Additional Phase II Environmental Site Assessment Report

Midway Rising
Portions of Assessor's Parcel Number 441-590-04
3220, 3240, 3250, 3350, and 3500 Sports Arena Boulevard, San Diego, California 92110

Prepared for:

Midway Rising, LLC
12100 Wilshire Boulevard, Suite 1135
Los Angeles, California 90025

SCS ENGINEERS

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8799 Balboa Avenue, Suite 290
San Diego, CA 92123
858-571-5500

October 1, 2024
Project Number: 01213320.07

Mr. Nico Gemigniani
Midway Rising, LLC
12100 Wilshire Boulevard, Suite 1135
Los Angeles, California 90025

Subject: **Additional Phase II Environmental Site Assessment (Assessment)**

Site: **Midway Rising**
3220, 3240, 3250, 3350, and 3500 Sports Arena Boulevard
San Diego, California

Dear Mr. Gemigniani:

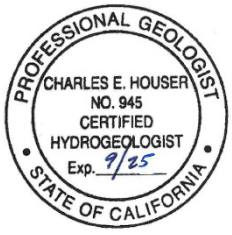
SCS Engineers (SCS) is pleased to present this *Additional Phase II Environmental Site Assessment Report* (Report) for the above-referenced Site to Midway Rising, LLC (Client). The Report summarizes the Additional Phase II Environmental Site Assessment activities (Assessment) conducted by SCS in connection with the proposed development of the Midway Rising development project. The work described in this Report was performed by SCS pursuant to the Consulting Contract between SCS and Midway Rising, LLC (Client).

If we can be of further assistance, or if you have any questions regarding the above scope of work, please contact one of the undersigned at (858) 571-5500 or the provided email addresses.

Sincerely,

Allison O'Neal
Project Professional
SCS ENGINEERS

Chuck Houser, PG
Project Manager
SCS ENGINEERS



Luke Montague, MESM, PG
Vice President
SCS ENGINEERS

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1 BACKGROUND

SCS understands that the site consists of approximately 48 acres of land located at 3220, 3240, 3250, 3350, and 3500 Sports Arena Boulevard in San Diego, California (Figure 1) (Site). Reportedly, the Site is developed with several commercial/retail buildings and the Pechanga Arena (Sports Arena). SCS understands that the Client is planning to redevelop the Site into an entertainment-anchored mixed-use development that includes new residential, office, and retail uses, as well as a new arena (Midway Rising Project) (Project).

SCS has completed the following reports for the Site:

- *Phase I Environmental Site Assessment*, dated April 28, 2023 (2023 Phase I ESA)
- *Phase II Environmental Site Assessment Report*, dated July 10, 2023 (Phase II ESA)
- *Phase II Environmental Site Assessment Report Number 2, Geophysical Survey and Trenching Assessment*, dated September 22, 2023 (Trenching Phase II ESA)
- *Phase I Environmental Site Assessment*, dated May 3, 2024 (2024 Phase I ESA)

The 2023 and 2024 Phase I ESAs identified the following previous environmental land uses/features of concern at various properties within the Site boundaries:

- Clarifier system and ice pits
- Current and past gasoline service stations, including the presence of USTs
- Off-site upgradient facilities that used or have records of a release of petroleum hydrocarbon or halogenated solvent products.
- Lead-based paint (LBP), pesticides, and termiticides
- Previous agricultural use
- Previous printing and furniture stripping shops
- Previous barracks-style housing with possible fuel oil heating systems
- Presence of fill soils, including burn ash and waste
- Other petroleum hydrocarbon and hazardous materials storage and uses including Kobey's waste storage area

Various subsurface investigations events have been carried out by SCS in various representative and focused portions of the Site between February 2023 and March 2024, and have consisted of soil, soil vapor, and groundwater sampling, as well as extensive geophysical surveys of select areas at the Site followed by focused shallow soil trenching efforts. In early and mid-2023, SCS conducted assessment activities throughout the Site consisting of sampling from borings in early 2023 and from exploratory trenches in mid-2023. Figure 2 depicts the locations of the borings and trenches. The following is a summary of investigation areas and methods. Analytical results are depicted on the referenced figures.

Early 2023 – Soil, Groundwater, and Soil Vapor Borings

- Soil borings were drilled and sampled throughout Parcels A through D and Parcel F. Soil samples were analyzed for some or all of the following: total petroleum hydrocarbons (TPH), volatile organic compounds (VOCs), pesticides, and/or metals. Locations and analytical results are depicted on Figures 3 and 4.

- Groundwater samples were collected from three locations within Parcel A and two locations within Parcel B. Samples were analyzed for TPH and VOCs. Locations and analytical results are depicted on Figure 5.
- Soil vapor samples were collected from various locations throughout the Site. Locations and analytical results are depicted on Figure 6.

Mid 2023 – Exploratory Trenching

- Exploratory trenches were excavated and sampled at various locations throughout Parcel A. During this phase of assessment, trenches T1 through T32 were excavated and sampled. The purpose of the trench locations were to:
    - Assess burn ash waste encountered in a soil boring in the southwestern portion of the Site,
    - Assess several geophysical anomalies potentially indicative of underground storage tanks (USTs) or other subsurface features of concern,
    - Assess areas of the Site interpreted from historic aerial photos to be vacant lots or yard areas between structures where waste may have historically been deposited or burned.

Locations and analytical results are depicted on Figures 7 through 11.

The 2023 subsurface investigations have indicated the following findings regarding environmental concerns:

- Former burn dump area – A portion of a feature known as the West Point Loma Dump is located in the southwestern portion of the Site and is interpreted to be a former open burn pit area that was present from at least approximately 1899 to 1908 and possibly longer, prior to the development of Frontier Housing, and was later covered with 2 to 3 feet of fill soils. Burn ash with elevated concentrations of metals including antimony, arsenic, cobalt, and/or mercury that exceed residential health risk-based screening levels were discovered in this area of the Site, buried at depths of approximately 2 to 5 feet deep along with old household debris including bottles, ceramics, and other trash. Portions of these soils are considered a California hazardous waste, and artifacts within this deposit will likely be considered historic and require extraction and handling separately. A soil management plan (SMP) will be prepared by SCS that describes the means and methods for the proper management of impacted soils during construction and grading activities. Although several soil borings as well as trenching were completed in this area for delineation, additional delineation is required to further determine the lateral extent of these soils. SCS also recommends that the San Diego Local Enforcement Agency (LEA) and other applicable regulatory agency (such as the County of San Diego Department of Environmental Health and Quality [DEHQ], Regional Water Quality Control Board [RWQCB], and/or Department of Toxic Substances Control [DTSC]) be consulted prior to grading and development activities to ensure the former waste areas of the Point Loma Dump are properly managed during construction activities in accordance with applicable regulations.

- Pesticide-bearing soils – Shallow soils with elevated concentrations of the organochlorine pesticide identified as chlordane were identified in several samples collected from Parcel C at the Subject Property, some of which are considered a California hazardous waste. The known pesticide-bearing soil within the Construction Excavation Envelope that exceeds the remediation criteria for chlordane needs to be properly managed during excavation and grading activities.

- Underground storage tank (UST) discovered – the geophysical operations completed at the Site indicated the presence of a UST within the western parking lot area of the Site. A backhoe was used to expose the UST in June of 2023, which was measured to be approximately 12 feet long by 4 feet in diameter, with visible petroleum hydrocarbon staining observed near the bottom of the UST.

- Former UST at Dixieline (Parcel D) - Petroleum hydrocarbon-bearing soil was encountered in the approximate location of a former UST at Dixieline. Although reported concentrations of petroleum hydrocarbons were below typical health risk screening levels, impacted soil in this area may require special handling if encountered during Site grading and development.

- Groundwater with detectable CoCs - Although detectable concentrations of total petroleum hydrocarbons (TPH) and volatile organic compounds (VOCs) (i.e., bromodichloromethane and dibromochloromethane) were reported to be present in up to 3 of the 5 samples analyzed, all of the groundwater samples analyzed for TPH and VOCs were reported to be below the Health Risk-Based Remediation Criteria. However, due to the detectable concentrations of CoCs in one or more of the samples collected and analyzed, and due to the relatively shallow depth of groundwater at the Subject Property (i.e., approximately 8 to 10 feet below grade), if dewatering activities are required during construction, groundwater filtration and proper permits may be required prior to discharging to the sanitary sewer system.

- Soil vapor – VOCs including benzene, ethylbenzene, xylenes, and tetrachloroethene (PCE) were reported to be present in various soil vapor samples that were collected and analyzed. After applying the applicable 2011 Department of Substances Control (DTSC) attenuation factors for the existing commercial and possible future residential land use (0.001 and 0.0005 respectively) to the maximum reported concentrations of VOCs in soil vapor beneath the Site, the maximum theoretical concentrations of VOCs in indoor air at the Site do not exceed the commercial and residential screening levels (DTSC- Modified Screening Levels [SLs]); however, if using the California Environmental Protection Agency (CalEPA)-recommended attenuation factor of 0.03, the maximum theoretical concentrations of benzene and ethylbenzene in indoor air at portions of the Site exceed the commercial and residential screening levels (DTSC-SLs), and theoretical indoor air concentrations of m,p-xylene and PCE in select portions of the Site exceed the residential screening levels (DTSC-SLs).

These features and areas of environmental concern are depicted on Figure 12. Based on these findings and the proposed redevelopment of the Site into a mixed-use development, preparation of a SMP is recommended to provide a dynamic strategy to properly manage CoC-bearing soil and to assess and mitigate, and document, as necessary, releases of CoCs in a manner that is protective of human health for the proposed future land use and the beneficial uses of water resources of the Site and vicinity. The SMP should guide both the reuse and/or export of impacted soil, as well as the environmental oversight of the excavation and removal of USTs and associated petroleum hydrocarbon-bearing soil, removal of the clarifiers/ice pits on the Site, further delineation of impacts from the recognized environmental conditions identified on the Site, special handling, if required, of artifacts present in the burn dump area that will be carried out by others, and confirmation soil sampling as needed on the Site.

This report addresses the following additional Phase II ESA activities that were recommended by SCS based on the findings of prior subsurface investigations and Phase I ESA reports, and based on conversations with the Client:

- Summit Gasoline Service Station at 3520 Sports Arena Boulevard - DEHQ records report the existing gasoline service station at 3580 Sports Arena Boulevard, USTs and system was installed in 2003, including a split regular unleaded gasoline 10,000-gallon and diesel fuel 12,000-gallon USTs, and one premium unleaded 20,000-gallon UST. In February 2020, one additional regular unleaded gasoline 40,000-gallon UST was added to this system. These four USTs and associated fueling system are currently in place. At the time of the site reconnaissance, one UST was observed on the ground surface east of the convenience store and west of the car wash.

  No unauthorized releases of petroleum hydrocarbons and only minor violations were reported in the DEHQ files regarding the existing gas station. Based on an absence of disposal violations, and the lack of known and reported releases, there does not appear to be a recognized environmental condition associated with the current use of this portion of the Subject Property as a gas station. However, based on our experience, there are likely surface release(s) spills at the gas station that have occurred, as the well possible vapor phase releases as a result of piping systems that were not historically vapor "tight." Additionally, note that one former UST was observed to be stored above ground that was located east of the convenience store and west of the car wash for which information was not available. Combined with the proposed redevelopment plans for the Subject Property into a mixed-use development with commercial/retail and residential uses along with the sports arena complex, the Phase I ESA indicated that there is a possibility that other currently unknown possible releases may have occurred, which were reported to be potential recognized environmental conditions.

  In order to address the environmental concerns reported in the Phase I ESA, SCS completed limited soil and groundwater sampling at the Summit Gasoline service station in February, 2023. The soil sample results indicated non-detect concentrations of TPH in various samples collected between 0.5 and 10 feet deep. One groundwater sample indicated relatively low concentrations of TPH as diesel (TPHd) and TPH as oil (TPHo), with TPH as gasoline (TPHg) and VOCs reported to be non-detect above laboratory reporting limits.

  In addition, SCS previously attempted to complete a geophysical survey, soil sampling for possible burn ash from the Point Loma Dump, and soil vapor sampling in connection with the fueling station activities in 2023 and 2024, although access to this area was not granted. Subsurface investigation (geophysical survey, soil and soil vapor sampling) was recommended, in particular due to the proposed change in land use to include residential properties in the area of the current and historical gas stations and was addressed as a part of this Assessment.

- Possible Former Gasoline Service Station at east end of Parcel B (currently Chilis Restaurant) - Regarding the historical service station that was reportedly located on Parcel B, information regarding removal of USTs from the historical service station is not available. Therefore, based on the lack of records pertaining to the condition of the subsurface following UST removal, this possible historical gasoline service station is considered a recognized environmental condition and further research or investigation was recommended. A geophysical survey of this portion of the Site was completed as a part of this Assessment.

- Former Fueling Station at Dixieline Lumber at 3520 Sports Arena Boulevard – This facility previously contained a fueling station circa approximately 1970 to 2003 (33 years). DEHQ records indicate the USTs and fueling systems at Dixieline have been removed and soil

confirmation samples taken in the excavation areas indicated CoCs were not detected above laboratory reporting limits.

SCS completed limited soil sampling in the reported location of the former Dixieline fueling station in March of 2023. The results indicated a maximum TPHo concentration of 670 mg/kg at a depth of 5 feet below grade, and a maximum TPHg concentration of 24 mg/kg at a depth of 5 feet below grade. TPHg was reported to be non-detect above laboratory detection limits. Additional soil vapor sampling was completed in this area as part of this Assessment.

- Additional Geophysical Survey and Trenching Southwest of the Sports Arena – Although geophysical surveys and trenching were completed around areas of concern identified in historic aerial photographs of the former Frontier Housing, due to time constraints, a geophysical survey and follow up trenching of identified anomalies were not completed of an additional area of concern to the southwest of the Sports Arena. Therefore, SCS recommended completing the additional geophysical survey and follow up trenching in the area located southwest of the Sports Arena, which was completed as a part of this Assessment.

- Further Assess Pesticide-Bearing Soil at Soma at 3350 Sports Arena Boulevard – In March of 2023, a soil boring identified as DP-23-038 was advanced at the Soma property, and a soil sample collected at a depth of 2.5 below grade was reported with the OCP identified as chlordane with a concentration of 1,800 micrograms per kilogram (µg/kg), which exceeds the residential Health Risk-Based Remediation Criteria of 480 µg/kg. In order to further delineate the lateral extent of OCP-bearing soil, twelve step-out borings were completed around boring DP-23-038 in March of 2024. Additional OCP-bearing soil above Health Risk-Based Remediation Criteria as well as Hazardous Waste Criteria was reported to be present in several samples, and lateral delineation was not achieved. Therefore, additional soil sampling and analysis was recommended to attempt to delineate the lateral extent of OCP-bearing soil in this area, and which was completed as part of this Assessment.

- Further Assess Pesticide-Bearing Soil at Dixieline Lumber at 3520 Sports Arena Boulevard – During previous subsurface investigations conducted at Dixieline, one soil boring and one soil sample were analyzed for OCPs. Based on SCS's experience with lumberyards, pesticides such as organochlorine pesticides and arsenic were previously used as wood preservatives at lumberyards. Considering that the Dixieline facility has occupied the Site from approximately 1966 to present, additional soil sampling was recommended to further assess the shallow soil at this facility for pesticides and preservatives, which was completed as a part of this Assessment.

- Assess Petroleum Hydrocarbon-Bearing Soil and Groundwater in Vicinity of UST Discovered in Sports Arena Parking Lot – a potential UST was identified during the geophysical survey in the western parking lot of the Sports Arena in June of 2023 in an area interpreted to contain a former maintenance building of the former Frontier Housing. A pothole excavated in this area using a backhoe confirmed the presence of a UST measuring approximately 12 feet long by 4 feet in diameter, with visible petroleum hydrocarbon staining observed near the bottom of the UST. Soil samples collected from the sides of the UST using the backhoe were reported with concentrations of TPHg, TPHd, and naphthalene in trench sample T13 that exceed the Health Risk-Based Remediation Criteria. Additional soil sampling was recommended to delineate the vertical and horizontal extent of petroleum hydrocarbon-bearing soil, and to also assess groundwater for petroleum hydrocarbons in the immediate area of the UST, which was completed as a part of this Assessment.

- Shallow Soil Sampling at Salvation Army at 3240 Sports Arena Boulevard – representative soil sampling was not previously conducted on the Salvation Army Thrift Store property due to access constraints. Representative shallow soil sampling was recommended on adjacent parcels to assess for CoCs including OCPs, Title 22 metals, and TPH. Sampling on the adjacent parcels would, in SCS's opinion, be sufficient to close data gaps at this facility at this time, based on the available data, which was completed as a part of this Assessment.

- Shallow Soil Sampling in the Sports Arena Contractors Service Yard Areas – representative soil sampling was not previously conducted within the Sports Arena Contractors Yard areas situated immediately south of the adjacent Clean Harbors property to the northeast at 3495 Kurtz Street property due to access constraints. Representative shallow soil sampling was recommended to assess for CoCs including OCPs, Title 22 metals, and TPH, which was completed as a part of this Assessment.

- Soil Vapor Sampling in the footprints of the Proposed Midway Rising Structures – the previous soil vapor sampling activities conducted in 2023 consisted of a focused assessment to investigate on- and off-site environmental concerns identified in the 2023 Phase I ESA. Additional soil vapor sampling was recommended in the footprints of the proposed Midway Rising project building footprints once plans were completed, which was completed as a part of this Assessment.

  Additional soil vapor sample points were also recommended for the following environmental concerns based on the previous soil vapor sampling as well as Phase I ESA reports, which was completed as a part of this Assessment:

  - Elevated concentrations of VOCs above the Health Risk-Based Remediation Criteria using the Cal EPA attenuation factor of 0.03 were identified in the following areas:

    - Previous soil vapor samples (with VOC exceedances to the 0.03 attenuation factor) include SV-23-064 (benzene), SV-23-065 (ethylbenzene), SV-23-068 (ethylbenzene, m,p-xylene, and PCE), and SV-23-075 (PCE)

  - Off-Site Concerns – the following off-site concerns were identified in the Phase I ESA reports, for which soil vapor sampling was recommended:

    - Former Cleaners at 3496 and 3502 Kurtz Street
    - H21153-1/H19221, Former Truck Terminal/Golden Chariot Trucking/Loyola Trucking/Clean Harbors at 3495 Kurtz Street
    - H21151-001 and -002, Former Shorebreak Materials-Butler Property, 3612 Kurtz Street
    - HMD/UST 211463 and 131595, Exponents, Inc., 3280 Kurtz Street
    - HMD 207798/103138 3467-3469 Kurtz Street
    - Yellow Cab Company of San Diego, 3473 Kurtz Street

The Assessment covered in this report included additional geophysical survey activities, and additional Phase II soil, soil vapor, and groundwater sampling activities per the recommendations above to further evaluate the possible presence of CoCs in the subsurface at the Site from current and past on-Site activities and possible off-Site sources, in connection with the proposed redevelopment of the Site.

2 OBJECTIVES

The objectives of the scope of services included in this Report were to:

- Geophysical survey - further evaluate the area to the southwest of the Pechanga Arena in order to evaluate the subsurface of a portion of the Site for the presence of previously unidentified USTs, piping, UST pits, and undocumented fills including burn pits and to evaluate the possible efficacy of using geophysical survey methods to evaluate subsurface conditions.

- Soil and groundwater sampling – Further assess in representative and focused locations the possible presence and concentrations of elevated concentrations of metals such as lead, petroleum products, organochlorine pesticides (OCPs), and volatile organic compounds (VOCs) in the soil. Additionally, to further assess groundwater for petroleum hydrocarbons and VOCs in select focused locations.

- Soil Vapor Sampling – Assess the possible presence and concentrations of VOCs in the footprints of the proposed Midway Rising structures.

3 SCOPE OF SERVICES

PREPARATION FOR FIELDWORK

Preparation of Health and Safety Plan

A health and safety plan for work conducted at the Site and workers within the "exclusion zone" was required pursuant to the regulations found in 29 Code of Federal Regulations (CFR) Part 1910.120 and California Code of Regulations (CCR), Title 8, Section 5192. Therefore, a health and safety plan was prepared for the proposed work scope, which outlined the potential chemical and physical hazards that may have been encountered during drilling and sampling activities. The appropriate personal protective equipment and emergency response procedures for the anticipated Site-specific chemical and physical hazards were detailed in this plan. SCS and contracted personnel involved with the proposed field work were required to read and sign this document in order to encourage proper health and safety practices.

Utility Search and Markout

SCS notified Underground Service Alert on May 7, 2024 and July 2, 2024, as required by state law, prior to drilling and sampling activities and was issued ticket numbers A241280833-01A and A241840896-00A. In addition, two private utility locators, One Atlas and Subsurface Alert, were subcontracted to clear the proposed boring locations for possible subsurface utility conflicts. These procedures were designed to minimize the likelihood of drilling into a subsurface utility. Sampling locations were adjusted as necessary to avoid conflicts with identified subsurface features.

Permitting

For borings used to collect groundwater samples, or borings that exceed 20 feet in depth, drilling permits are required by the San Diego County Department of Environmental Health and Quality (DEHQ). Initially, SCS did not anticipate that groundwater would be encountered, or that borings would extend beyond 20 feet depth. Therefore drilling permits were not obtained prior to field

activities. Two borings drilled near the existing UST in the western portion of Parcel A did encounter groundwater and so the DEHQ was notified and a drilling permit obtained for these two borings.

FIELD ACTIVITIES

Geophysical Survey

In 1945, the Site region was developed with barracks-style temporary housing for defense industry workers, called the Frontier Homes Housing Project, or simply "Frontier." A significant portion of the Site was occupied by these barracks-style structures. Potential environmental issues that could be associated with such a development include, but are not necessarily limited to:

- The presence of existing or former underground storage tanks (USTs) used to store heating fuel.
- The possible presence of releases from former or existing USTs.
- The presence of undocumented fill soils.
- The potential presence of burn pits used for municipal waste incineration.

SCS retained One Atlas, a geophysical consultant, to evaluate the subsurface of portions of the Site for the presence of previously unidentified USTs, piping, UST pits, and undocumented fills including burn pits associated with the Frontier Housing barracks-style temporary housing and was focused on the area immediately south and west of the arena and the accessible portions of the Chic-fil-A and Chilis lots in Parcel B. In addition to providing possible information about the presence of USTs and UST pits, and undocumented fills and burn pits, the information collected from the geophysical survey was added to the broader geophysical survey completed to date. The portions of the Site evaluated are depicted on Figure 13.

One Atlas, under supervision by SCS, used geophysical equipment designed to provide data regarding resistivity of subsurface materials and the presence of metallic objects and debris, as well as ground penetrating radar used to evaluate subsurface structures and interfaces.

The designated areas were traversed with the various instruments used for the evaluation. Detected features were mapped and presented in an illustrated report by the geophysical consultant, included as Appendix A. Evaluation of the geophysical survey results informed the focused excavation activities (trenching) described below.

The various types of geophysical survey equipment used along with a discussion of the results are presented in the "Geophysical Summary" section further below.

Trenching - Soil Sampling and Analysis

On May 7 and 8, 2024, exploratory trenches were excavated to visually evaluate subsurface conditions and observe features of concern, such as piping or underground storage tanks (USTs), or the presence of burned waste material. A total of 10 trenches were excavated (T33 through T41). The approximate trench locations are depicted on Figures 7 through 11. Exploratory trenches were excavated using a backhoe. Individual exploratory trenches were approximately 2 feet wide (the width of the backhoe bucket), and 7 to 8 feet long. The depth was determined by the depth of features of concern. The locations of the exploratory trenches were designed to evaluate anomalies from the geophysical survey (trenches T35 and T38), and to provide additional delineation of the burn ash deposit associated with the West Point Loma Dump (trenches T33, T34, T36, T37, T39, T40, and T41).

At each trench location, the pavement (asphalt or concrete) was sawcut to the anticipated dimensions of the exploratory trench. Pavement was removed, stockpiled, and disposed off-site. As the exploratory trench was excavated, spoils were stockpiled to one side of the trench. Upon completion, the trench excavation was backfilled with the spoils and compacted. The trench was temporarily patched with cold-patch asphalt to allow traffic access.

For final permanent patching, the cold patch asphalt was removed, stockpiled, and disposed off-site, and the trench excavations were paved with hot mix asphalt. SCS and Arena personnel have established a staging area in the northwestern corner of the Site where equipment was stored, cold-patch asphalt was stockpiled to be ready for use in temporary patching, and where demolished debris (existing asphalt) was stockpiled pending off-site disposal.

A California Professional Geologist, or a qualified professional under the direct supervision of a professional Geologist, was on the Site to observe the excavation activity and log the trenches. Copies of the trench logs are included in Appendix B.

Soil samples were collected from the excavations at depths determined by the field personnel. Samples were placed into laboratory-supplied glass jars, labeled, and placed in an ice-filled cooler pending delivery to the laboratory for analysis. At least one sample per trench from material interpreted to be fill (burn ash and/or overlying soil fill) was collected and analyzed. Additional samples were collected as-needed based on field observations and the experience and judgement of the on-Site professional (e.g., interpreted lithologic changes).

Soil samples were submitted to a California-state accredited laboratory for analysis. Samples were analyzed for total lead in general accordance with EPA Method 6010. Selected samples were analyzed for Title 22 metals in general accordance with EPA Method 6010, and total petroleum hydrocarbons (TPH) as gasoline (TPHg), diesel fuel (TPHd), and oil (TPHo) in general accordance with EPA Method 8015B. Chain-of-custody procedures were implemented for sample tracking. Based upon a review of the results, a second round of laboratory analysis (Title 22 metals, volatile organic compounds [VOCs], lead leachability analysis [WET and TCLP], and possible additional lead and TPH for further vertical delineation) was requested as-needed.

Soil samples were submitted to a California-state accredited laboratory for analysis (Enthalpy Analytical of Orange, California). Chain-of-custody procedures were implemented for sample tracking. Written analytical reports were provided by the laboratory upon the completion of the sample testing. Copies of the lab reports are included in Appendix C.

Direct-Push Drilling – Soil, Soil Vapor, and Groundwater Sampling and Analysis

In May of 2024, SCS advanced 6 soil borings and 24 soil vapor probes using direct push drilling. Soil borings were advanced to a maximum depth of up to approximately 13 feet below grade at the Site. Soil vapor borings were advanced to a maximum depth of up to approximately 5 feet below grade at the Site. Groundwater was encountered at a depth of approximately 9 to 10 feet below grade in two soil borings, SB-UST-24-2 and SB-UST-24-3. The following table summarizes the soil and soil vapor borings and approximate maximum depths and approximate sample depths for each boring, as well as borings that were to be sampled for groundwater.

Boring Location, ID	Depth (feet BGS)	Media to be Sampled	Sample Depths/Analysis	Number of Analyses
Summit Gas: SG-SB-24-1 SG-SB-24-2 SG-SB-24-3	7	Soil	Soil Depths: 2.5, 3.5, 4, 4.5, 5, 5.5, and/or 6.5 Lead: 2.5, 3.5, 4, 5.5, and/or 6.5 Metals: 4.5 or 5	Soil: 3 metals 6 lead
Parcel A UST: SB-UST-24-1 SB-UST-24-2 SB-UST-24-3	13	Soil, Groundwater	Soil Depths: 3.5, 4, 5.5, 6.5, 7, 8, 8.5, 9, 9.5, 10, 11.5, and/or 12.5 TPH: 5, 5.5, 6.5, 7, 8, 9, 10, 11.5, and/or 12.5 VOCs: Up to one sample from each boring based on TPH results Groundwater: TPH, VOCs	Soil: 13 TPH 4 VOCs GW: 2 TPH 2 VOCs
Soil Vapor, Parcels A, B, C, and D: Parcel A: SV-24-001 thru SV-24-013 and SV-24-024 Parcel B: SV-24-014, SV-24-017, SV-24-021 thru 023 Parcel C: SV-24-015 and 016 Parcel D: SV-24-018 thru 020	2.5 to 5	Soil Vapor	VOCs	Soil Vapor: 26 VOCs including two duplicate samples
Totals	**Lab Analysis Round 1**: Soil – 3 metals, 6 lead, 13 TPH, 4 VOCs Groundwater – 2 TPH, 2 VOCs, Soil Vapor – 26 VOCs			

Notes:

BGS: Below ground surface.
Lead: Total lead in general accordance with EPA Method 6010B.
Metals: Title 22 metals in general accordance with EPA Method 6010B
TPH: Extended range total petroleum hydrocarbons in general accordance with EPA Method 8015M
VOCs: Volatile organic compounds in general accordance with EPA Method 8260B for soil/groundwater and TO15 for soil vapor

Four full days were required to advance up to approximately 175 linear feet of borings and collect the soil, groundwater, and soil vapor samples. Figure 7 depicts the approximate locations of the soil borings and Figure 14A through 14C depicts the approximate locations of the soil vapor borings drilled during the current assessment.

Soil and Groundwater Sampling

A California Professional Geologist, or a qualified professional under the direct supervision of a professional Geologist, was on the Site to observe the drilling activity. Soil samples were collected from the approximate depths as presented in the table above, and we also observed samples for staining or odors that might indicate the presence of CoCs, and screen samples using a photoionization detector (PID). Additional samples were collected based on field observations and the experience and judgement of the on-Site professional (e.g., interpreted lithologic changes). Soil boring lithologic logs were completed for the soil borings that require the boring permit, SB-UST-24-2 and SB-UST-24-3 (Appendix B).

The borings were advanced by a standard sized direct push drill rig, and soil samples were collected using a 1 ¾" or similar diameter split spoon-type drive sampler within an acetate liner. The ends of sections of acetate liner selected for analysis were covered with Teflon sheets and plastic caps. The liners were labeled and placed in an ice-filled cooler for delivery to a State-accredited laboratory for analysis. Chain-of-custody procedures were implemented for sample tracking. Upon completion, the borings were backfilled with bentonite and hydrated in accordance with manufacturers specifications.

For borings SB-UST-24-2 and SB-UST-24-3, shallow groundwater grab samples were collected by installing a temporary groundwater well using PVC casing. The groundwater samples were collected using a disposable bailer, placed in laboratory-supplies containers, labeled and stored in an ice-filled cooler pending delivery to the laboratory for analysis. Chain-of-custody procedures were implemented for sample tracking.

Pursuant to our standard operating procedures, the sampling equipment was decontaminated onsite between soil samples to minimize the likelihood of "cross-contaminating" the samples and to minimize the potential for a "false positive" in the soil samples analyzed.

The samples summarized in the table above were analyzed by a State-accredited off-Site laboratory on a "standard" turnaround (approximately five to seven working days). Chain-of-custody procedures were implemented for sample tracking. Based upon a review of the results, a second round of laboratory analysis (VOCs, lead leachability analysis [WET and TCLP], and possible additional lead, OCPs, and TPH for further vertical delineation) was requested as-needed and was analyzed on a standard turnaround time. Written analytical reports were provided by the laboratory upon the completion of the sample testing (Appendix C).

Soil Vapor Sampling

SCS collected soil vapor samples from twenty-four (24) soil vapor boring locations (SV-24-001 through SV-24-024) at depths of approximately 5 feet below ground surface (bgs). One sample location, SV-24-020, encountered refusal at a depth of approximately 2.5 feet.

Soil vapor sampling was conducted in general accordance with the Department of Toxic Substances Control (DTSC) Active Soil Gas Advisory, dated July 2015. The vapor probes were advanced using either a truck-mounted direct push drill rig or hand tools.

The soil vapor probes were constructed in general accordance with DTSC Guidelines. The probes consisted of a temporary airstone filter, 1/8" Nylaflow tubing, and a valve at the termination. The probe tip was set within a 12" sand pack, with a minimum of 6" dry bentonite above the sand. The annular seal between probe depths and/or to the surface consisted of granular bentonite hydrated

in lifts. Upon completion of sampling, the probes were abandoned without excavation, the locations were backfilled with bentonite, and the surface were patched accordingly.

Following a 120 minute equilibration time, the samples were collected into Summa canisters for analysis at a fixed lab. At each location, a shut in test was performed for 60 seconds, and 1,1-difluoroethane (1,1-DFA) was used as a liquid leak check. Probe vacuum was monitored during purging to remain at <100" water, and a flow rate of 100-200 milliliters per minute (mL/min) was maintained and recorded during purging and sampling. Prior to collecting the sample, each location was purged of approximately 3 purge volumes. During the sampling, SCS prepared a site map depicting the scaled locations of the sample probes (Figures 14A through 14C).

The soil vapor samples were analyzed by a State-accredited laboratory. Samples were analyzed for VOCs - full range in general accordance with Method TO-15. Chain-of-custody procedures were implemented for sample tracking. A final written analytical report was provided by the laboratory (Appendix C).

Hand Auger Borings – Soil Sampling

Phase II assessment activities conducted in early 2023 detected organochlorine pesticides (OCPs), in particular elevated concentrations of the OCP chlordane, in soil borings drilled in the southern portion of Parcel C (Soma parcel). To provide delineation of the pesticides, in March and May of 2024, SCS collected soil samples from thirty (30) hand auger boring locations (HA-24-001 through HA-24-030) at depths up to approximately 6 feet below ground surface (bgs) in the southern portion of Parcel C.

Additional hand-auger soil assessment in July 2024 was also conducted as follows:

- Approximately four additional shallow soil borings were drilled in the southern portion of Parcel C to further delineate the extent of chlordane in soil (HA-24-031 through HA-24-034).
- Two shallow soil borings were drilled immediately to the east and west of the southern portion of Parcel E (Salvation Army) to collect Phase II assessment data relative to that parcel (HA-24-026 and HA-24-027).

Shallow soil borings were advanced using a hand-held auger. Soil samples were collected by placing soil from desired depths into laboratory-supplied glass jars. The jars were tightly capped, labeled, and placed in an ice-filled cooler pending delivery to the laboratory. Upon completion, the borings were backfilled with the cuttings.

The hand auger soil samples were analyzed by a State-accredited laboratory. Select samples were analyzed for the following:

- OCPs in accordance with EPA Method 8081A
- Title 22 Metals in accordance with EPA Method 6010
- Total lead in accordance with EPA Method 6010
- Total petroleum hydrocarbons (TPH), extended range in accordance with EPA Method 8015B
- Volatile organic compounds (VOCs) in general accordance with EPA Method 8260B.

Not all soil samples were analyzed for all of the analyses listed. Selected samples were also analyzed for metals or chlordane leachability using the Waste Extraction Test (WET) or Toxicity Characteristic Leaching Procedure (TCLP), as needed. Chain-of-custody procedures were implemented for sample tracking. A final written analytical report was provided by the laboratory.

4 SITE GEOLOGY AND HYDROGEOLOGY

GEOLOGY

A geological map[1] for the Site vicinity indicates that the Site is underlain by artificial fill containing compacted engineered and non-compacted, non-engineered fill. Soil observed by SCS in soil borings advanced during the Assessment consisted of brown to dark brown, silty, fine- to medium-grained sand.

Reported Formation	Artificial fill (af), Urban land, placed historically
Reported Description	Urban land and deposits of fill resulting from human construction, mining, or quarrying activities; includes compacted engineered and non-compacted, non-engineered fill

During drilling, geologic materials observed included artificial fill soils underlain by alluvium, bay muds, as well as tidal flat and beach bar deposits.

HYDROGEOLOGY

Groundwater depth information was measured and flow direction was estimated during this assessment. The following table summarizes the results of this review:

Property Location	Parcels A and B on Site
Reported Depth	8 to 10 feet below grade
Reported Flow Direction	Estimated to flow to the west/northwest but highly variable based on review of nearby groundwater assessment cases on Geotracker

Please note that many variables influence groundwater depth and flow direction, and that the actual depth and flow direction at the Site may be different than presented in this section.

WATER QUALITY SURVEY

The following table summarizes the reported water quality in the Site vicinity:

Reported Hydrologic Subarea	Mission San Diego (907.11)
Reported Hydrologic Area	Lower San Diego (907.10)
Reported Hydrologic Unit	San Diego (907)
Reported Beneficial Use	None. Due to the Site's location west of the easterly boundary of the Interstate 5 right-of-way, the Site is excepted from the sources of drinking water policy
Source	California RWQCB, San Diego Region, *Water Quality Control Plan for the San Diego Basin*, September 8, 1994, with amendments effective prior to September 1, 2021

[1] Geologic Map of the San Diego 30' x 60' Quadrangle, California, compiled by Michael P. Kennedy and Siang S. Tan, 2005, California Division of Mines and Geology and United States Department of Agriculture Web Soil Survey, https://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx

5 FINDINGS

GEOPHYSICAL SUMMARY

Figure 13 in the Atlas One report (Appendix A) depicts the EM31 In-Phase data obtained during the geophysical survey. The EM31 is used to assess the presence of conductors and non-conductors in the subsurface. There are two components to the magnetic field measured by the EM31: quadrature phase and in-phase. The in-phase measurement is more sensitive to large metallic objects than the quadrature phase. Within Parcel A, the geophysical survey was conducted in the area just south to west of the arena interpreted general to be the former location of administration buildings associated with Frontier School. During trenching assessment conducted during 2023, a UST was encountered in a location associated with the former school. The additional geophysical survey in this area was intended, in part, to evaluate the possibility of additional USTs associated with the school.

Specific features called out in the geophysics report (Appendix A) are depicted on Figure 12 as A and B. Most of these features were interpreted not to represent subsurface features of concern. However, two EM anomalies were noted as follows:

- A: Near the southern arena entrance.
- B: Southwest of the arena near the entrance driveway along Summit Gas.

Exploratory trenches were excavated in the location of each of these anomalies. At the location of Trench T35 (anomaly A), a vertical metal pipe (interpreted to be a possible water line riser) was encountered. No metallic objects were encountered in Trench T38 (anomaly B).

LABORATORY ANALYTICAL RESULTS

Trenching and Direct Push Soil Sample Analytical Results

The results of the trenching and direct push soil samples collected and analyzed during the above-described sampling activities on May 7, 8, 21, and 23, 2024, are summarized below, which are also tabulated in Tables 1 and 2 and depicted on Figures 7, 8, 9, 10, and 11.

Copies of the laboratory reports are included in Appendix C.

Total Petroleum Hydrocarbons (TPH)

A total of 15 trenching and direct push soil samples were analyzed for extended-range TPH in accordance with EPA Method 8015B. TPHg was reported in 2 of the 15 samples analyzed with detections ranging from 56 milligrams per kilogram (mg/kg) in sample SB-UST-24-1-7 to 73 g/kg in sample SB-UST-24-1-9. Concentrations of TPHd were reported in 2 of the 15 samples analyzed, with detections ranging from 890 mg/kg in sample SB-UST-24-1-9 to 1,900 mg/kg in sample SB-UST-24-1-7. Concentrations of TPHo above the laboratory reporting limit were reported in 4 of the 15 samples analyzed, with detections ranging from 52 mg/kg in sample T38-3.5 to 130 mg/kg in sample SB-UST-24-1-7.

Volatile Organic Compounds (VOCs)

A total of 5 trenching and direct push soil samples were analyzed for VOCs in accordance with EPA Method 8260B. Detectable 1,2,4-trimethylbenzene above the laboratory reporting limit was reported in 1 of the 5 samples analyzed at a concentration of 330 mg/kg in SB-UST-24-1-9. Detectable

naphthalene above the laboratory reporting limit was reported in 1 of the 5 samples analyzed at a concentration of 640 mg/kg in SB-UST-24-1-9. All other VOCs analyzed were reported to be below the respective laboratory reporting limits.

Organochlorine Pesticides (OCPs)

A total of 8 trenching and direct push soil samples were analyzed for OCPs in accordance with EPA Method 8081A. All OCPs analyzed in these samples were reported to be below the respective laboratory reporting limits.

Lead and Other Metals

Trenching and direct push soil analytical results for lead and other metals indicated metals were detected above laboratory reporting limits in several samples on Site. The data are presented in Table 2.

Groundwater Sample Analytical Results

The results of the groundwater samples collected and analyzed during the above-described sampling activities on May 23, 2024, are summarized below, which are also tabulated in Table 3 and depicted on Figure 10.

Copies of the laboratory reports are included in Appendix C.

Total Petroleum Hydrocarbons (TPH)

A total of 2 groundwater samples were analyzed for extended-range TPH in accordance with EPA Method 8015B. Concentrations of TPHg were reported above the laboratory reporting limits in 1 of the 2 groundwater samples analyzed at a concentration of 0.84 milligrams per liter (mg/L) in sample SB-UST-24-2-W. Concentrations of TPHd were reported in both of the samples analyzed, with detections ranging from of 1.2 mg/L in sample SB-UST-24-3-W to 3.4 mg/L in sample SB-UST-24-2-W. Concentrations of TPHo were not reported above the laboratory reporting limits in any of the groundwater samples analyzed

Volatile Organic Compounds (VOCs)

A total of 2 groundwater samples collected from the Site were analyzed for VOCs in accordance with EPA Method 8260B. Detectable m,p-xylenes above the laboratory reporting limit was reported in 1 of the 2 samples analyzed, sample SB-UST-24-3-W at 1.6 µg/L. Detectable o-xylene above the laboratory reporting limit was reported in 1 of the 2 samples analyzed, sample SB-UST-24-3-W at 0.6 µg/L. Detectable 1,2,4-trimethylbenzene above the laboratory reporting limit was reported in 1 of the 2 samples analyzed, sample SB-UST-24-2-W at 0.9 µg/L. Detectable naphthalene above the laboratory reporting limit was reported in 1 of the 2 samples analyzed, sample SB-UST-24-2-W at 5.4 µg/L. All other VOCs analyzed were reported to be below the respective laboratory reporting limits.

Soil Vapor Sample Analytical Results

A summary of the laboratory analytical results for soil vapor is presented below. A complete listing of the results is presented in the laboratory analytical report included in Appendix C. The data are presented in Table 4 and depicted on Figures 14A through 14C.

VOCs in Soil Vapor

A total of 24 soil vapor samples were analyzed for VOCs in general accordance with EPA Method TO-15 and, due to elevated levels of non-target analytes, the following samples collected in May 2024 were analyzed by 8260SV rather than EPA Method TO-15; SV-24-021-5, SV-24-021-5 Dup, SV-24-023-5, SV-24-023-5 Dup, and SV-24-022-5. Additionally, analytes dichlorotetrafluoroethane and 4-ethyltoluene are not included in 8260SV.

1,1-difluoroethane (leak check compound [LCC]), dichlorodifluoromethane (F12), chloromethane, carbon disulfide, 2-butanone (MEK), chloroform, benzene, 4-methyl-2-pentanone (MIBK), toluene, 2-hexanone (MBK), chlorobenzene, ethylbenzene, m,p-xylene, styrene, o-xylene, tetrachloroethene (PCE), 4-ethyltoluene, 1,3,5-trimethylbenzene, and 1,2,4-trimethylbenzene were reported to be present above the respective laboratory reporting limits in one or more of the soil vapor samples collected at the Site. All other VOCs analyzed were reported to be below the respective laboratory reporting limits.

The uses and presence of these VOCs are summarized below:

- F12 is commonly used in industry as a refrigerant.
- Chloromethane is used to make other chemicals and is found in vinyl chloride end-products.
- Carbon disulfide is used industrially in the manufacture of perfumes, cellophane, rayon, and some types of rubber.
- MEK is used in a number of industrial products such as paints and other coatings. It is also used in glues and as a cleaning agent.
- Chloroform is a routine water disinfection byproduct commonly found in municipal water systems and is typically found near municipal water sources such as irrigation lines. Chloroform is a member of a group of closely related chemicals, known as trihalomethanes, that are formed when chlorine reacts with natural organic humic materials and bromine via the haloform reaction in water, and occur in varying ratios when water is chlorinated for municipal uses. Chloroform is also a common byproduct in commercial bleach.
- MIBK is a solvent for vinyl, epoxy, and acrylic resins, for natural resins, and for nitrocellulose.
- MBK in paint and paint thinner, to make other chemical substances, and to dissolve oils and waxes.
- Chlorobenzene is used primarily as a solvent, a degreasing agent, and a chemical intermediate.
- Styrene is used in plastics, latex paints and coatings, synthetic rubbers, polyesters and styrene-alkyd coatings.
- PCE is used as a solvent in industry as well as the dry cleaning and auto repair industry.
- 4-ethyltoluene is used in the production of specialty polystyrenes.
- The remaining constituents, including benzene, toluene, ethylbenzene, xylenes, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene are typical constituents associated with petroleum hydrocarbons such as gasoline.

Concentrations of benzene were reported in most of the soil vapor samples analyzed in this sampling event, with the highest concentrations detected near the gasoline service station. Concentrations of m,p-xylene were found in one sample also located near the gasoline service station. Concentrations of ethylbenzene were found in one sample located in the Dixieline lumber yard. Concentrations of chloroform were found in one sample located in the parking lot north of Chili's restaurant. In addition, concentrations of PCE were found near the Dixieline Lumber facility in several samples, at the southwest corner of the parking lot near the sports arena building in one sample, in the western

area of the Chick-fil-A parking lot in one sample, and south of the discovered UST in the western portion of the Site.

With the possible exception of elevated concentrations of benzene likely being from the gasoline service station on Site, and it's not clear whether these VOCs in soil vapor beneath other portions of the Site resulted from an on- or off-Site source.

Regarding two detections of 1,1-Difluoroethane (leak check compound or LCC), values within 10 times the RL are considered within the tolerance of the relevant quality analysis/quality control parameters for the laboratory analytical method. The LCC detection in sample SV-24-017-5, at 87 µg/m^3, is 16 times above this level and this indicates at least some of the sample came from ambient air and not soil vapor, which may bias concentrations of VOCs detected in this sample to be low, so that what is actually in the soil vapor may be higher than what is indicated in the results. Conversely, some of the detected VOCs in SV-24-017-5 may have been derived from ambient air and not from soil vapor. All the other samples with LCC concentrations above laboratory limits were within the relevant quality analysis/quality control parameters for the laboratory analytical method, and therefore are considered representative of subsurface soil vapor conditions.

Hand Auger Soil Sample Analytical Results

The results of the hand auger soil samples collected and analyzed during the above-described sampling activities on March 4 & 5, May 16, 17, & 20, and July 9, 2024 are summarized below, and are also tabulated in Tables 1 and 2 and depicted on Figures 15A and 15B.

Copies of the laboratory reports are included in Appendix C.

Total Petroleum Hydrocarbons (TPH)

A total of 24 hand auger soil samples were analyzed for extended-range TPH in accordance with EPA Method 8015B. TPHg was reported below the laboratory reporting limits in all 24 samples. TPHd was reported in 1 of the 24 samples analyzed with a concentration of 20 mg/kg in sample HA-24-028-0.5. Concentrations of TPHo above the laboratory reporting limit were reported in 11 of the 24 samples analyzed, with detections ranging from 35 mg/kg in sample HA-24-019-0.5 to 190 mg/kg in sample HA-24-028-2.5.

Volatile Organic Compounds (VOCs)

A total of 4 hand auger soil samples were analyzed for VOCs in accordance with EPA Method 8260B. All VOCs analyzed in these samples were reported to be below the respective laboratory reporting limits.

Organochlorine Pesticides (OCPs)

A total of 81 hand auger soil samples collected from the Site were analyzed for OCPs in accordance with EPA Method 8081A. Detectable dichlorodiphenyldichloroethylene (DDE) above the laboratory reporting limit was reported in 5 of the 81 samples analyzed, ranging from 5.2 µg/kg in samples HA-24-003-3.5 and HA-24-029-0.5 to 8.7 µg/kg in HA-24-029-2.5. Detectable heptachlor above the laboratory reporting limit was reported in 2 of the 81 samples analyzed, ranging from 5.1 µg/kg in sample HA-24-003-0.5 to 27 µg/kg in HA-24-015-1.5. Detectable heptachlor epoxide above the laboratory reporting limit was reported in 1 of the 81 samples analyzed at a concentration of 6.0 µg/kg in HA-24-001-3. Concentrations of chlordane were reported in 35 of the 81 samples analyzed and ranged from 62 µg/kg in sample HA-24-007-2.5 to 19,000 µg/kg in sample HA-24-015-0.5. All other OCPs analyzed were reported to be below the respective laboratory reporting limits.

A total of 9 hand auger soil samples were analyzed for toxicity characteristic leaching procedure (TCLP) for chlordane for waste characterization purposes. Detectable chlordane TCLP above the laboratory reporting limit was reported in 1 of the 11 samples at a concentration of 3.9 micrograms per liter (µg/L) in sample HA-24-007-0.5.

A total of 5 hand auger soil samples were analyzed soluble threshold limit concentration (STLC) for chlordane for waste characterization purposes. STLC for chlordane in these samples were reported to be below the respective laboratory reporting limits.

Lead and Other Metals

Hand auger soil analytical results for lead and other metals indicated metals were detected above laboratory reporting limits in several samples on Site. The data are presented in Table 2.

6 DISCUSSION AND VAPOR INTRUSION RISK SCREENING

REMEDIATION CRITERIA FOR CONSTITUENT OF CONCERN-BEARING SOIL AND GROUNDWATER

Soil and groundwater Remediation Criteria are used in this Report for comparison of the reported soil and groundwater sample results to applicable Health Risk-Based Remediation Criteria, Waste-Based Remediation Criteria, and Hazardous Waste-Based Remediation Criteria defined in the table below for the reported and suspected CoCs, which include metals such as arsenic and lead, OCPs, TPH, and VOCs. The applicable regulatory soil and groundwater screening levels for the identified CoCs used herein are summarized in the below table and are further defined below the table.

Remediation Criteria/ Remediation Measure	Constituents of Concern	Analyte (Lab method)	Regulatory Threshold
Waste-Based Pertains to soil export only. Soil with exceedances to be exported as a non-hazardous regulated waste at a minimum	Previously detected CoCs at the Site (arsenic, lead, OCPs, and TPH) and potential CoCs (VOCs, other Title 22 metals)	TPH (EPA 8015B)	Any detectable concentrations[1]
		VOCs (EPA 8260B)	
		OCPs (EPA 8081A)	
		Title 22 metals (EPA 6010B)	Tier 1 Soil Screening Levels (SSLs) with 90 UCL[1]
Hazardous Waste-Based Soil	Lead and other Metals	Lead and other Metals (EPA 6010B)	>1,000 mg/kg with Site-wide 95 UCL[3] for lead
		WET and TCLP for Lead and other Metals (CCR 66261.100)	>5 mg/L[3] for lead
Health Risk-Based Soil Remediation Criteria Soil with exceedances to be properly managed (either exported as regulated waste, or buried on-Site beneath a soil cap)	Lead and other Metals	Lead and other Metals (EPA 6010B)	>80 mg/kg with Site-wide 95 UCL[2] for lead
	Petroleum hydrocarbons	TPHo (EPA 8015B)	>12,000 mg/kg[4]
		TPHd (EPA 8015B)	>260 mg/kg[4]

Remediation Criteria/ Remediation Measure	Constituents of Concern	Analyte (Lab method)	Regulatory Threshold
		TPHg (EPA 8015B)	>430 mg/kg[4]
	OCPs	OCPs (EPA 8081A)	SFRWQCB ESLs[4]
	VOCs	VOCs (EPA 8260B)	DTSC-SL[2]
Health Risk-Based Groundwater Remediation Criteria Groundwater with exceedances to be properly managed	Petroleum hydrocarbons	TPHo (EPA 8015B)	>100 mg/L[4]
		TPHd (EPA 8015B)	>100 mg/L[4]
		TPHg (EPA 8015B)	NE[4]
	VOCs	VOCs (EPA 8260B)	SFRWQCB ESLs[4]

Notes:
mg/kg: milligrams per kilogram.
mg/L: milligrams per liter.
TPHg, TPHd, TPHo: Total petroleum hydrocarbons as gasoline, diesel, and oil.
VOCs: Volatile organic compounds.
OCPs: Organochlorine pesticides.
UCL: Upper confidence limit.
1: Per San Diego Regional Water Quality Control Board (RWQCB) Tier 1 Soil Screening Levels (SSLs), March 13, 2024.
2: Per Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office (HERO) Human Health Risk Assessment (HHRA) Note Number 3, June 2020, Revised May 2022, recommended Soil Screening Levels for residential users. If a DTSC-SL has not been established for a constituent. The Environmental Protection Agency (EPA) Regional Screening Level (RSL) for residential users dated May 2024, was used for the constituent.
3: Per the California Code of Regulations, Title 22 Article 3, July 20, 2005.
4: The San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) Environmental Screening Levels (ESLs) for residential users, dated 2019 (revised).

Waste-Based Remediation Criteria – Should there be export of soil at the Site and per our experience with the DEHQ, it is recommended that soil that is classified as a hazardous waste (if encountered) be exported to an appropriately licensed facility rather than be left on-Site.

- For "clean"[2] (Inert) soil that is exported from the Site, the RWQCB Tier 1 SSLs established in the Waiver[3] are intended to be the criteria by which exported waste soil is judged to be clean, described within the Waiver as "inert waste soils that can be reused without restriction."

[2] Inert soil – For purposes of this Report, Inert is defined as soil that does not contain detectable concentrations of possible constituents of concern with the possible exception of California Code Regulations Title 22 metals (with metals concentrations below the San Diego Regional Water Quality Control Board [RWQCB] Tier 1 Soil Screening Levels using a 90 percent upper confidence limit), or leachable concentrations of organic constituents that are consistent with the definition of "inert waste" specified in California Code of Regulations Title 27, section 20230, consistent with the RWQCB *Order No. R9-2024-0001, Conditional Waivers of Waste Discharge Requirements for Low Threat Discharges in the San Diego Region*, March 13, 2024 (Waiver). The soil is comprised of native/formational material as well as fill soil that is interpreted to have been placed during the original development of the Site.

[3] The Tier 1 SSLs presented in RWQCB's *Order No. R9-2019-0005, Conditional Waivers of Waste Discharge Requirements for Low Threat Discharges in the San Diego Region* (Waiver) are intended to be the criteria by which soils are judged to be inert waste soils that can be reused without restriction.

- For chemical CoCs including OCPs, TPH, and VOCs, all soil containing any detectable or leachable concentrations of chemical CoCs proposed for export off-Site would need to be disposed of as regulated, non-hazardous waste per the Tier 1 SSLs.

- For metals, which are naturally occurring, the Tier 1 SSL for the lead is 23.9 mg/kg and the Tier 1 SSL for arsenic is 3.5 mg/kg. If soil was to be exported as Inert, excavated Site soils must be shown, through the collection of soil samples and analysis for lead and other metals, with the 90% upper confidence limit (UCL), to be below the Tier 1 SSL.

Hazardous Waste-Based Remediation Criteria - For characterizing soil as hazardous waste, the California Code of Regulations, Title 22 Article 3, July 20, 2005, was used.

- Soil is characterized as a California hazardous waste, at a minimum, upon exceedance of the total concentrations of a CoC to the Total Threshold Limit Concentration (TTLC), and/or by comparing the results of a Waste Extraction Test (WET) to the Soluble Threshold Limit Concentration (STLC).

- Soil is characterized as a federal or Resource, Conservation, and Recovery Act (RCRA) hazardous waste through an exceedance of Toxicity Characteristic Leaching Procedure (TCLP) laboratory results upon comparison to the respective Maximum Contaminant Concentration for the Toxicity Characteristic (MCCTC).

Health Risk-Based Remediation Criteria - to screen soil and groundwater for possible risks to residential users and workers at the Site:

- For VOCs and lead, the DTSC Human and Ecological Risk Office (HERO) Human Health Risk Assessment (HHRA) Note Number 3, June 2020, revised May 2022: recommended Screening Levels (SLs) for residential soil and cancer endpoint. For constituents where the DTSC SLs are not established, the United States Environmental Protection Agency (EPA) Regional Screening levels (RSLs) for residential soil, May 2024 were used.

- For TPH, groundwater VOCs, and OCPs, based on prior conversations with the applicable regulatory agencies, SCS uses the SFRWQCB Tier 1 ESLs (2019, Revision 2), which provide conservative screening levels for soil and groundwater impacted with petroleum hydrocarbons and OCPs. The ESLs are intended to help expedite the identification and evaluation of potential environmental concerns.

COMPARISON OF TPH, VOC, OCP, AND METALS CONCENTRATIONS IN SOIL TO REMEDIATION CRITERIA

A comparison of the following CoCs in soil to the remediation criteria at the targeted features of concern are organized as follows:

- Discovered UST – Soil samples collected for this feature of concern are from borings SB-UST-24-1, -2, and -3, which were collected during the May 2024 sampling event to further delineate samples collected from trench T13 where the UST was discovered. TPH and VOCs result comparisons to Remediation Criteria for samples collected from borings SB-UST-24-1, -2, and -3 are discussed in the specified sections below and also information on how this relates to samples collected from previous trench T13 and the extent of TPH and VOC bearing soil in this area. In addition, two groundwater samples were collected from borings

SB-UST-24-2 and SB-UST-24-3 and the TPH and VOC result comparisons to remediation criteria are also discussed in the specified sections below.

- Former burn dump area - Soil samples collected for this feature of concern are from trenches T33, T34, T36, T37, T39 through T42, and direct push borings SG-SB-24-1, -2, and -3, which were collected during this sampling event to further delineate elevated concentrations of lead and other metals in samples previously collected from trenches T3 – T10, T23 and T24 and direct push boring A-23-012 from previous sampling events. Lead and metals result comparisons are discussed in the indicated sections below. In addition, select samples from these trenches and specified borings for this current sampling event were also analyzed for TPH (2 samples), OCPs (8 samples), and VOCs (1 sample) where all of these samples indicated below their laboratory associated reporting limits except T38-3.5, that indicated a result of 52 mg/kg of TPHo, which is above the Waste-Based Remediation-Criteria (i.e., Tier 1 SSLs) but below the Risk-Based Remediation Criteria (i.e., SFBRWQCB ESLs). Therefore, if soil represented by sample T38-3.5 is exported from the Site, this soil would be considered a regulated waste and would likely be considered a non-hazardous regulated waste and would need to be disposed of at an appropriately permitted facility (e.g., landfill). Additionally, based on these samples collected and analyzed for TPH, VOCs, and OCPs in the former burn dump area, this soil is not considered to represent a human health risk to future residential users of the Site in comparison to these SSLs, although see below for details on comparison of the metals data from these samples and the extent of the higher concentrations of lead and metals found in this area of the Site.

- Hand Auger Samples - Pesticide bearing soils at Soma and General Sampling of Dixieline Lumber, Salvation Army, and Sports Arena Contractor Service Yards – Soil samples were collected from the Soma parking lot (Parcel C), the maintenance area situated in the northeastern portion of Parcel A, and throughout the Dixieline property with hand auger borings HA-24-001 to HA-24-017, HA-24-019 to HA-24-034, and HA-24-015A. Select samples from these borings were collected during this sampling event to further delineate elevated concentrations of the OCP chlordane found in sample DP-23-038-2.5 in the southern portion of the Soma parking lot from a previous sampling event and the rest were collected for general Site screening purposes. OCP and metals result comparisons for these areas are discussed in the specified sections below. In addition, select hand auger samples were also analyzed for TPH (24 samples) and VOCs (4 samples). Eleven of the 24 soil samples analyzed for TPH in these areas were reported with detectable concentrations of TPH, with maximum concentrations of 13 mg/kg for TPHg, 20 mg/kg for TPHd, and 190 mg/kg for TPHo, which is above the Waste-Based Remediation-Criteria (i.e., Tier 1 SSLs) but below the Risk-Based Remediation Criteria (i.e., SFBRWQCB ESLs). Therefore, if soil represented by these samples with detectable concentrations of TPH are exported from the Site, this soil would be considered a regulated waste and would likely be considered a non-hazardous regulated waste and would need to be disposed of at an appropriately permitted facility (e.g., landfill). Additionally, based on these soil samples collected and analyzed for TPH and VOCs in these areas, this soil is not considered to represent a human health risk to future residential users of the Site in comparison to the Health Risk-Based Remediation Criteria, although see below for details on comparison of these samples to the OCP and metals data and the extent of the higher concentrations of OCPs and metals found in these areas of the Site, in particular in the Soma parking lot, for which exceedances to the Health Risk-Based Remediation Criteria were reported.

TPH in Soil for Discovered UST

Soil analytical results for TPH collected at the discovered UST located in the western portion of the Site were compared to Waste-Based Remediation-Criteria (i.e., Tier 1 SSLs) and Risk-Based Remediation Criteria (i.e., SFBRWQCB ESLs) as summarized in the table below.

Analyte	Maximum Site Concentration (mg/kg)	Waste-Based Screening[1]		Health Risk-Based Screening[2]	
		Tier 1 SSL (mg/kg)	Above Tier 1 SSL?	Remediation Criteria (mg/kg)	Above Remediation Criteria?
TPHg	73	ND	Yes	430	No
TPHd	1,900	ND	Yes	260	Yes
TPHo	130	ND	Yes	12,000	No

Notes:
mg/kg: milligrams per kilogram.
1: Waste-Based Screening - Regional Water Quality Control Board (RWQCB) Tier 1 Soil Screening Levels (SSLs) for waste, March 2024. For inert waste soils that can be reused without restriction.
2: Risk-Based Remediation Criteria - San Francisco Bay Regional Water Quality Control Board (SFBRWQCB), Environmental Screening Levels for residential users (ESLs) (2019, Rev. 2). Risk value was not established; the non-cancer hazard value was used.
TPHg: TPH as gasoline.
TPHd: TPH as diesel.
TPHo: TPH as oil.
ND: Not detected above the laboratory reporting limit.
Red font = the maximum Site concentration for a particular TPH exceeds the Waste-Based Remediation Criteria or Health Risk-Based Remediation Criteria.

Comparison of Reported TPH Concentrations to Health Risk-Based Screening Values for the Discovered UST

Although detectable concentrations of TPH were reported to be present in 4 of the 13 samples analyzed at the discovered UST, only two samples (samples SB-UST-24-1-7 and SB-UST-24-1-9) were reported to exceed the Health Risk-Based Remediation Criteria (i.e., SFBRWQCB ESLs) for TPH. Samples SB-UST-24-1-7 and SB-UST-24-1-9 were reported with TPHd concentrations of 1,900 mg/kg and 890 mg/kg respectively, which exceeds the ESL of 260 mg/kg. In addition, from previous sampling of trench T13, where the UST was found, sample T-13-3-NE and T13-7 indicated concentrations of TPHg and/or TPHd that exceed health risk criteria. SCS recommends this soil be excavated, segregated, and properly managed during grading and excavation activities (i.e., either managed on-Site under a clean soil cap under oversight and approval from the DEHQ, or exported to a properly licensed facility (e.g., landfill) as a regulated waste.

The estimated extent of TPH-bearing soil that exceeds the ESLs is depicted on Figure 10. It is likely that the extent of petroleum hydrocarbon-bearing soil is generally limited to the vicinity of the UST. Further assessment may be conducted at the time the UST is removed.

The remainder of soil samples analyzed for TPH were reported to be below the Health Risk-Based Remediation Criteria. Therefore, based on the remainder of soil samples collected and analyzed for TPH, this soil is not considered to represent a human health risk to future residential users of the Site in comparison to the ESLs, and can be freely graded on-Site during grading activities.

Comparison of Reported TPH Concentrations to Waste-Based Screening Values for the Discovered UST

The 4 soil samples collected in May 2024 reported with detectable concentrations of TPH (SB-UST-24-1-7, SB-UST-24-1-9, SB-UST-24-3-5, and SB-UST-24-3-10) exceed the Tier 1 SSLs as stipulated in the RWQCB Waiver. Therefore, if soil represented by these samples is exported from the Site, this soil would be considered a regulated waste and would likely be considered a non-hazardous regulated waste and would need to be disposed of at an appropriately permitted facility (e.g., landfill or treatment facility).

VOCs Soil for the Discovered UST

Soil analytical results for VOCs collected at the discovered UST located in the western portion of the Site were compared to Waste-Based Remediation-Criteria (i.e., Tier 1 SSLs) and Risk-Based Remediation Criteria (i.e., DTSC-SLs) as summarized in the table below.

VOCs	Maximum Site Concentration	Waste-Based Screening[1]		Health Risk-Based Screening[2]	
		Tier 1 SSL	Above Tier 1 SSL?	Residential SFBRWQCB ESL/ DTSC RSL/ EPA RSL	Above SFBRWQCB ESL/ DTSC RSL/ EPA RSL?
	(µg/kg)				
1,2,4-Trimethylbenzene	330	ND	Yes	300,000	No
n-Butylbenzene	640	ND	Yes	2,400,000	No

Notes:
µg/kg: micrograms per kilogram.
1) Waste-Based Screening - Regional Water Quality Control Board (RWQCB) Tier 1 Soil Screening Levels (SSLs) for waste, May 2019. For inert waste soils that can be reused without restriction.
2) Health Risk-Based Criteria - For VOCs the Human Health Risk Assessment Note 3 - DTSC-Modified Screening Levels (DTSC-SLs), Table 3 - Screening Levels for Soil Analytes. Residential. June 2020 Update, Revised May 2022.
ND = non-detect above the specified laboratory reporting limits.
Red font = the maximum Site concentration for a particular VOC exceeds the waste-based screening criteria or health risk-based screening criteria.

Comparison of VOC Concentrations to Health Risk-Based Remediation Criteria (i.e., for Soil That Remains on-Site) for the Discovered UST

Although detectable concentrations of VOCs were reported to be present in 1 of the 4 samples collected and analyzed in the area near the discovered UST, none of these concentrations were found to exceed the Health Risk-Based Remediation Criteria (i.e., DTSC SLs) for VOCs. Therefore, based on the soil samples collected and analyzed for VOCs, the soil is not considered to represent a human health risk to future residential users of the Site in comparison to the SLs, and can be freely graded on-Site during grading activities. This also indicates that elevated concentrations of naphthalene in sample T-13-7 that was reported in a previous assessment is limited to this sample area and is recommended to be excavated alongside the TPH bearing soil in the area (Figure 10).

Comparison of VOC Concentrations to Waste-Based Remediation Criteria (i.e., for Soil Export) for the Discovered UST

Regarding waste-based screening criteria, detectable concentrations of chemical constituents such as VOCs would be considered a regulated waste if exported from the Site per the RWQCB Tier 1

SSLs. A total of 1 of the 4 soil samples (sample SB-UST-24-1-9) analyzed for VOCs was reported with detectable concentrations of VOCs; soil represented by this sample would be considered a regulated waste if exported from the Site. Since hazardous waste criteria are not established based on the reported VOC constituents, the regulated waste soil would likely be considered a non-hazardous regulated waste if exported from the Site based on the VOC concentrations alone.

OCPs in Soil from the Hand Auger Samples

Soil analytical results for OCPs from the hand auger to borings at Soma and general soil sampling at the Dixieline Lumber, the Salvation Army and Sports Arena Contractor Service Yards were compared to Waste-Based Remediation-Criteria (i.e., Tier 1 SSLs) and Risk-Based Remediation Criteria (i.e., SFBRWQCB ESLs) as summarized in the table below.

VOCs	Maximum Site Concentration	Waste-Based Screening[1]		Health Risk-Based Screening[2]	
		Tier 1 SSL	Above Tier 1 SSL?	Residential SFBRWQCB ESL/ DTSC RSL/ EPA RSL	Above SFBRWQCB ESL/ DTSC RSL/ EPA RSL?
	(µg/kg)				
DDE	8.7	ND	Yes	1,800	No
Heptachlor	27	ND	Yes	130	No
Heptachlor epoxide	6.0	ND	Yes	70	No
Chlordane	1,800	ND	Yes	480	Yes

Notes:

µg/kg: micrograms per kilogram.

1) Waste-Based Screening - Regional Water Quality Control Board (RWQCB) Tier 1 Soil Screening Levels (SSLs) for waste, May 2019. For inert waste soils that can be reused without restriction.

2) Health Risk-Based Criteria - For OCPs based on The San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) Environmental Screening Levels (ESLs) for residential users, dated 2019 (revised).

ND = non-detect above the specified laboratory reporting limits.

Red font = the maximum Site concentration for a particular OCP exceeds the waste-based screening criteria or health risk-based screening criteria.

Comparison of OCP Concentrations Collected by Hand Auger to Health Risk-Based Remediation Criteria (i.e., for Soil That Remains on-Site)

Although detectable concentrations of OCPs collected by hand auger were reported to be present in 47 of the 81 samples analyzed, 28 samples were reported to exceed the Health Risk-Based Remediation Criteria (i.e., SFBRWQCB ESLs) for chlordane of 480 µg/kg for residential land use.

The estimated extent of chlordane-bearing soil that exceeds the ESLs is depicted on Figure 15B. The lateral and vertical extent of this soil has been defined by samples to the north (from borings HA-24-016, HA-24-017, and HA-24-031), west (from borings HA-24-12, HA-24-32, and HA-24-33), east (HA-24-008, HA-24-011, and HA-24-017), and to the south by the Site property line. The vertical extent of this soil is estimated to be present from the ground surface down to depths ranging from approximately 1.5 feet deep to 6 feet deep plus (note that vertical delineation was not achieved in boring HA-24-015A to the maximum depth sampled of 5 feet bgs). It is recommended that soil represented by samples that exceed the Health Risk-Based Remediation Criteria be properly managed during construction and grading activities (i.e., either exported from the Site to a properly licensed facility, or reused on Site within a soil management zone upon approval from the overseeing regulatory agency).

The remainder of soil samples analyzed for OCPs were reported to be below the Health Risk-Based Remediation Criteria. Therefore, based on the remainder of soil samples collected and analyzed for OCPs, this soil is not considered to represent a human health risk to future residential users of the Site in comparison to the ESLs, and can be freely graded on-Site during grading activities.

Comparison of OCP Concentrations to Waste-Based Remediation Criteria (i.e., for Soil Export)

Regarding waste-based screening criteria, detectable concentrations of chemical constituents such as OCPs would be considered a regulated waste if exported from the Site per the RWQCB Tier 1 SSLs. A total of 41 of the 81 soil samples analyzed for OCPs were reported with detectable concentrations of OCPs; soil represented by these samples would be considered a regulated waste if exported from the Site.

Additionally, a total of 15 of the 81 soil samples analyzed for OCPs were reported to exceed the Hazardous Waste-Based Remediation Criteria (i.e., Total Threshold Limit Concentrations [TTLCs] as defined by CA Title 22) for chlordane of 2,500 µg/kg. These 15 soil samples were collected from depths ranging from approximately 0.5 to 4 feet bgs at the Site and reported with chlordane concentrations ranging from 2,600 µg/kg to 19,000 µg/kg.

Chlordane leachability tests were completed on 14 soil samples, which were collected from depths ranging from approximately 0.5 to 4.0 feet below grade and reported with total chlordane concentrations ranging from 650 to 9,500 µg/kg. Samples HA-24-001-1.5, HA-24-001-3, HA-24-001-4, HA-24-004-0.5, and HA-24-005-0.5 were analyzed using the WET for chlordane and all indicated results below the laboratory reporting limit for WET chlordane, which is below the Hazardous Waste-Based Remediation Criteria (i.e., Soluble Threshold Limit Concentration [STLC] for chlordane of 250 micrograms per liter (µg/L). The toxicity characteristic leaching procedure (TCLP) analysis was completed for soil samples HA-24-002-0.5, HA-24-003-0.5, HA-24-006-0.5, HA-24-007-0.5, HA-24-009-0.5, HA-24-015A-0.5, HA-24-015A-2.5, HA-24-034-0.5, and HA-24-034-2.5. Note that due to insufficient sample volume, a TCLP test could not be completed for HA-24-015-0.5 and HA-24-015-1.5, although this area was resampled as indicated by boring HA-24-015A, and samples HA-24-015A-0.5 and HA-24-015A-2.5 were analyzed for TCLP for this area. The TCLP results for these samples were all below the laboratory reporting limit for TCLP chlordane except sample HA-24-007-0.5 is 3.9 µg/L, which was reported to be below the Hazardous Waste-Based Remediation Criteria (i.e., Maximum Concentration of Contaminants for the Toxicity Characteristic [MCCTC] for of 30 µg/L); therefore, soil represented by sample these samples would not be considered a California hazardous waste if excavated and exported from the Site. However, the TTLC exceedances for chlordane from these samples do indicate that soil represented by these samples would be considered a California hazardous waste if exported from the Site. A summary table including select samples that exceed the Waste-Based Remediation Criteria and all samples that exceed the Hazardous Waste-Based Criteria and leachability tests is presented below:

Sample	Depth (feet)	Total Chlordane Concentration (µg/kg)	Leaching Potential Testing Performed?	STLC WET (µg/l)	TCLP (µg/l)
HA-24-001-1.5	1.5	1,200	Yes	< 2.0	--
HA-24-001-3	3	650	Yes	< 2.0	--
HA-24-001-4	4	1,500	Yes	< 2.0	--
HA-24-002-0.5	0.5	3,800	Yes	--	< 2.0
HA-24-003-0.5	0.5	2,800	Yes	--	< 2.0

HA-24-004-0.5	0.5	2,400	Yes	< 2.0	--
HA-24-005-0.5	0.5	1,700	Yes	< 2.0	--
HA-24-006-0.5	0.5	5,400	Yes	--	< 2.0
HA-24-007-0.5	0.5	9,500	Yes	--	3.9
HA-24-009-0.5	0.5	3,400	Yes	--	< 2.0
HA-24-009-2.5	2.5	3,300	No	--	--
HA-24-010-0.5	0.5	3,400	No	--	--
HA-24-014-0.5	0.5	2,600	No	--	--
HA-24-015-0.5	0.5	19,000	No	--	--
HA-24-015-1.5	1.2	17,000	No	--	--
HA-24-015A-0.5	0.5	5,400	Yes	--	< 2.9
HA-24-015A-2.5	2.5	2,900	Yes	--	< 2.2
HA-24-015A-4	4	4,400	No	--	--
HA-24-034-0.5	0.5	7,200	Yes	--	< 2.8
HA-24-034-2.5	2.5	5,800	Yes	--	< 2.6
Hazardous Waste Criteria		2,500		250	30

Notes:
Red font indicates results above Hazardous Waste-Based regulatory screening criteria.
Blue font indicates results above Health Risk-Based regulatory screening criteria.
µg/kg = micrograms per kilogram.
µg/L = micrograms per liter.

It is recommended that the soil represented by samples that exceed the Hazardous Waste-Based Criteria be properly managed during construction and grading activities (i.e., either exported from the Site to a properly licensed facility, or reused on Site within a soil management zone upon approval from the overseeing regulatory agency).

Comparison of Metals Concentrations to Waste-Based Remediation Criteria (i.e., for Soil Export) for the Former Burn Dump Area

The analytical results of the Title 22 metal analyses were compared to the respective Tier 1 SSL for each metal for the samples collected near the former burn dump located in the southwest portion of the Site, which are established in the San Diego RWQCB Waiver[2] and apply to waste export (i.e., for soil that is exported from the Site only). Tier 1 SSLs were exceeded in select sample results for antimony, arsenic, barium, copper, lead, mercury, silver, and zinc.

Title 22 Metal	Number of Samples Analyzed	Maximum Site Concentration (mg/kg)	Waste-Based Screening		Health Risk-Based Screening	
			Tier 1 SSL (mg/kg)	Tier 1 SSL (mg/kg)	DTSC RSL/ EPA RSL (mg/kg)	Above DTSC RSL/ EPA RSL?
Antimony	5	5.1	5	Yes	31	No
Arsenic	5	9.7	3.5	Yes	12*	No
Barium	5	1,300	509	Yes	15,000	No
Beryllium	5	0.90	4.0	No	1,600	No
Cadmium	5	0.93	4.0	No	910	No
Chromium	5	35	122	No	NE	No
Cobalt	5	10	20	No	23	No
Copper	5	160	60	Yes	3,200	No
Lead	38	1,600	23.9	Yes	80	Yes
Mercury	5	3.0	0.26	Yes	1.0	Yes
Molybdenum	5	ND	2.0	No	390	No
Nickel	5	18	57	No	15,000	No

Title 22 Metal	Number of Samples Analyzed	Maximum Site Concentration (mg/kg)	Waste-Based Screening		Health Risk-Based Screening	
			Tier 1 SSL (mg/kg)	Tier 1 SSL (mg/kg)	DTSC RSL/ EPA RSL (mg/kg)	Above DTSC RSL/ EPA RSL?
Selenium	5	ND	0.21	No	390	No
Silver	5	2.2	2.0	Yes	390	No
Thallium	5	ND	0.78	No	12	No
Vanadium	5	68	112	No	1,200	No
Zinc	5	650	149	Yes	350,000	No

Notes:
mg/kg = milligrams per kilogram.
Waste-Based Screening - Tier 1 SSLs = Tier 1 Soil Screening Level for inert waste soils that can be reused without restriction. For exceedances, the 90 percent upper confidence limit was used to derive a Site-specific value, as discussed in the Report below.
Risk-Based Screening – DTSC RSL/ EPA RSL = Risk-Based Remediation Criteria - For metals, the DTSC HERO HHRA Note Number: 3, June 2020, revised May 2022, using the RSLs for residential soil and cancer endpoint, or, for other metals not listed in HHRA Note 3, the Regional Screening levels for residential soil, provided by the EPA and updated as of May 2023 were used.
< - Concentration reported below the listed laboratory reporting limit.
* - For arsenic, although the DTSC RSL is 0.11 mg/kg, concentrations of naturally occurring arsenic typically exceed human health risk screening criteria. Therefore, the DTSC upper-bound background concentration for arsenic of 12 mg/kg was used.
ND = Not detected above the respective laboratory reporting limits.
NE = Not established.
Red font – the maximum Site concentration for a particular metal exceeds the Tier 1 SSL.

Arsenic – For the trench samples and SG-SB-24-1, -2, and -3 samples collected during this sampling event, 4 of the 5 soil samples analyzed for metals were reported to exceed the Tier 1 SSL for arsenic (see Table 2); they were collected from depths of approximately 4.0 to 5.0 feet on Site and reported with arsenic concentrations ranging from 4.2 mg/kg to 9.7 mg/kg.

Although arsenic was reported to exceed the Tier 1 SSL for soil that is exported, the concentrations for the levels reported are within typical background concentration ranges. DTSC Human Health Risk Assessment (HHRA) Note Number 11, Southern California Ambient Arsenic Screening Level released December 28, 2020[4] reports that the upper-bound background concentration for arsenic in southern California soil is 12 mg/kg. Therefore, the highest concentration of 9.7 mg/kg is below the upper-bound background concentration of 12 mg/kg established by the DTSC. Therefore, the reported arsenic concentrations in shallow soil at the Site during this sampling event are within the range of typical background concentrations and may not be indicative of a release of arsenic.

Note, however, from previous sampling events, 7 of the previous samples analyzed, reported concentrations of arsenic that exceeds the DTSC upper-bound background where these samples will likely require proper management during grading based on their concentrations. All of these samples, except sample DPV-23-051-0.5, also have high concentrations of lead, which is further discussed below.

In addition, one trench sample (T37-4) collected during this sampling event exceeds Waste-Based Remediation Criteria for antimony, arsenic, barium, copper, lead, mercury, silver, and zinc. This

[4] *Human Health Risk Assessment (HHRA) Note Number 11 Southern California Ambient Arsenic Screening Level California Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office (HERO),* Release date: December 28, 2020.

sample is located within the previously identified burned waste/burn ash deposit at the southwest corner of the Site and will likely require proper management during grading based on the concentrations (i.e., either exported from the Site to a properly licensed facility, or reused on Site within a soil management zone upon approval from the overseeing regulatory agency).

Comparison of Metals Concentrations to Health Risk-Based Remediation Criteria (i.e., for Soil that Remains on-Site) for the Former Burn Dump Area

Regarding the comparison of metals concentration from the former burn dump area to Health Risk-Based Remediation Criteria, with the exception of lead and mercury concentrations report during this sampling event of the burn dump area, the reported metals concentrations are below applicable residential Health Risk-Based Remediation Criteria (i.e., DTSC HERO HHRA Note Number 3 SLs, June 2020, revised May 2022, and EPA RSLs, May 2024).

For the metals lead and mercury, concentrations were reported above the DTSC RSL for lead of 80 mg/kg and for mercury of 1.0 mg/kg in 1 of the 38 soil samples analyzed for metals in this area. The one soil sample reported to exceed the DTSC RSL for lead of 80 mg/kg and for mercury of 1.0 mg/kg (sample T37-4) was collected from a depth of approximately 4.0 feet at the Site and reported with lead concentrations of 1,600 mg/kg and mercury concentrations of 3.0 mg/kg. This sample will require proper management during grading based on these concentrations.

In addition, from previous sampling of the burn dump area of the Site, samples A-23-012-2.5 and A-23-012-5.0 and 12 of the previous trench soil samples indicated concentrations of lead, and for some of these samples additional metals as well, in the same sample that exceed health risk criteria. Summary of the vertical extent of the burn ash soil in the southwest portion of the Site is as follows:

Boring ID	Concentration of Lead in mg/kg	Vertical delineation depth in feet below ground surface
A-23-012-2.5	3,500	7.5
A-23-012-5.0	1,400	7.5
T-3 3'	4,200	6
T-4 4'	630	6.5
T-6 4'	3,300	5.5
T-8 4'	2,600	5.5
T-9 4'	6,300	6
T-9 5'	5,000	6
T-11-4'	5,000	5.5
T-23-4	620	8.5
T-23 5'	2,800	8.5
T-23 6.5'	190	8.5
T-24-3.5	4,500	6
T-24-4.5	270	6
T37-4	1,600	5

Lateral delineation is provided by trenches T5, T7, T34, and T38-T42 to the north, and by soil borings SG-SB-24-1, -2, and -3 to the east. The burn dump waste was encountered essentially to the property boundaries to the west and south. SCS recommends this soil be excavated, segregated,

and properly managed during grading and excavation activities (i.e., either managed on-Site under a clean soil cap under oversight and approval from the overseeing regulatory agency, or exported to a properly licensed facility (e.g., landfill) as a regulated waste.

The remainder of soil samples analyzed for metals were reported to be below the Health Risk-Based Remediation Criteria. Therefore, based on the remainder of soil samples collected and analyzed for metals, this soil is not considered to represent a human health risk to future residential users of the Site in comparison to the ESLs, and can be freely graded on-Site during grading activities.

Comparison of Metals Concentrations to Health Risk-Based Remediation Criteria and Waste-Based Remediation Criteria for the Hand Auger Samples

The analytical results of the Title 22 metal analyses from the hand auger soil sampling from the 2024 sampling efforts were compared to the respective Waste-Based Remediation Criteria (i.e., Tier 1 SSL) for each metal, which are established in the San Diego RWQCB Waiver[2] and apply to waste export (i.e., for soil that is exported from the Site only). Tier 1 SSLs were exceeded in select sample results for arsenic, cobalt, lead, and molybdenum. In addition, SCS compared the concentrations of metals detected in the hand auger samples to the Health Risk-Based Remediation Criteria- with the exception of arsenic and cobalt, the reported metals concentrations are below applicable residential Health Risk-Based Remediation Criteria (i.e., DTSC HERO HHRA Note Number 3 SLs, June 2020, revised May 2022, and EPA RSLs, May 2024).

Title 22 Metal	Number of Samples Analyzed	Maximum Site Concentration (mg/kg)	Waste-Based Screening		Health Risk-Based Screening	
			Tier 1 SSL (mg/kg)	Tier 1 SSL (mg/kg)	DTSC RSL/ EPA RSL (mg/kg)	Above DTSC RSL/ EPA RSL?
Antimony	28	ND	5	No	31	No
Arsenic	48	23	3.5	Yes	12*	Yes
Barium	28	500	509	No	15,000	No
Beryllium	28	0.80	4.0	No	1,600	No
Cadmium	28	ND	4.0	No	910	No
Chromium	28	25	122	No	NE	No
Cobalt	28	81	20	Yes	23	Yes
Copper	28	49	60	No	3,200	No
Lead	48	63	23.9	Yes	80	No
Mercury	28	ND	0.26	No	1.0	No
Molybdenum	28	2.9	2.0	Yes	390	No
Nickel	28	9.6	57	No	15,000	No
Selenium	28	ND	0.21	No	390	No
Silver	28	0.71	2.0	No	390	No
Thallium	28	ND	0.78	No	12	No
Vanadium	28	83	112	No	1,200	No
Zinc	28	68	149	No	350,000	No

Notes:
mg/kg = milligrams per kilogram.
Waste-Based Screening - Tier 1 SSLs = Tier 1 Soil Screening Level for inert waste soils that can be reused without restriction. For exceedances, the 90 percent upper confidence limit was used to derive a Site-specific value, as discussed in the Report below.

Risk-Based Screening – DTSC RSL/ EPA RSL = Risk-Based Remediation Criteria - For metals, the DTSC HERO HHRA Note Number: 3, June 2020, revised May 2022, using the RSLs for residential soil and cancer endpoint, or, for other metals not listed in HHRA Note 3, the Regional Screening levels for residential soil, provided by the EPA and updated as of May 2023 were used.
< - Concentration reported below the listed laboratory reporting limit.
* - For arsenic, although the DTSC RSL is 0.11 mg/kg, concentrations of naturally occurring arsenic typically exceed human health risk screening criteria. Therefore, the DTSC upper-bound background concentration for arsenic of 12 mg/kg was used.
ND = Not detected above the respective laboratory reporting limits.
NE = Not established.
Red font – the maximum Site concentration for a particular metal exceeds the Tier 1 SSL.

Statistics can be used in evaluating a data set when there are at least 8 to 10 observations, and the 90 percent upper confidence limit (90UCL) can be used per the Waiver to evaluate metals concentrations. Further, 95 UCL statistics, which are considered more conservative than the 90 UCL, can also be used for evaluating potential health risks, as further discussed below.

Arsenic Evaluation Using the 95 UCL– 3 of the 48 hand auger soil samples collected from the 2024 sampling events exceed the DTSC Southern California Ambient Arsenic Screening Level[5] of 12 mg/kg, with concentrations ranging from 20 mg/kg in sample HA-24-023-0.5 to 23 mg/kg in sample HA-24-027-0.5. UCL statistics were used to further evaluate metals concentrations per the RWQCB Waiver regarding waste pre-characterization in the event this soil is exported off-site. Additionally, in following DTSC Risk Guidance,[6] potential health risks related to arsenic can also be evaluated by comparing the Site-wide 95 UCL to the DTSC Southern California Ambient Arsenic Screening Level of 12 mg/kg.

95 UCL statistics were used to demonstrate that the dataset of arsenic concentrations representing soil intended for free reuse on-Site without restriction can have exceedances to the DTSC Southern California Ambient Arsenic Screening Level of 12 mg/kg. The 48 soil samples analyzed for arsenic, which represent soil that would potentially be freely reused on-Site during grading activities, were used to calculate the 95UCL concentration for arsenic in the hand auger samples of 6.989 mg/kg arsenic using the USEPA statistical software *ProUCL* version 5.2 (Appendix D), which is well below the DTSC Southern California Ambient Arsenic Screening Level of 12 mg/kg.

Therefore, the 95UCL arsenic concentration of 6.989 mg/kg is below the DTSC Southern California Ambient Arsenic Screening Level of 12 mg/kg, and the reported arsenic concentrations in shallow soil at the Site are considered to be acceptable for free reuse on-Site. Further, the Midway Rising project will require significant quantities of soil import for soil balance purposes, indicating that a soil buffer will be added to the existing grades at the Site.

Cobalt, Lead, and Molybdenum Evaluations Using the 95 UCL– As mentioned in the "Arsenic Evaluation Using the 95 UCL" section above, UCL statistics were used to further evaluate metals concentrations per the RWQCB Waiver regarding waste pre-characterization in the event this soil is exported off-site, as well as per DTSC Risk Guidance to evaluate potential health risks related to cobalt, lead, and molybdenum by comparing the Site-wide 95 UCL to Waste-Based Remediation Criteria and Health Risk-Based Remediation Criteria, respectively.

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5 *Human Health Risk Assessment (HHRA) Note Number 11 Southern California Ambient Arsenic Screening Level California Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office (HERO),* Release date: December 28, 2020.

6 DTSC Risk Guidance: DTSC. 2019. Human Health Risk Assessment Note Number 4. Issue Date: May 14, 2019. Issue: Guidance for Screening Level Human Health Risk Assessment. Sacramento.

Cobalt - the soil sample with 81 mg/kg cobalt represented by sample HA-24-034-0.5 is situated in the area of the reported chlordane-bearing soil that is recommended to be excavated and properly managed during construction. The remainder of reported cobalt exceedances to the Health Risk-Based Remediation Criteria (i.e., the residential EPA RSL) (i.e., samples HA-24-025-0.5, HA-24-028-0.5, HA-24-033-0.5) were reported to range in concentration from 24 to 62 mg/kg cobalt. The 95UCL concentration for cobalt in the hand auger samples for the 27 hand auger soil samples not including sample HA-24-034-0.5 is 16.04 mg/kg (Appendix D), which is below the Waste-Based Remediation Criteria (i.e., Tier 1 SSL) of 20 mg/kg for cobalt as well as the Health Risk-Based Remediation Criteria (i.e., EPA RSL) for cobalt of 23 mg/kg. Therefore, the 95UCL cobalt concentration of 16.04 mg/kg in shallow soil at the Site is considered to be acceptable for free reuse on- and off-Site. Further, the Midway Rising project will require significant quantities of soil import for soil balance purposes, which will ultimately add a soil buffer to the existing grades at the Site.

Lead - The 95UCL concentration for lead in the hand auger samples is 12.95 mg/kg (Appendix D), which is below the Waste-Based Remediation Criteria (i.e., Tier 1 SSL) of 23.9 mg/kg for lead, as well as the Health Risk-Based Remediation Criteria (i.e., residential DTSC SL) of 80 mg/kg lead. Therefore, the 95UCL lead concentration of 16.04 mg/kg in shallow soil at the Site is considered to be acceptable for free reuse on- and off-Site.

Molybdenum - The 95UCL concentration for lead in the hand auger samples is 1.256 mg/kg (Appendix D), which is below the Waste-Based Remediation Criteria (i.e., Tier 1 SSL) of 2.0 mg/kg for molybdenum, as well as the Health Risk-Based Remediation Criteria (i.e., residential EPA RSL) of 390 mg/kg molybdenum. Therefore, the 95UCL molybdenum concentration of 1.256 mg/kg in shallow soil at the Site is considered to be acceptable for free reuse on- and off-Site.

COMPARISON OF TPH, VOC, AND OCP CONCENTRATIONS IN GROUNDWATER TO REMEDIATION CRITERIA

TPH Groundwater

Groundwater analytical results for TPH were compared to Risk-Based Remediation Criteria (i.e., SFBRWQCB ESLs) as summarized in the table below.

Analyte	Maximum Site Concentration (mg/L)	Health Risk-Based Screening[1]	
		Remediation Criteria (mg/L)	Above Remediation Criteria?
TPHg	0.84	100	No
TPHd	3.4	100	No
TPHo	ND	NE	No

Notes:
mg/L: milligrams per liter.
1: Risk-Based Remediation Criteria - San Francisco Bay Regional Water Quality Control Board (SFBRWQCB), Environmental Screening Levels for residential users (ESLs) (2019, Rev. 2). Risk value was not established; the non-cancer hazard value was used.
TPHg: TPH as gasoline.
TPHd: TPH as diesel.
TPHo: TPH as oil.
ND: Not detected above the laboratory reporting limit.
NE: Not established.
Red font = the maximum Site concentration for a particular exceeds the Waste-Based Remediation Criteria or Health Risk-Based Remediation Criteria.

Comparison of Reported TPH Concentrations to Health Risk-Based Screening Values

Although detectable concentrations of TPH were reported to be present in the 2 samples analyzed during this sampling event, all of the groundwater samples analyzed for TPH were reported to be below the Health Risk-Based Remediation Criteria, which is also what was found from the groundwater samples analyzed for TPH during previous sampling events.

VOCs Groundwater

Groundwater analytical results for VOCs were compared to Risk-Based Remediation Criteria (i.e., DTSC-SLs) as summarized in the table below.

VOCs	Maximum Site Concentration	Health Risk-Based Screening[1]	
		Residential SFBRWQCB ESL/	Above SFBRWQCB ESL
	(µg/L)		
m,p-Xylenes	1.6	20	No
o-Xylene	0.6	20	No
1,2,4-Trimethyl-benzene	0.9	NE	No
Naphthalene	5.4	0.17	Yes

Notes:
µg/L: micrograms per liter.
NE: Not established
1) Health Risk-Based Criteria - For VOCs the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB), Environmental Screening Levels for residential users (ESLs) (2019, Rev. 2).
Red font = the maximum Site concentration for a particular metal exceeds the waste-based screening criteria or health risk-based screening criteria.

Comparison of VOC Concentrations to Health Risk-Based Remediation Criteria

Detectable concentrations of VOCs were reported to be present in the 2 samples analyzed during this event. Except for the reported concentration of 5.4 µg/L of naphthalene in sample SB-UST-24-2-W during this sampling event, all VOC analytes were reported either below the laboratory reporting limits or at concentrations below the reported Risk-Based Screening Criteria (i.e., SFRWQCB ESLs) for VOCs for all groundwater samples collected at the Site.

Groundwater sample SB-UST-24-2-W was reported with a concentration of naphthalene at 5.4 µg/L, which is above the Health Risk-Based Screening Criteria (i.e., SFRWQCB ESLs) of 0.17 µg/L. The location of this sample was collected approximately 16 feet to the north of the UST that was discovered in trench T13 near the UST in the western portion of the Site. Soil samples from previous sampling events also indicated elevated naphthalene in sample T-13-7 that was collected from trench T13, and is the likely source of naphthalene in this area that is impacting the groundwater. With the removal of the TPH and VOC impacted soil in this area, as described above, VOC impacts to the groundwater are expected to be mitigated. Confirmation groundwater sampling after the UST and impacted soil has been removed in this area can be collected to verify if naphthalene groundwater impacts remain a Health-Risk.

VAPOR INTRUSION RISK SCREENING (VIRS)

Since VOCs (including F12, chloromethane, carbon disulfide, MEK, chloroform, benzene, MIBK, toluene, MBK, chlorobenzene, ethylbenzene, m,p-xylene, styrene, o-xylene, PCE, 4-ethyltoluene, 1,3,5-trimethylbenzene, and 1,2,4-trimethylbenzene) were reported to be present in soil vapor above

the laboratory reporting limits during the February and March 2023 and May 2024 sampling events, a VIRS was conducted for the Site (Table 4) to assess the potential for Significant human health risk posed to occupants of the existing and proposed commercial buildings and the proposed future residential buildings due to the upward migration of VOCs in soil vapor.

The LCC is a known leak check compound used during soil vapor sampling and was therefore not included in the screening.

Approach

VOC-bearing soil vapor may originate from impacted soil or groundwater. In this case, VOCs in soil vapor are interpreted to be from possible subsurface impacts in connection with the on-Site gasoline service station, the former Dixieline UST, and the discovered UST within the western parking lot at the Site for samples collected in these areas, and for samples in the other areas of the Site it is not clear whether these VOCs in soil vapor resulted from an on- or off-Site source. The VIRS was conducted using analytical soil vapor data collected during all sampling events (including February and March 2023 and May 2024) and the DTSC default Attenuation Factors (AF) for an existing commercial building and future residential building of 0.001, as well as 0.0005 for a possible future commercial building in the event that the Site is redeveloped, as recommended in DTSC's Final Guidance for the Evaluation and Remediation of Subsurface Vapor Intrusion to Indoor Air (DTSC 2011 Vapor Intrusion Guidance)[7]. In addition, a conservative AF of 0.03 is also considered based on the recommendation presented in the California Environmental Protection Agency's (Cal EPA) Final Draft Supplemental Guidance: Screening and Evaluating Vapor Intrusion (Supplemental Draft Guidance)[8]. To be conservative, the AFs were then applied to the highest reported concentration of each constituent reported in soil vapor. The resulting values were compared against the DTSC-Modified Screening Levels (DTSC-SLs) provided in DTSC Human Health Risk Assessment (HHRA) Note 3[9] in conjunction with DTSC HHRA Note 4[10]. For chemicals not listed in HHRA Note 3, the USEPA Regional Screening Levels (RSLs)[11] were used.

DTSC/CalEPA VIRS Results

In the table below, the highest reported concentration of each constituent reported in soil vapor was multiplied by the default attenuation factors for an existing commercial use/future residential use and a proposed commercial use as recommended in the DTSC 2011 Vapor Intrusion Guidance, as well as the CalEPA recommended attenuation factor of 0.03 from the Supplemental Draft Guidance, to obtain a predicted indoor air concentration. To evaluate for a potential vapor intrusion risk, the resulting values were compared against the DTSC-Modified Screening Levels (DTSC-SLs) provided in DTSC Human Health Risk Assessment (HHRA) Note 3, or, if a DTSC-SL has not been established for a constituent (e.g., chloroform), the Environmental Protection Agency (EPA) Regional Screening Level (RSL) dated May 2024, was used.

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7 Department of Toxic Substances Control (DTSC), State of California Vapor Intrusion Guidance Document - Final, dated October 2011. Table 2 - Attenuation Factors for Preliminary Screening Evaluations of the Vapor Intrusion Guidance.

8 *Supplemental Guidance: Screening and Evaluating Vapor Intrusion, Final Draft*, (Supplemental Draft Guidance) February 2023, prepared by California Environmental Protection Agency (Cal EPA).

9 Human Health Risk Assessment Note 3 - DTSC-Modified Screening Levels (DTSC-SLs), Table 3 - Screening Levels for Ambient Air, June 2020 Update Revised May 2022.

10 Human Health Risk Assessment Note 4 – Guidance for Screening Level Human Health Risk Assessments, March 29, 2022.

11 Regional Screening Levels (RSLs) for commercial/industrial soil, provided by the EPA and updated as of May 2022.

VOC	Maximum Concentration Detected at the Site	DTSC 2011 Guidance		Supplemental CalEPA 2023 Draft Guidance	DTSC/EPA Screening Levels[4] Commercial/ Residential	Action Recommended (based on attenuation factors described herein)
		Predicted Indoor Air Concentration for Existing Commercial and Future Residential Use[1]	Predicted Indoor Air Concentration for Future Commercial Use[2]	Predicted Indoor Air Concentration using 0.03 Attenuation Factor[3]		
	(µg/m3)					
F12	5.5	0.087	0.00275	0.165	440/100	No
Chloromethane	2.1	0.0021	0.00105	0.063	390/94	No
Carbon disulfide	24	0.024	0.012	0.72	3,100/730	No
MEK	84	0.084	0.042	2.52	22,000/5,200	No
Chloroform	8.4	0.0084	0.0042	0.252	0.53/0.12	Yes
Benzene	38,000	38	19	1,140	0.42/0.097	Yes
MIBK	61	0.061	0.0305	1.83	13,000/3,100	No
Toluene	130	0.13	0.065	3.9	1,300/310	No
MBK	13	0.013	0.0065	0.39	130/31	No
Chlorobenzene	8.2	0.0082	0.0041	0.246	220/52	No
Ethylbenzene	870	0.870	0.435	26.1	4.9/1.1	Yes
m,p-Xylene	9,100	9.1	4.6	273	440/110	Yes
Styrene	17	0.017	0.009	0.51	3,900/940	No
o-Xylene	990	0.990	0.495	29.7	440/100	No
PCE	79	0.079	0.040	2.4	2/0.46	Yes
4-Ethyltoluene	26	0.026	0.013	0.78	NE	No
1,3,5-Trimethyl-benzene	31	0.031	0.0155	0.93	260/63	No
1,2,4-Trimethyl-benzene	82	0.082	0.041	2.46	260/63	No

Notes:

µg/m^3 – micrograms per cubic meter.

Red font indicates an exceedance of a commercial and residential screening levels for the constituent.

Blue font indicates an exceedance of the residential screening level only for the constituent.

1 Maximum soil vapor concentration multiplied by the default Department of Substances Control (DTSC) attenuation factor of 0.001 for an existing commercial building and future residential building, per Table 2 - Attenuation Factors for Preliminary Screening Evaluations of the *Final Guidance for the Evaluation and Remediation of Subsurface Intrusion to Indoor Air* (Vapor Intrusion Guidance), prepared by the DTSC and dated October 2011.

2 Maximum soil vapor concentration multiplied by the default DTSC attenuation factor of 0.0005 for a future commercial building, per Table 2 - Attenuation Factors for Preliminary Screening Evaluations of the Vapor Intrusion Guidance.

3 As recommended in the *Supplemental Guidance: Screening and Evaluating Vapor Intrusion, Final Draft*, February 2023, (Supplemental Draft Guidance) prepared by California Environmental Protection Agency (Cal EPA).

4 Human Health Risk Assessment Note 3 - DTSC-Modified Screening Levels (DTSC-SLs), Table 3 - Screening Levels for Ambient Air. Commercial/Industrial June 2020 Update, Revised May 2022. For constituents for which a DTSC-SL is not available (F12, chloromethane, carbon disulfide, MEK, MIBK, MBK, chlorobenzene, ethylbenzene, xylenes, 1,3,5- and

1,2,4-trimethylbenzene, and chloroform), the Regional Screening Level (RSL) provided by the U.S. Environmental Protection Agency (EPA) and updated May 2024 was used.

DTSC 2011 Attenuation Factor Results

After applying the applicable DTSC attenuation factors of 0.001 for the existing commercial and future residential land use and 0.0005 for the future commercial land use to the maximum reported concentrations of VOCs in soil vapor beneath the Site (F12, chloromethane, carbon disulfide, MEK, chloroform, benzene, MIBK, toluene, MBK, chlorobenzene, ethylbenzene, m,p-xylene, styrene, o-xylene, PCE, 4-ethyltoluene, 1,3,5-trimethylbenzene, and 1,2,4-trimethylbenzene), the maximum theoretical concentrations of benzene in indoor air at the Site exceed the commercial screening level of 0.42 µg/m^3 and the residential screening level of 0.097 µg/m^3, indicating a potential Significant human health risk for both the current commercial and possible future commercial and residential buildings at the Site as a result of vapor intrusion of benzene.

Supplemental Draft Guidance 2023 Attenuation Factor Results

After applying the applicable CalEPA-recommended attenuation factor of 0.03 to the maximum reported concentrations of VOCs in soil vapor beneath the Site (F12, chloromethane, carbon disulfide, MEK, chloroform, benzene, MIBK, toluene, MBK, chlorobenzene, ethylbenzene, m,p-xylene, styrene, o-xylene, PCE, 4-ethyltoluene, 1,3,5-trimethylbenzene, and 1,2,4-trimethylbenzene), the maximum theoretical concentrations of benzene, ethylbenzene, and PCE in indoor air at the Site exceed the commercial and residential screening levels (DTSC-SLs and RSLs) and chloroform, m,p-xylene and PCE in indoor air at the Site exceed the residential screening levels (DTSC-SLs and RSLs).

VIRS Recommendations – Existing Buildings

Provided the soil vapor sampling is representative of soil vapor conditions beneath the Site (an additional round of soil vapor sampling can be completed to confirm this) and based on current regulatory standards and guidance, several soil vapor samples that are located near existing commercial buildings at the Site exceeded commercial screening levels for benzene, including SV-24-001-5, SV-24-006-5, SV-24-011-5, SV-24-018-5 SV-24-021-5, SV-24-022-5, and SV-24-023-5 (Figure 14C), indicating a potential human health risk due to vapor intrusion at these buildings.

In our experience, the possible human health risk as a result of vapor intrusion for the existing commercial buildings at the Site can be mitigated through the use of engineering controls, such as:

- Increasing building pressurization and/or ventilation
- Sealing potential conduits where vapors may be entering the building
- Treating indoor air (carbon filtration, air purifiers)
- Installing and operating engineered exposure controls (sub-slab depressurization systems)
- Temporarily relocating building occupants

Alternatively, to further assess the findings above, since several USTs are known to have currently or formerly been located at the Site, additional lines of evidence can be obtained such as completing an additional round of soil vapor sampling that would include analysis for fixed gases to assess for compliance with the State Water Resources Control Board Low-Threat Underground Storage Tank Case Closure Policy (LTCP). If soil vapor concentrations comply with the LTCP as well as the applicable vapor intrusion guidance cited above, the

additional round of soil vapor sampling can be considered an additional line of evidence and may obviate the need for vapor intrusion remediation.

VIRS Recommendations – Future Buildings

Provided the soil vapor sampling is representative of soil vapor conditions beneath the Site (an additional round of soil vapor sampling can be completed to confirm this) and based on current regulatory standards and guidance; vapor intrusion remediation will likely be recommended for certain future buildings being considered for the Site due to the reported exceedances of PCE, benzene, chloroform, ethylbenzene, and m,p-xylenes in soil vapor.

Future commercial and residential buildings constructed above areas of exceedances of commercial and residential screening levels at the Site should include vapor intrusion remediation system (VIMS) for all enclosed occupied ground floor spaces. The VIMS should be designed by a licensed Professional Engineer (PE) and consist of a passive-vented system with the option to convert to an active system should the future need arise, with a gas-tight horizontal membrane barrier above.

Based on SCS's understanding of the proposed development plans for the Site (Figure 14C), VIMS may be recommended for all enclosed occupied ground floor spaces of the residential buildings proposed for the western portion of the Site, particularly the southeastern-most proposed residential buildings due to the high concentrations of benzene in soil vapor in that area. In addition, VIMS may be recommended for ground-floor enclosed occupied commercial spaces of two of the proposed mixed-use buildings at the Site (in locations of soil vapor samples SV-24-006-5 and SV-24-011-5), as well as the proposed San Diego Entertainment Center at the eastern portion of the Site. VIMS may also be recommended for any enclosed occupied ground-floor residential spaces for all proposed mixed-use buildings except the one in the location of soil vapor sample SV-024-015-5.

Alternatively, to further assess the findings above, since several USTs are known to have currently or formerly been located at the Site, additional lines of evidence can be obtained such as completing an additional round of soil vapor sampling that would include analysis for fixed gases to assess for compliance with the LTCP, within focused areas representative of proposed slab-on-grade occupied commercial or residential units. If soil vapor concentrations for certain proposed buildings comply with the LTCP as well as the applicable vapor intrusion guidance cited above, the additional round of soil vapor sampling can be considered an additional line of evidence and may obviate the need for a VIMS for certain buildings.

7 CONCLUSIONS

Based on the data obtained and reviewed as part of this Report, laboratory results, and current regulatory guidelines, and SCS' experience and professional judgment, SCS concludes the following:

Background

- SCS performed additional Phase II ESA activities consisting of the following:
    - A total of 10 trenches were excavated and advancement of 3 direct push soil borings (SG-SB-24-1, -2, -3) to maximum depths of 7 feet below ground surface (bgs) during this sampling event to assess for constituents of concern (CoCs) including total petroleum hydrocarbons (TPH), volatile organic compounds (VOCs), organochlorine pesticides (OCPs), and Title 22 metals to further delineate the former burn dump area identified as the West Point Loma Dump in the southwestern portion of the Site and for general assessment purposes.

- Advancement of 3 direct push soil borings (SB-UST-24-1, -2, and -3) to maximum depths of 13 feet bgs at the Site to assess the soils for CoCs including TPH and VOCs to further delineate CoC impacts found near the underground storage tank (UST) that was previously discovered in the western parking lot area at the Site.

- Soil borings SB-UST-24-2 and -3 also had temporary wells installed with PVC casing so that groundwater could be sampled. Note that groundwater was encountered at depths of approximately 9 to 10 feet bgs.

- Advancement and sampling of 24 soil vapor probes (identified as SV-24-001-5 through SV-24-024-5) within the footprint of the proposed Midway Rising buildings and the collection of 26 soil vapor samples (including 2 replicate samples) from 5 feet below grade for analysis of VOCs.

- Advancement of 34 hand auger soil borings (HA-24-001 through HA-24-034) at depths up to approximately 6 feet bgs to further delineate OCP impacts from chlordane found in previous sampling events located in the southern portion of Parcel C (Soma parcel) and also for general assessment in the eastern portion of the Site.

Geophysical Survey

A geophysical survey was conducted to evaluate the subsurface of portions of the Site for the presence of previously unidentified USTs, piping, UST pits, and undocumented fills including burn pits associated with the Frontier Housing barracks-style temporary housing and was focused on the area immediately south and west of the arena and the accessible portions of the Chic-fil-A and Chilis lots in Parcel B.

Specific features called out in the geophysics report (Appendix A) are depicted on Figure 13 as anomaly A and B. Most of these features are not interpreted to represent subsurface features of concern. However, two EM anomalies were noted as follows:

- A: Near the southern arena entrance.
- B: Southwest of the arena near the entrance driveway along Summit Gas.

Exploratory trenches were excavated in the location of each of these anomalies. At the location of Trench T35 (anomaly A), a vertical metal pipe (interpreted to be a possible water line riser) was encountered. No metallic objects were encountered in Trench T38 (anomaly B). The information collected from the geophysical survey was added to the broader geophysical survey completed to date.

Soil Investigation

- Detectable concentrations of TPH, VOCs, and OCPs and somewhat elevated concentrations of the metals antimony, arsenic, barium, cobalt, copper, lead, mercury, molybdenum, silver, and zinc were reported to be present in certain samples collected at the Site and exceed Waste-Based Remediation Criteria (i.e., Regional Water Quality Control Board [RWQCB] Tier 1 Soil Screening Levels [SSLs]). Reported concentrations of TPH include relatively low concentrations in the gasoline, diesel, and oil carbon chain lengths, except in the area of the discovered UST as further discussed below. Reported concentrations of VOCs include 1,2,4-trimethylbenzene and n-butylbenzene. Reported concentrations of OCPs include

concentrations of 4,4'-dichlorodiphenyldichloroethylene (DDE), heptachlor, heptachlor epoxide, and elevated concentrations of chlordane.

Various soil samples were reported with detectable chemical constituents such as TPH, VOCs, OCPs, and metals in soil exceed applicable Waste-Based Remediation Criteria (i.e., the RWQCB Tier 1 SSLs), which applies to soil that is exported from the Site. In the event that the soil that exceeds the Waste-Based Remediation Criteria is exported from the Site, it should be exported to a properly licensed facility as a regulated waste.

- Discovered UST- TPH diesel was detected above the Health Risk-Based Remediation criteria in two samples (SB-UST-24-1-7 and SB-UST-24-1-9) collected at approximately 7 and 9 feet below the ground surface near the discovered UST at concentrations of 1,900 milligrams per kilogram (mg/kg) and 890 mg/kg respectively, which exceeds the SFBRWQCB ESL of 260 mg/kg. This is in addition samples (T-13-3-NE and T-13-7) collected from trench T13 that was excavated in 2023 in the area where the UST was encountered, which indicated concentrations of TPH, along with the VOC naphthalene in sample T13-7 only, that exceed the Health Risk-Based Remediation criteria. SCS recommends this UST be removed under regulatory oversight from the County of San Diego Department of Environmental Health and Quality and the San Diego Fire Department, and the petroleum hydrocarbon-bearing soil that exceeds Remediation Criteria be excavated, segregated, and properly managed during grading and excavation activities and exported to a properly licensed facility (e.g., landfill) as a regulated waste.

  The estimated extent of TPH and VOC-bearing soil that exceeds the ESLs near the UST in the western portion of the Site is depicted on Figure 10.

- Hand Auger Samples - Pesticide bearing soils at Soma and General Sampling of Dixieline Lumber, Salvation Army, and Sports Arena Contractor Service Yards. Several soil borings were advanced in the southern portion of the Soma parking lot within Parel C to further delineate elevated concentrations of the OCP chlordane found in sample DP-23-038-2.5 from a previous sampling event, and the rest of the soil samples in the Dixieline, Salvation Army, and Sports Arena Contractor Service Yards were collected for general analysis purposes. In the area of the Soma parking lot, the OCP chlordane was detected above the Health Risk-Based Remediation criteria in 28 of the 81 samples analyzed for OCPs for samples collected at approximately 0.5 to 5 feet below the ground surface, with reported chlordane concentrations ranging from 530 micrograms per kilogram (µg/kg) to 19,000 µg/kg, which exceeds the ESL of 480 µg/kg for residential land use. Additionally, a total of 15 of the 81 soil samples analyzed for OCPs were reported to exceed the Hazardous Waste-Based Remediation Criteria (i.e., Total Threshold Limit Concentrations [TTLCs] as defined by CA Title 22) for chlordane of 2,500 µg/kg. SCS recommends this soil be excavated, segregated, and properly managed during grading and excavation activities (i.e., either managed on-Site under a clean soil cap under oversight and approval from the overseeing regulatory agency, or exported to a properly licensed facility (e.g., landfill) as a regulated waste.

  The estimated extent of chlordane-bearing soil that exceeds the Health Risk-Based Remediation Criteria (i.e., SFBRWQCB ESLs) as well as the Hazardous Waste Remediation Criteria is depicted on Figure 15B.

  In addition, the metals arsenic and cobalt were detected above the Health Risk-Based Remediation criteria in several of the hand auger soil samples. 95 percent upper confidence

limit (95 UCL) statistics were used per the RWQCB Waiver to evaluate metals concentrations for soil export purposes, and were also used for evaluating potential health risks in following DTSC Risk Guidance. The 95UCL concentrations for both arsenic and cobalt (excluding samples collected within the chlordane-bearing soil at the Soma lot that is recommended to be exported from the Site) in shallow soil at the Site are below Health Risk-Based Remediation Criteria as well as the Waste-Based Remediation Criteria, and are considered to be acceptable for free reuse on- and off-Site. Further, the Midway Rising project will require significant quantities of soil import for soil balance purposes, which will ultimately add a soil buffer to the existing grades at the Site.

- Burn ash dump in southwest area of Site- additional samples were obtained from the burn ash deposits that were reported with metals concentrations that exceed both the Health Risk-Based Remediation Criteria as well as the Hazardous Waste-Based Remediation Criteria. Additionally, soil samples collected from other trench locations were reported with metals concentrations that are below the Remediation Criteria, facilitating a further delineation of the burn ash deposits. Lead and mercury were detected above the Health Risk-Based Remediation criteria in one sample (T37-4) collected at approximately 4 feet below the ground surface in the burn dump in the southwest portion of the Site at concentrations of 1,600 mg/kg lead and 3.0 mg/kg respectively, which exceeds the Health Risk-Based Remediation Criteria (i.e., the residential DTSC SL) of 80 mg/kg for lead and 1.0 mg/kg mercury, as well as the Hazardous Waste-Based Criteria (i.e., TTLC for lead of 1,000 mg/kg). This is in addition to samples A-23-012-2.5 and A-23-012-5.0 and 12 of the previous trench soil sampling event that indicated concentrations of lead and other metals exceed Health Risk-Based Remediation Criteria as well as the Hazardous Waste-Based Criteria for lead. SCS recommends this soil be excavated, segregated, and properly managed during grading and excavation activities (i.e., either managed on-Site under a clean soil cap under oversight and approval from the overseeing regulatory agency and the Local Enforcement Agency, or exported to a properly licensed facility (e.g., landfill) as a regulated waste.

The remaining samples analyzed for metals in this area during this event were reported with concentrations that are below Health Risk-Based Remediation Criteria and Hazardous Waste-Based Criteria, and therefore further delineated the burn ash area. The estimated extent of metals-bearing soil that exceeds the Remediation Criteria in the burn dump area in the southwest portion of the Site is depicted on Figures 8 and 9. Summary of the vertical extent of the burn ash soil in the southwest portion of the Site is as follows:

Boring ID	Concentration of Lead in mg/kg	Vertical delineation depth in feet below ground surface
A-23-012-2.5	3,500	7.5
A-23-012-5.0	1,400	7.5
T-3 3'	4,200	6
T-4 4'	630	6.5
T-6 4'	3,300	5.5
T-8 4'	2,600	5.5
T-9 4'	6,300	6
T-9 5'	5,000	6
T-11-4'	5,000	5.5
T-23-4	620	8.5
T-23 5'	2,800	8.5
T-23 6.5'	190	8.5

T-24-3.5	4,500	6
T-24-4.5	270	6
T37-4	1,600	5

Lateral delineation is provided by trenches T5, T7, T34, and T38-T42 to the north, and by soil borings SG-SB-24-1, -2, and -3 to the east. The burn dump waste was encountered essentially to the property boundaries to the west and south.

Groundwater Investigation

- Although detectable concentrations of TPH and VOCs (i.e., m,p-xylenes, o-xylene, 1,2,4-trimethylbenzene, naphthalene) were reported to be present in both of the 2 groundwater samples that were collected and analyzed, all of the groundwater samples analyzed for TPH and VOCs were reported to be below the Health Risk-Based Remediation Criteria, except for the VOC naphthalene in sample SB-UST-24-2-W.

  Groundwater sample SB-UST-24-2-W reported concentrations of naphthalene at 5.4 µg/L, which is above the Health Risk-Based Screening Criteria (i.e., SFRWQCB ESLs) of 0.17 µg/L. The location of this sample was collected approximately 16 feet to the north of the UST that was discovered in trench T13 in the western portion of the Site. Soil samples from previous sampling events also indicated elevated naphthalene in sample T-13-7 that was collected from trench T13 near the UST, and is the likely source of naphthalene in this area that is interpreted to be impacting the groundwater. With the removal of the TPH and VOC impacted soil in this area, as described above, VOC impacts to the groundwater are expected to be mitigated. Confirmation groundwater sampling after the soil and UST has been removed in this area is recommended to determine if naphthalene groundwater impacts remain a Health-Risk.

Soil Vapor Investigation

- Since VOCs (including dichlorodifluoromethane [F12], chloromethane, carbon disulfide, 2-butanone (MEK), chloroform, benzene, 4-methyl-2-pentanone (MIBK), toluene, 2-hexanone (MBK), chlorobenzene, ethylbenzene, m,p-xylene, styrene, o-xylene, tetrachloroethene (PCE), 4-ethyltoluene, 1,3,5-trimethylbenzene, and 1,2,4-trimethylbenzene) were reported to be present in soil vapor above the laboratory reporting limits, a vapor intrusion risk screening was conducted on the Site to assess the potential for Significant human health risk posed to occupants of the existing and proposed commercial land use and the future Midway Rising residential use due to the upward migration of VOCs in soil vapor.

- 1,1-Difluoroethane (leak check compound or LCC) was found to be above the tolerance of the relevant quality analysis/quality control parameters for the laboratory analytical method for only one sample, SV-24-017-5. This indicates at least some of the sample came from ambient air and not soil vapor, which bias concentrations of VOCs detected in this sample to be low, so that what is actually in the soil vapor may be higher than what is indicated in the results. Conversely, some of the detected VOCs in SV-24-017-5 may have been derived from ambient air and not from soil vapor. All the other samples with LCC concentrations above laboratory limits were within the relevant quality analysis/quality control parameters for the laboratory analytical method, and therefore are considered representative of subsurface soil vapor conditions.

- After applying the applicable 2011 Department of Substances Control (DTSC) attenuation factors for the existing commercial and future residential land use (0.001 and 0.0005 respectively) to the maximum reported concentrations of VOCs in soil vapor beneath the Site, the maximum theoretical concentrations of VOCs in indoor air at the Site exceed the commercial screening level for benzene of 0.42 µg/m^3 and the residential screening level for benzene of 0.097 µg/m^3 indicating a potential Significant human health risk for portions of the current commercial and future commercial and residential buildings at the Site as a result of vapor intrusion of benzene.

- After applying the applicable CalEPA-recommended attenuation factor of 0.03 to the maximum reported concentrations of VOCs in soil vapor beneath the Site (i.e., benzene, ethylbenzene, m,p-xylene, o-xylene, and PCE), the maximum theoretical concentrations of benzene and ethylbenzene in indoor air at the Site exceed the commercial and residential screening levels (DTSC-SLs) and m,p-xylene and PCE in indoor air at portions of the Site exceed the residential screening levels (DTSC-SLs).

  Based on SCS's understanding of the proposed development plans for the Site (Figure 14C), installation of a Vapor Intrusion Remediation System (VIMS) may be recommended for the enclosed occupied ground floor spaces of the proposed residential buildings proposed on the western portion of the Site, particularly the southeasternmost proposed residential buildings due to the high concentrations of benzene in soil vapor in that area. The VIMS should be designed by a licensed Professional Engineer (PE) and consist of a passive-vented system with the option to convert to an active system should the future need arise, with a gas-tight horizontal membrane barrier above. In addition, VIMS may be recommended for ground-floor enclosed occupied commercial spaces of two of the proposed mixed-use buildings at the Site (in locations of soil vapor samples SV-24-006-5 and SV-24-011-5), as well as the proposed San Diego Entertainment Center at the eastern portion of the Site. In addition, VIMS may be recommended for any enclosed occupied ground-floor residential spaces for all proposed mixed-use buildings except the proposed building in the location of soil vapor sample SV-024-015-5.

  Alternatively, to further assess the findings above, since several USTs are known to have currently or formerly been located at the Site, additional lines of evidence can be obtained such as completing an additional round of soil vapor sampling that would include analysis for fixed gases to assess for compliance with the State Water Resources Control Board Low-Threat Underground Storage Tank Case Closure Policy (LTCP), within focused areas representative of proposed slab-on-grade occupied commercial or residential units. If soil vapor concentrations for certain proposed buildings comply with the LTCP as well as the applicable vapor intrusion guidance cited above, the additional round of soil vapor sampling can be considered an additional line of evidence and may obviate the need for vapor intrusion remediation for certain proposed buildings.

Overall, under the current commercial land use at the Site, based on the lack of open exposure routes due to the presence of asphalt paving and structures across the Site, no further action is recommended relative to the features of potential concern and investigation results from this Phase II ESA.

For the proposed redevelopment of the Site with a mixed-use land use, further assessment and Site remediation (e.g., impacted soil excavation and proper management, installation of VIMS) is recommended during the proposed grading and construction activities.

For the proposed construction and development of the Midway Rising project at the Site, particularly in the areas of historical concern (former gasoline service station, former inground sump, and historical agricultural uses), excavated soil impacted with petroleum hydrocarbons, elevated metals, and OCPs will require proper management that may include but is not necessarily limited to reuse under a clean soil cap subject to the approval of the overseeing regulatory agency(ies), or disposal as a hazardous or regulated waste at a properly licensed disposal facility. If such occurs, confirmation sampling should be done to verify conditions after soil excavation, and additional soil sampling may be needed to further delineate the extent of subsurface impacts or profile export soil for disposal.

8 RECOMMENDATIONS

Based on the data obtained during this Assessment and our conclusions, current regulatory guidelines, and our experience and professional judgment, SCS recommends the following:

- Considering that the Site is proposed to be redeveloped with the Midway Rising Project, SCS recommends that the issues identified above be incorporated into a comprehensive Soil Management Plan (SMP) to address regulated waste criteria, worker exposure issues, and the proposed future residential and commercial development plans and land uses. The SMP will describe the methods and details and other aspects of the proper handling and management of soils that exceed the Remediation Criteria that will be encountered during the grading and construction of the proposed Project.

  Additional post-demolition soil sampling is recommended as well in focused areas of the Site for further characterization of soil proposed to be graded within the Project redevelopment footprint, particularly in areas where soil borings could not be advanced during this Assessment due to the presence of the existing Site buildings. Additional soil vapor sampling can be completed as well be that would be considered an additional line of evidence that may obviate the need for vapor intrusion remediation (i.e., installation of VIMS) for certain proposed buildings.

  In conjunction with the SMP, and pursuant to the requirements of the San Diego Local Enforcement Agency (LEA), a Community Health and Safety Plan (CHSP) should be prepared that will address issues of off-Site impacts, particularly the monitoring and suppression of dust generated by on-Site activities. The principal health and safety issue associated with the excavation of impacted soil is the potential generation of dust that may occur during the handling of the impacted soil. In addition, the CHSP can also address odor assessment and remediation measures to be carried out during the proposed grading activities in the area of the Point Loma Burn Dump area, although odors are not anticipated to be encountered during grading based on trenching activities SCS has completed within this area to date, the age and nature of the waste (i.e., burn waste from the late 1800s to early 1900s), and the observed thickness of the burned material being limited to approximately 1 to 2 feet thick. The CHSP will also include public notifications to the adjacent property owners advising them of the excavation activities.

- SCS also recommends that the Client enter into oversight agreements with the San Diego Local Enforcement Agency (LEA) and other applicable regulatory agency (such as the County of San Diego Department of Environmental Health and Quality [DEHQ], Regional Water Quality Control Board [RWQCB], and/or Department of Toxic Substances Control [DTSC]) prior to grading and development activities to ensure the former waste areas of the Point Loma

Dump and other areas with known environmental impacts are properly managed during construction activities.

9 REPORT USAGE AND FUTURE SITE CONDITIONS

This Report is intended for the sole usage of the Client and other parties designated by SCS. The methodology used during the referenced assessments by SCS was in general conformance with the requirements of the Client and the specifications and limitations presented in the Agreement between the Client and SCS. This Report contains information from a variety of public and other sources, and SCS makes no representation or warranty about the accuracy, reliability, suitability, or completeness of the information. Any use of this Report, whether by the Client or by a third party, shall be subject to the provisions of the Agreement between the Client and SCS. Any misuse of or reliance upon the Report shall be without risk or liability to SCS.

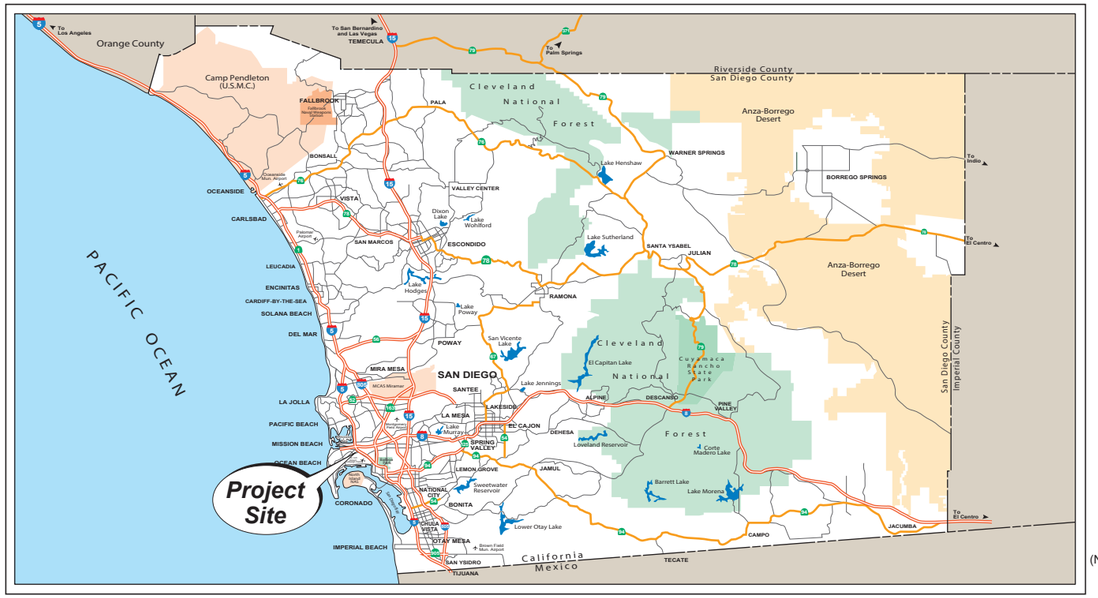
The conclusions of this Report are judged to be relevant at the time the work described in this Report was conducted. Future conditions may differ and this Report should not be relied upon to represent future Site conditions unless a qualified consultant familiar with the practice of Phase II environmental assessments in San Diego County is consulted to assess the necessity of updating this Report.

Although this Assessment has attempted to assess the likelihood that the Site has been impacted by a hazardous material/waste release, potential sources of impact may have escaped detection for reasons which include, but are not limited to: 1) our reliance on inadequate or inaccurate information rightfully provided to SCS by third parties such as public agencies and other outside sources; 2) the limited scope of this Assessment; and 3) the presence of undetected, unknown, or unreported environmental releases.

10 SPECIAL CONTRACTUAL CONDITIONS BETWEEN USER AND ENVIRONMENTAL PROFESSIONAL

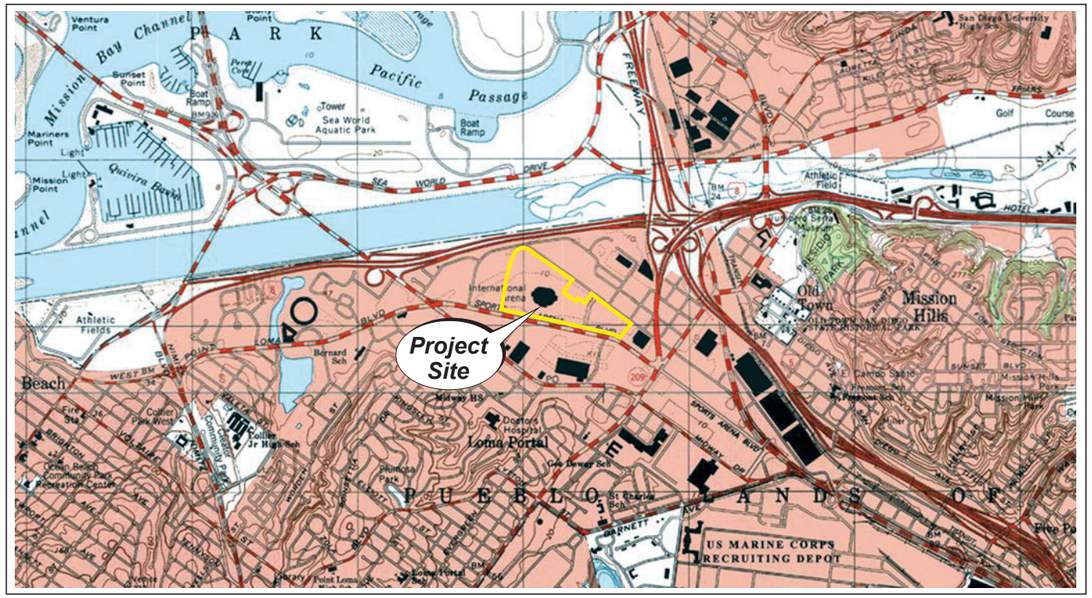
There were no special contractual conditions between the user of this Assessment, the environmental professional, and SCS.

FIGURES



North (Not to scale)

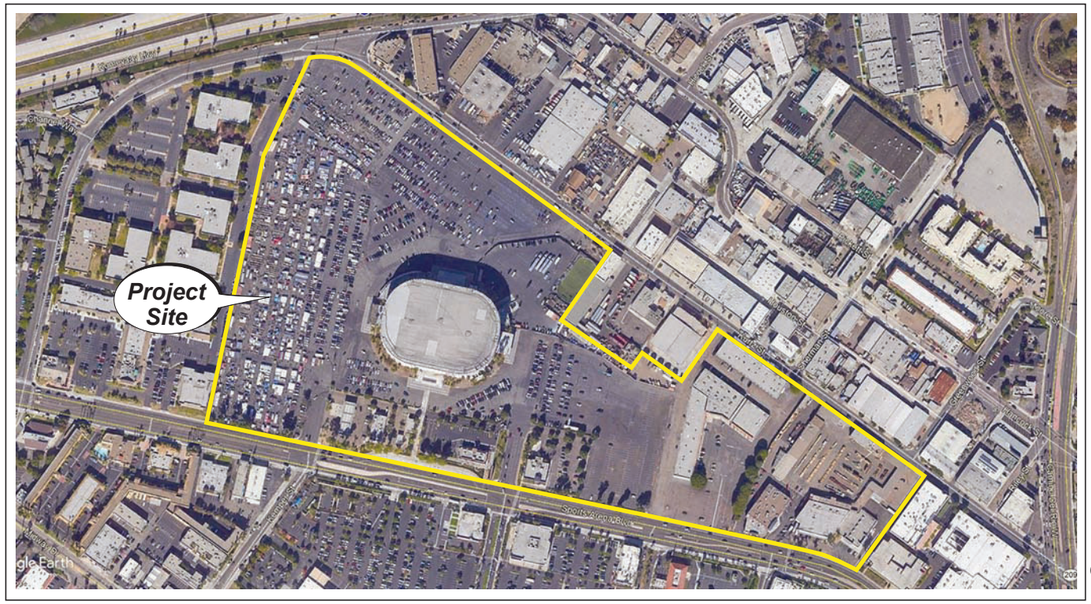
REGIONAL SITE LOCATION



North (Not to scale)

Reference:
U.S.G.S. 7.5 Minute Quadrangle Map
La Jolla, California

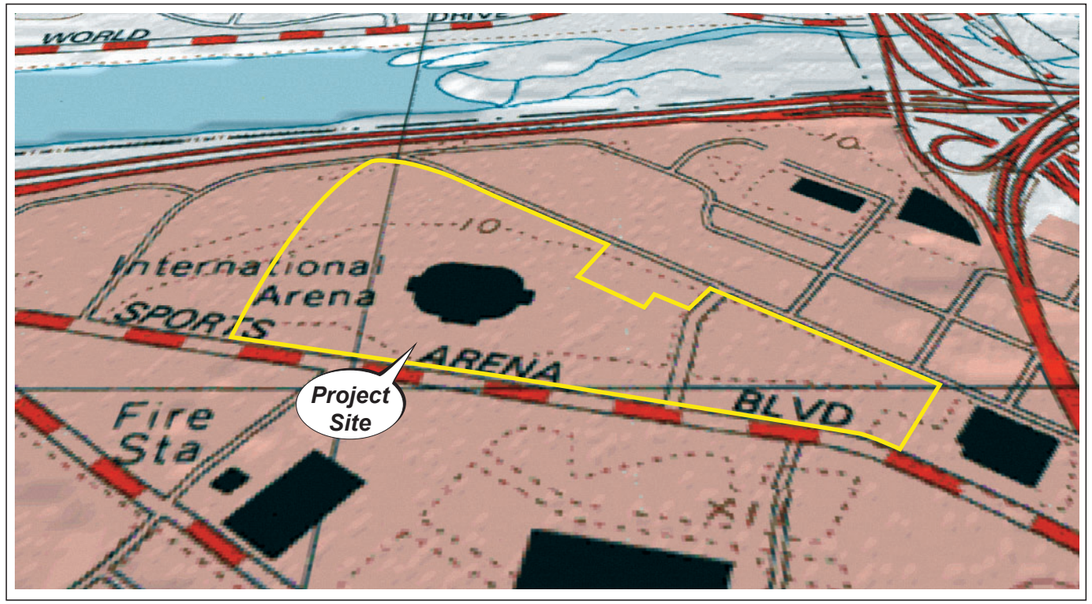
2-DIMENSIONAL SITE LOCATION



North (Not to scale)

Reference:
Google Earth Aerial Photograph
San Diego, California - November 2018

SITE AERIAL PHOTOGRAPH



North (Not to scale)

Reference:
U.S.G.S. 7.5 Minute Quadrangle Map
La Jolla, California

3-DIMENSIONAL SITE LOCATION

Disclaimer: This figure is based on available data. Actual conditions may differ. All locations and dimensions are approximate.

SCS ENGINEERS
Environmental Consultants
8799 Balboa Avenue, Suite 290
San Diego, California 92123

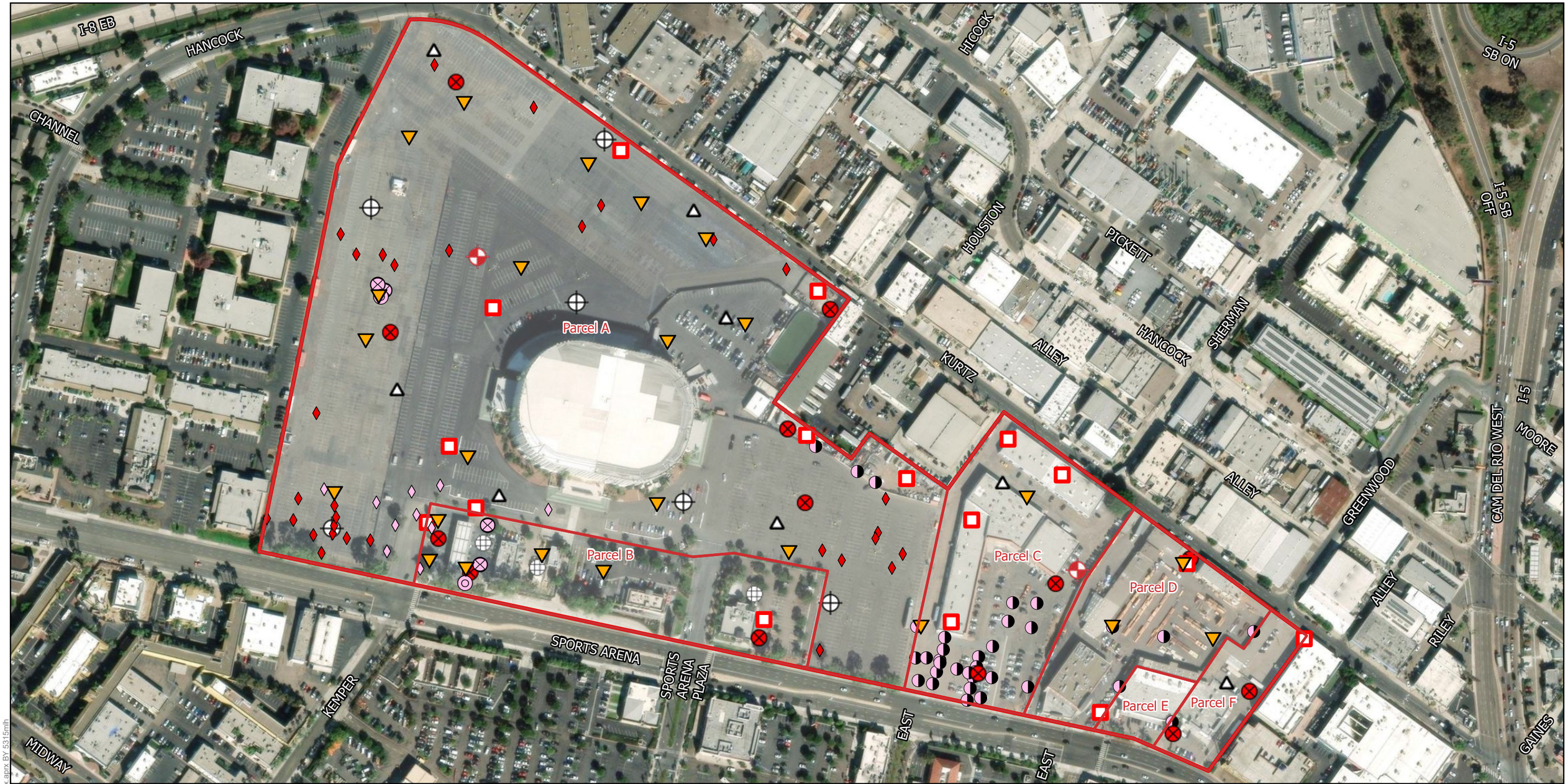
FOUR-WAY SITE LOCATION MAP

Midway Rising, LLC
3220, 3240, 3250, 3350, and 3500 Sports Arena Boulevard
San Diego, California

Project No.: 01213320.07

Figure 1

Date Drafted: 9/11/24



C:\ArcGIS\SDSportsArenaComplex\SDSportsArenaComplex_aprx BY 5315mlh

Maxar

Legend

- Approx. Limits of Site Development
- Approximate Soil Vapor Boring Locations 2024
- Approximate Trench Locations 2024
- Direct Push Boring 2024
- Direct Push Boring and Grab Groundwater 2024
- Hand Auger Borings 2024
- Cone Penetration Test 2023
- Direct Push Boring 2023
- Direct Push Boring and Soil Vapor Probe 2023
- Hollow Stem Auger Boring 2023
- Mud Rotary Wash Boring 2023
- Soil Vapor Probe
- Approximate Trench Location June 2023

N
W E
S

0 275
Feet

1 inch = 275 feet

Site Map with all Sample Locations

Midway Rising, LLC
3220, 3240, 3250, 3350 and 3500
Sports Arena Boulevard
San Diego, California

Figure 2	Sep 2024

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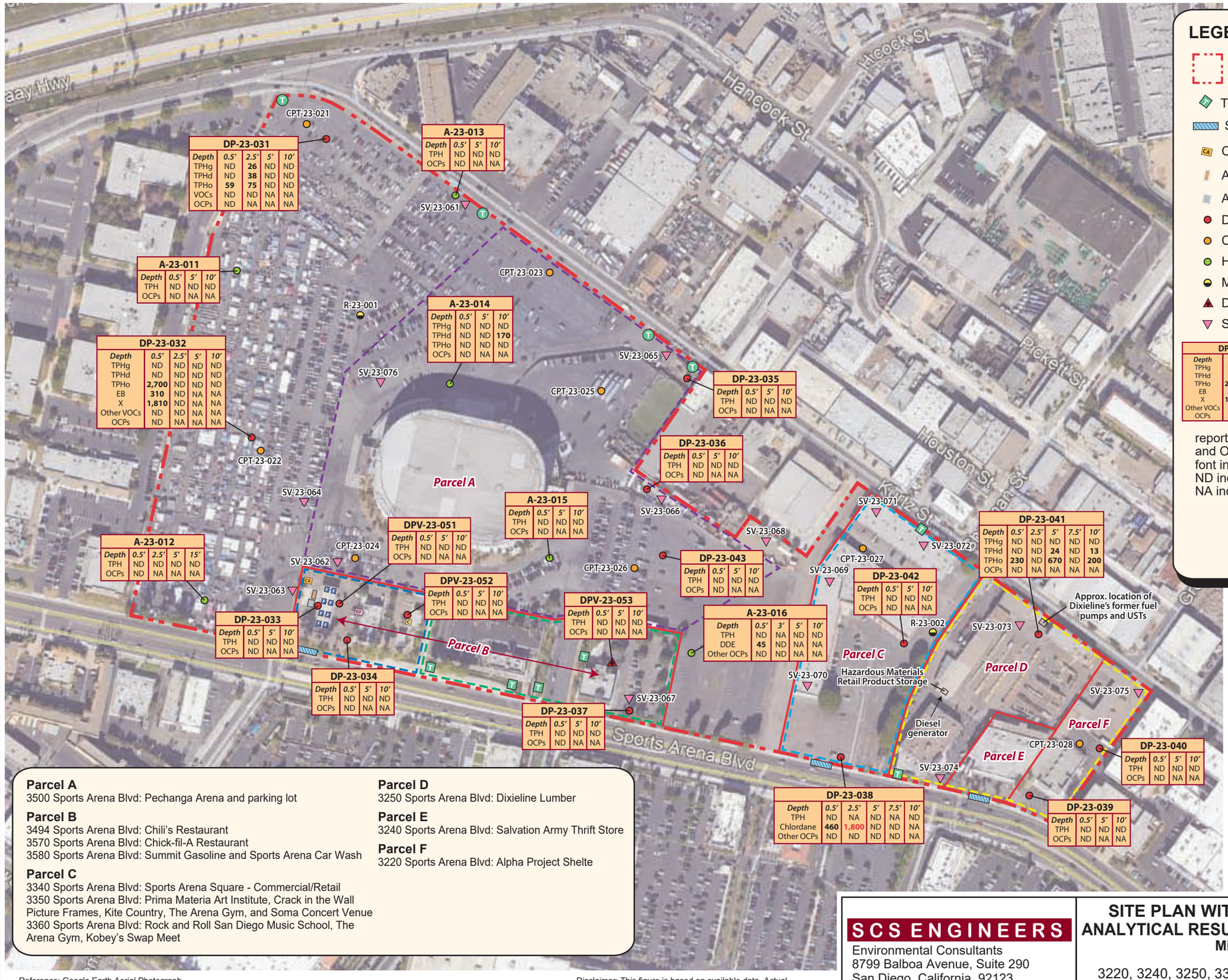


LEGEND

- Approximate Site boundary
- Transformer
- Pole-mounted transformer
- Storm drain
- Fuel pump island
- Clarifier
- Clean air separator
- Grease trap
- Approximate area of diesel UST
- Approximate area of gasoline UST
- Direct push boring
- Cone penetration test (CPT)
- Hollow stem auger boring
- Mud rotary wash boring
- Direct push boring and soil vapor probe
- Soil vapor probe

DP-23-032

Depth	0.5′	2.5′	5′	10′
TPHg	ND	ND	ND	ND
TPHd	ND	ND	ND	ND
TPHo	**2,700**	ND	ND	ND
EB	**310**	ND	NA	NA
X	**1,810**	ND	NA	NA
Other VOCs	ND	ND	NA	NA
OCPs	ND	NA	NA	NA

Soil samples, with depth in feet below grade, analyzed for total petroleum hydrocarbons as gasoline, diesel, and oil (TPHg, TPHd, TPHo, respectively) by EPA Method 8015B, volatile organic compounds (VOCs) by EPA Method 8260B, and organochlorine pesticides (OCPs) by EPA Method 8081A. Results for TPH reported in milligrams per kilogram (mg/kg). Results for VOCs and OCPs reported in micrograms per kilogram (µg/kg). **Bold** font indicates sample results above the laboratory reporting limit. ND indicates not detected above laboratory reporting limits. NA indicates sample not analyzed.

E = ethylbenzene
X = xylenes
DDE = 4,4-dichlorodiphenyldichloroethylene

Parcel A
3500 Sports Arena Blvd: Pechanga Arena and parking lot

Parcel B
3494 Sports Arena Blvd: Chili's Restaurant
3570 Sports Arena Blvd: Chick-fil-A Restaurant
3580 Sports Arena Blvd: Summit Gasoline and Sports Arena Car Wash

Parcel C
3340 Sports Arena Blvd: Sports Arena Square - Commercial/Retail
3350 Sports Arena Blvd: Prima Materia Art Institute, Crack in the Wall Picture Frames, Kite Country, The Arena Gym, and Soma Concert Venue
3360 Sports Arena Blvd: Rock and Roll San Diego Music School, The Arena Gym, Kobey's Swap Meet

Parcel D
3250 Sports Arena Blvd: Dixieline Lumber

Parcel E
3240 Sports Arena Blvd: Salvation Army Thrift Store

Parcel F
3220 Sports Arena Blvd: Alpha Project Shelte

North
Not to Scale

Reference: Google Earth Aerial Photograph
San Diego, California - November 2018

Disclaimer: This figure is based on available data. Actual conditions may differ. All locations and dimensions are approximate.

SCS ENGINEERS
Environmental Consultants
8799 Balboa Avenue, Suite 290
San Diego, California 92123

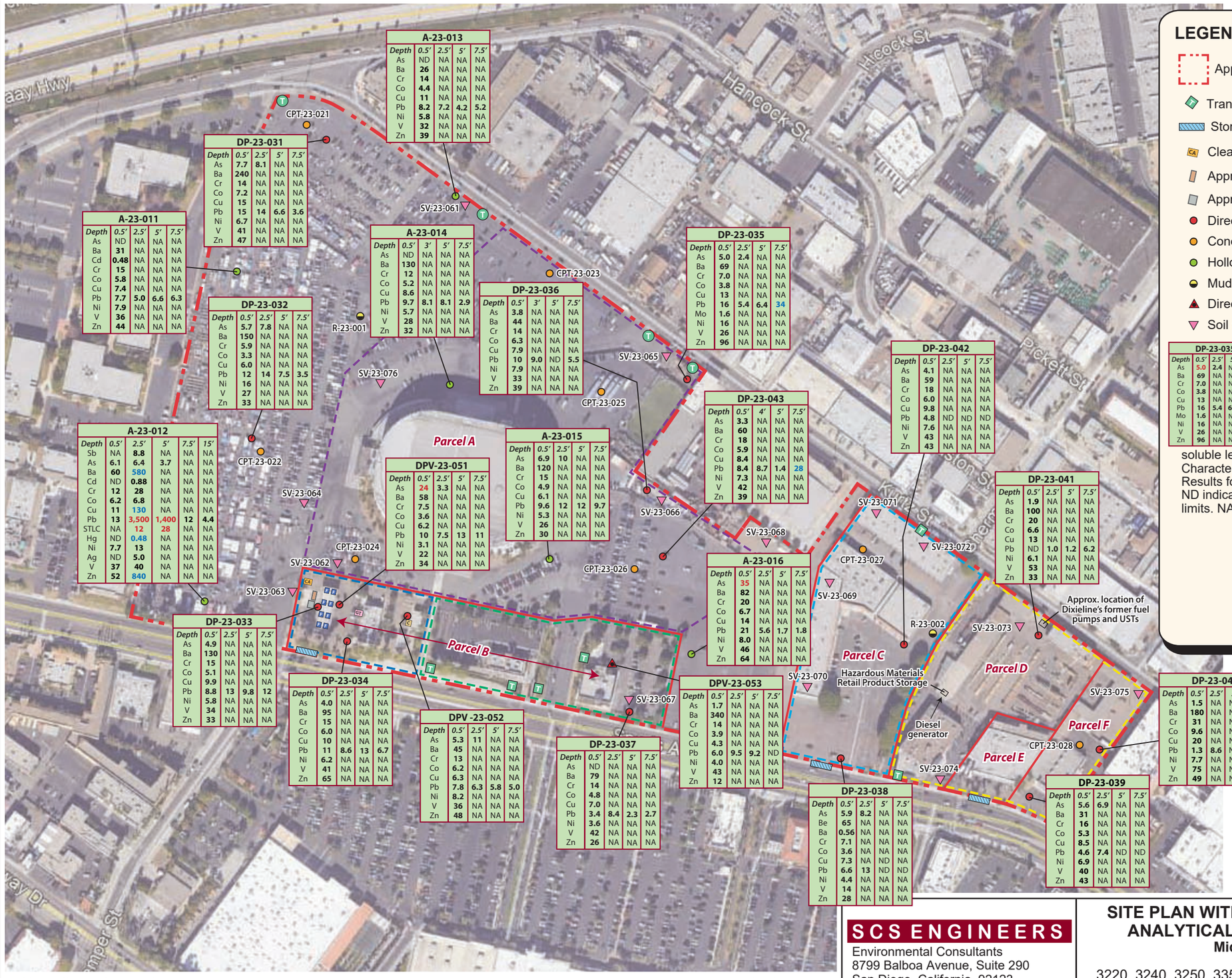
SITE PLAN WITH PREVIOUS SOIL SAMPLE ANALYTICAL RESULTS FOR TPH, VOCs, AND OCPs

Midway Rising, LLC
Midway Rising
3220, 3240, 3250, 3350, and 3500 Sports Arena Boulevard
San Diego, California

Project No.: 01213320.07

Figure 3

Date Drafted: 9/12/24



A-23-013

Depth	0.5′	2.5′	5′	7.5′
As	ND	NA	NA	NA
Ba	**26**	NA	NA	NA
Cr	**14**	NA	NA	NA
Co	**4.4**	NA	NA	NA
Cu	**11**	NA	NA	NA
Pb	**8.2**	**7.2**	**4.2**	**5.2**
Ni	**5.8**	NA	NA	NA
V	**32**	NA	NA	NA
Zn	**39**	NA	NA	NA

DP-23-031

Depth	0.5′	2.5′	5′	7.5′
As	**7.7**	**8.1**	NA	NA
Ba	**240**	NA	NA	NA
Cr	**14**	NA	NA	NA
Co	**7.2**	NA	NA	NA
Cu	**15**	NA	NA	NA
Pb	**15**	**14**	**6.6**	**3.6**
Ni	**6.7**	NA	NA	NA
V	**41**	NA	NA	NA
Zn	**47**	NA	NA	NA

A-23-011

Depth	0.5′	2.5′	5′	7.5′
As	ND	NA	NA	NA
Ba	**31**	NA	NA	NA
Cd	**0.48**	NA	NA	NA
Cr	**15**	NA	NA	NA
Co	**5.8**	NA	NA	NA
Cu	**7.4**	NA	NA	NA
Pb	**7.7**	**5.0**	**6.6**	**6.3**
Ni	**7.9**	NA	NA	NA
V	**36**	NA	NA	NA
Zn	**44**	NA	NA	NA

A-23-014

Depth	0.5′	3′	5′	7.5′
As	ND	NA	NA	NA
Ba	**130**	NA	NA	NA
Cr	**12**	NA	NA	NA
Co	**5.2**	NA	NA	NA
Cu	**8.6**	NA	NA	NA
Pb	**9.7**	**8.1**	**8.1**	**2.9**
Ni	**5.7**	NA	NA	NA
V	**28**	NA	NA	NA
Zn	**32**	NA	NA	NA

DP-23-032

Depth	0.5′	2.5′	5′	7.5′
As	**5.7**	**7.8**	NA	NA
Ba	**150**	NA	NA	NA
Cr	**5.9**	NA	NA	NA
Co	**3.3**	NA	NA	NA
Cu	**6.0**	NA	NA	NA
Pb	**12**	**14**	**7.5**	**3.5**
Ni	**16**	NA	NA	NA
V	**27**	NA	NA	NA
Zn	**33**	NA	NA	NA

DP-23-036

Depth	0.5′	3′	5′	7.5′
As	**3.8**	NA	NA	NA
Ba	**44**	NA	NA	NA
Cr	**14**	NA	NA	NA
Co	**6.3**	NA	NA	NA
Cu	**7.9**	NA	NA	NA
Pb	**10**	**9.0**	ND	**5.5**
Ni	**7.9**	NA	NA	NA
V	**33**	NA	NA	NA
Zn	**39**	NA	NA	NA

DP-23-035

Depth	0.5′	2.5′	5′	7.5′
As	**5.0**	**2.4**	NA	NA
Ba	**69**	NA	NA	NA
Cr	**7.0**	NA	NA	NA
Co	**3.8**	NA	NA	NA
Cu	**13**	NA	NA	NA
Pb	**16**	**5.4**	**6.4**	**34**
Mo	**1.6**	NA	NA	NA
Ni	**16**	NA	NA	NA
V	**26**	NA	NA	NA
Zn	**96**	NA	NA	NA

DP-23-042

Depth	0.5′	2.5′	5′	7.5′
As	**4.1**	NA	NA	NA
Ba	**59**	NA	NA	NA
Cr	**18**	NA	NA	NA
Co	**6.0**	NA	NA	NA
Cu	**9.8**	NA	NA	NA
Pb	**4.8**	ND	ND	ND
Ni	**7.6**	NA	NA	NA
V	**43**	NA	NA	NA
Zn	**43**	NA	NA	NA

DP-23-043

Depth	0.5′	4′	5′	7.5′
As	**3.3**	NA	NA	NA
Ba	**60**	NA	NA	NA
Cr	**18**	NA	NA	NA
Co	**5.9**	NA	NA	NA
Cu	**8.4**	NA	NA	NA
Pb	**8.4**	**8.7**	**1.4**	**28**
Ni	**7.3**	NA	NA	NA
V	**42**	NA	NA	NA
Zn	**39**	NA	NA	NA

A-23-012

Depth	0.5′	2.5′	5′	7.5′	15′
Sb	NA	**8.8**	NA	NA	NA
As	**6.1**	**6.4**	**3.7**	NA	NA
Ba	**60**	**580**	NA	NA	NA
Cd	ND	**0.88**	NA	NA	NA
Cr	**12**	**28**	NA	NA	NA
Co	**6.2**	**6.8**	NA	NA	NA
Cu	**11**	**130**	NA	NA	NA
Pb	**13**	**3,500**	**1,400**	**12**	**4.4**
STLC	NA	**12**	**28**	NA	NA
Hg	ND	**0.48**	NA	NA	NA
Ni	**7.7**	**13**	NA	NA	NA
Ag	ND	**5.0**	NA	NA	NA
V	**37**	**40**	NA	NA	NA
Zn	**52**	**840**	NA	NA	NA

DPV-23-051

Depth	0.5′	2.5′	5′	7.5′
As	**24**	**3.3**	NA	NA
Ba	**58**	NA	NA	NA
Cr	**7.5**	NA	NA	NA
Co	**3.6**	NA	NA	NA
Cu	**6.2**	NA	NA	NA
Pb	**10**	**7.5**	**13**	**11**
Ni	**3.1**	NA	NA	NA
V	**22**	NA	NA	NA
Zn	**34**	NA	NA	NA

A-23-015

Depth	0.5′	2.5′	5′	7.5′
As	**6.9**	**10**	NA	NA
Ba	**120**	NA	NA	NA
Cr	**15**	NA	NA	NA
Co	**4.9**	NA	NA	NA
Cu	**6.1**	NA	NA	NA
Pb	**9.6**	**12**	**12**	**9.7**
Ni	**5.3**	NA	NA	NA
V	**26**	NA	NA	NA
Zn	**30**	NA	NA	NA

A-23-016

Depth	0.5′	2.5′	5′	7.5′
As	**35**	NA	NA	NA
Ba	**82**	NA	NA	NA
Cr	**20**	NA	NA	NA
Co	**6.7**	NA	NA	NA
Cu	**14**	NA	NA	NA
Pb	**21**	**5.6**	**1.7**	**1.8**
Ni	**8.0**	NA	NA	NA
V	**46**	NA	NA	NA
Zn	**64**	NA	NA	NA

DP-23-041

Depth	0.5′	2.5′	5′	7.5′
As	**1.9**	NA	NA	NA
Ba	**100**	NA	NA	NA
Cr	**20**	NA	NA	NA
Co	**6.6**	NA	NA	NA
Cu	**13**	NA	NA	NA
Pb	ND	**1.0**	**1.2**	**6.2**
Ni	**6.1**	NA	NA	NA
V	**53**	NA	NA	NA
Zn	**33**	NA	NA	NA

DP-23-033

Depth	0.5′	2.5′	5′	7.5′
As	**4.9**	NA	NA	NA
Ba	**130**	NA	NA	NA
Cr	**15**	NA	NA	NA
Co	**5.1**	NA	NA	NA
Cu	**9.9**	NA	NA	NA
Pb	**8.8**	**13**	**9.8**	**12**
Ni	**5.8**	NA	NA	NA
V	**34**	NA	NA	NA
Zn	**33**	NA	NA	NA

DP-23-034

Depth	0.5′	2.5′	5′	7.5′
As	**4.0**	NA	NA	NA
Ba	**95**	NA	NA	NA
Cr	**15**	NA	NA	NA
Co	**6.0**	NA	NA	NA
Cu	**10**	NA	NA	NA
Pb	**11**	**8.6**	**13**	**6.7**
Ni	**6.2**	NA	NA	NA
V	**41**	NA	NA	NA
Zn	**65**	NA	NA	NA

DPV -23-052

Depth	0.5′	2.5′	5′	7.5′
As	**5.3**	**11**	NA	NA
Ba	**45**	NA	NA	NA
Cr	**13**	NA	NA	NA
Co	**6.2**	NA	NA	NA
Cu	**6.3**	NA	NA	NA
Pb	**7.8**	**6.3**	**5.8**	**5.0**
Ni	**8.2**	NA	NA	NA
V	**36**	NA	NA	NA
Zn	**48**	NA	NA	NA

DP-23-037

Depth	0.5′	2.5′	5′	7.5′
As	ND	NA	NA	NA
Ba	**79**	NA	NA	NA
Cr	**14**	NA	NA	NA
Co	**4.8**	NA	NA	NA
Cu	**7.0**	NA	NA	NA
Pb	**3.4**	**8.4**	**2.3**	**2.7**
Ni	**3.6**	NA	NA	NA
V	**42**	NA	NA	NA
Zn	**26**	NA	NA	NA

DPV-23-053

Depth	0.5′	2.5′	5′	7.5′
As	**1.7**	NA	NA	NA
Ba	**340**	NA	NA	NA
Cr	**14**	NA	NA	NA
Co	**3.9**	NA	NA	NA
Cu	**4.3**	NA	NA	NA
Pb	**6.0**	**9.5**	**9.2**	ND
Ni	**4.0**	NA	NA	NA
V	**43**	NA	NA	NA
Zn	**12**	NA	NA	NA

DP-23-038

Depth	0.5′	2.5′	5′	7.5′
As	**5.9**	**8.2**	NA	NA
Be	**65**	NA	NA	NA
Ba	**0.56**	NA	NA	NA
Cr	**7.1**	NA	NA	NA
Co	**3.6**	NA	NA	NA
Cu	**7.3**	NA	ND	NA
Pb	**6.6**	**13**	ND	ND
Ni	**4.4**	NA	NA	NA
V	**14**	NA	NA	NA
Zn	**28**	NA	NA	NA

DP-23-039

Depth	0.5′	2.5′	5′	7.5′
As	**5.6**	**6.9**	NA	NA
Ba	**31**	NA	NA	NA
Cr	**16**	NA	NA	NA
Co	**5.3**	NA	NA	NA
Cu	**8.5**	NA	NA	NA
Pb	**4.6**	**7.4**	ND	ND
Ni	**6.9**	NA	NA	NA
V	**40**	NA	NA	NA
Zn	**43**	NA	NA	NA

DP-23-040

Depth	0.5′	2.5′	5′	7.5′
As	**1.5**	NA	NA	NA
Ba	**180**	NA	NA	NA
Cr	**31**	NA	NA	NA
Co	**9.6**	NA	NA	NA
Cu	**20**	NA	NA	NA
Pb	**1.3**	**8.6**	ND	ND
Ni	**7.7**	NA	NA	NA
V	**75**	NA	NA	NA
Zn	**49**	NA	NA	NA

LEGEND

- Approximate Site boundary
- Transformer
- Pole-mounted transformer
- Storm drain
- Fuel pump island
- Clarifier
- Clean air separator
- Grease trap
- Approximate area of diesel UST
- Approximate area of gasoline UST
- Direct push boring
- Cone penetration test (CPT)
- Hollow stem auger boring
- Mud rotary wash boring
- Direct push boring and soil vapor probe
- Soil vapor probe

DP-23-035

Depth	0.5′	2.5′	5′	7.5′
As	**5.0**	**2.4**	NA	NA
Ba	**69**	NA	NA	NA
Cr	**7.0**	NA	NA	NA
Co	**3.8**	NA	NA	NA
Cu	**13**	NA	NA	NA
Pb	**16**	**5.4**	**6.4**	**34**
Mo	**1.6**	NA	NA	NA
Ni	**16**	NA	NA	NA
V	**26**	NA	NA	NA
Zn	**96**	NA	NA	NA

Soil samples, with depth in feet below grade, analyzed for Title 22 Metals by EPA Method 6010B. Results reported in milligrams per kilogram (mg/kg). **Bold** font indicates sample results above the laboratory reporting limit. **Red** font indicates results above the Health Risk-Based regulatory screening criteria. **Blue** font indicates results above the Waste-Based regulatory screening criteria. Select soil samples additionally analyzed for soluble lead using Waste Extraction Test (WET) and Toxic Characteristic Leaching Procedure (TCLP) by EPA Method 6010B. Results for WET and TCLP reported in milligrams per liter (mg/L). ND indicates concentration not detected above laboratory reporting limits. NA indicates sample not analyzed.

Sb = Antimony
As = Arsenic
Ba = Barium
Be = Beryllium
Cd - Cadmium
Cr = Chromium
Co = Cobalt
Cu = Copper
Pb = Lead
Hg = Mercury
Mo = Molybdenum
Ni = Nickel
Ag = Silver
V = Vanadium
Zn = Zinc

North
Not to Scale

Reference: Google Earth Aerial Photograph
San Diego, California - November 2018

Disclaimer: This figure is based on available data. Actual conditions may differ. All locations and dimensions are approximate.

SCS ENGINEERS
Environmental Consultants
8799 Balboa Avenue, Suite 290
San Diego, California 92123

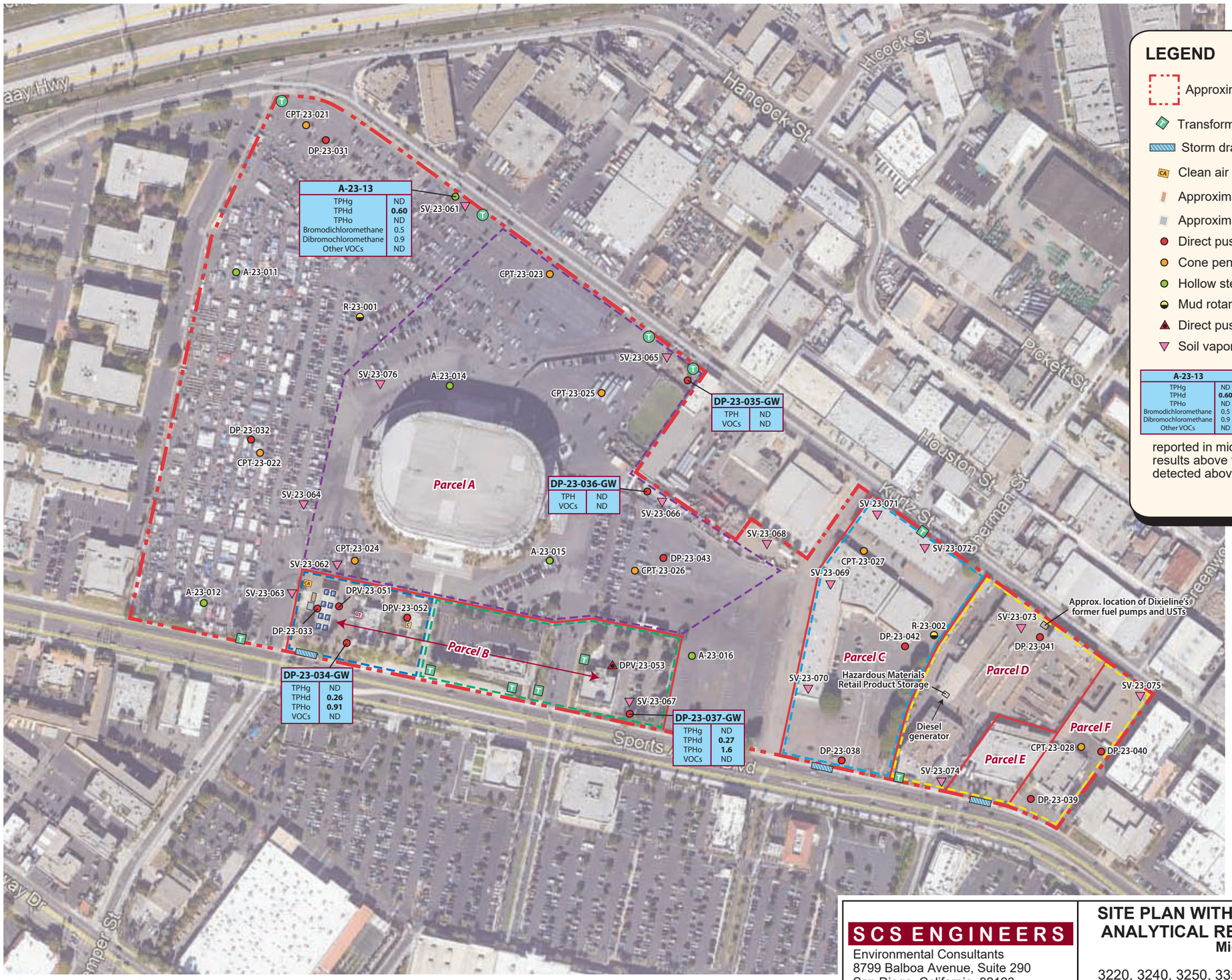
SITE PLAN WITH PREVIOUS SOIL SAMPLE ANALYTICAL RESULTS FOR METALS

Midway Rising, LLC
Midway Rising
3220, 3240, 3250, 3350, and 3500 Sports Arena Boulevard
San Diego, California

Project No.: 01213320.07

Figure 4

Date Drafted: 9/12/24



LEGEND

- Approximate Site boundary
- Transformer
- Pole-mounted transformer
- Storm drain
- Fuel pump island
- Clarifier
- Clean air separator
- Grease trap
- Approximate area of diesel UST
- Approximate area of gasoline UST
- Direct push boring
- Cone penetration test (CPT)
- Hollow stem auger boring
- Mud rotary wash boring
- Direct push boring and soil vapor probe
- Soil vapor probe

A-23-13	
TPHg	ND
TPHd	**0.60**
TPHo	ND
Bromodichloromethane	0.5
Dibromochloromethane	0.9
Other VOCs	ND

Groundwater samples analyzed for total petroleum hydrocarbons as gasoline, diesel, and oil (TPHg, TPHd, TPHo, respectively) by EPA Method 8015B and for volatile organic compounds (VOCs) by EPA Method 8260B. Results for TPH reported in milligrams per liter (mg/L). Results for VOCs reported in micrograms per liter (µg/L). **Bold** font indicates sample results above the laboratory reporting limit. ND indicates not detected above laboratory reporting limits.

North
Not to Scale

Reference: Google Earth Aerial Photograph
San Diego, California - November 2018

Disclaimer: This figure is based on available data. Actual conditions may differ. All locations and dimensions are approximate.

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San Diego, California 92123

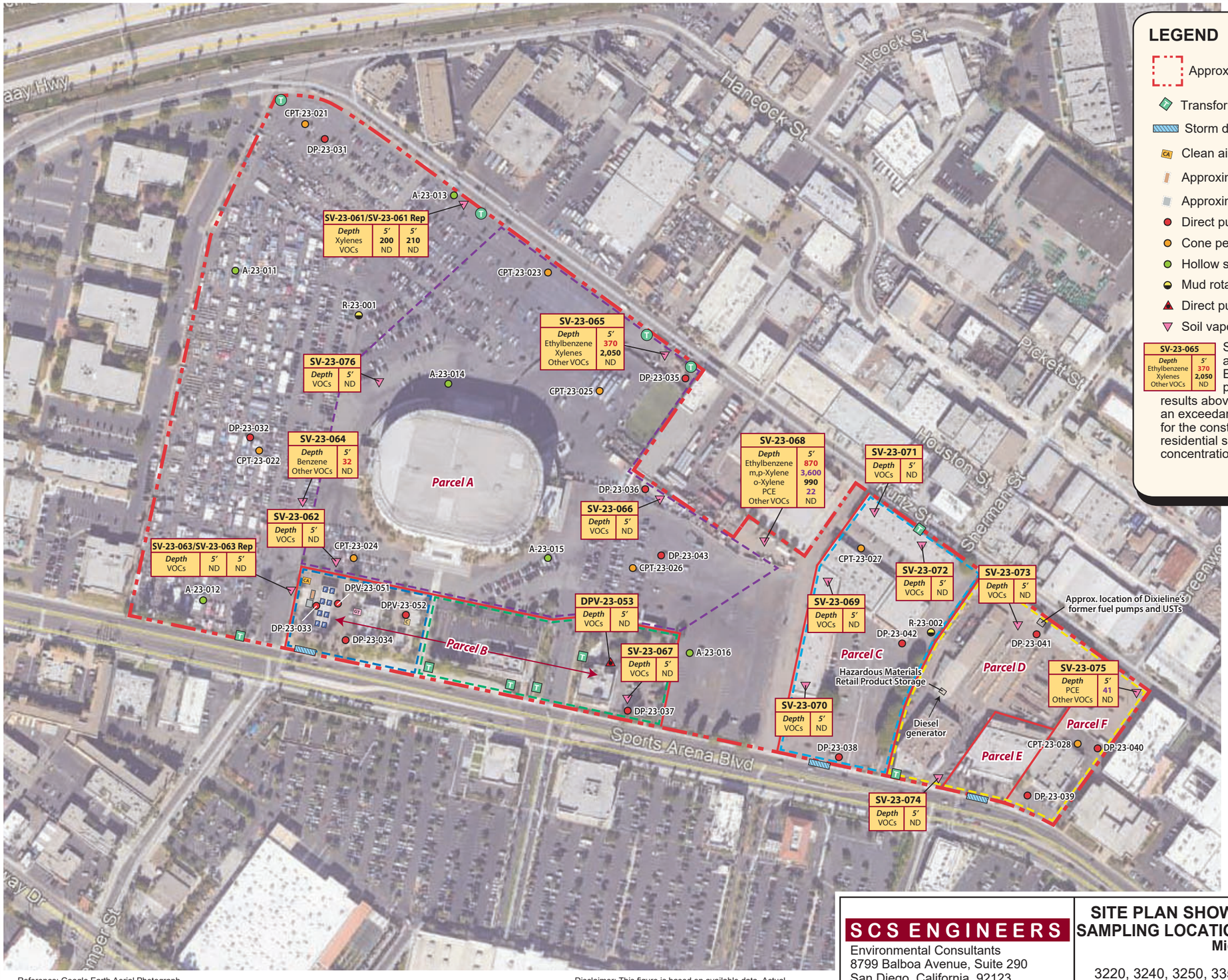
SITE PLAN WITH PREVIOUS GROUNDWATER ANALYTICAL RESULTS FOR TPH AND VOCs

Midway Rising, LLC
Midway Rising
3220, 3240, 3250, 3350, and 3500 Sports Arena Boulevard
San Diego, California

Project No.: 01213320.07

Figure 5

Date Drafted: 9/12/24



LEGEND

- Approximate Site boundary
- Transformer
- Pole-mounted transformer
- Storm drain
- Fuel pump island
- Clarifier
- Clean air separator
- Grease trap
- Approximate area of diesel UST
- Approximate area of gasoline UST
- Direct push boring
- Cone penetration test (CPT)
- Hollow stem auger boring
- Mud rotary wash boring
- Direct push boring and soil vapor probe
- Soil vapor probe

SV-23-065	
Depth	5′
Ethylbenzene	370
Xylenes	2,050
Other VOCs	ND

Soil vapor samples, with depth in feet below grade, analyzed for volatile organic compounds (VOCs) by EPA Method 8260SV. Results reported in micrograms per cubic meter (µg/m3). **Bold** font indicates sample results above the laboratory reporting limit. **Red** font indicates an exceedance of commercial and residential screening levels for the constituent. **Purple** font indicates an exceedance of the residential screening level only for the constituent. ND indicates concentration not detected above laboratory reporting limits.

North
Not to Scale

Reference: Google Earth Aerial Photograph
San Diego, California - November 2018

Disclaimer: This figure is based on available data. Actual conditions may differ. All locations and dimensions are approximate.

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San Diego, California 92123

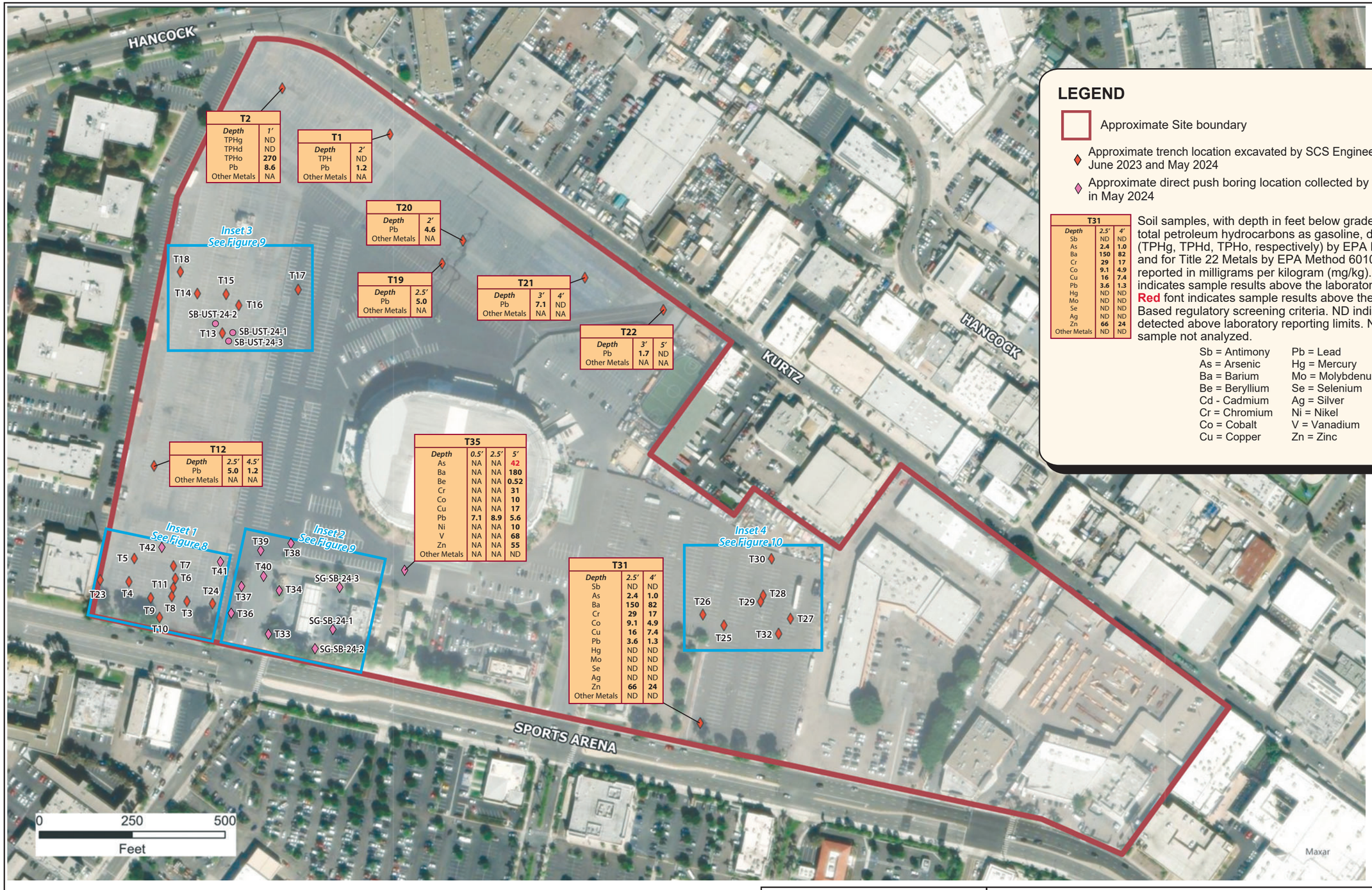
SITE PLAN SHOWING PREVIOUS SOIL VAPOR SAMPLING LOCATIONS AND ANALYTICAL RESULTS

Midway Rising, LLC
Midway Rising
3220, 3240, 3250, 3350, and 3500 Sports Arena Boulevard
San Diego, California

Project No.: 01213320.07

Figure 6

Date Drafted: 9/13/24



LEGEND

- Approximate Site boundary
- Approximate trench location excavated by SCS Engineers between June 2023 and May 2024
- Approximate direct push boring location collected by SCS Engineers in May 2024

T31		
Depth	2.5′	4′
Sb	ND	ND
As	**2.4**	**1.0**
Ba	**150**	**82**
Cr	**29**	**17**
Co	**9.1**	**4.9**
Cu	**16**	**7.4**
Pb	**3.6**	**1.3**
Hg	ND	ND
Mo	ND	ND
Se	ND	ND
Ag	ND	ND
Zn	**66**	**24**
Other Metals	ND	ND

Soil samples, with depth in feet below grade, analyzed for total petroleum hydrocarbons as gasoline, diesel, and oil (TPHg, TPHd, TPHo, respectively) by EPA Method 8015B and for Title 22 Metals by EPA Method 6010B. All results reported in milligrams per kilogram (mg/kg). **Bold** font indicates sample results above the laboratory reporting limit. **Red** font indicates sample results above the Health Risk-Based regulatory screening criteria. ND indicates not detected above laboratory reporting limits. NA indicates sample not analyzed.

Sb = Antimony	Pb = Lead
As = Arsenic	Hg = Mercury
Ba = Barium	Mo = Molybdenum
Be = Beryllium	Se = Selenium
Cd - Cadmium	Ag = Silver
Cr = Chromium	Ni = Nikel
Co = Cobalt	V = Vanadium
Cu = Copper	Zn = Zinc

Disclaimer: This figure is based on available data. Actual conditions may differ. All locations and dimensions are approximate.

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San Diego, California 92123

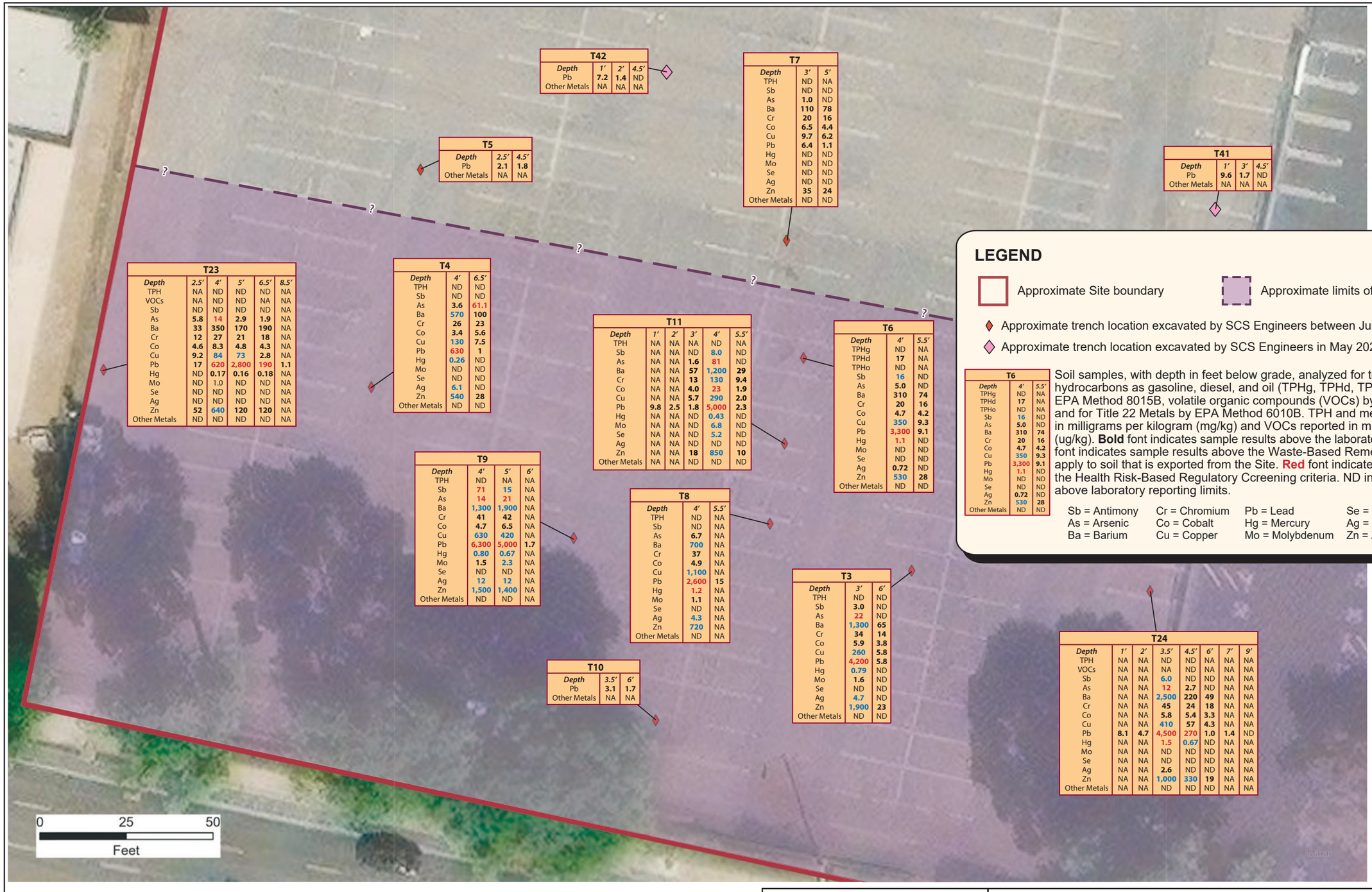
SITE MAP WITH TPH AND TITLE 22 METALS ANALYTICAL RESULTS

Midway Rising, LLC
3220, 3240, 3250, 3350, and 3500 Sports Arena Boulevard
San Diego, California

Project No.: 01213320.07

Figure 7

Date Drafted: 9/13/24



T42

Depth	1′	2′	4.5′
Pb	7.2	1.4	ND
Other Metals	NA	NA	NA

T5

Depth	2.5′	4.5′
Pb	2.1	1.8
Other Metals	NA	NA

T7

Depth	3′	5′
TPH	ND	NA
Sb	ND	ND
As	1.0	ND
Ba	110	78
Cr	20	16
Co	6.5	4.4
Cu	9.7	6.2
Pb	6.4	1.1
Hg	ND	ND
Mo	ND	ND
Se	ND	ND
Ag	ND	ND
Zn	35	24
Other Metals	ND	ND

T41

Depth	1′	3′	4.5′
Pb	9.6	1.7	ND
Other Metals	NA	NA	NA

T23

Depth	2.5′	4′	5′	6.5′	8.5′
TPH	NA	ND	ND	ND	NA
VOCs	NA	ND	ND	NA	NA
Sb	ND	ND	ND	ND	NA
As	5.8	14	2.9	1.9	NA
Ba	33	350	170	190	NA
Cr	12	27	21	18	NA
Co	4.6	8.3	4.8	4.3	NA
Cu	9.2	84	73	2.8	NA
Pb	17	620	2,800	190	1.1
Hg	ND	0.17	0.16	0.18	NA
Mo	ND	1.0	ND	ND	NA
Se	ND	ND	ND	ND	NA
Ag	ND	ND	ND	ND	NA
Zn	52	640	120	120	NA
Other Metals	ND	ND	ND	ND	NA

T4

Depth	4′	6.5′
TPH	ND	ND
Sb	ND	ND
As	3.6	61.1
Ba	570	100
Cr	26	23
Co	3.4	5.6
Cu	130	7.5
Pb	630	1
Hg	0.26	ND
Mo	ND	ND
Se	ND	ND
Ag	6.1	ND
Zn	540	28
Other Metals	ND	ND

T11

Depth	1′	2′	3′	4′	5.5′
TPH	NA	NA	NA	ND	NA
Sb	NA	NA	ND	8.0	ND
As	NA	NA	1.6	81	ND
Ba	NA	NA	57	1,200	29
Cr	NA	NA	13	130	9.4
Co	NA	NA	4.0	23	1.9
Cu	NA	NA	5.7	290	2.0
Pb	9.8	2.5	1.8	5,000	2.3
Hg	NA	NA	ND	0.43	ND
Mo	NA	NA	ND	6.8	ND
Se	NA	NA	ND	5.2	ND
Ag	NA	NA	ND	ND	ND
Zn	NA	NA	18	850	10
Other Metals	NA	NA	ND	ND	ND

T6

Depth	4′	5.5′
TPHg	ND	NA
TPHd	17	NA
TPHo	ND	NA
Sb	16	ND
As	5.0	ND
Ba	310	74
Cr	20	16
Co	4.7	4.2
Cu	350	9.3
Pb	3,300	9.1
Hg	1.1	ND
Mo	ND	ND
Se	ND	ND
Ag	0.72	ND
Zn	530	28
Other Metals	ND	ND

T9

Depth	4′	5′	6′
TPH	ND	NA	NA
Sb	71	15	NA
As	14	21	NA
Ba	1,300	1,900	NA
Cr	41	42	NA
Co	4.7	6.5	NA
Cu	630	420	NA
Pb	6,300	5,000	1.7
Hg	0.80	0.67	NA
Mo	1.5	2.3	NA
Se	ND	ND	NA
Ag	12	12	NA
Zn	1,500	1,400	NA
Other Metals	ND	ND	NA

T8

Depth	4′	5.5′
TPH	ND	NA
Sb	ND	NA
As	6.7	NA
Ba	700	NA
Cr	37	NA
Co	4.9	NA
Cu	1,100	NA
Pb	2,600	15
Hg	1.2	NA
Mo	1.1	NA
Se	ND	NA
Ag	4.3	NA
Zn	720	NA
Other Metals	ND	NA

T10

Depth	3.5′	6′
Pb	3.1	1.7
Other Metals	NA	NA

T3

Depth	3′	6′
TPH	ND	ND
Sb	3.0	ND
As	22	ND
Ba	1,300	65
Cr	34	14
Co	5.9	3.8
Cu	260	5.8
Pb	4,200	5.8
Hg	0.79	ND
Mo	1.6	ND
Se	ND	ND
Ag	4.7	ND
Zn	1,900	23
Other Metals	ND	ND

T24

Depth	1′	2′	3.5′	4.5′	6′	7′	9′
TPH	NA	NA	ND	ND	NA	NA	NA
VOCs	NA	NA	NA	ND	NA	NA	NA
Sb	NA	NA	6.0	ND	ND	NA	NA
As	NA	NA	12	2.7	ND	NA	NA
Ba	NA	NA	2,500	220	49	NA	NA
Cr	NA	NA	45	24	18	NA	NA
Co	NA	NA	5.8	5.4	3.3	NA	NA
Cu	NA	NA	410	57	4.3	NA	NA
Pb	8.1	4.7	4,500	270	1.0	1.4	ND
Hg	NA	NA	1.5	0.67	ND	NA	NA
Mo	NA	NA	ND	ND	ND	NA	NA
Se	NA	NA	ND	ND	ND	NA	NA
Ag	NA	NA	2.6	ND	ND	NA	NA
Zn	NA	NA	1,000	330	19	NA	NA
Other Metals	NA	NA	ND	ND	ND	NA	NA

LEGEND

- Approximate Site boundary
- Approximate limits of burn dump deposits
- Approximate trench location excavated by SCS Engineers between June 2023 and May 2024
- Approximate trench location excavated by SCS Engineers in May 2024

Soil samples, with depth in feet below grade, analyzed for total petroleum hydrocarbons as gasoline, diesel, and oil (TPHg, TPHd, TPHo, respectively) by EPA Method 8015B, volatile organic compounds (VOCs) by EPA Method 8260B, and for Title 22 Metals by EPA Method 6010B. TPH and metals results reported in milligrams per kilogram (mg/kg) and VOCs reported in micrograms per kilogram (ug/kg). **Bold** font indicates sample results above the laboratory reporting limit. **Blue** font indicates sample results above the Waste-Based Remediation Criteria that apply to soil that is exported from the Site. **Red** font indicates sample results above the Health Risk-Based Regulatory Ccreening criteria. ND indicates not detected above laboratory reporting limits.

Sb = Antimony
As = Arsenic
Ba = Barium
Cr = Chromium
Co = Cobalt
Cu = Copper
Pb = Lead
Hg = Mercury
Mo = Molybdenum
Se = Selenium
Ag = Silver
Zn = Zinc

North

Disclaimer: This figure is based on available data. Actual conditions may differ. All locations and dimensions are approximate.

SCS ENGINEERS
Environmental Consultants
8799 Balboa Avenue, Suite 290
San Diego, California 92123

INSET 1 - SOIL SAMPLE ANALYTICAL RESULTS FOR TPH, VOCs AND TITLE 22 METALS

Midway Rising, LLC
3220, 3240, 3250, 3350, and 3500 Sports Arena Boulevard
San Diego, California

Project No.: 01213320.07

Figure 8

Date Drafted: 9/30/24

LEGEND

- Approximate direct push boring location collected by SCS Engineers in May 2024
- Approximate trench location excavated by SCS Engineers in May 2024
- Approximate location of Geotechnics 2001 soil boring that encountered waste (ceramics and glass fragments)
- Approximate limits of burn dump deposits

T31		
Depth	*2.5′*	*4′*
Sb	ND	ND
As	**2.4**	**1.0**
Ba	**150**	**82**
Cr	**29**	**17**
Co	**9.1**	**4.9**
Cu	**16**	**7.4**
Pb	**3.6**	**1.3**
Hg	ND	ND
Mo	ND	ND
Se	ND	ND
Ag	ND	ND
Zn	**66**	**24**
Other Metals	ND	ND

Soil samples, with depth in feet below grade, analyzed for total petroleum hydrocarbons as gasoline, diesel, and oil (TPHg, TPHd, TPHo, respectively) by EPA Method 8015B and for Title 22 Metals by EPA Method 6010B. All results reported in milligrams per kilogram (mg/kg). **Bold** font indicates sample results above the laboratory reporting limit. **Blue** font indicates sample results above the Waste-Based regulatory screening criteria. ND indicates not detected above laboratory reporting limits. NA indicates sample not analyzed.

Sb = Antimony
As = Arsenic
Ba = Barium
Be = Beryllium
Cd - Cadmium
Cr = Chromium
Co = Cobalt
Cu = Copper
Pb = Lead
Hg = Mercury
Mo = Molybdenum
Se = Selenium
Ag = Silver
Ni = Nikel
V = Vanadium
Zn = Zinc

0 15 30 45
Approximate Graphic Scale in Feet
1 inch = 30 feet

North

Disclaimer: This figure is based on available data. Actual conditions may differ. All locations and dimensions are approximate.

SCS ENGINEERS
Environmental Consultants
8799 Balboa Avenue, Suite 290
San Diego, California 92123

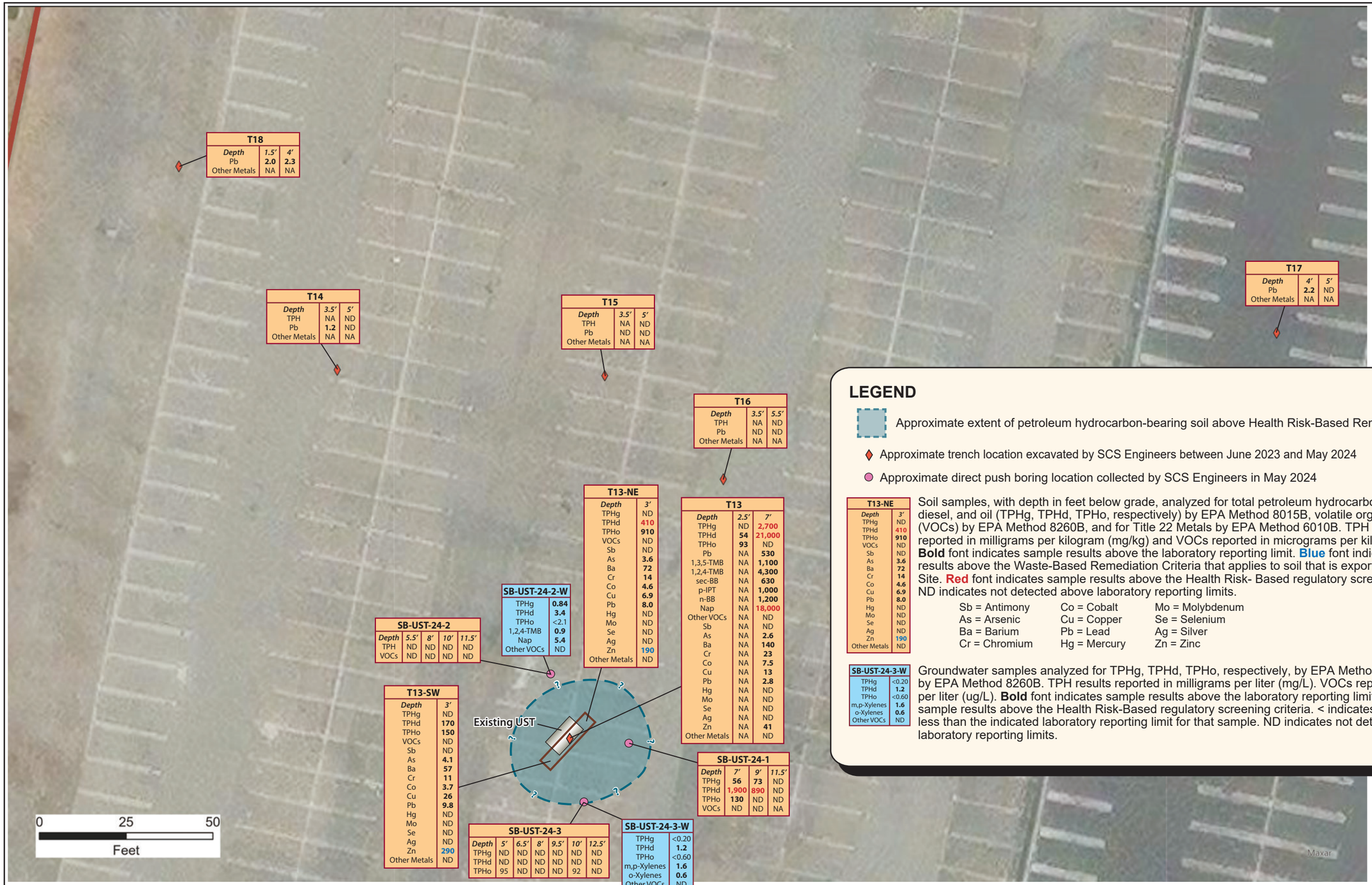
INSET 2 - SOIL SAMPLE ANALYTICAL RESULTS FOR TPH, VOCs, OCPs, AND TITLE 22 METALS

Midway Rising, LLC
3220, 3240, 3250, 3350, and 3500 Sports Arena Boulevard
San Diego, California

Project No.: 01213320.07

Figure 9

Date Drafted: 9/12/24



LEGEND

Approximate extent of petroleum hydrocarbon-bearing soil above Health Risk-Based Remediation Criteria

Approximate trench location excavated by SCS Engineers between June 2023 and May 2024

Approximate direct push boring location collected by SCS Engineers in May 2024

T13-NE

Depth	3′
TPHg	ND
TPHd	410
TPHo	910
VOCs	ND
Sb	ND
As	3.6
Ba	72
Cr	14
Co	4.6
Cu	6.9
Pb	8.0
Hg	ND
Mo	ND
Se	ND
Ag	ND
Zn	190
Other Metals	ND

Soil samples, with depth in feet below grade, analyzed for total petroleum hydrocarbons as gasoline, diesel, and oil (TPHg, TPHd, TPHo, respectively) by EPA Method 8015B, volatile organic compounds (VOCs) by EPA Method 8260B, and for Title 22 Metals by EPA Method 6010B. TPH and metal results reported in milligrams per kilogram (mg/kg) and VOCs reported in micrograms per kilogram (ug/kg). **Bold** font indicates sample results above the laboratory reporting limit. **Blue** font indicates sample results above the Waste-Based Remediation Criteria that applies to soil that is exported from the Site. **Red** font indicates sample results above the Health Risk- Based regulatory screening criteria. ND indicates not detected above laboratory reporting limits.

Sb = Antimony	Co = Cobalt	Mo = Molybdenum
As = Arsenic	Cu = Copper	Se = Selenium
Ba = Barium	Pb = Lead	Ag = Silver
Cr = Chromium	Hg = Mercury	Zn = Zinc

SB-UST-24-3-W

TPHg	<0.20
TPHd	1.2
TPHo	<0.60
m,p-Xylenes	1.6
o-Xylenes	0.6
Other VOCs	ND

Groundwater samples analyzed for TPHg, TPHd, TPHo, respectively, by EPA Method 8015B and VOCs by EPA Method 8260B. TPH results reported in milligrams per liter (mg/L). VOCs reported in micrograms per liter (ug/L). **Bold** font indicates sample results above the laboratory reporting limit. **Red** font indicates sample results above the Health Risk-Based regulatory screening criteria. < indicates concentration is less than the indicated laboratory reporting limit for that sample. ND indicates not detected above laboratory reporting limits.

Disclaimer: This figure is based on available data. Actual conditions may differ. All locations and dimensions are approximate.

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Environmental Consultants
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San Diego, California 92123

INSET 3 - SOIL SAMPLE ANALYTICAL RESULTS FOR TPH, VOCs AND TITLE 22 METALS

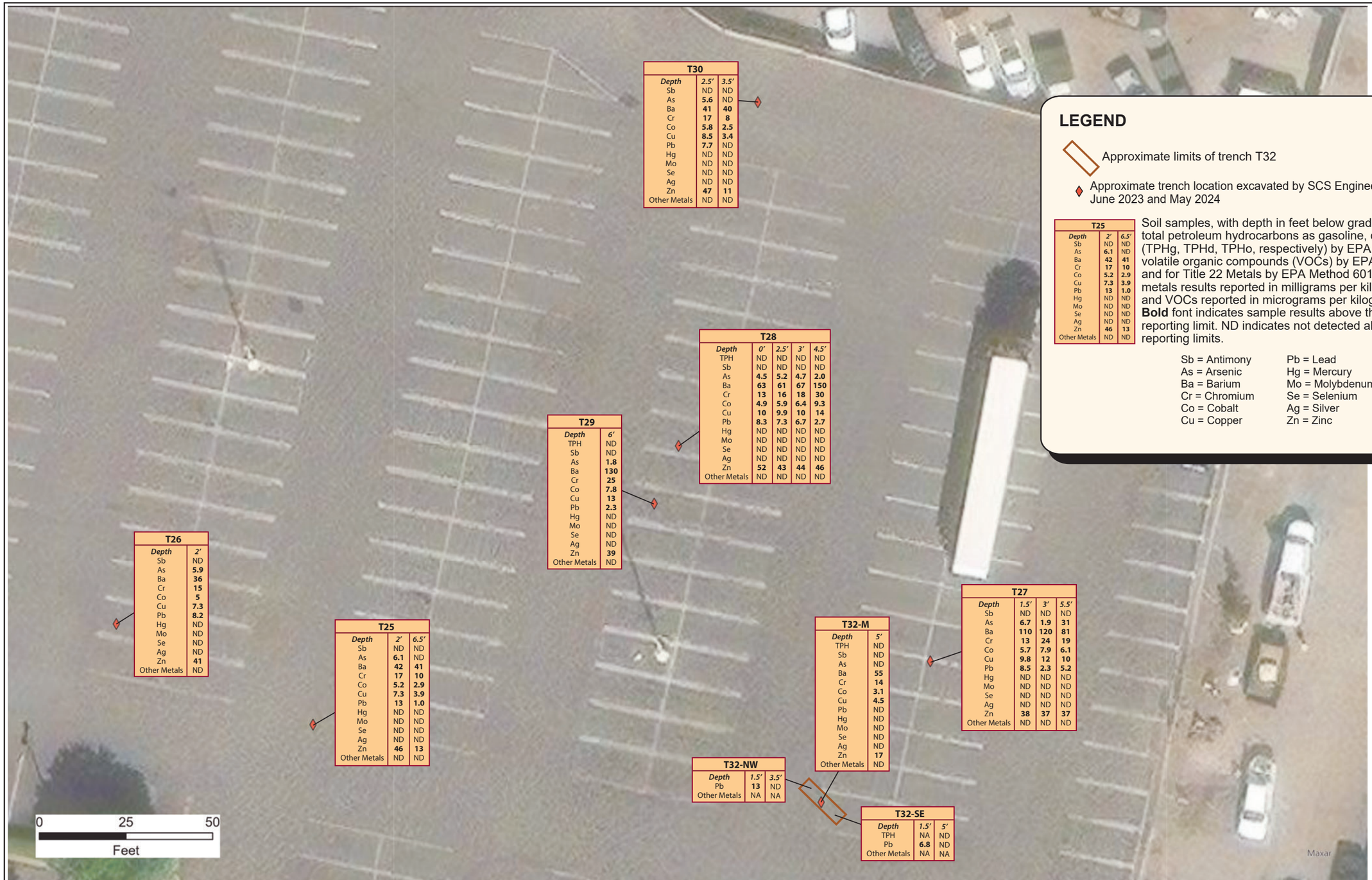
Midway Rising, LLC

3220, 3240, 3250, 3350, and 3500 Sports Arena Boulevard
San Diego, California

Project No.: 01213320.07

Figure 10

Date Drafted: 9/30/24



LEGEND

Approximate limits of trench T32

Approximate trench location excavated by SCS Engineers between June 2023 and May 2024

Soil samples, with depth in feet below grade, analyzed for total petroleum hydrocarbons as gasoline, diesel, and oil (TPHg, TPHd, TPHo, respectively) by EPA Method 8015B, volatile organic compounds (VOCs) by EPA Method 8260B, and for Title 22 Metals by EPA Method 6010B. TPH and metals results reported in milligrams per kilogram (mg/kg) and VOCs reported in micrograms per kilogram (ug/kg). **Bold** font indicates sample results above the laboratory reporting limit. ND indicates not detected above laboratory reporting limits.

Sb = Antimony
As = Arsenic
Ba = Barium
Cr = Chromium
Co = Cobalt
Cu = Copper
Pb = Lead
Hg = Mercury
Mo = Molybdenum
Se = Selenium
Ag = Silver
Zn = Zinc

Disclaimer: This figure is based on available data. Actual conditions may differ. All locations and dimensions are approximate.

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San Diego, California 92123

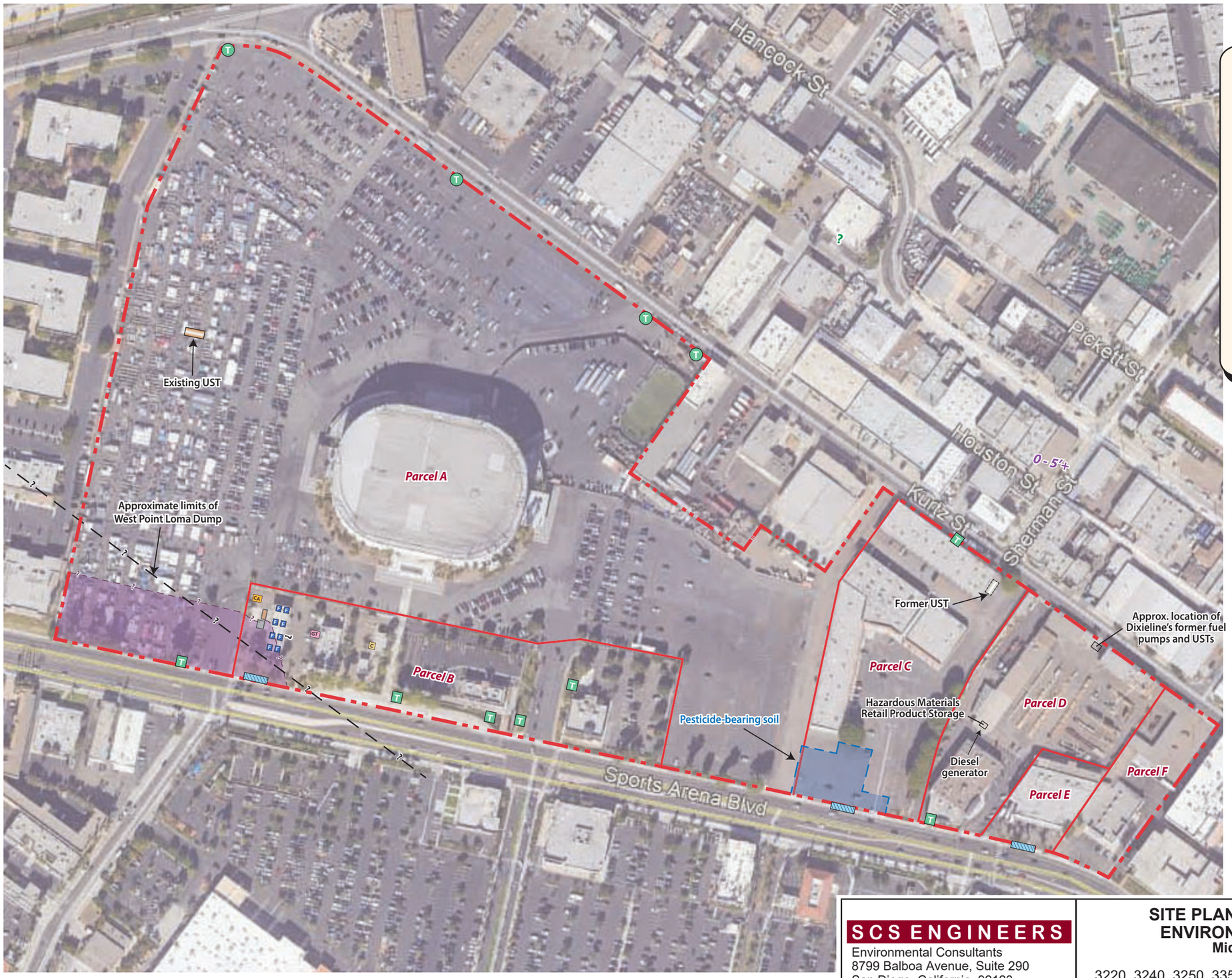
INSET 4 - SOIL SAMPLE ANALYTICAL RESULTS FOR TPH AND TITLE 22 METALS

Midway Rising, LLC
3220, 3240, 3250, 3350, and 3500 Sports Arena Boulevard
San Diego, California

Project No.: 01213320.07

Figure 11

Date Drafted: 9/11/24



LEGEND

- Approximate Site boundary
- Transformer
- Pole-mounted transformer
- Storm drain
- Fuel pump island
- Clean air separator
- Grease trap
- Approximate area of diesel UST
- Approximate area of gasoline UST
- Approximate limits of burn dump waste from this investigation

North
Not to Scale

Reference: Google Earth Aerial Photograph
San Diego, California - November 2018

Disclaimer: This figure is based on available data. Actual conditions may differ. All locations and dimensions are approximate.

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San Diego, California 92123

SITE PLAN WITH FEATURES OF ENVIRONMENTAL CONCERN

Midway Rising, LLC
Midway Rising
3220, 3240, 3250, 3350, and 3500 Sports Arena Boulevard
San Diego, California

Project No.: 01213320.07

Figure 12

Date Drafted: 9/12/24

HIGHTENED VALUES POSSIBLY DUE TO SATURATED SOILS

POTENTIAL STORM DRAIN LINE

POTENTIAL LIMITS OF BURN MATERIALS

TRAFFIC SIGNAL COILS

STUDY LIMITS

TRAFFIC SIGNAL COILS

Kurtz Street

Sports Arena Boulevard

Hancock Street

Hancock Street

Interstate

A

B

C

D

E

F

G

H

I

Street Light
Electric Vault
Electric Riser
Communications Manhole
Communications Vault
Communications Riser
Storm Drain Grate
Storm Drain Manhole
Sewer Cleanout
Clarifier
Cut Off Post
Sign Post
Parking Stop
Anomaly
Possible Excavation
Vehicle
Reinforced Concrete
Building
Obstruction
K-Rail
Chain Link Fence
Water Line
Gas Line
Electric Line
Communications Line
Storm Drain Line
Sewer Line
Unidentified Line

* All dimensions are approximate.
* Line depths reported where measured.
* Lines queried where termination uncertain.

Legend

Approximate Site Boundary

Approximate Area of 2024 Geophysical Survey

Note:
A and B show the approximate location of anomalies detected during the geophysical survey

N
W E
S

0 250
Feet

1 inch = 250 feet

Geophysical Map - EM31 In-Phase

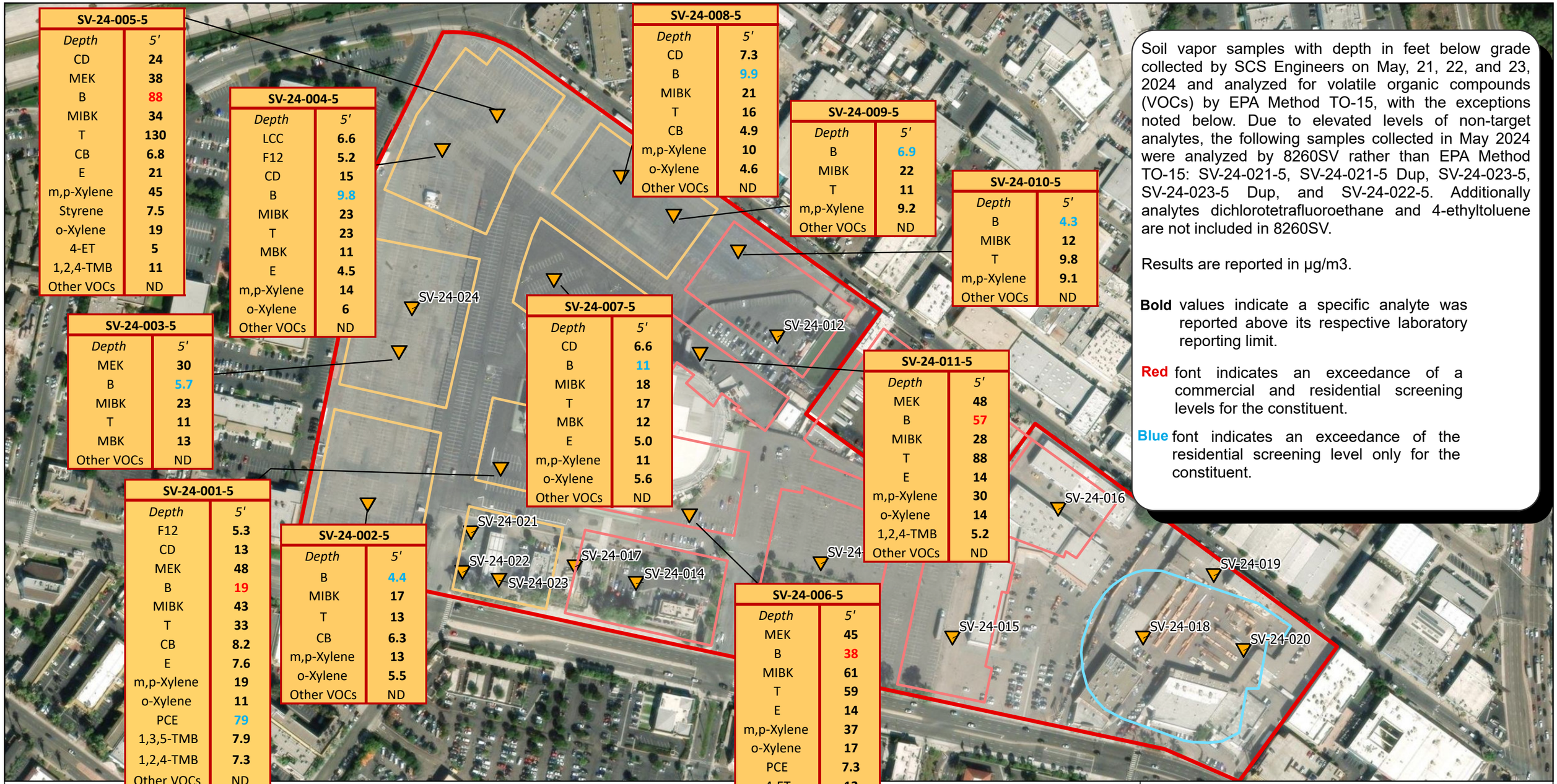
Midway Rising, LLC
3220, 3240, 3250, 3350 and 3500
Sports Arena Boulevard
San Diego, California

Figure 13	Sep 2024

SCS ENGINEERS

C:\ArcGIS\SDSportsArenaComplex\SDSportsArenaComplex.aprx BY 5315mlh

Maxar



Soil vapor samples with depth in feet below grade collected by SCS Engineers on May, 21, 22, and 23, 2024 and analyzed for volatile organic compounds (VOCs) by EPA Method TO-15, with the exceptions noted below. Due to elevated levels of non-target analytes, the following samples collected in May 2024 were analyzed by 8260SV rather than EPA Method TO-15: SV-24-021-5, SV-24-021-5 Dup, SV-24-023-5, SV-24-023-5 Dup, and SV-24-022-5. Additionally analytes dichlorotetrafluoroethane and 4-ethyltoluene are not included in 8260SV.

Results are reported in µg/m3.

Bold values indicate a specific analyte was reported above its respective laboratory reporting limit.

Red font indicates an exceedance of a commercial and residential screening levels for the constituent.

Blue font indicates an exceedance of the residential screening level only for the constituent.

Legend

- Approx. Limits of Site Development
- Planned Mixed Use Building Locations
- Planned Residential Building Locations
- Plannned Location of the San Diego Entertainment Center
- Approximate Soil Vapor Boring Locations 2024

Notes:

LCC = 1,1-Difluoro-ethane
F12 = Dichloro-difluoro-methane
CM = Chloromethane
CD = Carbon Disulfide
MEK = 2-Butanone
CF = Chloroform
B = Benzene
MIBK = 4-Methyl-2-pentanone
T = Toluene
MBK = 2-Hexanone
CB = Chlorobenzene
E = Ethylbenzene
PCE = Tetrachloroethene
4-ET = 4-Ethyl-toluene
1,3,5-TMB = 1,3,5-Trimethyl-benzene
1,2,4-TMB = 1,2,4-Trimethyl-benzene

N
W E
S

0 275
Feet

1 inch = 275 feet

Site Plan Showing Soil Vapor Sampling Locations and Analytical Results for Locations 1 through 11

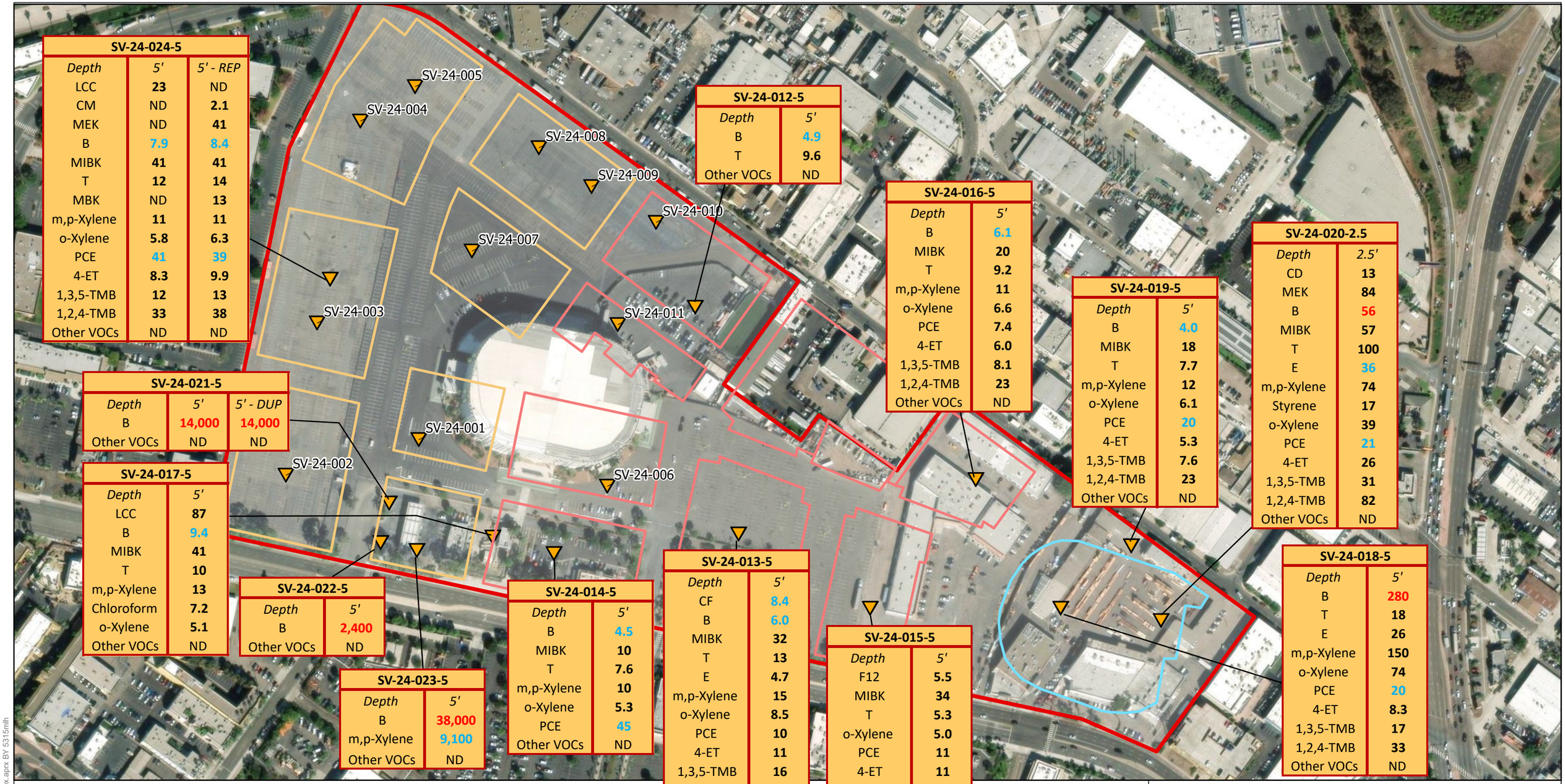
Midway Rising, LLC
3220, 3240, 3250, 3350 and 3500 Sports Arena Boulevard
San Diego, California

Figure 14a	Sep 2024

SCS ENGINEERS

C:\ArcGIS\SDSportsArenaComplex\SDSportsArenaComplex.aprx BY 5315mlh

Maxar



SV-24-024-5		
Depth	*5'*	*5' - REP*
LCC	**23**	ND
CM	ND	**2.1**
MEK	ND	**41**
B	**7.9**	**8.4**
MIBK	**41**	**41**
T	**12**	**14**
MBK	ND	**13**
m,p-Xylene	**11**	**11**
o-Xylene	**5.8**	**6.3**
PCE	**41**	**39**
4-ET	**8.3**	**9.9**
1,3,5-TMB	**12**	**13**
1,2,4-TMB	**33**	**38**
Other VOCs	ND	ND

SV-24-012-5	
Depth	*5'*
B	**4.9**
T	**9.6**
Other VOCs	ND

SV-24-016-5	
Depth	*5'*
B	**6.1**
MIBK	**20**
T	**9.2**
m,p-Xylene	**11**
o-Xylene	**6.6**
PCE	**7.4**
4-ET	**6.0**
1,3,5-TMB	**8.1**
1,2,4-TMB	**23**
Other VOCs	ND

SV-24-019-5	
Depth	*5'*
B	**4.0**
MIBK	**18**
T	**7.7**
m,p-Xylene	**12**
o-Xylene	**6.1**
PCE	**20**
4-ET	**5.3**
1,3,5-TMB	**7.6**
1,2,4-TMB	**23**
Other VOCs	ND

SV-24-020-2.5	
Depth	*2.5'*
CD	**13**
MEK	**84**
B	**56**
MIBK	**57**
T	**100**
E	**36**
m,p-Xylene	**74**
Styrene	**17**
o-Xylene	**39**
PCE	**21**
4-ET	**26**
1,3,5-TMB	**31**
1,2,4-TMB	**82**
Other VOCs	ND

SV-24-021-5		
Depth	*5'*	*5' - DUP*
B	**14,000**	**14,000**
Other VOCs	ND	ND

SV-24-017-5	
Depth	*5'*
LCC	**87**
B	**9.4**
MIBK	**41**
T	**10**
m,p-Xylene	**13**
Chloroform	**7.2**
o-Xylene	**5.1**
Other VOCs	ND

SV-24-022-5	
Depth	*5'*
B	**2,400**
Other VOCs	ND

SV-24-023-5	
Depth	*5'*
B	**38,000**
m,p-Xylene	**9,100**
Other VOCs	ND

SV-24-014-5	
Depth	*5'*
B	**4.5**
MIBK	**10**
T	**7.6**
m,p-Xylene	**10**
o-Xylene	**5.3**
PCE	**45**
Other VOCs	ND

SV-24-013-5	
Depth	*5'*
CF	**8.4**
B	**6.0**
MIBK	**32**
T	**13**
E	**4.7**
m,p-Xylene	**15**
o-Xylene	**8.5**
PCE	**10**
4-ET	**11**
1,3,5-TMB	**16**
1,2,4-TMB	**48**
Other VOCs	ND

SV-24-015-5	
Depth	*5'*
F12	**5.5**
MIBK	**34**
T	**5.3**
o-Xylene	**5.0**
PCE	**11**
4-ET	**11**
1,3,5-TMB	**18**
1,2,4-TMB	**53**
Other VOCs	ND

SV-24-018-5	
Depth	*5'*
B	**280**
T	**18**
E	**26**
m,p-Xylene	**150**
o-Xylene	**74**
PCE	**20**
4-ET	**8.3**
1,3,5-TMB	**17**
1,2,4-TMB	**33**
Other VOCs	ND

Legend

- Approx. Limits of Site Development
- Planned Mixed Use Building Locations
- Planned Residential Building Locations
- Plannned Location of the San Diego Entertainment Center
- Approximate Soil Vapor Boring Locations 2024

See Figure 13 for soil vapor sampling details

Notes:

LCC = 1,1-Difluoro-ethane
F12 = Dichloro-difluoro-methane
CM = Chloromethane
CD = Carbon Disulfide
MEK = 2-Butanone
CF = Chloroform
B = Benzene
MIBK = 4-Methyl-2-pentanone
T = Toluene
MBK = 2-Hexanone
CB = Chlorobenzene
E = Ethylbenzene
PCE = Tetrachloroethene
4-ET = 4-Ethyl-toluene
1,3,5-TMB = 1,3,5-Trimethyl-benzene
1,2,4-TMB = 1,2,4-Trimethyl-benzene

N
W E
S

0 275
Feet

1 inch = 275 feet

Site Plan Showing Soil Vapor Sampling Locations and Analytical Results for Locations 12 through 24

Midway Rising, LLC
3220, 3240, 3250, 3350 and 3500
Sports Arena Boulevard
San Diego, California

Figure 14b | **Sep 2024**

SCS ENGINEERS

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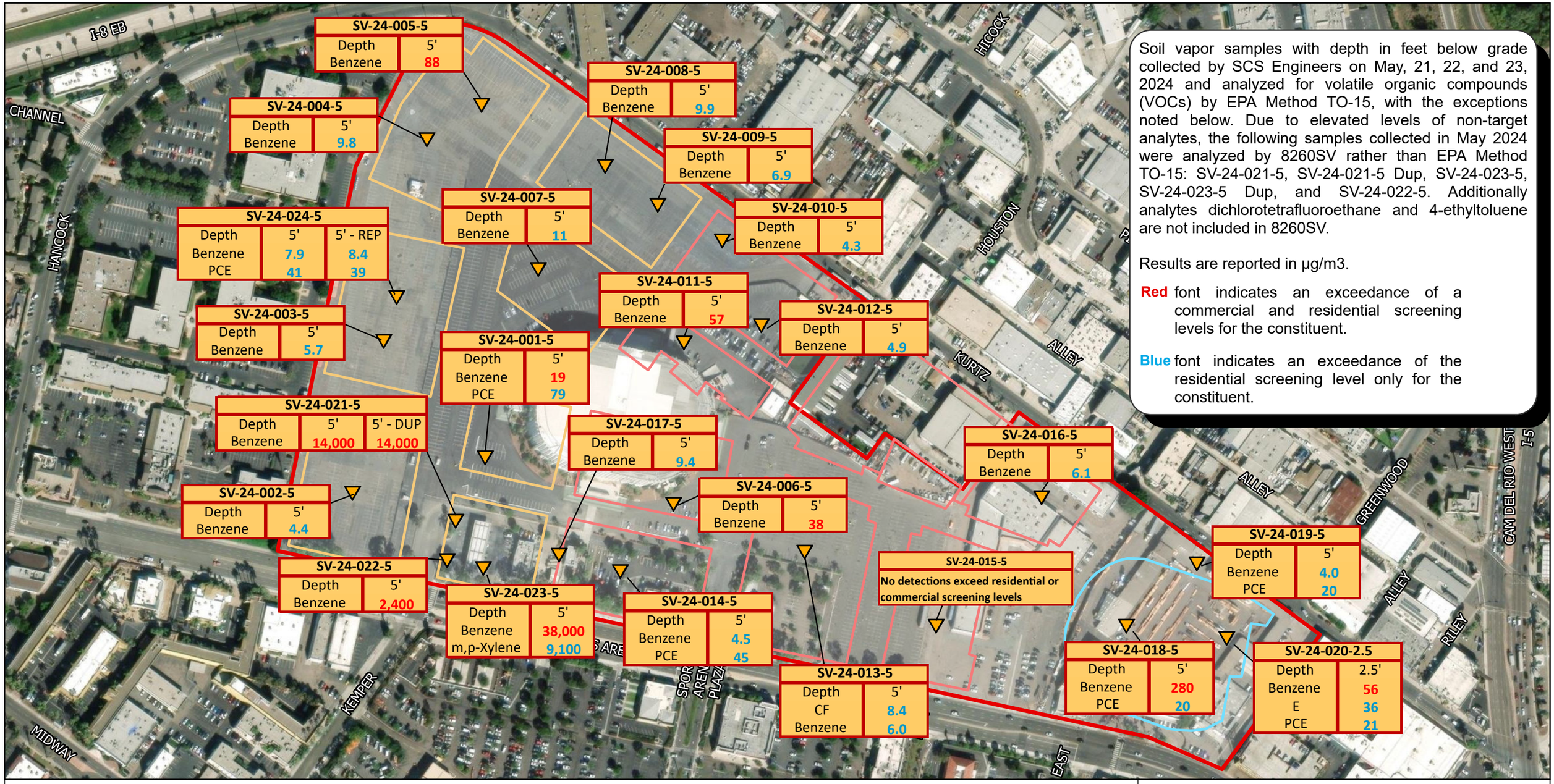
Maxar



Soil vapor samples with depth in feet below grade collected by SCS Engineers on May, 21, 22, and 23, 2024 and analyzed for volatile organic compounds (VOCs) by EPA Method TO-15, with the exceptions noted below. Due to elevated levels of non-target analytes, the following samples collected in May 2024 were analyzed by 8260SV rather than EPA Method TO-15: SV-24-021-5, SV-24-021-5 Dup, SV-24-023-5, SV-24-023-5 Dup, and SV-24-022-5. Additionally analytes dichlorotetrafluoroethane and 4-ethyltoluene are not included in 8260SV.

Results are reported in µg/m3.

Red font indicates an exceedance of a commercial and residential screening levels for the constituent.

Blue font indicates an exceedance of the residential screening level only for the constituent.

Legend

- Approx. Limits of Site Development
- Planned Mixed Use Building Locations
- Planned Residential Building Locations
- Plannned Location of the San Diego Entertainment Center
- Approximate Soil Vapor Boring Locations 2024

Notes:

LCC = 1,1-Difluoro-ethane
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MBK = 2-Hexanone
CB = Chlorobenzene
E = Ethylbenzene
PCE = Tetrachloroethene
4-ET = 4-Ethyl-toluene
1,3,5-TMB = 1,3,5-Trimethyl-benzene
1,2,4-TMB = 1,2,4-Trimethyl-benzene

N W E S

0 275 Feet

1 inch = 275 feet

Site Plan Showing Soil Vapor Sampling Locations and Select Analytical

Midway Rising, LLC
3220, 3240, 3250, 3350 and 3500
Sports Arena Boulevard
San Diego, California

Figure 14c	Sep 2024

SCS ENGINEERS

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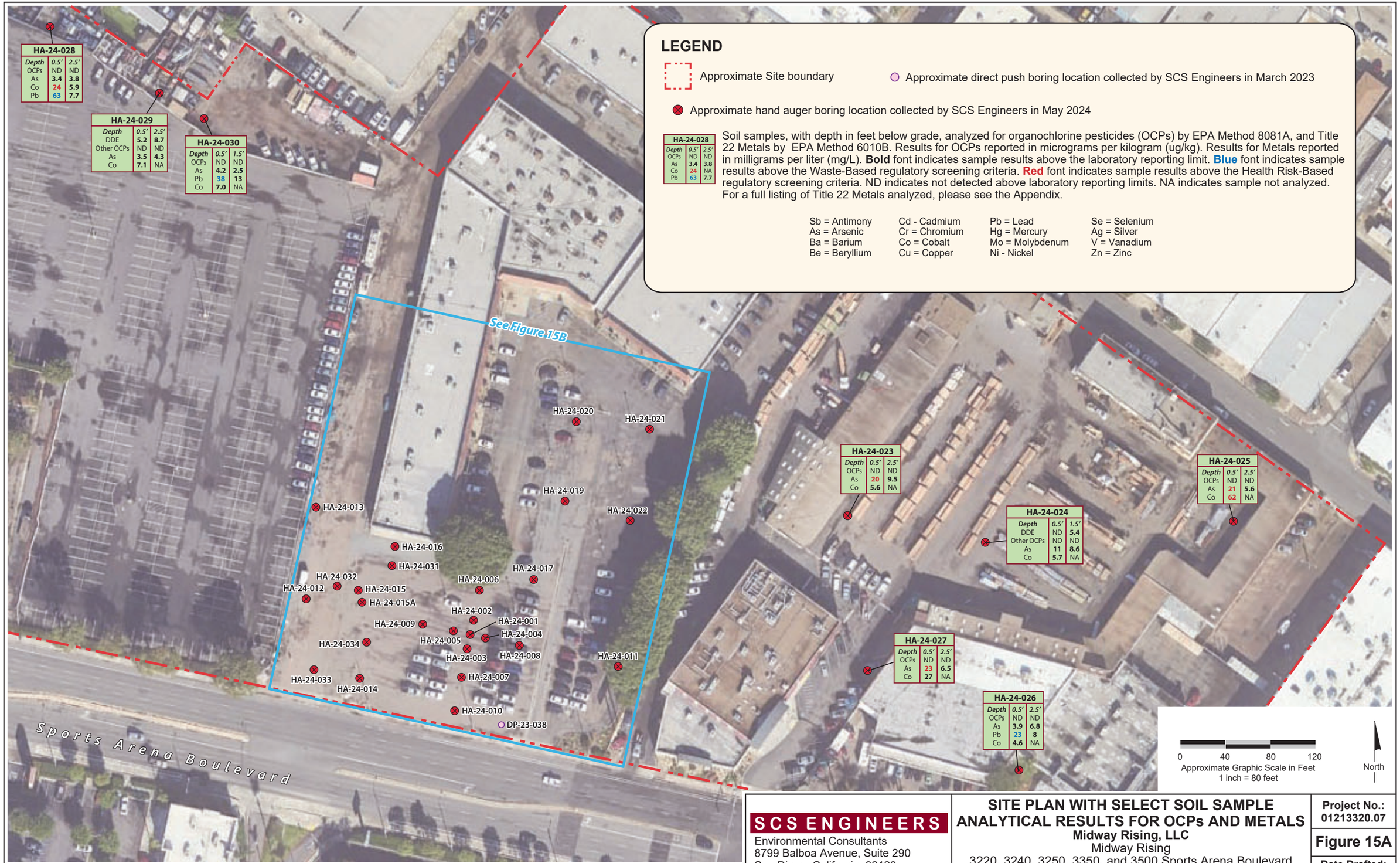
Maxar



LEGEND

Approximate Site boundary

Approximate direct push boring location collected by SCS Engineers in March 2023

Approximate hand auger boring location collected by SCS Engineers in May 2024

HA-24-028	
Depth	*0.5′* / *2.5′*
OCPs	ND / ND
As	**3.4** / **3.8**
Co	24 / **5.9**
Pb	63 / **7.7**

Soil samples, with depth in feet below grade, analyzed for organochlorine pesticides (OCPs) by EPA Method 8081A, and Title 22 Metals by EPA Method 6010B. Results for OCPs reported in micrograms per kilogram (ug/kg). Results for Metals reported in milligrams per liter (mg/L). **Bold** font indicates sample results above the laboratory reporting limit. **Blue** font indicates sample results above the Waste-Based regulatory screening criteria. **Red** font indicates sample results above the Health Risk-Based regulatory screening criteria. ND indicates not detected above laboratory reporting limits. NA indicates sample not analyzed. For a full listing of Title 22 Metals analyzed, please see the Appendix.

Sb = Antimony	Cd - Cadmium	Pb = Lead	Se = Selenium
As = Arsenic	Cr = Chromium	Hg = Mercury	Ag = Silver
Ba = Barium	Co = Cobalt	Mo = Molybdenum	V = Vanadium
Be = Beryllium	Cu = Copper	Ni - Nickel	Zn = Zinc

Disclaimer: This figure is based on available data. Actual conditions may differ. All locations and dimensions are approximate.

SCS ENGINEERS
Environmental Consultants
8799 Balboa Avenue, Suite 290
San Diego, California 92123

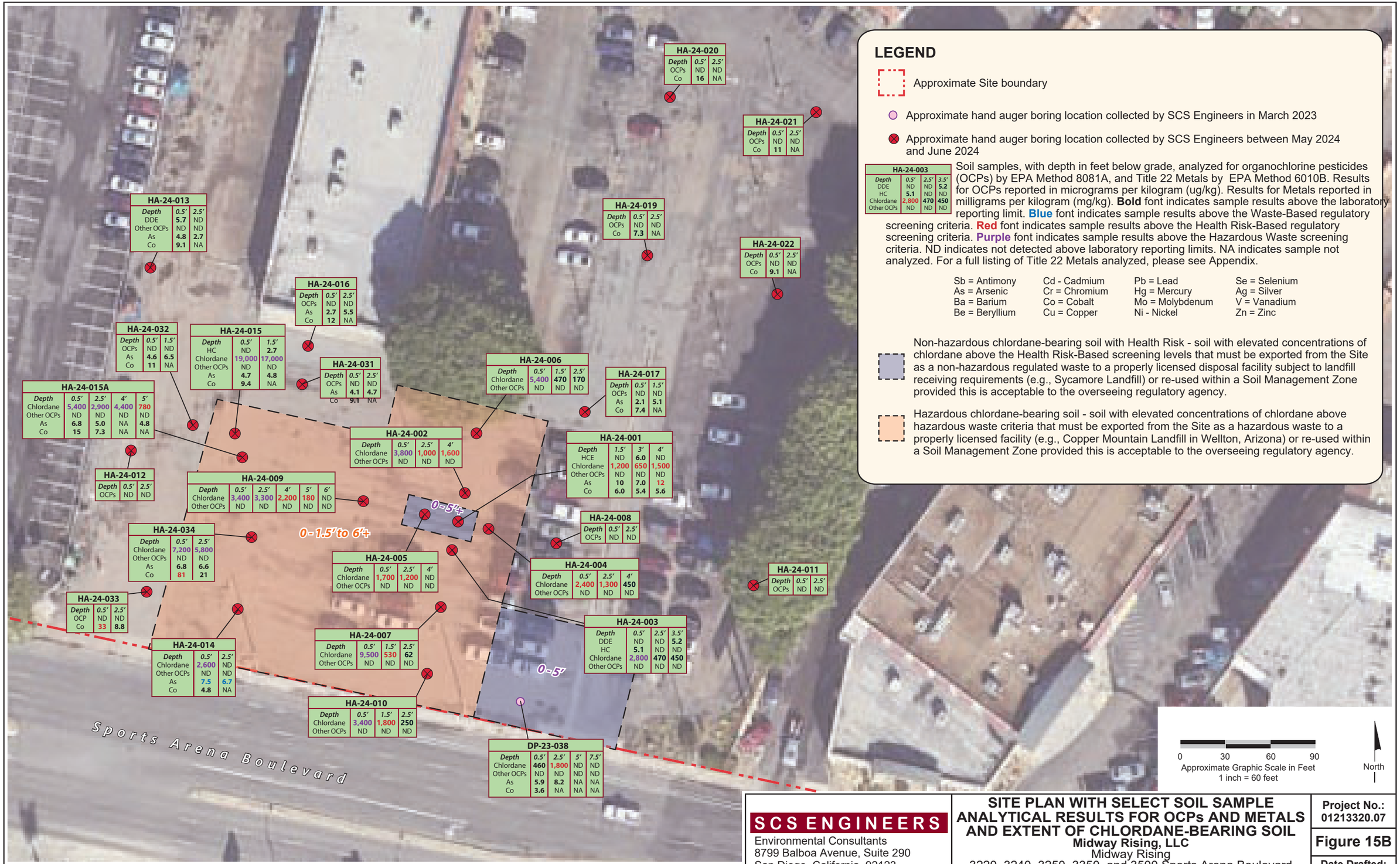
SITE PLAN WITH SELECT SOIL SAMPLE ANALYTICAL RESULTS FOR OCPs AND METALS

Midway Rising, LLC
Midway Rising
3220, 3240, 3250, 3350, and 3500 Sports Arena Boulevard
San Diego, California

Project No.: 01213320.07

Figure 15A

Date Drafted: 9/13/24



LEGEND

Approximate Site boundary

Approximate hand auger boring location collected by SCS Engineers in March 2023

Approximate hand auger boring location collected by SCS Engineers between May 2024 and June 2024

HA-24-003			
Depth	0.5′	2.5′	3.5′
DDE	ND	ND	5.2
HC	5.1	ND	ND
Chlordane	2,800	470	450
Other OCPs	ND	ND	ND

Soil samples, with depth in feet below grade, analyzed for organochlorine pesticides (OCPs) by EPA Method 8081A, and Title 22 Metals by EPA Method 6010B. Results for OCPs reported in micrograms per kilogram (ug/kg). Results for Metals reported in milligrams per kilogram (mg/kg). **Bold** font indicates sample results above the laboratory reporting limit. **Blue** font indicates sample results above the Waste-Based regulatory screening criteria. **Red** font indicates sample results above the Health Risk-Based regulatory screening criteria. **Purple** font indicates sample results above the Hazardous Waste screening criteria. ND indicates not detected above laboratory reporting limits. NA indicates sample not analyzed. For a full listing of Title 22 Metals analyzed, please see Appendix.

Sb = Antimony	Cd - Cadmium	Pb = Lead	Se = Selenium
As = Arsenic	Cr = Chromium	Hg = Mercury	Ag = Silver
Ba = Barium	Co = Cobalt	Mo = Molybdenum	V = Vanadium
Be = Beryllium	Cu = Copper	Ni - Nickel	Zn = Zinc

Non-hazardous chlordane-bearing soil with Health Risk - soil with elevated concentrations of chlordane above the Health Risk-Based screening levels that must be exported from the Site as a non-hazardous regulated waste to a properly licensed disposal facility subject to landfill receiving requirements (e.g., Sycamore Landfill) or re-used within a Soil Management Zone provided this is acceptable to the overseeing regulatory agency.

Hazardous chlordane-bearing soil - soil with elevated concentrations of chlordane above hazardous waste criteria that must be exported from the Site as a hazardous waste to a properly licensed facility (e.g., Copper Mountain Landfill in Wellton, Arizona) or re-used within a Soil Management Zone provided this is acceptable to the overseeing regulatory agency.

Disclaimer: This figure is based on available data. Actual conditions may differ. All locations and dimensions are approximate.

SCS ENGINEERS
Environmental Consultants
8799 Balboa Avenue, Suite 290
San Diego, California 92123

SITE PLAN WITH SELECT SOIL SAMPLE ANALYTICAL RESULTS FOR OCPs AND METALS AND EXTENT OF CHLORDANE-BEARING SOIL

Midway Rising, LLC
Midway Rising
3220, 3240, 3250, 3350, and 3500 Sports Arena Boulevard
San Diego, California

Project No.: 01213320.07

Figure 15B

Date Drafted: 9/13/24

TABLES

Table 1
Soil Sample Analytical Results for TPH, VOCs, OCPs
Midway Rising - Sports Arena
3220, 3240, 3250, 3350, and 3500 Sports Arena Boulevard
San Diego, California

Sample Identifier	Sample Depth	Sample Date	Sampled by	TPH GROs	TPH DROs	TPH OROs	DDE	Hepta-chlor	Hepta-chlor epoxide	Chlordane	Chlordane TCLP	Chlordane WET/STLC	Other OCPs	Ethylbenzene	m,p-Xylenes	o-Xylene	Propylbenzene	1,3,5-TMB	1,2,4-TMB	sec-Butyl-benzene	para-Isopropyl Toluene	n-Butyl-benzene	Naphthalene	Other VOCs	Phenol	Other SVOCs
				mg/kg			µg/kg				µg/L			µg/kg												
Health Risk-Based Remediation Criteria (Residential)[1]				430	260	12,000	1,800	1,900	1,900	480	NA	NA	NA	5,800^	550,000^	640,000^	3,800,000^	270,000^	300,000^	2,200,000	NE	2,400,000	2,000	NA	19,000,000	NA
Health Risk-Based Remediation Criteria (Commercial)[1]				2,000	1,200	180,000	8,300	8,500	8,500	2,200	NA	NA	NA	25,000^	2,400,000^	2,800,000^	24,000,000^	1,500,000^	1,800,000^	12,000,000	NE	18,000,000	6,500	NA	1,600,000,000	NA
Waste-Based Remediation Criteria[2]				Any detectable concentration above laboratory reporting limits																						
Hazardous Waste Criteria[1]				NA	NA	NA	NA	NA	NA	2,500	30	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPV-23-031-0.5	0.5	2/7/2023	SCS Engineers	< 10	< 10	**59**	< 9.8	< 9.8	< 9.8	< 98	NA	NA	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	ND	NA	NA
DPV-23-031-2.5	2.5	2/7/2023	SCS Engineers	**26**	**38**	**75**	NA	NA	NA	NA	NA	NA	NA	< 5.0	< 5.0	< 5.1	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND	NA	NA
DPV-23-031-5.0	5	2/7/2023	SCS Engineers	< 10	< 10	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPV-23-031-10	10	2/7/2023	SCS Engineers	< 9.9	< 9.9	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPV-23-032-0.5	0.5	2/7/2023	SCS Engineers	< 500	< 500	**2,700**	< 10	< 10	< 10	< 100	NA	NA	ND	**310**	**1,400**	**410**	<25	<25	<25	<25	<25	<25	<25	ND	NA	NA
DPV-23-032-2.5	2.5	2/7/2023	SCS Engineers	< 10	< 10	< 50	NA	NA	NA	NA	NA	NA	NA	< 5.0	< 10	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	ND	NA	NA
DPV-23-032-5.0	5	2/7/2023	SCS Engineers	< 10	< 10	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPV-23-032-10	10	2/7/2023	SCS Engineers	< 9.9	< 9.9	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-033-0.5	0.5	2/6/2023	SCS Engineers	< 9.9	< 9.9	< 50	< 5.0	< 5.0	< 5.0	< 50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-033-5.0	5	2/6/2023	SCS Engineers	< 10	< 10	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-033-10	10	2/6/2023	SCS Engineers	< 9.9	< 9.9	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-034-0.5	0.5	2/6/2023	SCS Engineers	< 10	< 10	< 50	< 5.0	< 5.0	< 5.0	< 50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-034-5.0	5	2/6/2023	SCS Engineers	< 9.9	< 9.9	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-034-10	10	2/6/2023	SCS Engineers	< 9.9	< 9.9	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPV-23-035-0.5	0.5	2/7/2023	SCS Engineers	< 10	< 10	< 50	< 50	< 50	< 50	< 500	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPV-23-035-5.0	5	2/7/2023	SCS Engineers	< 10	< 10	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPV-23-035-10	10	2/7/2023	SCS Engineers	< 10	< 10	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-036-0.5	0.5	2/6/2023	SCS Engineers	< 9.9	< 9.9	< 50	< 5.0	< 5.0	< 5.0	< 50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-036-5.0	5	2/6/2023	SCS Engineers	< 9.9	< 9.9	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-036-10	10	2/6/2023	SCS Engineers	< 9.9	< 9.9	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-037-0.5	0.5	2/6/2023	SCS Engineers	< 10	< 10	< 50	< 5.0	< 5.0	< 5.0	< 50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-037-5.0	5	2/6/2023	SCS Engineers	< 9.9	< 9.9	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-037-10	10	2/6/2023	SCS Engineers	< 10	< 10	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-038-0.5	0.5	3/23/2023	SCS Engineers	< 9.9	< 9.9	< 50	< 4.9	< 4.9	< 4.9	**460**	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-038-2.5	2.5	3/23/2023	SCS Engineers	NA	NA	NA	< 5.0	< 5.0	< 5.0	**1,800**	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-038-5.0	5	3/23/2023	SCS Engineers	< 10	< 10	< 50	< 5.0	< 5.0	< 5.0	< 50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-038-7.5	7.5	3/23/2023	SCS Engineers	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-038-10	10	3/23/2023	SCS Engineers	< 10	< 10	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-039-0.5	0.5	3/23/2023	SCS Engineers	< 9.9	< 9.9	< 50	< 5.0	< 5.0	< 5.0	< 50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-039-5.0	5	3/23/2023	SCS Engineers	< 10	< 10	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-039-10	10	3/23/2023	SCS Engineers	< 10	< 10	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-040-0.5	0.5	3/23/2023	SCS Engineers	< 10	< 10	< 50	< 4.9	< 4.9	< 4.9	< 49	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-040-5.0	5	3/23/2023	SCS Engineers	< 9.9	< 9.9	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-040-10	10	3/23/2023	SCS Engineers	< 10	< 10	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-041-0.5	0.5	3/23/2023	SCS Engineers	< 10	< 10	**230**	< 50	< 50	< 50	< 500	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-041-2.5	2.5	3/23/2023	SCS Engineers	< 10	< 10	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-041-5.0	5	3/23/2023	SCS Engineers	< 10	**24**	**670**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-041-7.5	7.5	3/23/2023	SCS Engineers	< 10	< 10	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-041-10	10	3/23/2023	SCS Engineers	< 9.9	**13**	**200**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-042-0.5	0.5	3/23/2023	SCS Engineers	< 9.9	< 9.9	< 50	< 4.9	< 4.9	< 4.9	< 49	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-042-5.0	5	3/23/2023	SCS Engineers	< 9.9	< 9.9	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-042-10	10	3/23/2023	SCS Engineers	< 10	< 10	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-043-0.5	0.5	2/6/2023	SCS Engineers	< 10	< 10	< 50	< 5.0	< 5.0	< 5.0	< 50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-043-5.0	5	2/6/2023	SCS Engineers	< 10	< 10	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-043-10	10	2/6/2023	SCS Engineers	< 10	< 10	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPV-23-051-0.5	0.5	2/6/2023	SCS Engineers	< 10	< 10	< 50	< 5.0	< 5.0	< 5.0	< 50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPV-23-051-5.0	5	2/6/2023	SCS Engineers	< 9.9	< 9.9	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPV-23-051-10	10	2/6/2023	SCS Engineers	< 9.9	< 9.9	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPV-23-052-0.5	0.5	2/6/2023	SCS Engineers	< 10	< 10	< 50	< 4.9	< 4.9	< 4.9	< 49	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPV-23-052-5.0	5	2/6/2023	SCS Engineers	< 10	< 10	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPV-23-052-10	10	2/6/2023	SCS Engineers	< 10	< 10	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPV-23-053-0.5	0.5	2/6/2023	SCS Engineers	< 9.9	< 9.9	< 50	< 5.0	< 5.0	< 5.0	< 50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPV-23-053-5.0	5	2/6/2023	SCS Engineers	< 9.9	< 9.9	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPV-23-053-10	10	2/6/2023	SCS Engineers	< 10	< 10	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A-23-11-0.5'	0.5	2/6/2023	SCS Engineers	< 10	< 10	< 50	< 25	< 25	< 25	< 250	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A-23-11-5'	5	2/6/2023	SCS Engineers	< 10	< 10	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A-23-11-10'	10	2/6/2023	SCS Engineers	< 10	< 10	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A-23-012-0.5	0.5	2/7/2023	SCS Engineers	< 9.9	< 9.9	< 50	< 25	< 25	< 25	< 250	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A-23-012-2.5	2.5	2/7/2023	SCS Engineers	< 9.9	< 9.9	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A-23-012-5	5	2/7/2023	SCS Engineers	< 10	< 10	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A-23-012-15	15	2/7/2023	SCS Engineers	< 9.9	< 9.9	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A-23-13-0.5'	0.5	2/6/2023	SCS Engineers	< 10	< 10	< 50	< 5.0	< 5.0	< 5.0	< 50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A-23-13-5'	5	2/6/2023	SCS Engineers	< 10	< 10	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A-23-13-10'	10	2/6/2023	SCS Engineers	< 9.9	< 9.9	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A-23-14-0.5'	0.5	2/6/2023	SCS Engineers	< 9.9	< 9.9	< 50	< 9.9	< 9.9	< 9.9	< 99	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A-23-14-5'	5	2/6/2023	SCS Engineers	< 10	< 10	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A-23-14-10'	10	2/6/2023	SCS Engineers	< 9.9	**170**	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1
Soil Sample Analytical Results for TPH, VOCs, OCPs
Midway Rising - Sports Arena
3220, 3240, 3250, 3350, and 3500 Sports Arena Boulevard
San Diego, California

Sample Identifier	Sample Depth	Sample Date	Sampled by	TPH GROs	TPH DROs	TPH OROs	DDE	Hepta-chlor	Hepta-chlor epoxide	Chlordane	Chlordane TCLP	Chlordane WET/STLC	Other OCPs	Ethylbenzene	m,p-Xylenes	o-Xylene	Propylbenzene	1,3,5-TMB	1,2,4-TMB	sec-Butyl-benzene	para-Isopropyl Toluene	n-Butyl-benzene	Naphthalene	Other VOCs	Phenol	Other SVOCs
				mg/kg			µg/kg				µg/L			µg/kg												
Health Risk-Based Remediation Criteria (Residential)[1]				430	260	12,000	1,800	1,900	1,900	480	NA	NA	NA	5,800^	550,000^	640,000^	3,800,000^	270,000^	300,000^	2,200,000	NE	2,400,000	2,000	NA	19,000,000	NA
Health Risk-Based Remediation Criteria (Commercial)[1]				2,000	1,200	180,000	8,300	8,500	8,500	2,200	NA	NA	NA	25,000^	2,400,000^	2,800,000^	24,000,000^	1,500,000^	1,800,000^	12,000,000	NE	18,000,000	6,500	NA	1,600,000,000	NA
Waste-Based Remediation Criteria[2]				Any detectable concentration above laboratory reporting limits																						
Hazardous Waste Criteria[1]				NA	NA	NA	NA	NA	NA	2,500	30	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A-23-015-0.5	0.5	2/7/2023	SCS Engineers	< 50	< 50	< 250	< 25	< 25	< 25	< 250	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A-23-015-5	5	2/7/2023	SCS Engineers	< 9.9	< 9.9	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A-23-015-10	10	2/7/2023	SCS Engineers	< 9.9	< 9.9	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A-23-016-0.5	0.5	2/7/2023	SCS Engineers	< 10	< 10	< 50	**45**	< 25	< 25	< 250	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A-23-016-2.5	3	2/7/2023	SCS Engineers	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A-23-016-5	5	2/7/2023	SCS Engineers	< 9.9	< 9.9	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A-23-016-10	10	2/7/2023	SCS Engineers	< 9.9	< 9.9	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-001-1.5	1.5	3/4/2024	SCS Engineers	NA	NA	NA	<5.1	<5.1	<5.1	1,200	NA	<2.0	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-001-3	3	3/4/2024	SCS Engineers	NA	NA	NA	<5.0	<5.0	**6.0**	650	NA	<2.0	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-001-4	4	3/4/2024	SCS Engineers	NA	NA	NA	<5.1	<5.1	<5.1	1,500	NA	<2.0	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-002-0.5	0.5	3/4/2024	SCS Engineers	NA	NA	NA	<5.0	<5.0	<5.0	3,800	<2.0	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-002-2.5	2.5	3/4/2024	SCS Engineers	NA	NA	NA	<5.1	<5.1	<5.1	1,000	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-002-4	4	3/4/2024	SCS Engineers	NA	NA	NA	<5.1	<5.1	<5.1	1,600	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-003-0.5	0.5	3/4/2024	SCS Engineers	NA	NA	NA	<5.1	**5.1**	< 5.1	2,800	<2.0	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-003-2.5	2.5	3/4/2024	SCS Engineers	NA	NA	NA	<10	<10	<10	**470**	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-003-3.5	3.5	3/4/2024	SCS Engineers	NA	NA	NA	**5.2**	<5.1	<5.1	**450**	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-004-0.5	0.5	3/4/2024	SCS Engineers	NA	NA	NA	<5.1	<5.1	<5.1	2,400	NA	<2.0	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-004-2.5	2.5	3/4/2024	SCS Engineers	NA	NA	NA	<5.1	<5.1	<5.1	1,300	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-004-4	4	3/4/2024	SCS Engineers	NA	NA	NA	<5.1	<5.1	<5.1	**450**	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-005-0.5	0.5	3/4/2024	SCS Engineers	NA	NA	NA	<5.1	<5.1	<5.1	1,700	NA	<2.0	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-005-2.5	2.5	3/4/2024	SCS Engineers	NA	NA	NA	<5.1	<5.1	<5.1	1,200	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-005-4	4	3/4/2024	SCS Engineers	NA	NA	NA	<5.1	<5.1	<5.1	<51	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-006-0.5	0.5	3/4/2024	SCS Engineers	NA	NA	NA	<5.0	<5.0	<5.0	5,400	NA	<2.0	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-006-1.5	1.5	3/5/2024	SCS Engineers	NA	NA	NA	<5.1	<5.1	<5.1	**470**	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-006-2.5	2.5	3/4/2024	SCS Engineers	NA	NA	NA	<5.1	<5.1	<5.1	**170**	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-007-0.5	0.5	3/4/2024	SCS Engineers	NA	NA	NA	<5.0	<5.0	<5.0	9,500	**3.9**	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-007-1.5	1.5	3/5/2024	SCS Engineers	NA	NA	NA	<5.0	<5.0	<5.0	530	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-007-2.5	2.5	3/4/2024	SCS Engineers	NA	NA	NA	<5.1	<5.1	<5.1	**62**	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-008-0.5	0.5	3/5/2024	SCS Engineers	NA	NA	NA	<5.1	<5.1	<5.1	**300**	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-008-2.5	2.5	3/5/2024	SCS Engineers	NA	NA	NA	<5.1	<5.1	<5.1	<51	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-009-0.5	0.5	3/5/2024	SCS Engineers	NA	NA	NA	<5.1	<5.1	<5.1	3,400	<2.0	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-009-2.5	2.5	3/5/2024	SCS Engineers	NA	NA	NA	<5.1	<5.1	<5.1	3,300	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-009-4	4	3/4/2024	SCS Engineers	NA	NA	NA	<5.0	<5.0	<5.0	2,200	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-009-5	5	5/17/2024	SCS Engineers	NA	NA	NA	<5.1	<5.1	<5.1	**180**	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-009-6	6	5/17/2024	SCS Engineers	NA	NA	NA	<5.0	<5.0	<5.0	<50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-010-0.5	0.5	3/5/2024	SCS Engineers	NA	NA	NA	<5.1	<5.1	<5.1	3,400	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-010-1.5	1.5	3/5/2024	SCS Engineers	NA	NA	NA	<5.0	<5.0	<5.0	1,800	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-010-2.5	2.5	3/5/2024	SCS Engineers	NA	NA	NA	<5.0	<5.0	<5.0	**250**	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-011-0.5	0.5	3/5/2024	SCS Engineers	NA	NA	NA	<5.1	<5.1	<5.1	<51	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-011-2.5	2.5	3/5/2024	SCS Engineers	NA	NA	NA	<5.1	<5.1	<5.1	<51	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-012-0.5	0.5	3/5/2024	SCS Engineers	NA	NA	NA	<5.1	<5.1	<5.1	<51	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-012-2.5	2.5	3/5/2024	SCS Engineers	NA	NA	NA	<5.1	<5.1	<5.1	<51	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-013-0.5	0.5	5/17/2024	SCS Engineers	< 9.9	< 9.9	**56**	**5.7**	< 5.0	< 5.0	<50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-013-2.5	2.5	5/17/2024	SCS Engineers	NA	NA	NA	<5.1	<5.1	<5.1	<51	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-014-0.5	0.5	5/16/2024	SCS Engineers	<10	<10	<20	<5.0	<5.0	<5.0	2,600	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-014-2.5	2.5	5/16/2024	SCS Engineers	NA	NA	NA	< 4.9	< 4.9	< 4.9	< 49	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-015-0.5	0.5	5/16/2024	SCS Engineers	<10	<10	<20	< 4.9	< 4.9	< 4.9	19,000	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-015-1.5	1.5	5/16/2024	SCS Engineers	NA	NA	NA	<5.0	**27**	<5.0	17,000	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-015A-0.5	0.5	7/9/2024	SCS Engineers	< 9.9	< 9.9	**130**	<10	<10	<10	5,400	NA	<2.9	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-015A-2.5	2.5	7/9/2024	SCS Engineers	NA	NA	NA	<5.0	<5.0	<5.0	2,900	NA	**3.1**	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-015A-4	4.0	7/9/2024	SCS Engineers	NA	NA	NA	<5.0	<5.0	<5.0	4,400	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-015A-5	5.0	7/9/2024	SCS Engineers	NA	NA	NA	<5.0	<5.0	<5.0	780	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-016-0.5	0.5	5/17/2024	SCS Engineers	<10	<10	<20	<5.1	<5.1	<5.1	<51	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-016-2.5	2.5	5/17/2024	SCS Engineers	NA	NA	NA	<5.0	<5.0	<5.0	<50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-017-0.5	0.5	5/20/2024	SCS Engineers	<10	<10	<20	<5.0	<5.0	<5.0	<50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-017-1.5	1.5	5/20/2024	SCS Engineers	NA	NA	NA	<5.1	<5.1	<5.1	<51	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-019-0.5	0.5	5/20/2024	SCS Engineers	< 9.9	< 9.9	**35**	<5.0	<5.0	<5.0	<50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-019-2.5	2.5	5/20/2024	SCS Engineers	NA	NA	NA	<5.1	<5.1	<5.1	<51	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-020-0.5	0.5	5/20/2024	SCS Engineers	**13**	<10	**54**	<5.0	<5.0	<5.0	<50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-020-2.5	2.5	5/20/2024	SCS Engineers	NA	NA	NA	<5.0	<5.0	<5.0	<50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-021-0.5	0.5	5/17/2024	SCS Engineers	<10	<10	**59**	<5.0	<5.0	<5.0	<50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-021-2.5	2.5	5/17/2024	SCS Engineers	NA	NA	NA	<5.0	<5.0	<5.0	<50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-022-0.5	0.5	5/17/2024	SCS Engineers	< 9.9	< 9.9	<20	<5.0	<5.0	<5.0	<50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-022-2.5	2.5	5/17/2024	SCS Engineers	NA	NA	NA	<5.0	<5.0	<5.0	<50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-023-0.5	0.5	5/16/2024	SCS Engineers	< 9.9	< 9.9	<20	<5.1	<5.1	<5.1	<51	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-023-2.5	2.5	5/16/2024	SCS Engineers	NA	NA	NA	<5.0	<5.0	<5.0	<50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1
Soil Sample Analytical Results for TPH, VOCs, OCPs
Midway Rising - Sports Arena
3220, 3240, 3250, 3350, and 3500 Sports Arena Boulevard
San Diego, California

Sample Identifier	Sample Depth	Sample Date	Sampled by	TPH GROs	TPH DROs	TPH OROs	DDE	Hepta-chlor	Hepta-chlor epoxide	Chlordane	Chlordane TCLP	Chlordane WET/STLC	Other OCPs	Ethylbenzene	m,p-Xylenes	o-Xylene	Propylbenzene	1,3,5-TMB	1,2,4-TMB	sec-Butyl-benzene	para-Isopropyl Toluene	n-Butyl-benzene	Naphthalene	Other VOCs	Phenol	Other SVOCs
				mg/kg			µg/kg				µg/L		µg/kg													
Health Risk-Based Remediation Criteria (Residential)[1]				430	260	12,000	1,800	1,900	1,900	480	NA	NA	NA	5,800^	550,000^	640,000^	3,800,000^	270,000^	300,000^	2,200,000	NE	2,400,000	2,000	NA	19,000,000	NA
Health Risk-Based Remediation Criteria (Commercial)[1]				2,000	1,200	180,000	8,300	8,500	8,500	2,200	NA	NA	NA	25,000^	2,400,000^	2,800,000^	24,000,000^	1,500,000^	1,800,000^	12,000,000	NE	18,000,000	6,500	NA	1,600,000,000	NA
Waste-Based Remediation Criteria[2]				Any detectable concentration above laboratory reporting limits																						
Hazardous Waste Criteria[1]				NA	NA	NA	NA	NA	NA	2,500	30	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-024-0.5	0.5	5/16/2024	SCS Engineers	< 9.9	< 9.9	<20	< 5.0	< 5.0	< 5.0	< 50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-024-1.5	1.5	5/16/2024	SCS Engineers	NA	NA	NA	**5.4**	< 4.9	< 4.9	< 49	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-025-0.5	0.5	5/16/2024	SCS Engineers	<10	<10	**45**	<9.8	<9.8	<9.8	<98	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-025-2.5	2.5	5/16/2024	SCS Engineers	NA	NA	NA	< 4.9	< 4.9	< 4.9	< 49	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-026-0.5	0.5	7/9/2024	SCS Engineers	<10	<10	**57**	< 5.0	< 5.0	< 5.0	**63**	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-026-2.5	2.5	7/9/2024	SCS Engineers	NA	NA	NA	<5.0	<5.0	<5.0	<50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-027-0.5	0.5	7/9/2024	SCS Engineers	< 9.9	< 9.9	<20	<5.0	<5.0	<5.0	<50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-027-2.5	2.5	7/9/2024	SCS Engineers	NA	NA	NA	<5.0	<5.0	<5.0	<50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-028-0.5	0.5	5/16/2024	SCS Engineers	<20	**20**	**110**	<5.1	<5.1	<5.1	<51	NA	NA	ND	< 5.0	< 10	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	ND	NA	NA
HA-24-028-2.5	2.5	5/16/2024	SCS Engineers	<20	<20	**190**	<5.0	<5.0	<5.0	<50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-029-0.5	0.5	5/16/2024	SCS Engineers	< 9.9	< 9.9	<20	**5.2**	<5.1	<5.1	<51	NA	NA	ND	< 5.0	< 10	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	ND	NA	NA
HA-24-029-2.5	2.5	5/16/2024	SCS Engineers	<10	<10	<20	**8.7**	<5.0	<5.0	<50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-030-0.5	0.5	5/16/2024	SCS Engineers	< 9.9	< 9.9	**130**	< 10	< 10	< 10	< 100	NA	NA	ND	< 5.0	< 10	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	ND	NA	NA
HA-24-030-1.5	1.5	5/16/2024	SCS Engineers	NA	NA	NA	< 4.9	< 4.9	< 4.9	< 49	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-031-0.5	0.5	7/9/2024	SCS Engineers	< 9.9	< 9.9	<20	<5.0	<5.0	<5.0	**100**	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-031-2.5	2.5	7/9/2024	SCS Engineers	NA	NA	NA	<5.0	<5.0	<5.0	<50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-032-0.5	0.5	7/9/2024	SCS Engineers	< 9.9	< 9.9	<20	<5.0	<5.0	<5.0	<50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-032-1.5	1.5	7/9/2024	SCS Engineers	NA	NA	NA	<5.0	<5.0	<5.0	<50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-033-0.5	0.5	7/9/2024	SCS Engineers	<10	<10	<20	<5.0	<5.0	<5.0	<50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-033-2.5	2.5	7/9/2024	SCS Engineers	NA	NA	NA	<5.0	<5.0	<5.0	<50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-034-0.5	0.5	7/9/2024	SCS Engineers	<10	<10	**110**	< 10	< 10	< 10	**7,200**	NA	<2.8	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-034-2.5	2.5	7/9/2024	SCS Engineers	NA	NA	NA	< 10	< 10	< 10	**5,800**	**2.7**	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-UST-24-1-7	7	5/23/2024	SCS Engineers	**56**	**1,900**	**130**	NA	NA	NA	NA	NA	NA	NA	< 5.0	< 10	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	ND	NA	NA
SB-UST-24-1-9	9	5/23/2024	SCS Engineers	**73**	**890**	<20	NA	NA	NA	NA	NA	NA	NA	<250	<500	<250	<250	<250	**330**	<250	<250	<250	**640**	ND	NA	NA
SB-UST-24-1-11.5	11.5	5/23/2024	SCS Engineers	< 9.9	< 9.9	<20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-UST-24-2-5.5	5.5	5/23/2024	SCS Engineers	< 9.9	< 9.9	<20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-UST-24-2-8	8	5/23/2024	SCS Engineers	< 9.9	< 9.9	<20	NA	NA	NA	NA	NA	NA	NA	< 5.0	< 10	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	ND	NA	NA
SB-UST-24-2-10	10	5/23/2024	SCS Engineers	<10	<10	<20	NA	NA	NA	NA	NA	NA	NA	< 5.0	< 10	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	ND	NA	NA
SB-UST-24-2-11.5	11.5	5/23/2024	SCS Engineers	< 9.9	< 9.9	<20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-UST-24-3-5	5	5/23/2024	SCS Engineers	<10	<10	**95**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-UST-24-3-6.5	6.5	5/23/2024	SCS Engineers	<10	<10	<20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-UST-24-3-8	8	5/23/2024	SCS Engineers	<10	<10	<20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-UST-24-3-9.5	9.5	5/23/2024	SCS Engineers	< 9.9	< 9.9	<20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-UST-24-3-10	10	5/23/2024	SCS Engineers	< 9.9	< 9.9	**92**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-UST-24-3-12.5	12.5	5/23/2024	SCS Engineers	<10	<10	<20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-1~2	2	6/23/2023	SCS Engineers	<10	<10	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-2~1	1	6/23/2023	SCS Engineers	<20	<20	**270**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-3 3'	3	6/26/2023	SCS Engineers	<10	<10	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-4 4'	4	6/26/2023	SCS Engineers	<9.9	<9.9	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-6 4'	4	6/26/2023	SCS Engineers	<10	**17**	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-7 3'	3	6/26/2023	SCS Engineers	<9.9	<9.9	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-8 4'	4	6/26/2023	SCS Engineers	<10	<10	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-9 4'	4	6/26/2023	SCS Engineers	<10	<10	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-11-4'	4	6/26/2023	SCS Engineers	<20	<20	<100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-13-2.5	2.5	6/27/2023	SCS Engineers	<10	**54**	**93**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-13-3-NE	3	6/27/2023	SCS Engineers	<100	**410**	**910**	NA	NA	NA	NA	NA	NA	NA	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND	NA	ND
T-13-3-SW	3	6/27/2023	SCS Engineers	<10	**170**	**150**	NA	NA	NA	NA	NA	NA	NA	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND	NA	ND
T-13-7	7	6/27/2023	SCS Engineers	**2,700**	**21,000**	<1,000	NA	NA	NA	NA	NA	NA	NA	<250	<500	<250	**530**	**1,100**	**4,300**	**630**	**1,000**	**1,200**	**18,000**	ND	NA	ND
T-14-5	5	6/27/2023	SCS Engineers	<10	<10	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-15-5	5	6/27/2023	SCS Engineers	<9.9	<9.9	<20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-16-5.5	5.5	6/27/2023	SCS Engineers	<10	<10	<20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-23-4	4	6/28/2023	SCS Engineers	<10	<10	<50	NA	NA	NA	NA	NA	NA	NA	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND	<250	ND
T-23 5'	5	6/28/2023	SCS Engineers	<9.9	<9.9	<50	NA	NA	NA	NA	NA	NA	NA	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND	<250	ND
T-23 6.5'	6.5	6/28/2023	SCS Engineers	<9.9	<9.9	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-24-3.5	3.5	6/28/2023	SCS Engineers	<9.9	<9.9	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-24-4.5	4.5	6/28/2023	SCS Engineers	<9.9	<9.9	<50	NA	NA	NA	NA	NA	NA	NA	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND	<250	ND
T-24-6	6	6/28/2023	SCS Engineers	<9.9	<9.9	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-28 0'	0	6/29/2023	SCS Engineers	<99	<99	**390**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-28 2.5'	2.5	6/29/2023	SCS Engineers	<9.9	<9.9	<20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-28 3'	3	6/29/2023	SCS Engineers	<10	<10	<20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-28 4.5'	4.5	6/29/2023	SCS Engineers	<9.9	<9.9	<20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-29 4'	4	6/29/2023	SCS Engineers	<10	<10	<20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-32 M 5'	5	6/30/2023	SCS Engineers	<9.9	<9.9	<20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-32 SE 5'	5	6/30/2023	SCS Engineers	<10	<10	<20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T33-2	2	5/7/2024	SCS Engineers	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T34-2	2	5/7/2024	SCS Engineers	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1
Soil Sample Analytical Results for TPH, VOCs, OCPs
Midway Rising - Sports Arena
3220, 3240, 3250, 3350, and 3500 Sports Arena Boulevard
San Diego, California

Sample Identifier	Sample Depth	Sample Date	Sampled by	TPH GROs	TPH DROs	TPH OROs	DDE	Hepta-chlor	Hepta-chlor epoxide	Chlordane	Chlordane TCLP	Chlordane WET/STLC	Other OCPs	Ethylbenzene	m,p-Xylenes	o-Xylene	Propylbenzene	1,3,5-TMB	1,2,4-TMB	sec-Butyl-benzene	para-Isopropyl Toluene	n-Butyl-benzene	Naphthalene	Other VOCs	Phenol	Other SVOCs
				mg/kg			µg/kg				µg/L			µg/kg												
Health Risk-Based Remediation Criteria (Residential)[1]				430	260	12,000	1,800	1,900	1,900	480	NA	NA	NA	5,800^	550,000^	640,000^	3,800,000^	270,000^	300,000^	2,200,000	NE	2,400,000	2,000	NA	19,000,000	NA
Health Risk-Based Remediation Criteria (Commercial)[1]				2,000	1,200	180,000	8,300	8,500	8,500	2,200	NA	NA	NA	25,000^	2,400,000^	2,800,000^	24,000,000^	1,500,000^	1,800,000^	12,000,000	NE	18,000,000	6,500	NA	1,600,000,000	NA
Waste-Based Remediation Criteria[2]				Any detectable concentration above laboratory reporting limits																						
Hazardous Waste Criteria[1]				NA	NA	NA	NA	NA	NA	2,500	30	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T35-0.5	0.5	5/7/2024	SCS Engineers	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T35-5	5.0	5/7/2024	SCS Engineers	<10	<10	<20	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T36-2	2	5/7/2024	SCS Engineers	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T37-4	4	5/7/2024	SCS Engineers	<10	<10	<20	NA	NA	NA	NA	NA	NA	NA	< 5.0	<10	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	ND	ND	ND
T38-1	1	5/7/2024	SCS Engineers	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T38-3.5	3.5	5/7/2024	SCS Engineers	<10	<10	**52**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T39-1	1	5/7/2024	SCS Engineers	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 50	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T40-1	1	5/8/2024	SCS Engineers	NA	NA	NA	<5.1	<5.1	<5.1	<51	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T41-1	1	5/8/2024	SCS Engineers	NA	NA	NA	< 4.9	< 4.9	< 4.9	< 49	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Health Risk-Based Remediation Criteria (Residential)[1]				430	260	12,000	1,800	130	70	480	NA	NA	NA	5,800^	550,000^	640,000^	3,800,000^	270,000^	300,000^	2,200,000	NE	2,400,000	2,000	NA	19,000,000	NA
Health Risk-Based Remediation Criteria (Commercial)[1]				2,000	1,200	180,000	8,300	630	130	2,200	NA	NA	NA	25,000^	2,400,000^	2,800,000^	24,000,000^	1,500,000^	1,800,000^	12,000,000	NE	18,000,000	6,500	NA	1,600,000,000	NA
Waste-Based Remediation Criteria[2]				Any detectable concentration above laboratory reporting limits																						
Hazardous Waste Criteria[1]				NA	NA	NA	NA	NA	NA	2,500	30	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NOTES:
Soil samples collected by SCS Engineers on 2/6-7/2023, 3/23/2023, 3/4-5/2024, 5/7-5/8/2024 and 5/16- 5/23/24, and 7/9/24.
Samples analyzed for total petroleum hydrocarbons (TPH) in general accordance with U.S. Environmental Protection Agency (EPA) Method 8015B, volatile organic compounds (VOCs) in general accordance with EPA Method 8260B, and/or organochlorine pesticides (OCPs) with EPA Method 8081A, with select samples further analyzed for chlordane leachability using the Waste Extraction Test (WET) or Toxicity Characteristic Leaching Procedure (TCLP).
TPH: total petroleum hydrocarbons, GROs: gasoline-range organics; DROs: diesel-range organics OROs: oil-range organics.
Results for TPH reported in milligrams per kilogram (mg/kg); results for VOCs and OCPs reported in micrograms per kilogram (µg/kg).
Bold values indicate a specific analyte was reported above its respective laboratory reporting limit.
< indicates specific analyte was reported below its respective laboratory reporting limit; ND indicates group of analytes was reported below their respective laboratory reporting limits.
NA: Not applicable/not analyzed.
1,3,5-TMB: 1,3,5-trimethylbenzene.
1,2,4-TMB: 1,2,4-trimethylbenzene.
1: Health Risk-Based Criteria: For TPH and OCPs, the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) Environmental Screening Levels (ESLs) for commercial/ industrial users, dated 2019 (revised).
For VOCs, the Human Health Risk Assessment Note 3 - Department of Toxic Substances Control (DTSC)-Modified Screening Levels (DTSC-SLs), Table 3 - Screening Levels for Soil Analytes, Residential. June 2020 Update, Revised May 2022.
^ A DTSC-SL has not been established for this constituent. The EPA Regional Screening Level (RSL) dated May 2024 was used for this constituent.
2: Waste-Based Criteria: for chemical constituents such as organochlorine pesticides, detectable concentrations would be considered a regulated waste if exported from the Site, per the Regional Water Quality Control Board (RWQCB) Tier 1 Soil Screening Levels (SSLs) for waste, March 13, 2024.
3: Hazardous Waste Criteria: Values shown from CA code of regulations, Title 22 Article 3, July 20, 2005 regarding characteristics of hazardous waste.
Red font : Constituent result above the Health Risk-Based regulatory screening criteria.
: Yellow highlight indicates the constituent result above the Hazardous Waste Criteria.
1) Hazardous Waste Criteria: Values shown from CA code of regulations, Title 22 Article 3, July 20, 2005 regarding characteristics of hazardous waste. Exceedances of the Total Threshold Limit Concentration (TTLC) or Soluble Threshold Limit Concentration (STLC) would be considered a California hazardous waste, at a minimum.

Table 2
Soil Sample Analytical Results for Title 22 Metals
Midway Rising - Sports Arena
3220, 3240, 3250, 3350, and 3500 Sports Arena Boulevard
San Diego, California

Sample Identifier	Depth	Date	Sampled by	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Total Lead	WET/STLC Arsenic	WET/STLC Barium	WET/STLC Chro-mium	WET/STLC Copper	WET/STLC Lead	WET/TCLP Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
				mg/kg									mg/L						mg/kg							
Health Risk-Based Criteria[1]				**31**	**12***	**15,000**	**1,600**	**910**	**NE**	**23**	**3,200**	**80**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**1.0**	**390**	**15,000**	**390**	**390**	**12**	**1,200**	**350,000**
Hazardous Waste Criteria[2]				**500**	**500**	**10,000**	**75**	**100**	**2,500**	**8,000**	**2,500**	**1,000**	**5**	**5**	**5**	**5**	**5**	**5**	**20**	**3,500**	**2,000**	**100**	**500**	**700**	**2,400**	**5,000**
Waste-Based Screening Criteria[3]				**5.0**	**12****	**509**	**4.0**	**4**	**122**	**20**	**60**	**23.9**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**0.26**	**2.0**	**57**	**0.21**	**2.0**	**0.78**	**112**	**149**
DPV-23-031-0.5	0.5	2/7/2023	SCS Engineers	< 2.9	**7.7**	**240**	< 0.49	< 0.49	**14**	**7.2**	**15**	**15**	NA	NA	NA	NA	NA	NA	< 0.16	< 0.98	**6.7**	< 2.9	< 0.49	< 2.9	**41**	**47**
DPV-23-031-2.5	2.5	2/7/2023	SCS Engineers	NA	**8.1**	NA	NA	NA	NA	NA	NA	**14**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPV-23-031-5.0	5	2/7/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**6.6**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPV-23-031-7.5	7.5	2/7/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**3.6**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPV-23-032-0.5	0.5	2/7/2023	SCS Engineers	< 2.9	**5.7**	**150**	< 0.49	< 0.49	**5.9**	**3.3**	**6.0**	**12**	NA	NA	NA	NA	NA	NA	< 0.16	< 0.98	**16**	< 2.9	< 0.49	< 2.9	**27**	**33**
DPV-23-032-2.5	2.5	2/7/2023	SCS Engineers	NA	**7.8**	NA	NA	NA	NA	NA	NA	**14**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPV-23-032-5.0	5	2/7/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**7.5**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPV-23-032-7.5	7.5	2/7/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**3.5**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-033-0.5	0.5	2/6/2023	SCS Engineers	< 2.9	**4.9**	**130**	< 0.49	< 0.49	**15**	**5.1**	**9.9**	**8.8**	NA	NA	NA	NA	NA	NA	< 0.15	< 0.98	**5.8**	< 2.9	< 0.49	< 2.9	**34**	**33**
DP-23-033-2.5	2.5	2/6/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**13**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-033-5.0	5	2/6/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**9.8**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-033-7.5	7.5	2/6/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**12**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-034-0.5	0.5	2/6/2023	SCS Engineers	< 2.9	**4.0**	**95**	< 0.49	< 0.49	**15**	**6.0**	**10**	**11**	NA	NA	NA	NA	NA	NA	< 0.14	< 0.98	**6.2**	< 2.9	< 0.49	< 2.9	**41**	**65**
DP-23-034-2.5	2.5	2/6/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**8.6**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-034-5.0	5	2/6/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**13**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-034-7.5	7.5	2/6/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**6.7**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPV-23-035-0.5	0.5	2/7/2023	SCS Engineers	< 3.0	**5.0**	**69**	< 0.50	< 0.50	**7.0**	**3.8**	**13**	**16**	NA	NA	NA	NA	NA	NA	< 0.15	**1.6**	**16**	< 3.0	< 0.50	< 3.0	**26**	**96**
DPV-23-035-2.5	2.5	2/7/2023	SCS Engineers	NA	**2.4**	NA	NA	NA	NA	NA	NA	**5.4**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPV-23-035-5.0	5	2/7/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**6.7**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPV-23-035-7.5	7.5	2/7/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**34**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-036-0.5	0.5	2/6/2023	SCS Engineers	< 2.9	**3.8**	**44**	< 0.49	< 0.49	**14**	**6.3**	**7.9**	**10**	NA	NA	NA	NA	NA	NA	< 0.16	< 0.97	**7.9**	< 2.9	< 0.49	< 2.9	**33**	**39**
DP-23-036-3.0	3.0	2/6/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**9.0**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-036-5.0	5	2/6/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	< 0.96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-036-7.5	7.5	2/6/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**5.5**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-037-0.5	0.5	2/6/2023	SCS Engineers	< 2.9	< 0.97	**79**	< 0.49	< 0.49	**14**	**4.8**	**7.0**	**3.4**	NA	NA	NA	NA	NA	NA	< 0.16	< 0.97	**3.6**	< 2.9	< 0.49	< 2.9	**42**	**26**
DP-23-037-2.5	2.5	2/6/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**8.4**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-037-5.0	5	2/6/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**2.3**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-037-7.5	7.5	2/6/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**2.7**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-038-0.5	0.5	3/23/2023	SCS Engineers	< 2.9	**5.9**	**65**	**0.56**	< 0.48	**7.1**	**3.6**	**7.3**	**6.6**	NA	NA	NA	NA	NA	NA	< 0.15	< 0.95	**4.4**	< 2.9	< 0.48	< 2.9	**14**	**28**
DP-23-038-2.5	2.5	3/23/2023	SCS Engineers	NA	**8.2**	NA	NA	NA	NA	NA	NA	**13**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-038-5.0	5	3/23/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	< 0.98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-038-7.5	7.5	3/23/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	< 0.98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-039-0.5	0.5	3/23/2023	SCS Engineers	< 2.9	**5.6**	**31**	< 0.49	< 0.49	**16**	**5.3**	**8.5**	**4.6**	NA	NA	NA	NA	NA	NA	< 0.17	< 0.97	**6.9**	< 2.9	< 0.49	< 2.9	**40**	**43**
DP-23-039-2.5	2.5	3/23/2023	SCS Engineers	NA	**6.9**	NA	NA	NA	NA	NA	NA	**7.4**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-039-5.0	5	3/23/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	< 0.97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-039-7.5	7.5	3/23/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-040-0.5	0.5	3/23/2023	SCS Engineers	< 2.9	**1.5**	**180**	< 0.49	< 0.49	**31**	**9.6**	**20**	**1.3**	NA	NA	NA	NA	NA	NA	< 0.15	< 0.97	**7.7**	< 2.9	< 0.49	< 2.9	**75**	**49**
DP-23-040-2.5	2.5	3/23/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**8.6**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-040-5.0	5	3/23/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	< 0.97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-040-7.5	7.5	3/23/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	< 0.97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-041-0.5	0.5	3/23/2023	SCS Engineers	< 2.9	**1.9**	**100**	< 0.49	< 0.49	**20**	**6.6**	**13**	< 0.97	NA	NA	NA	NA	NA	NA	< 0.14	< 0.97	**6.1**	< 2.9	< 0.49	< 2.9	**53**	**33**
DP-23-041-2.5	2.5	3/23/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**1.0**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-041-5.0	5	3/23/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**1.2**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-041-7.5	7.5	3/23/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**6.2**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-042-0.5	0.5	3/23/2023	SCS Engineers	< 3.0	**4.1**	**59**	< 0.50	< 0.50	**18**	**6.0**	**9.8**	**4.8**	NA	NA	NA	NA	NA	NA	< 0.14	< 0.99	**7.6**	< 3.0	< 0.50	< 3.0	**43**	**43**
DP-23-042-2.5	2.5	3/23/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	< 0.96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-042-5.0	5	3/23/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	< 0.98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-042-7.5	7.5	3/23/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	< 0.98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-043-0.5	0.5	2/6/2023	SCS Engineers	< 2.9	**3.3**	**60**	< 0.48	< 0.48	**18**	**5.9**	**8.4**	**8.4**	NA	NA	NA	NA	NA	NA	< 0.14	< 0.96	**7.3**	< 2.9	< 0.48	< 2.9	**42**	**39**
DP-23-043-4.0	4.0	2/6/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**8.7**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-043-5.0	5	2/6/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**1.4**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-23-043-7.5	7.5	2/6/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**28**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPV-23-051-0.5	0.5	2/6/2023	SCS Engineers	< 3.0	**24**	**58**	< 0.50	< 0.50	**7.5**	**3.6**	**6.2**	**10**	NA	NA	NA	NA	NA	NA	< 0.17	< 0.99	**3.9**	< 3.0	< 0.50	< 3.0	**22**	**34**
DPV-23-051-2.5	2.5	2/6/2023	SCS Engineers	NA	**3.3**	NA	NA	NA	NA	NA	NA	**7.5**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPV-23-051-5.0	5	2/6/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**13**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPV-23-051-7.5	7.5	2/6/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**11**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPV-23-052-0.5	0.5	2/6/2023	SCS Engineers	< 2.9	**5.3**	**45**	< 0.49	< 0.49	**13**	**6.2**	**6.3**	**7.8**	NA	NA	NA	NA	NA	NA	< 0.15	< 0.98	**8.2**	< 2.9	< 0.49	< 2.9	**36**	**48**
DPV-23-052-2.5	2.5	2/6/2023	SCS Engineers	NA	**11**	NA	NA	NA	NA	NA	NA	**6.3**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPV-23-052-5.0	5	2/6/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**5.8**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPV-23-052-7.5	7.5	2/6/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**5.0**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Soil Sample Analytical Results for Title 22 Metals
Midway Rising - Sports Arena
3220, 3240, 3250, 3350, and 3500 Sports Arena Boulevard
San Diego, California

Sample Identifier	Depth	Date	Sampled by	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Total Lead	WET/STLC Arsenic	WET/STLC Barium	WET/STLC Chro-mium	WET/STLC Copper	WET/STLC Lead	WET/TCLP Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
				mg/kg									mg/L						mg/kg							
Health Risk-Based Criteria[1]				**31**	**12***	**15,000**	**1,600**	**910**	**NE**	**23**	**3,200**	**80**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**1.0**	**390**	**15,000**	**390**	**390**	**12**	**1,200**	**350,000**
Hazardous Waste Criteria[2]				**500**	**500**	**10,000**	**75**	**100**	**2,500**	**8,000**	**2,500**	**1,000**	**5**	**5**	**5**	**5**	**5**	**5**	**20**	**3,500**	**2,000**	**100**	**500**	**700**	**2,400**	**5,000**
Waste-Based Screening Criteria[3]				**5.0**	**12****	**509**	**4.0**	**4**	**122**	**20**	**60**	**23.9**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**0.26**	**2.0**	**57**	**0.21**	**2.0**	**0.78**	**112**	**149**
DPV-23-053-0.5	0.5	2/6/2023	SCS Engineers	< 2.9	**1.7**	**340**	< 0.48	< 0.48	**14**	**3.9**	**4.3**	**6.0**	NA	NA	NA	NA	NA	NA	< 0.15	< 0.95	**4.0**	< 2.9	< 0.48	< 2.9	**43**	**12**
DPV-23-053-2.5	2.5	2/6/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**9.5**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPV-23-053-5.0	5	2/6/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**9.2**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPV-23-053-7.5	7.5	2/6/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	< 0.97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A-23-11-0.5'	0.5	2/6/2023	SCS Engineers	< 2.9	< 9.5	**31**	< 0.48	**0.48**	**15**	**5.8**	**7.4**	**7.7**	NA	NA	NA	NA	NA	NA	< 0.16	< 0.95	**7.9**	< 2.9	< 0.48	< 2.9	**36**	**44**
A-23-11-2.5'	2.5	2/6/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**5.0**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A-23-11-5.0'	5	2/6/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**6.6**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A-23-11-7.5'	7.5	2/6/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**6.3**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A-23-012-0.5	0.5	2/7/2023	SCS Engineers	< 2.9	**6.1**	**60**	< 0.48	< 0.48	**12**	**6.2**	**11**	**13**	NA	NA	NA	NA	NA	NA	< 0.15	< 0.95	**7.7**	< 2.9	< 0.48	< 2.9	**37**	**52**
A-23-012-2.5	2.5	2/7/2023	SCS Engineers	**8.8**	**6.4**	**580**	< 0.50	**0.88**	**28**	**6.8**	**130**	**3,500**	NA	NA	NA	NA	**12**	**0.65**	**0.48**	< 0.99	**13**	< 3.0	**5.0**	< 3.0	**40**	**840**
A-23-012-5.0	5	2/7/2023	SCS Engineers	NA	**3.7**	NA	NA	NA	NA	NA	NA	**1,400**	NA	NA	NA	NA	**28**	NA	NA	NA	NA	NA	NA	NA	NA	NA
A-23-012-7.5	7.5	2/7/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**12**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A-23-012-15	15	2/7/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**4.4**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A-23-13-0.5'	0.5	2/6/2023	SCS Engineers	< 2.9	< 9.6	**26**	< 0.48	< 0.48	**14**	**4.4**	**11**	**8.2**	NA	NA	NA	NA	NA	NA	< 0.15	< 0.96	**5.8**	< 2.9	< 0.48	< 2.9	**32**	**39**
A-23-13-2.5'	2.5	2/6/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**7.2**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A-23-13-5'	5	2/6/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**4.2**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A-23-13-7.5'	7.5	2/6/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**5.2**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A-23-14-0.5'	0.5	2/6/2023	SCS Engineers	< 2.9	< 9.6	**130**	< 0.48	< 0.48	**12**	**5.2**	**8.6**	**9.7**	NA	NA	NA	NA	NA	NA	< 0.16	< 0.96	**5.7**	< 2.9	< 0.48	< 2.9	**28**	**32**
A-23-14-2.5'	2.5	2/6/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**8.1**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A-23-14-5'	5	2/6/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**8.1**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A-23-14-7.5'	7.5	2/6/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**2.9**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A-23-015-0.5	0.5	2/7/2023	SCS Engineers	< 2.9	**6.9**	**120**	< 0.49	< 0.49	**15**	**4.9**	**6.1**	**9.6**	NA	NA	NA	NA	NA	NA	< 0.15	< 0.98	**5.3**	< 2.9	< 0.49	< 2.9	**26**	**30**
A-23-015-2.5	2.5	2/7/2023	SCS Engineers	NA	**10**	NA	NA	NA	NA	NA	NA	**12**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A-23-015-5.0	5	2/7/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**12**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A-23-015-7.5	7.5	2/7/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**9.7**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A-23-016-0.5	0.5	2/7/2023	SCS Engineers	< 2.9	**3.5**	**82**	< 0.48	< 0.48	**20**	**6.7**	**14**	**21**	NA	NA	NA	NA	NA	NA	< 0.16	< 0.96	**8.0**	< 2.9	< 0.48	< 2.9	**46**	**64**
A-23-016-2.5	2.5	2/7/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**5.6**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A-23-016-5.0	5	2/7/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**1.7**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A-23-016-7.5	7.5	2/7/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**1.8**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-001-1.5	1.5	3/4/2024	SCS Engineers	< 2.9	**10**	**84**	< 0.48	< 0.48	**16**	**6.0**	**11**	**12**	NA	NA	NA	NA	NA	NA	< 0.15	<1.1	**7.8**	< 2.9	< 0.48	< 2.9	**36**	**51**
HA-24-001-3	3	3/4/2024	SCS Engineers	< 3.0	**7.0**	**87**	< 0.50	< 0.50	**12**	**5.4**	**9.1**	**11**	NA	NA	NA	NA	NA	NA	< 0.16	<1.1	**5.8**	< 3.0	< 0.50	< 3.0	**29**	**37**
HA-24-001-4	4	3/4/2024	SCS Engineers	< 2.9	**12**	**76**	< 0.49	< 0.49	**13**	**5.6**	**8.9**	**8.9**	NA	NA	NA	NA	NA	NA	< 0.15	<1.1	**5.9**	< 2.9	< 0.49	< 2.9	**32**	**33**
HA-24-013-0.5	0.5	5/17/2024	SCS Engineers	< 2.9	**4.8**	**73**	< 0.48	< 0.48	**19**	**9.1**	**14**	**9.9**	NA	NA	NA	NA	NA	NA	< 0.15	<0.95	**8.0**	< 2.9	< 0.48	< 2.9	**45**	**46**
HA-24-013-2.5	2.5	5/17/2024	SCS Engineers	NA	**2.7**	NA	NA	NA	NA	NA	NA	**1.9**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-014-0.5	0.5	5/16/2024	SCS Engineers	< 3.0	**7.5**	**93**	**0.53**	< 0.50	**7.3**	**4.8**	**8.7**	**11**	NA	NA	NA	NA	NA	NA	< 0.16	<1.0	**5.0**	< 3.0	< 0.50	< 3.0	**18**	**31**
HA-24-014-2.5	2.5	5/16/2024	SCS Engineers	NA	**6.7**	NA	NA	NA	NA	NA	NA	**7.6**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-015-0.5	0.5	5/16/2024	SCS Engineers	< 3.0	**4.7**	**74**	< 0.50	< 0.50	**18**	**9.4**	**46**	**7.0**	NA	NA	NA	NA	NA	NA	< 0.15	<1.0	**5.7**	< 3.0	< 0.50	< 3.0	**34**	**30**
HA-24-015-1.5	1.5	5/16/2024	SCS Engineers	NA	**4.8**	NA	NA	NA	NA	NA	NA	**8.0**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COMP HA-24-015-0.5, 1.5	0.5, 1.5	5/16/2024	SCS Engineers	< 2.9	**5.2**	**77**	< 0.49	< 0.49	**16**	**17**	**49**	**8.5**	NA	NA	NA	NA	<0.15	<0.015	<0.14	<0.97	**8.0**	< 2.9	< 0.49	< 2.9	**35**	**39**
HA-24-015A-0.5	0.5	7/9/2024	SCS Engineers	< 3.0	**6.8**	**79**	< 0.50	< 0.50	**14**	**15**	**21**	**10**	NA	NA	NA	NA	NA	NA	<0.14	<1.0	**7.0**	< 3.0	< 0.50	< 3.0	**32**	**40**
HA-24-015A-2.5	2.5	7/9/2024	SCS Engineers	< 2.9	**5.0**	**100**	< 0.49	< 0.49	**22**	**7.3**	**13**	**8.7**	NA	NA	NA	NA	NA	NA	<0.16	<0.98	**7.6**	< 2.9	< 0.49	< 2.9	**53**	**43**
HA-24-016-0.5	0.5	5/17/2024	SCS Engineers	< 3.0	**2.7**	**92**	< 0.50	< 0.50	**15**	**12**	**30**	**2.8**	NA	NA	NA	NA	NA	NA	< 0.17	<0.99	**5.8**	< 3.0	< 0.50	< 3.0	**66**	**33**
HA-24-016-2.5	2.5	5/17/2024	SCS Engineers	NA	**5.5**	NA	NA	NA	NA	NA	NA	**9.2**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-017-0.5	0.5	5/20/2024	SCS Engineers	< 2.9	**2.1**	**98**	< 0.49	< 0.49	**13**	**6.7**	**15**	**2.8**	NA	NA	NA	NA	NA	NA	< 0.16	<0.98	**4.6**	< 2.9	< 0.49	< 2.9	**56**	**19**
HA-24-017-1.5	1.5	5/20/2024	SCS Engineers	NA	**5.1**	NA	NA	NA	NA	NA	NA	**14**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-019-0.5	0.5	5/20/2024	SCS Engineers	< 3.0	**1.3**	**110**	< 0.50	< 0.50	**6.0**	**7.3**	**30**	**1.2**	NA	NA	NA	NA	NA	NA	< 0.16	<1.0	**3.1**	< 3.0	< 0.50	< 3.0	**65**	**24**
HA-24-019-2.5	2.5	5/20/2024	SCS Engineers	NA	**2.1**	NA	NA	NA	NA	NA	NA	<0.99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-020-0.5	0.5	5/20/2024	SCS Engineers	< 2.9	**1.5**	**74**	< 0.48	< 0.48	**10**	**16**	**42**	**1.6**	NA	NA	NA	NA	NA	NA	< 0.16	<0.95	**6.0**	< 2.9	< 0.48	< 2.9	**49**	**20**
HA-24-020-2.5	2.5	5/20/2024	SCS Engineers	NA	**2.2**	NA	NA	NA	NA	NA	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-021-0.5	0.5	5/17/2024	SCS Engineers	< 3.0	**1.4**	**120**	< 0.50	< 0.50	**6.9**	**11**	**30**	**1.2**	NA	NA	NA	NA	NA	NA	< 0.16	<0.99	**3.4**	< 3.0	< 0.50	< 3.0	**69**	**26**
HA-24-021-2.5	2.5	5/17/2024	SCS Engineers	NA	**3.2**	NA	NA	NA	NA	NA	NA	**2.2**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-022-0.5	0.5	5/17/2024	SCS Engineers	< 2.9	**1.2**	**140**	< 0.49	< 0.49	**5.9**	**9.1**	**34**	<0.98	NA	NA	NA	NA	NA	NA	<0.14	<0.98	**3.3**	< 2.9	< 0.49	< 2.9	**83**	**28**
HA-24-022-2.5	2.5	5/17/2024	SCS Engineers	NA	**2.6**	NA	NA	NA	NA	NA	NA	**2.0**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-023-0.5	0.5	5/16/2024	SCS Engineers	< 3.0	**20**	**120**	**0.80**	< 0.50	**5.5**	**5.6**	**8.2**	**9.6**	NA	NA	NA	NA	NA	NA	< 0.16	**2.0**	**4.3**	< 3.0	< 0.50	< 3.0	**19**	**30**
HA-24-023-2.5	2.5	5/16/2024	SCS Engineers	NA	**9.5**	NA	NA	NA	NA	NA	NA	**14**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-024-0.5	0.5	5/16/2024	SCS Engineers	< 2.9	**11**	**73**	< 0.48	< 0.48	**14**	**5.7**	**9.4**	**11**	NA	NA	NA	NA	NA	NA	< 0.16	<0.95	**6.7**	< 2.9	< 0.48	< 2.9	**34**	**45**
HA-24-024-1.5	1.5	5/16/2024	SCS Engineers	NA	**8.6**	NA	NA	NA	NA	NA	NA	**13**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-025-0.5	0.5	5/16/2024	SCS Engineers	< 3.0	**21**	**500**	**0.74**	< 0.50	**4.8**	**62**	**34**	**23**	NA	NA	NA	NA	NA	NA	< 0.17	**2.9**	**9.0**	< 3.0	**0.50**	< 3.0	**20**	**37**
HA-24-025-2.5	2.5	5/16/2024	SCS Engineers	NA	**5.6**	NA	NA	NA	NA	NA	NA	**14**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-026-0.5	0.5	7/9/2024	SCS Engineers	< 2.9	**3.9**	**54**	< 0.48	< 0.48	**14**	**4.6**	**11**	**23**	NA	NA	NA	NA	NA	NA	< 0.16	< 0.96	**6.6**	< 2.9	< 0.48	< 2.9	**33**	**68**

Table 2
Soil Sample Analytical Results for Title 22 Metals
Midway Rising - Sports Arena
3220, 3240, 3250, 3350, and 3500 Sports Arena Boulevard
San Diego, California

Sample Identifier	Depth	Date	Sampled by	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Total Lead	WET/STLC Arsenic	WET/STLC Barium	WET/STLC Chro-mium	WET/STLC Copper	WET/STLC Lead	WET/TCLP Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
				mg/kg									mg/L						mg/kg							
Health Risk-Based Criteria[1]				**31**	**12***	**15,000**	**1,600**	**910**	**NE**	**23**	**3,200**	**80**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**1.0**	**390**	**15,000**	**390**	**390**	**12**	**1,200**	**350,000**
Hazardous Waste Criteria[2]				**500**	**500**	**10,000**	**75**	**100**	**2,500**	**8,000**	**2,500**	**1,000**	**5**	**5**	**5**	**5**	**5**	**5**	**20**	**3,500**	**2,000**	**100**	**500**	**700**	**2,400**	**5,000**
Waste-Based Screening Criteria[3]				**5.0**	**12****	**509**	**4.0**	**4**	**122**	**20**	**60**	**23.9**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**0.26**	**2.0**	**57**	**0.21**	**2.0**	**0.78**	**112**	**149**
HA-24-026-2.5	2.5	7/9/2024	SCS Engineers	NA	**6.8**	NA	NA	NA	NA	NA	NA	**8.1**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-027-0.5	0.5	7/9/2024	SCS Engineers	< 2.9	**23**	**130**	**1.0**	< 0.48	**9.4**	**15**	**14**	**12**	NA	NA	NA	NA	NA	NA	< 0.16	**1.8**	**6.4**	< 2.9	< 0.48	< 2.9	**39**	**53**
HA-24-027-2.5	2.5	7/9/2024	SCS Engineers	NA	**6.5**	NA	NA	NA	NA	NA	NA	**5.4**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-028-0.5	0.5	5/16/2024	SCS Engineers	< 2.9	**3.4**	**76**	< 0.49	< 0.49	**18**	**24**	**19**	**63**	NA	NA	NA	NA	NA	NA	< 0.16	<0.97	**9.6**	< 2.9	< 0.49	< 2.9	**46**	**30**
HA-24-028-2.5	2.5	5/16/2024	SCS Engineers	NA	**3.8**	NA	NA	NA	NA	**5.9**	NA	**7.7**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-029-0.5	0.5	5/16/2024	SCS Engineers	< 3.0	**3.5**	**100**	< 0.50	< 0.50	**22**	**7.1**	**12**	**5.9**	NA	NA	NA	NA	NA	NA	< 0.15	<0.99	**7.7**	< 3.0	< 0.50	< 3.0	**52**	**40**
HA-24-029-2.5	2.5	5/16/2024	SCS Engineers	NA	**4.3**	NA	NA	NA	NA	NA	NA	**6.5**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-030-0.5	0.5	5/16/2024	SCS Engineers	< 3.0	**4.2**	**98**	< 0.50	< 0.50	**21**	**7.0**	**13**	**38**	NA	NA	NA	NA	NA	NA	< 0.15	<0.99	**9.4**	<3.0	< 0.50	<3.0	**52**	**48**
HA-24-030-1.5	1.5	5/16/2024	SCS Engineers	NA	**2.5**	NA	NA	NA	NA	NA	NA	**13**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-031-0.5	0.5	7/9/2024	SCS Engineers	< 2.9	**4.1**	**120**	< 0.48	< 0.48	**25**	**9.1**	**15**	**7.8**	NA	NA	NA	NA	NA	NA	<0.15	<0.96	**8.5**	< 2.9	< 0.48	< 2.9	**62**	**48**
HA-24-031-2.5	2.5	7/9/2024	SCS Engineers	NA	**4.7**	NA	NA	NA	NA	NA	NA	**7.5**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-032-0.5	0.5	7/9/2024	SCS Engineers	< 2.9	**4.6**	**100**	< 0.49	< 0.49	**22**	**11**	**19**	**7.2**	NA	NA	NA	NA	NA	NA	< 0.16	<0.97	**7.9**	< 2.9	< 0.49	< 2.9	**57**	**45**
HA-24-032-1.5	1.5	7/9/2024	SCS Engineers	NA	**3.5**	NA	NA	NA	NA	NA	NA	**4.8**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-033-0.5	0.5	7/9/2024	SCS Engineers	< 2.9	**1.2**	**98**	< 0.48	< 0.48	**14**	**33**	**48**	**1.6**	NA	NA	NA	NA	NA	NA	< 0.17	<0.95	**6.8**	< 2.9	< 0.48	< 2.9	**66**	**28**
HA-24-033-2.5	2.5	7/9/2024	SCS Engineers	NA	**2.9**	NA	NA	NA	NA	**8.8**	NA	**2.4**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-24-034-0.5	0.5	7/9/2024	SCS Engineers	<3.0	**6.8**	**87**	<0.50	<0.50	**13**	**81**	**47**	**10**	NA	NA	NA	NA	NA	NA	<0.16	<0.99	**7.2**	<3.0	**0.71**	<3.0	**32**	**58**
HA-24-034-2.5	2.5	7/9/2024	SCS Engineers	<2.9	**6.6**	**98**	<0.49	<0.49	**13**	**21**	**25**	**15**	NA	NA	NA	NA	NA	NA	<0.17	<0.98	**7.4**	< 2.9	< 0.49	< 2.9	**30**	**39**
SG-SB-24-1-3.5	3.5	5/21/2024	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**4.7**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SG-SB-24-1-5	5	5/21/2024	SCS Engineers	<2.9	**4.8**	**54**	< 0.49	< 0.49	**14**	**5.3**	**9.6**	**6.8**	NA	NA	NA	NA	NA	NA	<0.16	<0.98	**6.6**	< 2.9	< 0.49	< 2.9	**38**	**36**
SG-SB-24-1-6.5	6.5	5/21/2024	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**6.5**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SG-SB-24-2-2.5	2.5	5/21/2024	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**4.8**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SG-SB-24-2-4.5	4.5	5/21/2024	SCS Engineers	<2.9	**2.2**	**120**	< 0.49	< 0.49	**22**	**7.1**	**12**	**1.8**	NA	NA	NA	NA	NA	NA	<0.16	<0.98	**6.7**	< 2.9	< 0.49	< 2.9	**56**	**31**
SG-SB-24-2-5.5	5.5	5/21/2024	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**2.2**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SG-SB-24-3-4	4	5/21/2024	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**6.6**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SG-SB-24-3-5	5	5/21/2024	SCS Engineers	<2.9	**5.9**	**60**	< 0.49	< 0.49	**13**	**5.3**	**8.6**	**7.0**	NA	NA	NA	NA	NA	NA	<0.15	<0.97	**6.8**	< 2.9	< 0.49	< 2.9	**36**	**32**
SG-SB-24-3-5.5	5.5	5/21/2024	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	<0.99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-1 ~2	2	6/23/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**1.2**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-2~1	1	6/23/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**8.6**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-3 3'	3	6/26/2023	SCS Engineers	**3.0**	**22**	**1,300**	<0.48	**2.6**	**34**	**5.9**	**260**	**4,200**	NA	**2.3**	NA	**26**	**6.9**	**0.41**	**0.79**	**1.6**	**29**	<2.9	**4.7**	<2.9	**32**	**1,900**
T-3 6'	6	6/26/2023	SCS Engineers	<2.9	<0.97	**65**	<0.49	<0.49	**14**	**3.8**	**5.8**	**5.8**	NA	NA	NA	NA	NA	NA	<0.14	<0.97	**3.5**	<2.9	<0.49	<2.9	**43**	**23**
T-4 4'	4.0	6/26/2023	SCS Engineers	<2.9	**3.6**	**570**	<0.49	**0.87**	**26**	**3.4**	**130**	**630**	NA	NA	NA	NA	**2**	NA	**0.26**	<0.98	**9.7**	<2.9	**6.1**	<2.9	**31**	**540**
T-4 6.5'	6.5	6/26/2023	SCS Engineers	<3.0	**1.1**	**100**	<0.50	<0.50	**23**	**5.6**	**7.5**	**1**	NA	NA	NA	NA	NA	NA	<0.16	<0.99	**5.1**	<3.0	<0.50	<3.0	**64**	**28**
T-5 2.5'	2.5	6/26/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**2.1**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-5 4.5'	4.5	6/26/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**1.8**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-6 4'	4	6/26/2023	SCS Engineers	**16**	**5.0**	**310**	<0.48	**0.90**	**20**	**4.7**	**350**	**3,300**	NA	NA	NA	**5.8**	**16**	**1.6**	**1.1**	<0.95	**8.3**	<2.9	**0.72**	<2.9	**39**	**530**
T-6 5.5'	5.5	6/26/2023	SCS Engineers	<2.9	<0.95	**74**	<0.48	<0.48	**16**	**4.2**	**9.3**	**9.1**	NA	NA	NA	NA	NA	NA	<0.16	<0.95	**4.1**	<2.9	<0.48	<2.9	**47**	**28**
T-7 3'	3	6/26/2023	SCS Engineers	<2.9	**1.0**	**110**	<0.48	<0.48	**20**	**6.5**	**9.7**	**6.4**	NA	NA	NA	NA	NA	NA	<0.15	<0.96	**5.9**	<2.9	<0.48	<2.9	**52**	**35**
T-7 5'	5	6/26/2023	SCS Engineers	<2.9	<0.98	**78**	<0.49	<0.49	**16**	**4.4**	**6.2**	**1.1**	NA	NA	NA	NA	NA	NA	<0.16	<0.98	**4.3**	<2.9	<0.49	<2.9	**42**	**24**
T-8 4'	4	6/26/2023	SCS Engineers	<2.9	**6.7**	**700**	**0.53**	**1.7**	**37**	**4.9**	**1,100**	**2,600**	NA	NA	NA	**2.2**	**15**	**1.1**	**1.2**	**1.1**	**12**	<2.9	**4.3**	<2.9	**34**	**720**
T-8 5.5'	5.5	6/26/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**15**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-9 4'	4	6/26/2023	SCS Engineers	**71**	**14**	**1,300**	**0.52**	**2.4**	**41**	**4.7**	**630**	**6,300**	NA	**1.7**	NA	**2.0**	**7.1**	**0.84**	**0.80**	**1.5**	**17**	<2.9	**12**	<2.9	**31**	**1,500**
T-9 5'	5	6/26/2023	SCS Engineers	**15**	**21**	**1,900**	**0.54**	**3.2**	**42**	**6.5**	**420**	**5,000**	NA	**1.7**	NA	**8.5**	**7.0**	**0.68**	**0.67**	**2.3**	**20**	<2.9	**12**	<2.9	**29**	**1,400**
T-9 6'	6	6/26/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**1.7**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-10 3.5'	3.5	6/26/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**3.1**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-10 6'	6	6/26/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**1.7**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-11-1'	1	6/26/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**9.8**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-11-2'	2	6/26/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**2.5**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-11-3'	3	6/26/2023	SCS Engineers	<2.9	**1.6**	**57**	<0.48	<0.48	**13**	**4.0**	**5.7**	**1.8**	NA	NA	NA	NA	NA	NA	<0.15	<0.95	**4.5**	<2.9	<0.48	<2.9	**33**	**18**
T-11-4'	4	6/26/2023	SCS Engineers	**8.0**	**81**	**1,200**	<0.48	**2.9**	**130**	**23**	**290**	**5,000**	<0.30	**1.9**	<0.30	**1.6**	**8.6**	**0.98**	**0.43**	**6.8**	**53**	**5.2**	<4.8	<2.9	**25**	**850**
T-11-5.5'	5.5	6/26/2023	SCS Engineers	<2.9	<0.97	**29**	<0.49	<0.49	**9.4**	**1.9**	**2.0**	**2.3**	NA	NA	NA	NA	NA	NA	<0.14	<0.97	**1.6**	<2.9	<0.49	<2.9	**33**	**10**
T-12-2	2	6/27/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**5.0**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-12-5	5	6/27/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**1.2**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-13-3-NE	3	6/27/2023	SCS Engineers	<2.9	**3.6**	**72**	<0.48	<0.48	**14**	**4.6**	**6.9**	**8.0**	NA	NA	NA	NA	NA	NA	<0.16	<0.96	**5.7**	<2.9	<0.48	<2.9	**36**	**190**
T-13-3-SW	3	6/27/2023	SCS Engineers	<2.9	**4.1**	**57**	<0.48	<0.48	**11**	**3.7**	**26**	**9.8**	NA	NA	NA	NA	NA	NA	<0.16	<0.95	**4.8**	<2.9	<0.48	<2.9	**29**	**290**
T-13-7	7	6/27/2023	SCS Engineers	<3.0	**2.6**	**140**	<0.50	<0.50	**23**	**7.5**	**13**	**2.8**	NA	NA	NA	NA	NA	NA	<0.16	<1.0	**7.3**	<3.0	<0.50	<3.0	**58**	**41**
T-14-3.5	3.5	6/27/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**1.2**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-14-5	5	6/27/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	<0.98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-15-3.5	3.5	6/27/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	<0.96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-15-5	5	6/27/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	<0.98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-16-3	3	6/27/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	<0.95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Soil Sample Analytical Results for Title 22 Metals
Midway Rising - Sports Arena
3220, 3240, 3250, 3350, and 3500 Sports Arena Boulevard
San Diego, California

Sample Identifier	Depth	Date	Sampled by	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Total Lead	WET/STLC Arsenic	WET/STLC Barium	WET/STLC Chro-mium	WET/STLC Copper	WET/STLC Lead	WET/TCLP Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
				mg/kg									mg/L						mg/kg							
Health Risk-Based Criteria[1]				**31**	**12***	**15,000**	**1,600**	**910**	**NE**	**23**	**3,200**	**80**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**1.0**	**390**	**15,000**	**390**	**390**	**12**	**1,200**	**350,000**
Hazardous Waste Criteria[2]				**500**	**500**	**10,000**	**75**	**100**	**2,500**	**8,000**	**2,500**	**1,000**	**5**	**5**	**5**	**5**	**5**	**5**	**20**	**3,500**	**2,000**	**100**	**500**	**700**	**2,400**	**5,000**
Waste-Based Screening Criteria[3]				**5.0**	**12****	**509**	**4.0**	**4**	**122**	**20**	**60**	**23.9**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**0.26**	**2.0**	**57**	**0.21**	**2.0**	**0.78**	**112**	**149**
T-16-5.5	5.5	6/27/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	<0.95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-17 4'	4	6/27/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**2.2**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-17 5'	5	6/27/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	<0.99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-18 1.5'	1.5	6/27/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**2.0**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-18 4'	4	6/27/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**2.3**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-19-2.5	2.5	6/28/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**5.0**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-20-2	2	6/28/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**4.6**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-21-3	3	6/28/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**7.1**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-21-4	4	6/28/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	<0.95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-22-3	3	6/28/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**1.7**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-22-5	5	6/28/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	<0.97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-23-2.5	2.5	6/28/2023	SCS Engineers	<3.0	**5.8**	**33**	<0.50	<0.50	**12**	**4.6**	**9.2**	**17**	NA	NA	NA	NA	NA	NA	<0.15	<0.99	**6.7**	<3.0	<0.50	<3.0	**33**	**52**
T-23-4	4	6/28/2023	SCS Engineers	<2.8	**14**	**350**	<0.47	**1.6**	**27**	**8.3**	**84**	**620**	NA	NA	NA	NA	NA	NA	**0.17**	**1.0**	**11**	<2.8	<0.47	<2.8	**47**	**640**
T-23 5'	5	6/28/2023	SCS Engineers	<2.9	**2.9**	**170**	<0.49	<0.49	**21**	**4.8**	**73**	**2,800**	NA	NA	NA	NA	NA	NA	**0.16**	<0.97	**6.1**	<2.9	<0.49	<2.9	**53**	**120**
T-23 6.5'	6.5	6/28/2023	SCS Engineers	<2.9	**1.9**	**190**	<0.49	<0.49	**18**	**4.3**	**28**	**190**	NA	NA	NA	NA	NA	NA	**0.18**	<0.97	**4.8**	<2.9	<0.49	<2.9	**50**	**120**
T-23-8.5	8.5	6/28/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**1.1**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-24-1	1	6/28/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**8.1**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-24-2	2	6/28/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**4.7**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-24-3.5	3.5	6/28/2023	SCS Engineers	**6.0**	**12**	**2,500**	<0.49	**2.2**	**45**	**5.8**	**410**	**4,500**	NA	NA	NA	NA	NA	NA	**1.5**	<0.98	**15**	<2.9	**2.6**	<2.9	**35**	**1,000**
T-24-4.5	4.5	6/28/2023	SCS Engineers	<3.0	**2.7**	**220**	<0.50	<0.50	**24**	**5.4**	**57**	**270**	NA	NA	NA	NA	NA	NA	**0.67**	<0.99	**7.5**	<3.0	<0.50	<3.0	**51**	**330**
T-24-6	6	6/28/2023	SCS Engineers	<2.9	<0.98	**49**	<0.49	<0.49	**18**	**3.3**	**4.3**	**1.0**	NA	NA	NA	NA	NA	NA	<0.15	<0.98	**2.7**	<2.9	<0.49	<2.9	**68**	**19**
T-24-7	7	6/28/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**1.4**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-24-9	9	6/28/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	<0.95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-25 2'	2	6/29/2023	SCS Engineers	<2.9	**6.1**	**42**	<0.49	<0.49	**17**	**5.2**	**7.3**	**13**	NA	NA	NA	NA	NA	NA	<0.16	<0.98	**7.4**	<2.9	<0.49	<0.98	**39**	**46**
T-25 6.5'	6.5	6/29/2023	SCS Engineers	<2.9	<0.95	**41**	<0.48	<0.48	**10**	**2.9**	**3.9**	**1.0**	NA	NA	NA	NA	NA	NA	<0.16	<0.95	**2.5**	<2.9	<0.48	<0.95	**31**	**13**
T-26 2'	2	6/29/2023	SCS Engineers	<2.9	**5.9**	**36**	<0.48	<0.48	**15**	**5**	**7.3**	**8.2**	NA	NA	NA	NA	NA	NA	<0.16	<0.96	**7.2**	<2.9	<0.48	<0.96	**36**	**41**
T-27 1.5'	1.5	6/29/2023	SCS Engineers	<2.9	**6.7**	**110**	**0.49**	<0.49	**13**	**5.7**	**9.8**	**8.5**	NA	NA	NA	NA	NA	NA	<0.15	<0.98	**6.8**	<2.9	<0.49	<0.98	**34**	**38**
T-27 3'	3	6/29/2023	SCS Engineers	<2.9	**1.9**	**120**	<0.48	<0.48	**24**	**7.9**	**12**	**2.3**	NA	NA	NA	NA	NA	NA	<0.15	<0.96	**7.1**	<2.9	<0.48	<0.96	**63**	**37**
T-27 5.5'	5.5	6/29/2023	SCS Engineers	<2.9	**3.1**	**81**	<0.48	<0.48	**19**	**6.1**	**10**	**5.2**	NA	NA	NA	NA	NA	NA	<0.16	<0.95	**7.2**	<2.9	<0.48	<0.95	**49**	**37**
T-28 0'	0	6/29/2023	SCS Engineers	<2.9	**4.5**	**63**	<0.48	<0.48	**13**	**4.9**	**10**	**8.3**	NA	NA	NA	NA	NA	NA	<0.16	<0.95	**12**	<2.9	<0.48	<0.95	**35**	**52**
T-28 2.5'	2.5	6/29/2023	SCS Engineers	<2.9	**5.2**	**61**	<0.49	<0.49	**16**	**5.9**	**9.9**	**7.3**	NA	NA	NA	NA	NA	NA	<0.15	<0.98	**8.4**	<2.9	<0.49	<0.98	**40**	**43**
T-28 3'	3	6/29/2023	SCS Engineers	<2.9	**4.7**	**67**	<0.49	<0.49	**18**	**6.4**	**10**	**6.7**	NA	NA	NA	NA	NA	NA	<0.16	<0.98	**7.7**	<2.9	<0.49	<0.98	**43**	**44**
T-28 4.5'	4.5	6/29/2023	SCS Engineers	<2.9	**2.0**	**150**	<0.49	<0.49	**30**	**9.3**	**14**	**2.7**	NA	NA	NA	NA	NA	NA	<0.15	<0.97	**8.3**	<2.9	<0.49	<0.97	**67**	**46**
T-29 4'	4	6/29/2023	SCS Engineers	<2.9	**1.8**	**130**	<0.49	<0.49	**25**	**7.8**	**13**	**2.3**	NA	NA	NA	NA	NA	NA	<0.15	<0.97	**7.2**	<2.9	<0.49	<0.97	**60**	**39**
T-30 2.5'	2.5	6/29/2023	SCS Engineers	<2.9	**5.6**	**41**	<0.48	<0.48	**17**	**5.8**	**8.5**	**7.7**	NA	NA	NA	NA	NA	NA	<0.14	<0.95	**8.6**	<2.9	<0.48	<0.95	**40**	**47**
T-30 3.5'	3.5	6/29/2023	SCS Engineers	<2.9	<0.98	**40**	<0.49	<0.49	**8**	**2.5**	**3.4**	<0.98	NA	NA	NA	NA	NA	NA	<0.14	<0.98	**2.4**	<2.9	<0.49	<0.98	**22**	**11**
T-31 2.5'	2.5	6/29/2023	SCS Engineers	<2.9	**2.4**	**150**	<0.49	<0.49	**29**	**9.1**	**16**	**3.6**	NA	NA	NA	NA	NA	NA	<0.16	<0.98	**8.8**	<2.9	<0.49	<0.98	**66**	**48**
T-31 4'	4	6/29/2023	SCS Engineers	<2.9	**1.0**	**82**	<0.49	<0.49	**17**	**4.9**	**7.4**	**1.3**	NA	NA	NA	NA	NA	NA	<0.15	<0.98	**4.4**	<2.9	<0.49	<0.98	**46**	**24**
T-32 NW 1.5'	1.5	6/30/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**13**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-32 SE 1.5'	1.5	6/30/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**6.8**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-32 NW 3.5'	3.5	6/30/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	<0.99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-32 M 5'	5	6/30/2023	SCS Engineers	<0.96	<0.96	**55**	<0.48	<0.48	**14**	**3.1**	**4.5**	<0.96	NA	NA	NA	NA	NA	NA	<0.15	<0.96	**3.5**	<2.9	<0.48	<2.9	**43**	**17**
T-32 SE 5'	5	6/30/2023	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	<0.96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T33-2	2	5/7/2024	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**2.2**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T33-4	4	5/7/2024	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**2.6**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T33-5	5	5/7/2024	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**3.0**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T34-2	2	5/7/2024	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**11**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T34-4	4	5/7/2024	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**21**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T34-5	5	5/7/2024	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**9.6**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T34-6	6	5/7/2024	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**2.1**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T35-0.5	0.5	5/7/2024	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**7.1**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T35-2.5	2.5	5/7/2024	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**8.9**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T35-5	5	5/7/2024	SCS Engineers	<2.9	**4.2**	**180**	**0.52**	< 0.49	**31**	**10**	**17**	**5.6**	NA	NA	NA	NA	NA	NA	<0.16	< 0.97	**10**	<2.9	<0.49	<2.9	**68**	**55**
T36-2	2	5/7/2024	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**23**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T36-4	4	5/7/2024	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**3.0**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T37-2.5	2.5	5/7/2024	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**1.8**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T37-4	4	5/7/2024	SCS Engineers	**5.1**	**9.7**	**1,300**	**0.90**	**0.93**	**35**	**8.7**	**160**	**1,600**	NA	NA	NA	NA	NA	NA	**3.0**	< 0.95	**18**	<2.9	**2.2**	<2.9	**50**	**650**
T37-5	5	5/7/2024	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**3.1**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T37-6	6	5/7/2024	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**1.2**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T38-1	1	5/7/2024	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**8.5**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Soil Sample Analytical Results for Title 22 Metals
Midway Rising - Sports Arena
3220, 3240, 3250, 3350, and 3500 Sports Arena Boulevard
San Diego, California

Sample Identifier	Depth	Date	Sampled by	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Total Lead	WET/STLC Arsenic	WET/STLC Barium	WET/STLC Chro-mium	WET/STLC Copper	WET/STLC Lead	WET/TCLP Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
				mg/kg									mg/L						mg/kg							
Health Risk-Based Criteria[1]				**31**	**12***	**15,000**	**1,600**	**910**	**NE**	**23**	**3,200**	**80**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**1.0**	**390**	**15,000**	**390**	**390**	**12**	**1,200**	**350,000**
Hazardous Waste Criteria[2]				**500**	**500**	**10,000**	**75**	**100**	**2,500**	**8,000**	**2,500**	**1,000**	**5**	**5**	**5**	**5**	**5**	**5**	**20**	**3,500**	**2,000**	**100**	**500**	**700**	**2,400**	**5,000**
Waste-Based Screening Criteria[3]				**5.0**	**12****	**509**	**4.0**	**4**	**122**	**20**	**60**	**23.9**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**0.26**	**2.0**	**57**	**0.21**	**2.0**	**0.78**	**112**	**149**
T38-2	4	5/7/2024	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**1.7**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T38-3.5	3.5	5/7/2024	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**7.0**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T39-1	1	5/7/2024	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**9.5**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T39-2	2	5/7/2024	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**9.7**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T39-4	4	5/7/2024	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**3.7**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T40-1	1	5/8/2024	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**22**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T40-2.5	2.5	5/8/2024	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**1.6**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T40-4	4	5/8/2024	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**2.7**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T41-1	1	5/8/2024	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**9.6**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T41-3	3	5/8/2024	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**1.7**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T41-4.5	4.5	5/8/2024	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T42-1	1	5/8/2024	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**7.2**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T42-2	2	5/8/2024	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	**1.4**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T42-4.5	4.5	5/8/2024	SCS Engineers	NA	NA	NA	NA	NA	NA	NA	NA	<0.98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Soil samples collected by SCS Engineers on 2/6-7/2023, 3/23/2023, 6/23-30/2023, 3/4/2024, 5/7-5/8/2024 and 5/16- 5/23/24, and 7/9/24.
Soil samples were analyzed for Title 22 metals by Environmental Protection Agency (EPA) Method 6010B, with select samples further analyzed for metals leachability using the Waste Extraction Test (WET) or Toxicity Characteristic Leaching Procedure (TCLP).
1) Health Risk-Based Criteria - For lead, the Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office (HERO) Human Health Risk Assessment (HHRA) Note Number: 3, June 2020, Revised May 2022, using the recommended Screening Levels (SL) for residential soil and cancer endpoint, or, for other metals not listed in HHRA Note 3, the Regional Screening levels for residential soil, provided by the EPA and updated as of May 2024 were used.
For other metals not listed in HHRA Note 3, the Regional Screening levels for residential soil, provided by the EPA and updated as of May 2024 were used.
*For arsenic, although the DTSC RSL is 0.36 mg/kg, naturally occuring arsenic typically exceeds human health risk screening criteria. Therefore, the DTSC upper-bound background concentration for arsenic of 12 mg/kg was used.
2) Hazardous Waste Criteria: Values shown from California code of regulations, Title 22 Article 3, July 20, 2005, regarding characteristics of hazardous waste.
3) Waste-Based Screening Criteria: Regional Water Quality Control Board (RWQCB) Soil Screening Levels (SSLs) for waste (i.e., soil export). Tier 1 SSLs are the criteria by which soil is judged to be "inert waste soils that can be reused without restriction" as developed by the RWQCB (Waiver).
**For arsenic, although theRWQCB Tier 1 SSL is 3.5 mg/kg, naturally occuring arsenic typically exceeds human health risk screening criteria. Therefore, the DTSC upper-bound background concentration for arsenic of 12 mg/kg was used.
mg/L : milligrams per liter.
mg/kg : milligrams per kilogram.
<: indicates the specific analyte was reported below the laboratory reporting limit.
CR 6: Hexavalent chromium.
NA : sample not analyzed for specific analyte.
NE : Screening criteria not established.
STLC: Soluble threshold limit concentration.
TCLP: Toxicity characteristic leaching procedure.
Bold font : Constituent result above the laboratory reporting limit.
Red font : Constituent result above the Health Risk-Based regulatory screening criteria.
Blue font : Constituent result above the Waste-Based regulatory screening criteria.
Yellow highlight: Constituent above the Hazardous Waste-Based regulatory screening criteria.

Table 3
Groundwater Sample Analytical Results for TPH and VOCs
Midway Rising - Sports Arena
3220, 3240, 3250, 3350, and 3500 Sports Arena Boulevard
San Diego, California

Sample ID	Date	TPHg	TPHd	TPHo	Bromodichloro-methane	Dibromochloro-methane	PCE	TCE	m,p-Xylenes	o-Xylene	1,2,4-Trimethyl-benzene	Naph-thalene	Other VOCs
		mg/L			µg/L								
DP-23-034-GW	2/6/2023	< 0.094	**0.26**	**0.91**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
DP-23-035-GW	2/6/2023	< 0.097	< 0.097	< 0.29	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
DP-23-036-GW	2/6/2023	< 0.096	< 0.096	< 0.29	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
DP-23-037-GW	2/6/2023	< 0.19	**0.27**	**1.6**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
A-23-13	2/6/2023	< 0.58	**0.60**	< 1.7	**0.5**	**0.9**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
SB-UST-24-2-W	5/23/2024	**0.84**	**3.4**	<2.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.9**	**5.4**	ND
SB-UST-24-3-W	5/23/2024	<0.20	**1.2**	<0.60	< 0.5	< 0.5	< 0.5	< 0.5	**1.6**	**0.6**	< 0.5	< 0.5	ND
Health Risk-Based Criteria [1]		**100**	**100**	**NE**	**0.87**	**46**	**0.64**	**1.20**	**20**	**20**	**NE**	**0.17**	**NA**

Notes:
TPH: Total Petroleum Hydrocarbons. Samples from SCS analyzed in general accordance with EPA Method 8015B.
VOCs: Volatile Organic Compounds. Samples from SCS analyzed in general accordance with EPA Method 8260B.
mg/L : milligrams per liter.
µg/L : micrograms per liter.
< : less than the laboratory reporting limit.
ND: Not detected above the laboratory reporting limit.
TPHo: TPH oil-range organics.
TPHd: TPH diesel-range organics.
TPHg: TPH gasoline-range organics.
PCE: Tetrachloroethene.
TCE: Trichloroethene.
-- : not analyzed.
1) Health Risk-Based Criteria - For TPH and VOCs: The San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) Tier 1 Environmental Screening Levels (ESLs), dated 2019, Revision 2.
Red font : Constituent result above the Health Risk-Based Criteria.
Bold font indicates concentrations above the indicated laboratory reporting limits.
NA: Not applicable.
NE: Not established.

Table 4
Soil Vapor Sample Analytical Results and Vapor Intrusion Risk Screening (VIRS)
Midway Rising - Sports Arena
3220, 3240, 3250, 3350, and 3500 Sports Arena Boulevard
San Diego, California

Sample Identifier	Depth (feet bgs)	Date Collected	1,1-Difluoro-ethane (LCC)	Dichloro-difluoro-methane (F12)	Chloro-methane	Carbon disulfide	2-Butanone (MEK)	Chloroform	Benzene	4-Methyl-2-pentanone (MIBK)	Toluene	2-Hexanone (MBK)	Chloro-benzene	Ethyl-benzene	m,p-Xylene	Styrene	o-Xylene	Tetrachloro-ethene (PCE)	4-Ethyl-toluene	1,3,5-Trimethyl-benzene	1,2,4-Trimethyl-benzene	Other VOCs
			µg/m³																			
DPV-23-053	5	2/7/2023	<100	<100	<100	NA	NA	<20	<20	NA	<200	NA	<20	<100	<100	<100	<100	<20	NA	NA	<100	ND
SV-23-061-5	5	2/7/2023	<100	<100	<100	NA	NA	<20	<20	NA	<200	NA	<20	<100	**200**	<100	<100	<20	NA	NA	<100	ND
SV-23-061-5 REP	5	2/7/2023	<100	<100	<100	NA	NA	<20	<20	NA	<200	NA	<20	<100	**210**	<100	<100	<20	NA	NA	<100	ND
SV-23-062-5	5	3/23/2023	<100	<100	<100	NA	NA	<20	<20	NA	<200	NA	<20	<100	<100	<100	<100	<20	NA	NA	<100	ND
SV-23-063-5	5	3/23/2023	<100	<100	<100	NA	NA	<20	<20	NA	<200	NA	<20	<100	<100	<100	<100	<20	NA	NA	<100	ND
SV-23-063 Rep	5	3/23/2023	<100	<100	<100	NA	NA	<20	<20	NA	<200	NA	<20	<100	<100	<100	<100	<20	NA	NA	<100	ND
SV-23-064-5	5	3/23/2023	<100	<100	<100	NA	NA	<20	**32**	NA	<200	NA	<20	<100	<100	<100	<100	<20	NA	NA	<100	ND
SV-23-065-5	5	2/7/2023	<100	<100	<100	NA	NA	<20	<20	NA	<200	NA	<20	**370**	**1,600**	<100	**450**	<20	NA	NA	<100	ND
SV-23-066-5	5	2/7/2023	<100	<100	<100	NA	NA	<20	<20	NA	<200	NA	<20	<100	<100	<100	<100	<20	NA	NA	<100	ND
SV-23-067-5	5	2/7/2023	<100	<100	<100	NA	NA	<20	<20	NA	<200	NA	<20	<100	<100	<100	<100	<20	NA	NA	<100	ND
SV-23-068-5	5	2/7/2023	<100	<100	<100	NA	NA	<20	<20	NA	<200	NA	<20	**870**	**3,600**	<100	**990**	**22**	NA	NA	<100	ND
SV-23-069-5	5	3/23/2023	<100	<100	<100	NA	NA	<20	<20	NA	<200	NA	<20	<100	<100	<100	<100	<20	NA	NA	<100	ND
SV-23-070-5	5	3/23/2023	<100	<100	<100	NA	NA	<20	<20	NA	<200	NA	<20	<100	<100	<100	<100	<20	NA	NA	<100	ND
SV-23-071-5	5	3/23/2023	<100	<100	<100	NA	NA	<20	<20	NA	<200	NA	<20	<100	<100	<100	<100	<20	NA	NA	<100	ND
SV-23-072-5	5	3/23/2023	<100	<100	<100	NA	NA	<20	<20	NA	<200	NA	<20	<100	<100	<100	<100	<20	NA	NA	<100	ND
SV-23-073-5	5	3/23/2023	<100	<100	<100	NA	NA	<20	<20	NA	<200	NA	<20	<100	<100	<100	<100	<20	NA	NA	<100	ND
SV-23-074-5	5	3/23/2023	<100	<100	<100	NA	NA	<20	<20	NA	<200	NA	<20	<100	<100	<100	<100	<20	NA	NA	<100	ND
SV-23-075-5	5	3/23/2023	<100	<100	<100	NA	NA	<20	<20	NA	<200	NA	<20	<100	<100	<100	<100	**41**	NA	NA	<100	ND
SV-23-076-5	5	3/23/2023	<100	<100	<100	NA	NA	<20	<20	NA	<200	NA	<20	<100	<100	<100	<100	<20	NA	NA	<100	ND
SV-24-001-5	5	5/21/2024	<5.5	**5.3**	<2.1	**13**	**48**	<4.9	**19**	**43**	**33**	<8.3	**8.2**	**7.6**	**19**	<4.3	**11**	**79**	<5.0	**7.9**	**7.3**	ND
SV-24-002-5	5	5/21/2024	<5.5	<5.0	<2.1	<6.3	<30	<4.9	**4.4**	**17**	**13**	<8.3	**6.3**	<4.4	**13**	<4.3	**5.5**	<6.9	<5.0	<5.0	<5.0	ND
SV-24-003-5	5	5/21/2024	<5.5	<5.0	<2.1	<6.3	**30**	<4.9	**5.7**	**23**	**11**	**13**	<4.7	<4.4	<8.8	<4.3	<4.4	<6.9	<5.0	<5.0	<5.0	ND
SV-24-004-5	5	5/21/2024	**6.6**	**5.2**	<2.1	**15**	<30	<4.9	**9.8**	**23**	**23**	**11**	<4.7	**4.5**	**14**	<4.3	**6.0**	<6.9	<5.0	<5.0	<5.0	ND
SV-24-005-5	5	5/22/2024	<5.5	<5.0	<2.1	**24**	**38**	<4.9	**88**	**34**	**130**	<8.3	**6.8**	**21**	**45**	**7.5**	**19**	<6.9	**5.0**	<5.0	**11**	ND
SV-24-006-5	5	5/23/2024	<5.5	<5.0	<2.1	<6.3	**45**	<4.9	**38**	**61**	**59**	<8.3	<4.7	**14**	**37**	<4.3	**17**	**7.3**	**12**	**15**	**44**	ND
SV-24-007-5	5	5/22/2024	<5.5	<5.0	<2.1	**6.6**	<30	<4.9	**11**	**18**	**17**	**12**	<4.7	**5.0**	**11**	<4.3	**5.6**	<6.9	<5.0	<5.0	<5.0	ND
SV-24-008-5	5	5/22/2024	<5.5	<5.0	<2.1	**7.3**	<30	<4.9	**9.9**	**21**	**16**	<8.3	**4.9**	<4.4	**10**	<4.3	**4.6**	<6.9	<5.0	<5.0	<5.0	ND
SV-24-009-5	5	5/22/2024	<5.5	<5.0	<2.1	<6.3	<30	<4.9	**6.9**	**22**	**11**	<8.3	<4.7	<4.4	**9.2**	<4.3	<4.4	<6.9	<5.0	<5.0	<5.0	ND
SV-24-010-5	5	5/22/2024	<5.5	<5.0	<2.1	<6.3	<30	<4.9	**4.3**	**12**	**9.8**	<8.3	<4.7	<4.4	**9.1**	<4.3	<4.4	<6.9	<5.0	<5.0	<5.0	ND
SV-24-011-5	5	5/22/2024	<5.5	<5.0	<2.1	<6.3	**48**	<4.9	**57**	**28**	**88**	<8.3	<4.7	**14**	**30**	<4.3	**14**	<6.9	<5.0	<5.0	**5.2**	ND
SV-24-012-5	5	5/22/2024	<5.5	<5.0	<2.1	<6.3	<30	<4.9	**4.9**	<8.3	**9.6**	<8.3	<4.7	<4.4	<8.8	<4.3	<4.4	<6.9	<5.0	<5.0	<5.0	ND
SV-24-013-5	5	5/23/2024	<5.5	<5.0	<2.1	<6.3	<30	**8.4**	**6.0**	**32**	**13**	<8.3	<4.7	**4.7**	**15**	<4.3	**8.5**	**10**	**11**	**16**	**48**	ND
SV-24-014-5	5	5/22/2024	<5.5	<5.0	<2.1	<6.3	<30	<4.9	**4.5**	**10**	**7.6**	<8.3	<4.7	<4.4	**10**	<4.3	**5.3**	**45**	<5.0	<5.0	<5.0	ND
SV-24-015-5	5	5/23/2024	<5.5	**5.5**	<2.1	<6.3	<30	<4.9	<3.2	**34**	**5.3**	<8.3	<4.7	<4.4	<8.8	<4.3	**5.0**	**11**	**11**	**18**	**53**	ND
SV-24-016-5	5	5/23/2024	<5.5	<5.0	<2.1	<6.3	<30	<4.9	**6.1**	**20**	**9.2**	<8.3	<4.7	<4.4	**11**	<4.3	**6.6**	**7.4**	**6.0**	**8.1**	**23**	ND
SV-24-017-5	5	5/21/2024	**87**	<5.0	<2.1	<6.3	<30	**7.2**	**9.4**	**41**	**10**	<8.3	<4.7	<4.4	**13**	<4.3	**5.1**	<6.9	<5.0	<5.0	<5.0	ND
SV-24-018-5	5	5/23/2024	<5.5	<5.0	<2.1	<6.3	<30	<4.9	**280**	<8.3	**18**	<8.3	<4.7	**26**	**150**	<4.3	**74**	**20**	**8.3**	**17**	**33**	ND
SV-24-019-5	5	5/23/2024	<5.5	<5.0	<2.1	<6.3	<30	<4.9	**4.0**	**18**	**7.7**	<8.3	<4.7	<4.4	**12**	<4.3	**6.1**	**20**	**5.3**	**7.6**	**23**	ND
SV-24-020-2.5	2.5	5/23/2024	<5.5	<5.0	<2.1	**13**	**84**	<4.9	**56**	**57**	**100**	<8.3	<4.7	**36**	**74**	**17**	**39**	**21**	**26**	**31**	**82**	ND
SV-24-021-5	5	5/21/2024	<5,000	<5,000	<5,000	<5,000	<25,000	<1,000	**14,000**	<25,000	<10,000	<25,000	<1,000	<5,000	<5,000	<5,000	<5,000	<1,000	NA	<5,000	<5,000	ND
SV-24-021-5 Dup	5	5/21/2024	<5,000	<5,000	<5,000	<5,000	<25,000	<1,000	**14,000**	<25,000	<10,000	<25,000	<1,000	<5,000	<5,000	<5,000	<5,000	<1,000	NA	<5,000	<5,000	ND
SV-24-022-5	5	5/22/2024	<1,000	<1,000	<1,000	<1,000	<5,000	<200	**2,400**	<5,000	<2,000	<5,000	<200	<1,000	<1,000	<1,000	<1,000	<200	NA	<1,000	<1,000	ND
SV-24-023-5	5	5/22/2024	<5,000	<5,000	<5,000	<5,000	<25,000	<1,000	**38,000**	<25,000	<10,000	<25,000	<1,000	<5,000	**9,100**	<5,000	<5,000	<1,000	NA	<5,000	<5,000	ND
SV-24-023-5 Dup	5	5/22/2024	<5,000	<5,000	<5,000	<5,000	<25,000	<1,000	**34,000**	<25,000	<10,000	<25,000	<1,000	<5,000	**8,000**	<5,000	<5,000	<1,000	N/A	<5,000	<5,000	ND
SV-24-024-5	5	5/23/2024	**23**	<5.0	<2.1	<6.3	<30	<4.9	**7.9**	**41**	**12**	<8.3	<4.7	<4.4	**11**	<4.3	**5.8**	**41**	**8.3**	**12**	**33**	ND
SV-24-024-5 Rep	5	5/23/2024	<5.5	<5.0	**2.1**	<6.3	**41**	<4.9	**8.4**	**41**	**14**	**13**	<4.7	<4.4	**11**	<4.3	**6.3**	**39**	**9.9**	**13**	**38**	ND
Maximum Site Concentration (µg/m³)			**87**	**5.5**	**2.1**	**24**	**84**	**8.4**	**38,000**	**61**	**130**	**13**	**8.2**	**870**	**9,100**	**17**	**990**	**79**	**26**	**31**	**82**	NA
Predicted Indoor Air Concentration for Existing Commercial Use[1] (µg/m³)			**0.087**	**0.0055**	**0.0021**	**0.024**	**0.084**	**0.0084**	**38**	**0.061**	**0.13**	**0.013**	**0.0082**	**0.870**	**9.1**	**0.017**	**0.990**	**0.079**	**0.026**	**0.031**	**0.082**	NA
Predicted Indoor Air Concentration for Future Commercial Use[2] (µg/m³)			**0.0435**	**0.00275**	**0.00105**	**0.012**	**0.042**	**0.0042**	**19**	**0.0305**	**0.065**	**0.0065**	**0.0041**	**0.435**	**4.6**	**0.009**	**0.495**	**0.040**	**0.013**	**0.0155**	**0.041**	NA
Predicted Indoor Air Concentration for Future Residential Use[1]			**0.087**	**0.0055**	**0.0021**	**0.024**	**0.084**	**0.0084**	**38**	**0.061**	**0.13**	**0.013**	**0.0082**	**0.870**	**9.1**	**0.017**	**0.990**	**0.079**	**0.026**	**0.031**	**0.082**	NA
Predicted Indoor Air Concentration using CalEPA 0.03 AF[3]			**2.61**	**0.165**	**0.063**	**0.72**	**2.52**	**0.252**	**1,140**	**1.83**	**3.9**	**0.39**	**0.246**	**26.1**	**273**	**0.51**	**29.7**	**2.4**	**0.78**	**0.93**	**2.46**	NA
Residential DTSC/EPA Screening Level[4] (µg/m³)			42,000^	100^	94^	730^	5,200^	0.12^	0.097	3,100^	310	31^	52^	1.1^	100^	940	100^	0.46	NE	63^	63^	NA
Commercial DTSC/EPA Screening Level[4] (µg/m³)			180,000^	440^	390^	3,100^	22,000^	0.53^	0.42	13,000^	1,300	130^	220^	4.9^	440^	3,900	440^	2	NE	260^	260^	NA

Notes:

Soil vapor samples collected by SCS Engineers on February 7 and March 23, 2023, were analyzed for volatile organic compounds (VOCs) in general accordance with EPA Method 8260SV

Soil vapor samples collected by SCS Engineers on May 21, 22, and 23, 2024, were analyzed for VOCs in general accordance with EPA Method TO-15, with the exceptions noted below.

Due to elevated levels of non-target analytes, the following samples collected in May 2024 were analyzed by 8260SV rather than EPA Method TO-15:

SV-24-021-5, SV-24-021-5 Dup, SV-24-022-5, SV-24-023-5, and SV-24-023-5 Dup . Additionally, analytes dichlorotetrafluoroethane and 4-ethyltoluene are not included in 8260SV.

bgs: below ground surface.

Results presented in micrograms per cubic meter (µg/m³).

Bold values indicate a specific analyte was reported above its respective laboratory reporting limit.

<: a specific analyte was reported below its respective laboratory reporting limit.

ND: a group of analytes was reported below their respective laboratory reporting limits.

NA: Not applicable/not analyzed.

1: Maximum soil vapor concentration multiplied by the default Department of Substances Control (DTSC) attenuation factor of 0.001 for an existing commercial or future residentail building, per Table 2 - Attenuation Factors for Preliminary Screening Evaluations of the *Final Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air* (Vapor Intrusion Guidance), prepared by the DTSC and dated October 2011.

2: Maximum soil vapor concentration multiplied by the default DTSC attenuation factor of 0.0005 for a future commercial building, per Table 2 - Attenuation Factors for Preliminary Screening Evaluations of the Vapor Intrusion Guidance.

3: Maximum soil vapor concentration multiplied by the attenuation factor of 0.03 as recommended in the Supplemental Guidance: Screening and Evaluating Vapor Intrusion, Final Draft, California Environmental Protection Agency (CalEPA), February 2023.

4: Human Health Risk Assessment Note 3 - DTSC-Modified Screening Levels (DTSC-SLs), Table 3 - Screening Levels for Ambient Air, June 2020, revised May 2022.

^ A DTSC-Screening Level (SL) has not been established for this constituent. The Environmental Protection Agency (EPA) Regional Screening Level (RSL), dated May 2024, was used for this constituent.

Red font indicates an exceedance of a commercial and residential screening levels for the constituent.

Blue font indicates an exceedance of the residential screening level only for the constituent.

APPENDICES

APPENDIX A

Geophysical Evaluation Report

GEOPHYSICAL EVALUATION

SAN DIEGO SPORTS ARENA

San Diego, California

PREPARED FOR:

SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego, CA 92123

PREPARED BY:

Atlas Technical Consultants LLC
9085 Aero Drive, Suite B
San Diego, CA 92123

June 11, 2024

9085 Aero Drive, Suite B
San Diego, CA 92123
877.215.4321 | oneatlas.com

June 11, 2024

Atlas No. 8823 (Rev)

MR. CHUCK HOUSER, C.H.G.
SCS ENGINEERS
8799 BALBOA AVENUE, SUITE 290
SAN DIEGO, CA 92123

Subject: Geophysical Evaluation
San Diego Sports Arena
San Diego, California

Dear Mr. Houser:

In accordance with your authorization, Atlas has performed a geophysical evaluation pertaining to the subject project located in San Diego, California. Specifically, our services included the performance of electromagnetic and magnetic evaluations at preselected portions of the San Diego Sports Arena. The purpose of this study was to assess the presence of underground storage tanks, burn pits, obstructions, structures, and/or backfilled excavations associated with underground storage tanks. In addition, the presence of detectable underground utilities was also evaluated in the study areas. Our services were conducted on February 6 through 10, 2023, June 5 through 10, 2023, June 13 and 19, 2023, April 25 and 26, 2024, and May 2, 2024. This report presents the methodology, equipment used, analysis, and findings for our recent study.

We appreciate the opportunity to be of service on this project. Should you have any questions, please contact the undersigned at your convenience.

Sincerely,
Atlas Technical Consultants LLC

REGISTERED PROFESSIONAL GEOPHYSICIST
PATRICK F. LEHRMANN
No. 1043
Exp. 1/31/2026
STATE OF CALIFORNIA

Kyle J. Armendariz, G.I.T.
Project Geophysicist

Patrick F. Lehrmann, P.G., P.Gp. 1043
Principal Geologist/Geophysicist

KJA:ERC:PFL:ds
Distribution: Chouser@scsengineers.com

CONTENTS

FIGURES

1. INTRODUCTION

In accordance with your authorization, Atlas has performed a geophysical evaluation pertaining to the subject project located in San Diego, California (Figure 1). Specifically, our services included the performance of electromagnetic and magnetic evaluations at preselected portions of the San Diego Sports Arena. The purpose of this study was to assess the presence of underground storage tanks, burn pits, obstructions, structures, and/or backfilled excavations associated with underground storage tanks. In addition, the presence of detectable underground utilities was also evaluated in the study areas. Our services were conducted on February 6 through 10, 2023, June 5 through 10, 2023, June 13 and 19, 2023, April 25 and 26, 2024, and May 2, 2024. This report presents the methodology, equipment used, analysis, and findings for our recent study.

2. SCOPE OF SERVICES

Our scope of services included:

- Performance of EM, MAG, and utility evaluations within the study areas (EM61 and utility only at Dixieline Lumber)
- Compilation and analysis of the collected data.
- Preparation of this report presenting our findings, conclusions, and recommendations.

3. SITE AND PROJECT DESCRIPTION

The study area was located in preselected portions of the San Diego Sports Arena in San Diego, California (Figure 1). Specifically, the evaluation was conducted within the parking areas surrounding the arena, Chilli's, and Chick-Fil-A (Figures 2a-2e). Additionally, an approximately 40 foot by 40 foot area was evaluated in the stock yard of Dixieline Lumber (Figures 3a and 3b). The sites generally consisted of asphalt parking areas, reinforced concrete, k-rails, chain-link fences, vehicles, signposts, and parking stops. Figures 2a through 2e, Figures 3a and 3b, and Figures 4a and 4b depict the general site conditions.

Based on our discussions with you and review of historic aerials, it is our understanding that the project site was previously occupied by a frontier housing development. It is our understanding that USTs may have been used at the site; however, documentation on the location, size, and removal of the USTs does not exist.

4. GEOPHYSICAL INSTRUMENTATION AND APPLICATIONS

Our evaluation included the use of a Geonics model EM31-MK2 frequency-domain instrument, Geometrics G-858 cesium vapor magnetometer, Geonics model EM61-MK2 time-domain instrument, GSSI SIR 4000 Ground Penetrating Radar (GPR) unit using a 350 MHz transducer, Schonstedt GA-52 magnetic gradiometer, Fisher M-Scope TW-6 pipe and cable locator, Vivax

vLoc3-Pro line tracer, and a Stonex S5HA Global Positioning System (GPS) with a S700A antenna. These instruments provide real-time results and facilitate the delineation of subsurface features.

4.1 Utility Evaluation

The GPR instrument beams energy into the ground from its transducer/antenna, in the form of electromagnetic waves. A portion of this energy is reflected back to the antenna at boundaries in the subsurface across which there is an electrical contrast. The recorder continuously makes a record of the reflected energy as the antenna is moved across the ground surface. The greater the electrical contrast, the higher the amplitude of the returned energy. The EM wave travels at a velocity unique to the material properties of the ground being studied, and when these velocities are known, or closely estimated from ground conductivity values and other information, two-way travel times can be converted to depth. Penetration into the ground and resolution of the GPR images produced are a function of ground electrical conductivity and dielectric constant. Images tend to be graphic, even at considerable depth, in sandy soils, but penetration and resolution may be limited in more conductive clayey moist ground.

The magnetic gradiometer has two fluxgate magnetic fixed sensors that are passed close to and over the ground. When not in close proximity to a magnetic object, that is, only in the earth's field, the instrument emits an audible signal at a low frequency. When the instrument passes over buried iron or steel objects (so that the field is significantly different at the two sensors) the frequency of the emitted sound increases. Frequency is a function of the gradient between the two sensors.

The M-Scope TW-6 device energizes the ground by producing an alternating primary magnetic field with alternating current (AC) in the transmitting coil. If conducting materials (including soils) are within the area of influence of the primary field, AC eddy currents are induced to flow in the conductors. A receiving coil senses the secondary magnetic field produced by these eddy focused, that is, it is more sensitive to conductors below (and above) the instrument than to conductors off to the side.

Where risers are present, the Vivax vLoc3-Pro utility locator transmitter can be connected to the object, and a current is impressed on the conductor pipe or cable. The receiver unit is tuned to this same frequency, and it is used to trace the pipe's surface projection away from the riser. The transmitter and receiver can also be used in a non-connect (induction) mode, whereby the transmitter is positioned on the ground and an electromagnetic signal is emitted. In the presence of buried metal pipes and wires, a discrete signal will be induced on the conductor which can be sensed by the receiver. In addition, the instrument may be used in the passive mode, whereby radio and 60 Hz electromagnetic signals produced by communication and live electric lines are detected.

4.2 EM61 Evaluation

The EM61 instrument is a high resolution, electromagnetic (EM) time-domain device for detecting buried conductive objects. It consists of a powerful transmitter that generates a pulsed primary magnetic field when its coils are energized, which induces eddy currents in nearby conductive objects. The decay of the eddy currents, following the input pulse, is measured by the coils, which in turn serve as receiver coils. The decay rate is measured for two coils, mounted concentrically, one above the other. By making the measurements at a relatively long time interval (measured in milliseconds) after termination of the primary pulse, the response is nearly independent of the electrical conductivity of the ground. Thus, the instrument is a very sensitive metal detector. Due to its unique coil arrangement, the response curve is a single well-defined positive peak directly over a buried conductive object. This facilitates quick and accurate location of targets. Conductive objects to a depth of approximately 11 feet generally can be detected.

The EM61 data was collected in conjunction with a StoneX S700A GNSS receiver unit along profile lines that were spaced approximately 5 feet apart, access permitting. The data was later downloaded to a laptop computer and then processed and analyzed using TrackMaker61MK2 (Geomar, 2021) and Surfer (Golden Software, Inc., 2022).

4.3 MAG Evaluation

Magnetometer (MAG) data was collected within the study boundary limits in order to assess the presence of ferromagnetic metals. The MAG data was acquired using a Geometrics G-858 cesium vapor magnetometer, which measures the strength of the earth's magnetic field and the superposed magnetic field of ferromagnetic materials in its vicinity. The precision of the instrument is approximately 1/10th gamma. The earth's magnetic field strength at the project site's latitude was roughly 45,751 gammas February 6 through 10, 2023; 45,719 gammas June 5 through 10, 2023; 45,717 gammas on June 13, 2023; 45,716 gammas on June 19, 2023; 45,635.3 gammas on April 25 and 26, 2024; and 45,633.5 gammas on May 2, 2024 (*https://www.ngdc.noaa.gov/geomag-web/#igrfwmm*). The earth's magnetic field is inclined in the direction of the north magnetic pole. Because of this inclination, a buried ferromagnetic object is typically expressed as a paired anomaly with a positive (above background) slightly to the south and a negative slightly in the direction of magnetic north. Solar geomagnetic activity for the magnetometer evaluation was predominantly quiet, according to the National Oceanic and Atmospheric Administration (NOAA) (*https://www.swpc.noaa.gov*). In addition, pre and post-evaluation measurements were collected at a test station to assess diurnal variations. Variations of less than 20 gammas were observed. Due to these relatively small magnetic field variances, no diurnal corrections were made to the recorded magnetometer data.

The MAG data was collected in conjunction with a StoneX S700A GNSS receiver unit along profile lines that were spaced approximately 10 feet apart, access permitting. The data was later downloaded to a laptop computer and then processed and analyzed using Magmap (Geometrics, 2017) and Surfer (Golden Software, Inc., 2022).

4.4 EM31 Evaluation

EM data was collected within the study boundary limits using a Geonics EM31-MK2 terrain conductivity meter in order to assess the presence of conductors and non-conductors in the subsurface. The EM31 is a frequency domain terrain conductivity meter that operates at a frequency of 9.8 kHz and has an effective exploration depth of approximately 20 feet. It is comprised of two coils: a transmitter coil and receiver coil. The transmitter coil induces circular eddy currents that generate a magnetic field in the subsurface, which is related to the terrain conductivity. There are two components of the magnetic field which are measured by the EM31: the quadrature phase (QP) and the in-phase (IP) components. The quadrature phase provides an electrical conductivity measurement, in Millimhos per meter (mMhos/m). The in-phase measurements represent the ratio of the induced secondary magnetic field to the primary magnetic field in parts per thousand. The in-phase measurement is significantly more sensitive to large metallic objects than the quadrature phase. Before the collection of EM31 datasets, calibration of the instrument was performed.

The EM data was collected in conjunction with a StoneX S700A GNSS receiver unit along profile lines that were spaced approximately 10 feet apart, access permitting. The data was downloaded to a laptop computer and then processed and analyzed using DAT31W (Geonics, Inc., 2019) and Surfer (Golden Software, Inc., 2022).

5. RESULTS, CONCLUSIONS, AND RECOMMENDATIONS

As previously discussed, the primary purpose of our study was to assess the presence of USTs, burn pits, obstructions, structures, and/or backfilled excavations associated with USTs at portions of the San Diego Sports Arena and Dixieline Lumber.

5.1 Sports Arena

Figure 2a displays the surficial and detected subsurface features (fences, underground utilities, etc.) within the Sports Arena areas evaluated as part of this study. The results of our EM61, MAG, and EM31 quadrature and in-phase evaluation are displayed in Figures 2b, 2c, 2d and 2e, respectively. Each dataset is illustrated using both contour lines and a color gradient image. The EM61, MAG, and EM31 in-phase color schemes have warm colors (red/pink) representing higher values and the cool (blue) colors representing lower values. Conversely, the EM31 quadrature phase color scheme has cool (blue) colors representing higher values (more conductive) and warm colors (red/pink) representing lower values (more resistive).

Several anomalies were found within the study limits and are labeled Anomaly A through I. Anomalies A through D have EM61, MAG, and EM31 quadrature phase responses. GPR traverses over the anomalies appeared to show characteristics of reinforced concrete; however, the exact cause and nature of these anomalies are not known. It should be noted that the presence of reinforced concrete can potentially mask features that may be beneath the concrete. Anomaly E has EM61, MAG, EM31 quadrature phase, and EM31 in-phase responses; however,

GPR traverses over the anomaly were inconclusive. It should be noted that exploratory trenching was conducted over this anomaly and revealed a UST. Anomalies F through I have heightened EM61 values; however, GPR traverses over these anomalies were inconclusive. The absence of a MAG response for Anomalies F through I appears to indicate that these features may be the effect of fine mesh reinforcing, small shallow metallic objects, or may be some other metal that is not ferromagnetic in nature. Also, heightened EM61, MAG, and EM31 In-Phase values are noted near the driveways of Summit Gasoline and between Chilli's and Chick-Fil-A. Due to the shape and location of these responses, it is likely that these responses are due to traffic signal EM coils. Several other anomalies are present throughout the site and may be associated with utilities, surface metallic features, and possible debris located throughout the site. Additionally, several possible excavation features were found throughout the site and may indicate past trenching operations or changes in fill material.

Heightened EM31 quadrature phase and in-phase (Figures 2d and 2e) values were observed in the southwestern portion of the study area. Exploratory borings and trenching revealed burned materials within this zone of heightened values. Figures 2d and 2e present the northern and western limits of this feature as "Potential Limits of Burned Materials." The southern and eastern limits were not defined in our evaluation. It should be noted that the EM31 quadrature and in-phase data correlates with the exploratory boring and trenching findings; however, the exact cause and nature of this feature is not known.

Additionally, elevated EM31 quadrature and in-phase values were observed in the northwestern portion of the study area (Figures 2d and 2e). Exploratory trenching revealed heightened levels of soil saturation in comparison to other areas explored by borings and trenching at the project site. It is possible that the heightened EM31 quadrature and in-phase values are due to changes in soil saturation; however, the exact cause and nature of this feature is not known. It should be noted that background values in this area were so amplified that a lower instrument sensitivity was required to collect this portion of the study area. The lower sensitivity setting only effects the quadrature phase data; thus, the in-phase values were at their upper limit during collection. It should be noted that there are other areas of heightened values in the western portion of the study area. These areas may be due to surficial features, utility lines, changes in soil saturation, burn material, or other various subsurface debris.

Several unidentified lines were also found in the EM61, MAG, and EM31 datasets. The origin of these lines is not known; however, after review of historic aerials, it appears that several of these lines correlate with past roadways, houses, and other historic facilities. Exploratory trenching was conducted over a number these features and revealed abandoned cast iron pipes.

Additionally, the presence of a storm drain line was evaluated in the northwest portion of the site and is labeled "Potential Storm Drain Line" in Figures 2a through 2e. Due to there being no manholes, grates, or drains in the vicinity of the site, the type of line could not be identified. Several other utilities were found at the project site including water, electric, communication, sewer, and

storm drain lines within the study areas. The findings of our evaluation were marked on the ground surface with paint, mapped, and reported to you at the completion of the survey.

It should be noted that limited instrumentation was utilized in the northwest corner of the study area. This was due to the focus being the delineation of a potential storm drain line. EM31 and line tracer in direct connect, passive, and induction modes were used in this area. Additionally, MAG data is not displayed northeast of the arena due to poor data quality. After discussion with you and your office, recollection of MAG data was decided to not be necessary; thus, was not recollected.

5.2 Dixieline Lumber

Figure 3a displays the surficial and detected subsurface features (fences, underground utilities, etc.) within the Dixieline Lumber area evaluated as part of this study. It should be noted that only EM61 data was collected in this portion of the study and is displayed in Figure 3b. The EM61 color schemes have warm colors (red/pink) representing higher values and the cool (blue) colors representing lower values.

No significant EM61 anomalies were found at the Dixieline Lumber site; however, two relatively large possible excavation features were delineated with GPR. The exact cause and nature of these features are not known; however, these features may be associated with the removal of USTs or other subsurface infrastructure at the site. Three electric lines were also delineated across the study area and a water riser was found in the northern extent. This feature is likely PVC or transite due to the lack of an EM response.

To further assess the features described above, we recommend that more direct methods be used. Such methods may include the excavation of exploratory trenches, test pits, and/or borings. Additionally, more geophysical data collection could help define the areal extent and vertical extent of these detected features. Our study utilized industry-standard equipment (i.e., GPR, electromagnetic, and magnetic instruments), and was conducted in general accordance with current practice. It should be noted that the presence of existing structures and surface objects (i.e., metal guard rails, K-rails, fences, etc.) may have potentially limited the study. Where obstructions were present, subsurface data could not be collected. Moreover, EM/magnetic responses produced by metal surface objects, reinforced concrete, and underground lines can potentially obscure subsurface features. Radar penetration at the site was approximately 1 feet to 2 feet below the ground surface; therefore, objects below this depth would not have been detected with GPR. Figure 3 presents the general site conditions and results of our evaluation.

6. LIMITATIONS

The field evaluation and geophysical analyses presented in this report have been conducted in general accordance with current practice and the standard of care exercised by consultants performing similar tasks in the project area. No warranty, express or implied, is made regarding the conclusions and opinions presented in this report. There is no evaluation detailed enough to

reveal every subsurface condition. Variations may exist, and conditions not observed or described in this report may be present. Uncertainties relative to subsurface conditions can be reduced through additional subsurface exploration and evaluation. Additional subsurface evaluations can be performed upon request.

Please also note that our evaluation was limited to the detection of underground storage tanks, burn pits, obstructions, structures, and/or backfilled excavations associated with the removal or burial of these features, as well as the presence of detectable underground lines. “USA” or “Dig Alert” should also be contacted prior to conducting subsurface exploration activities. In addition, we recommend that available utility plans/drawings of the project site be reviewed as appropriate.

This document is intended to be used only in its entirety. No portion of the document, by itself, is designed to completely represent any aspect of the project described herein. Atlas should be contacted if the reader requires additional information or has questions regarding the content, interpretations presented, or completeness of this document. This report is intended exclusively for use by the client. Any use or reuse of this report by parties other than the client is undertaken at said parties’ sole risk.

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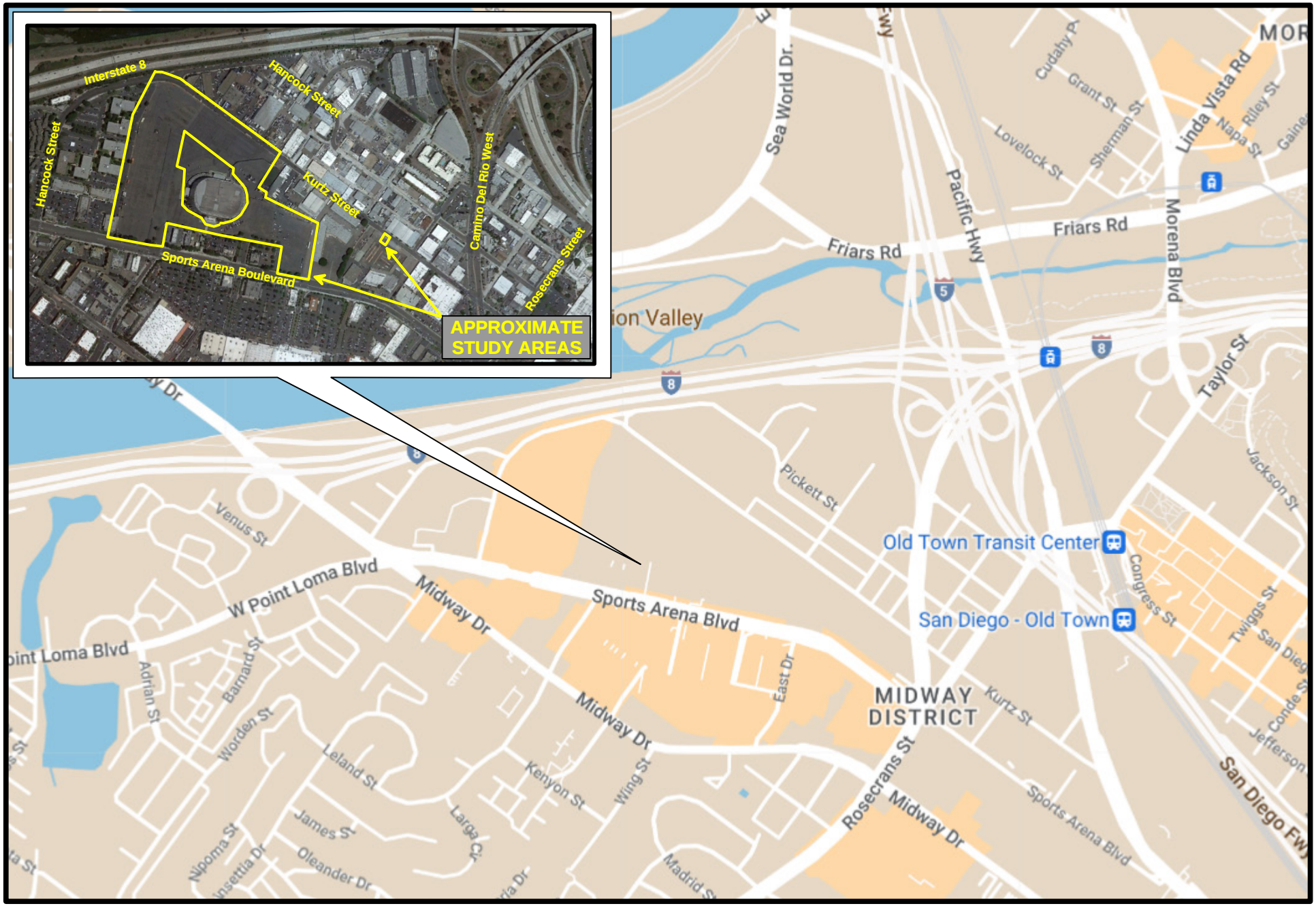


SITE LOCATION MAP	N	San Diego Sports Arena San Diego, California Project No.: 8823 Date: 06/24	ATLAS Figure 1

SITE MAP

N

San Diego Sports Arena
San Diego, California

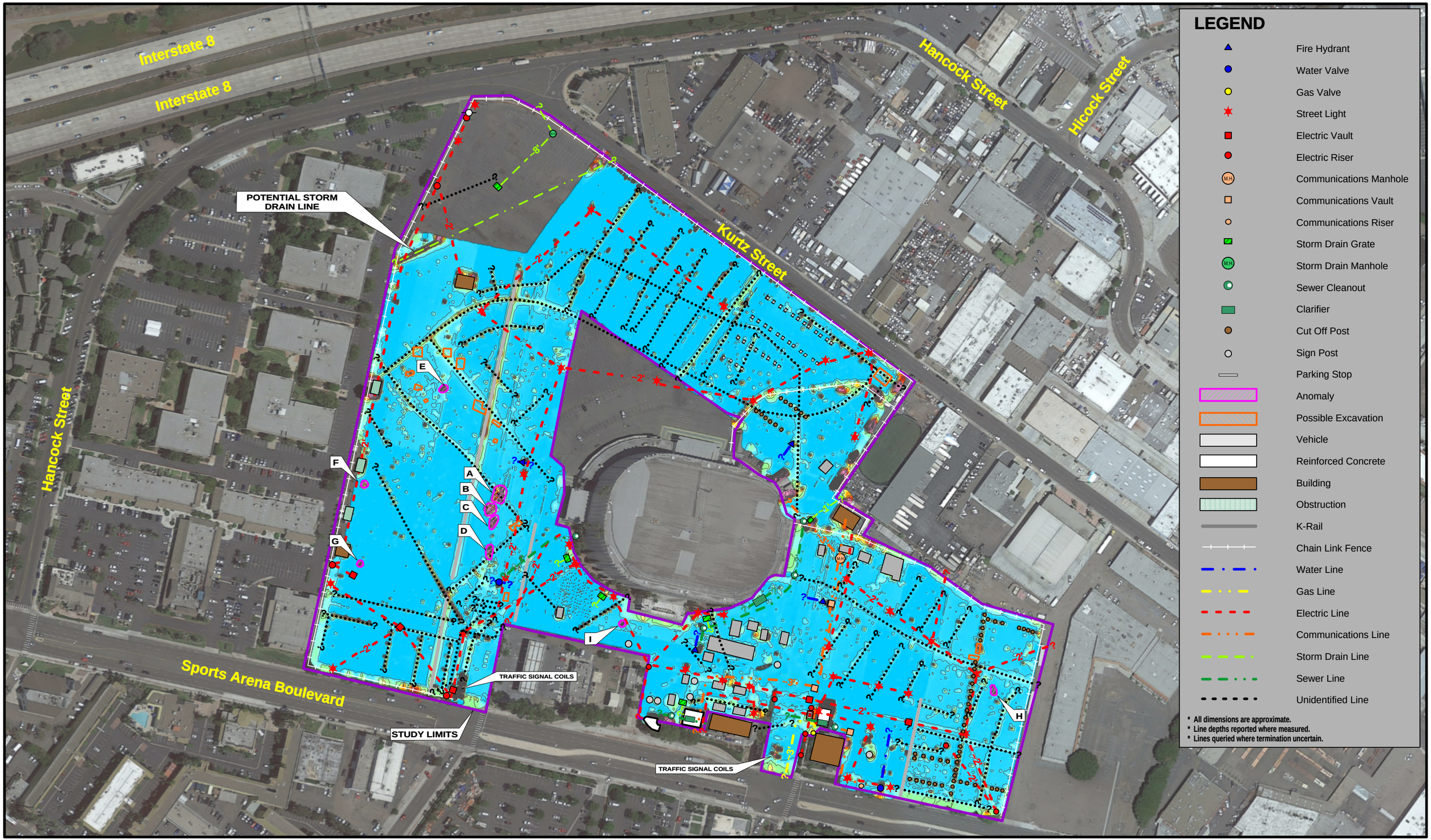
Project No.: 8823 | Date: 06/24

ATLAS

Figure 2a

0 200 400 600 800

approximate scale in feet



SITE DATA MAP
EM61 DATA

N

San Diego Sports Arena
San Diego, California

Project No.: 8823 | Date: 06/24

ATLAS

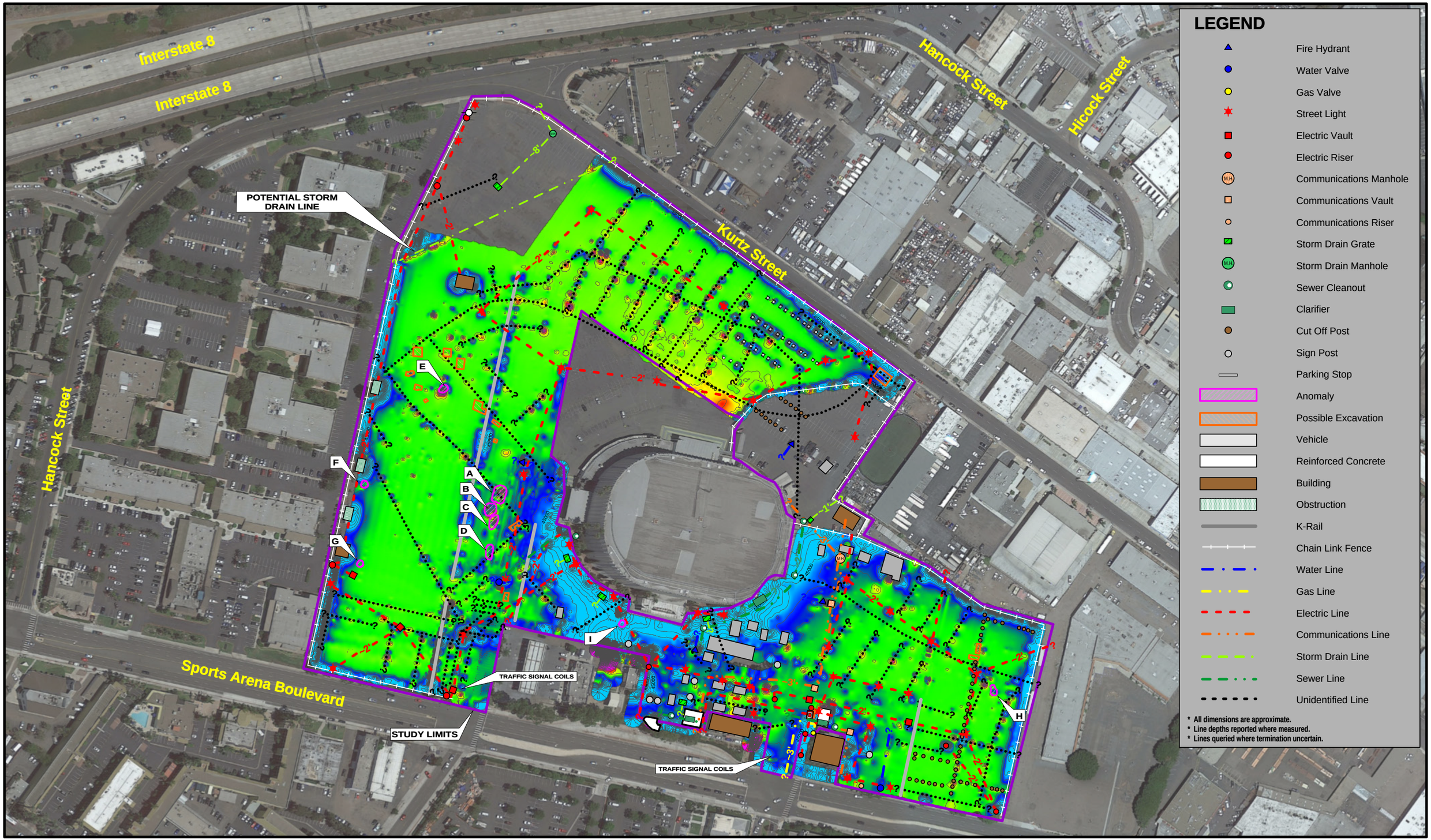
Figure 2b

EM61 Data in mVolts CI = 100 mVolts

0 100 200 300 400 500

0 200 400 600 800

approximate scale in feet



SITE DATA MAP
MAG DATA

N

San Diego Sports Arena
San Diego, California

Project No.: 8823 | Date: 06/24

ATLAS

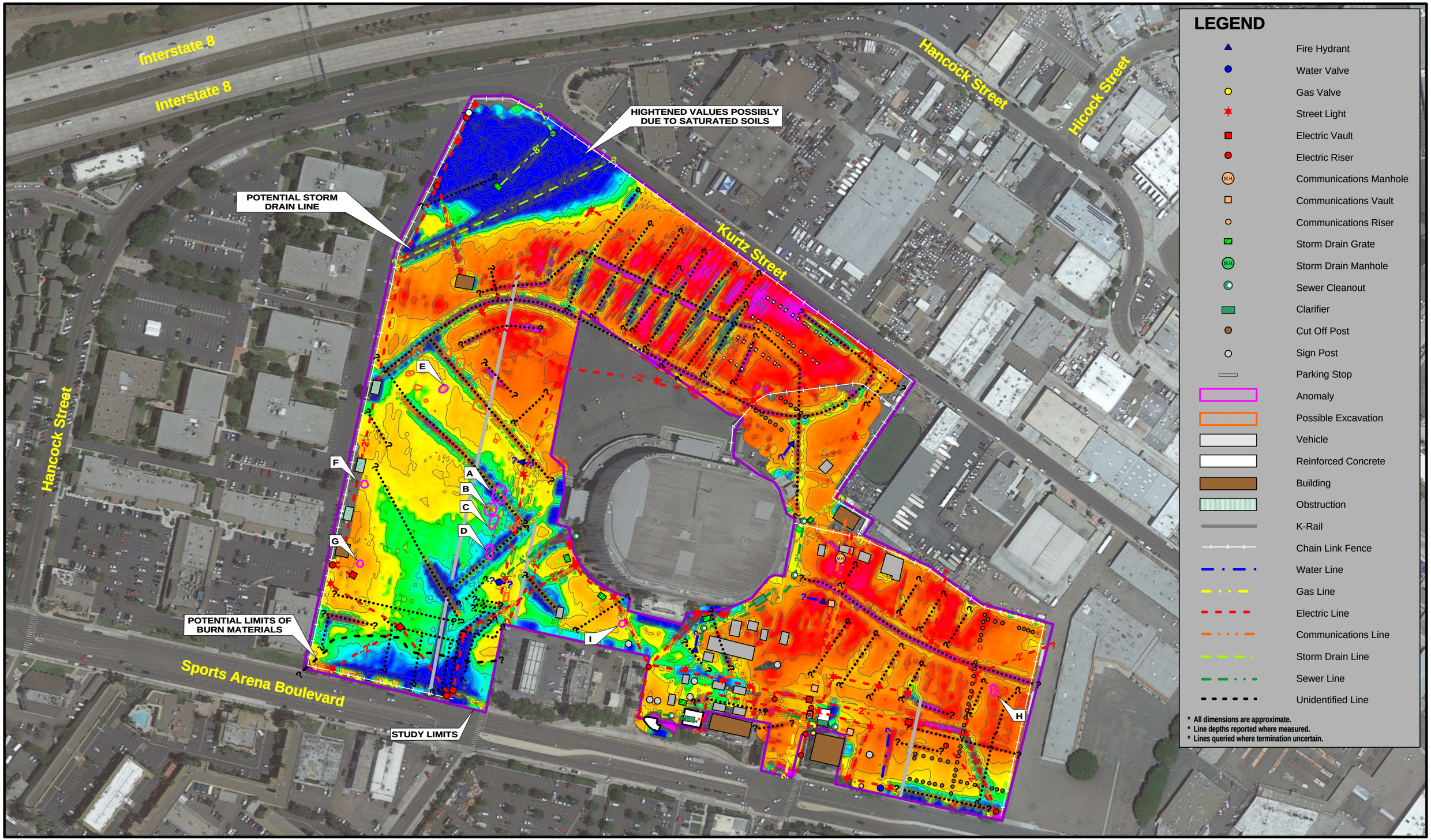
Figure 2c

MAG Data in gammas CI = 200 gammas

45000 45250 45500 45750 46000 46250 46500

0 200 400 600 800

approximate scale in feet



SITE DATA MAP
EM31 QUADRATURE PHASE DATA

N

San Diego Sports Arena
San Diego, California

Project No.: 8823 | Date: 06/24

ATLAS

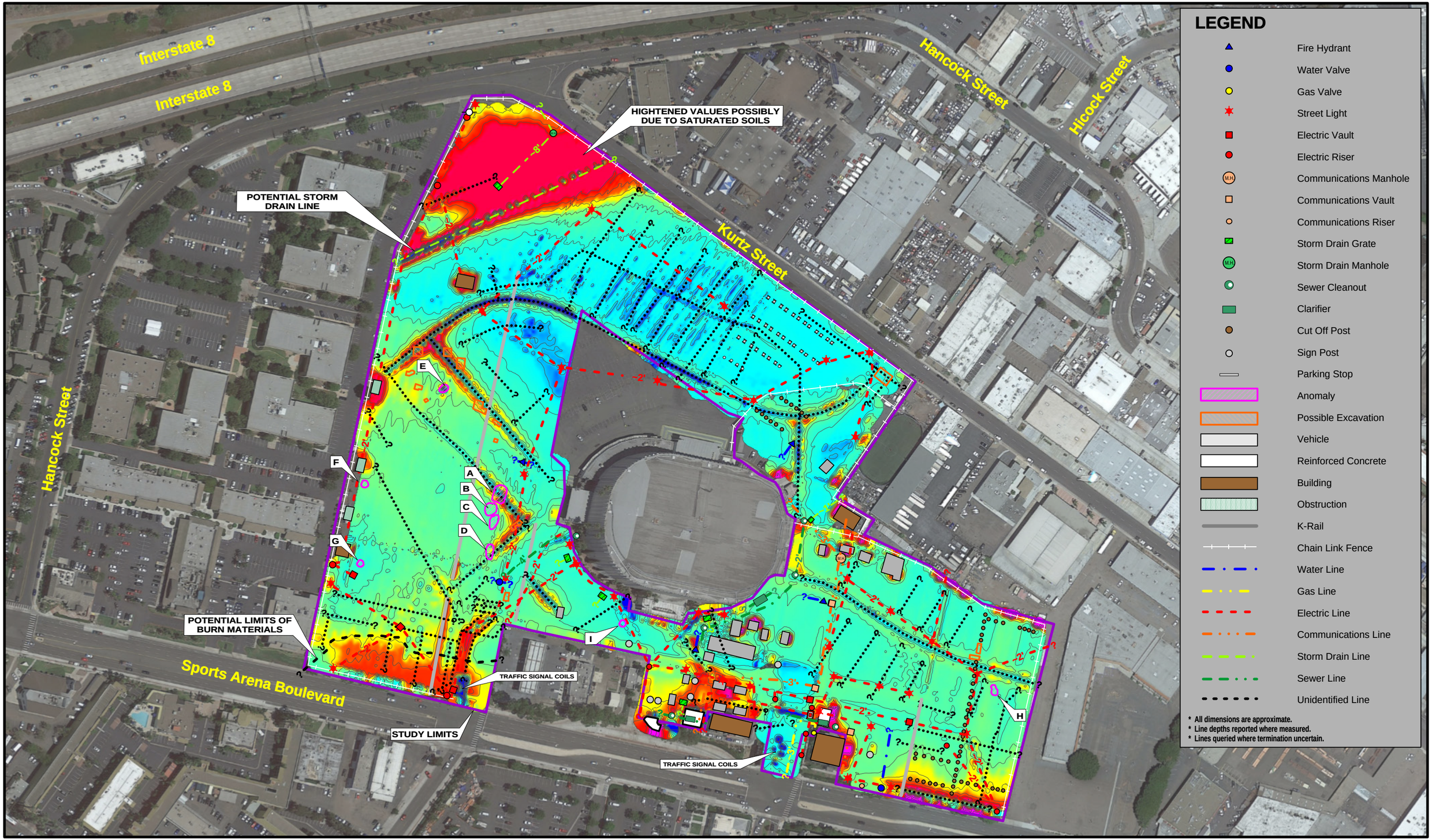
Figure 2d

EM31 Quadrature Phase Data in mMhos/m CI = 15 mMhos/m

55 65 75 85 95 105 115 125 135 145 155

0 200 400 600 800

approximate scale in feet



SITE DATA MAP
EM31 IN-PHASE DATA

N

San Diego Sports Arena
San Diego, California

Project No.: 8823 | Date: 06/24

ATLAS

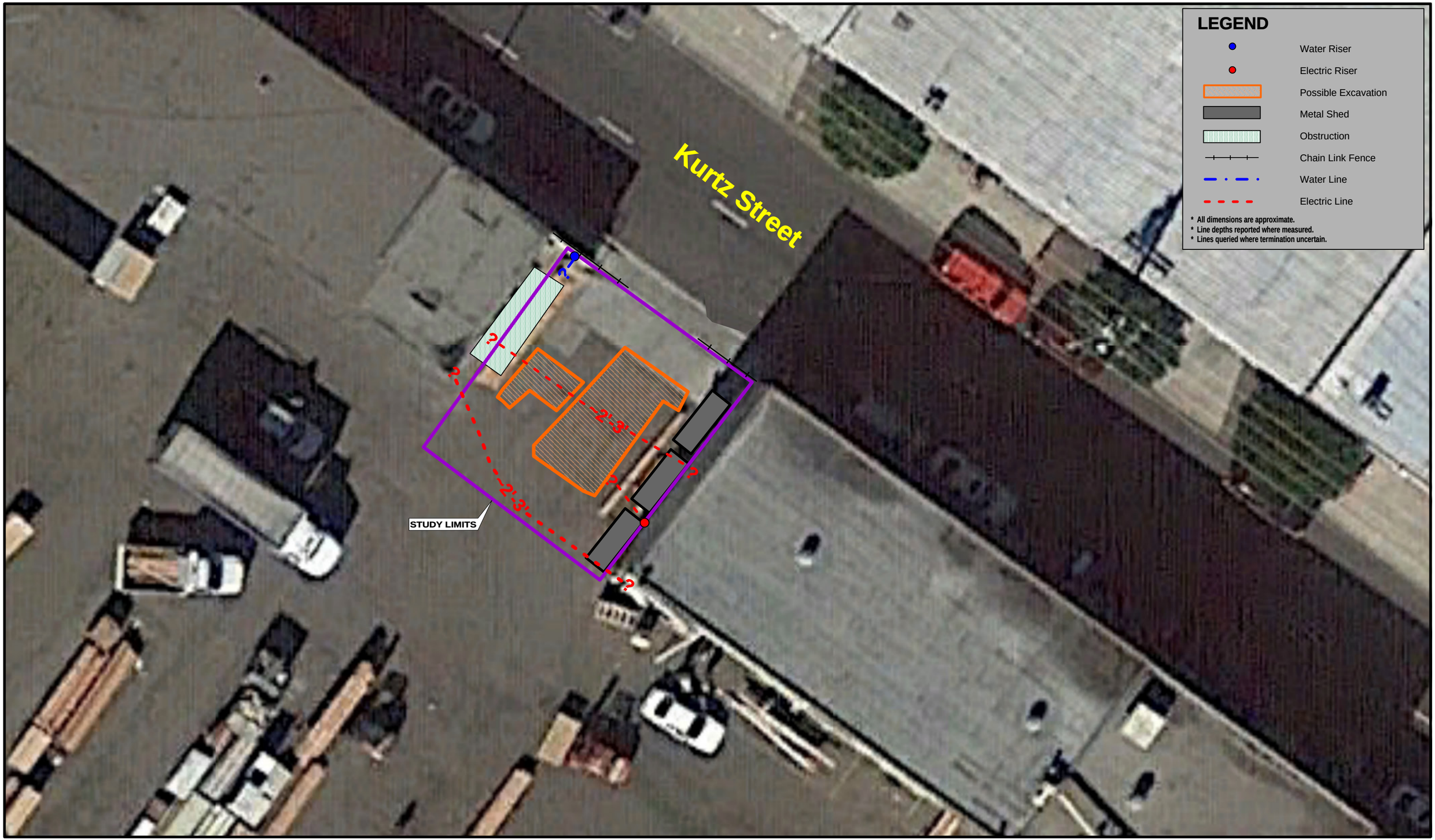
Figure 2e

EM31 In-Phase Data in ppt CI = 4 ppt

-8 -4 0 4 8 12 16 20 24

0 200 400 600 800

approximate scale in feet



SITE MAP

N

San Diego Sports Arena
San Diego, California

Project No.: 8823 | Date: 06/24

ATLAS

Figure 3a

0 15 30 45 60

approximate scale in feet

SITE DATA MAP
EM61 DATA

N

San Diego Sports Arena
San Diego, California

Project No.: 8823 | Date: 06/24

ATLAS

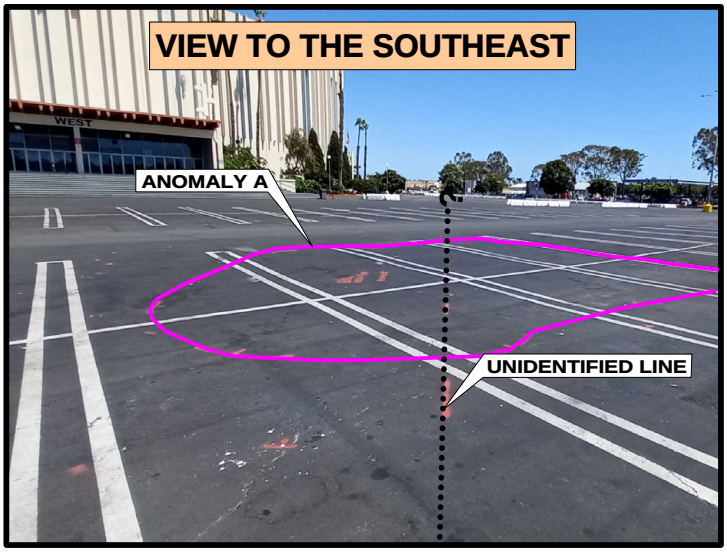
Figure 3b

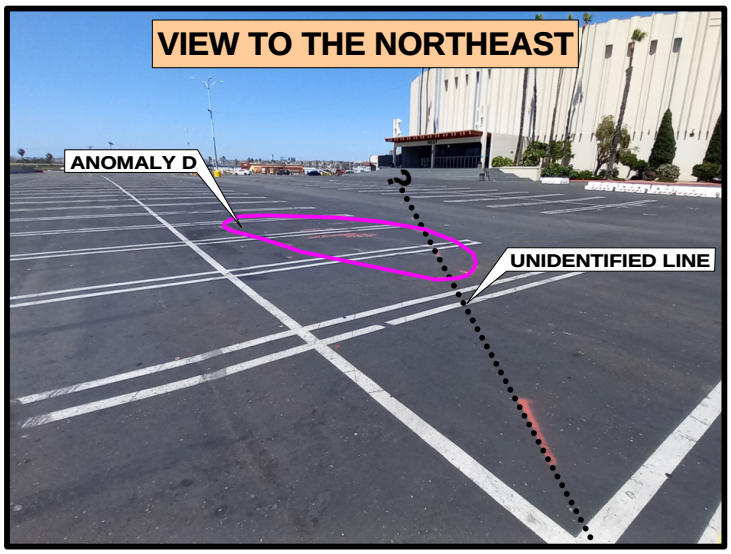
EM61 Data in mVolts CI = 100 mVolts

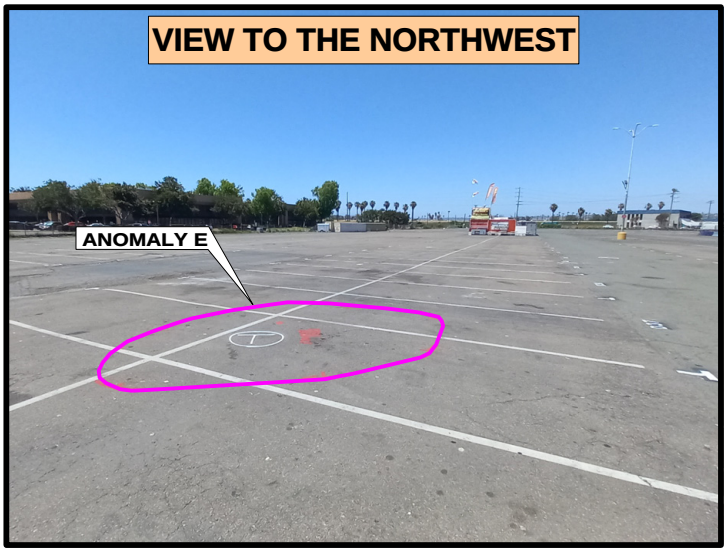
0 | 100 | 200 | 300 | 400 | 500

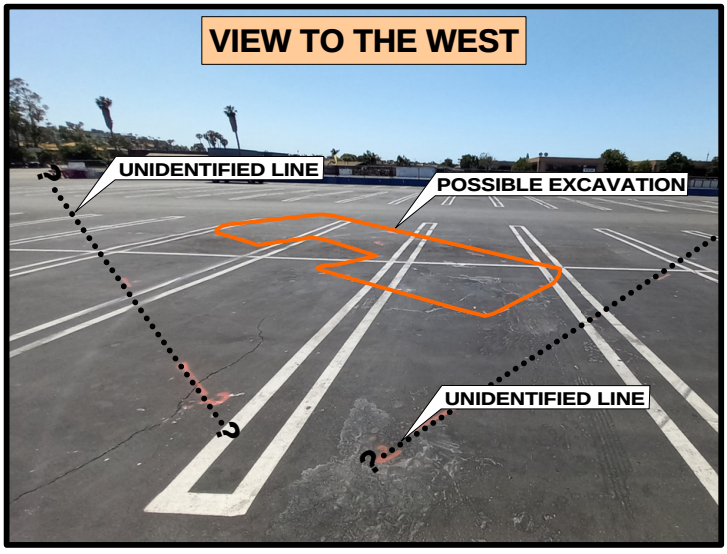
0 | 15 | 30 | 45 | 60

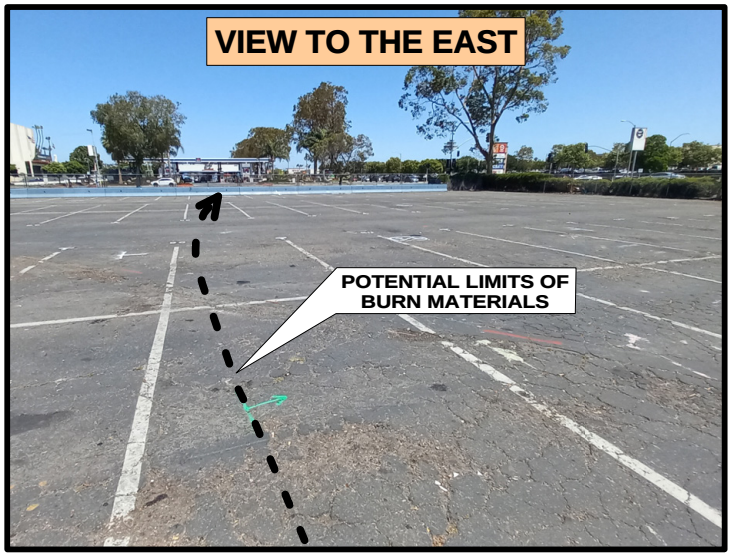
approximate scale in feet



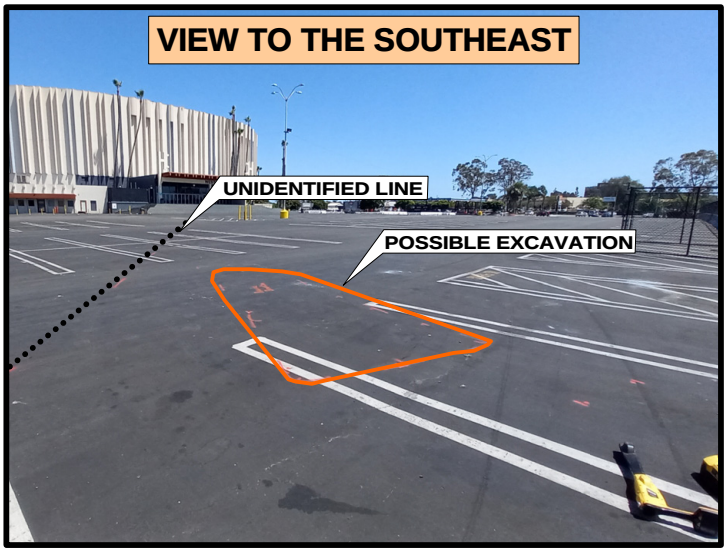


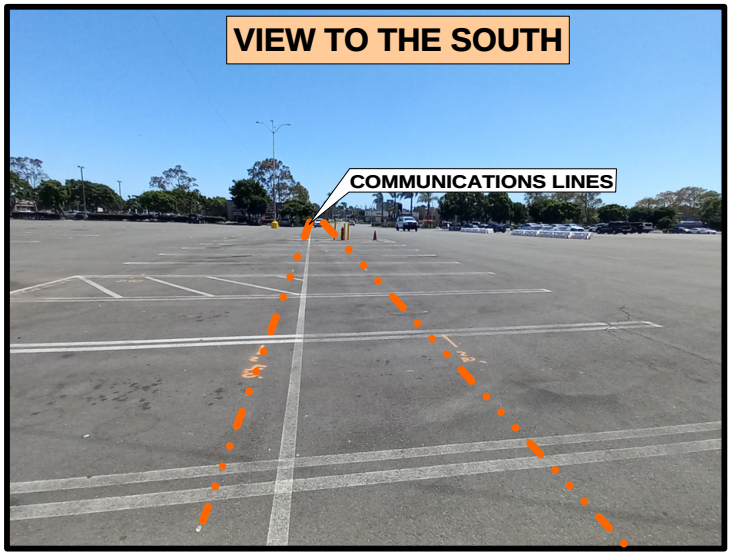


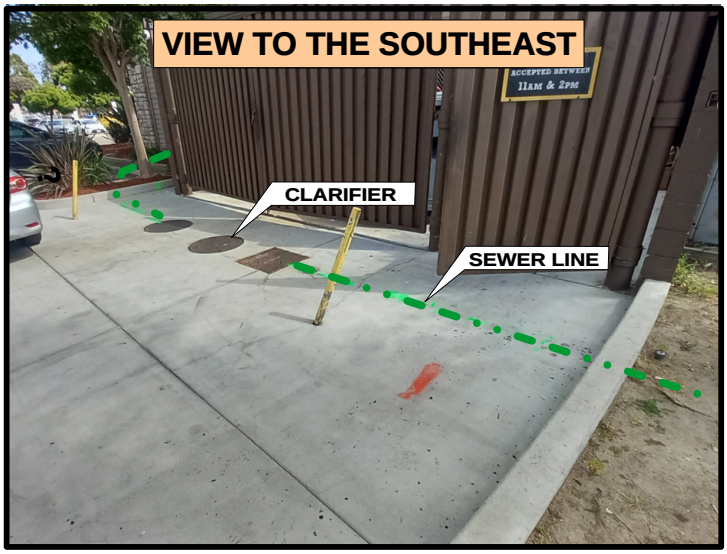




SITE PHOTOGRAPHS	San Diego Sports Arena San Diego, California	ATLAS Figure 4a
	Project No.: 8823	Date: 06/24







SITE PHOTOGRAPHS	San Diego Sports Arena San Diego, California	ATLAS Figure 4b
	Project No.: 8823 | Date: 06/24	

APPENDIX B

Boring and Trench Logs

SCS ENGINEERS

BOREHOLE LOG

Number: SB-UST-24-1

8799 Balboa Avenue, Suite 290
San Diego, California 92123-1568

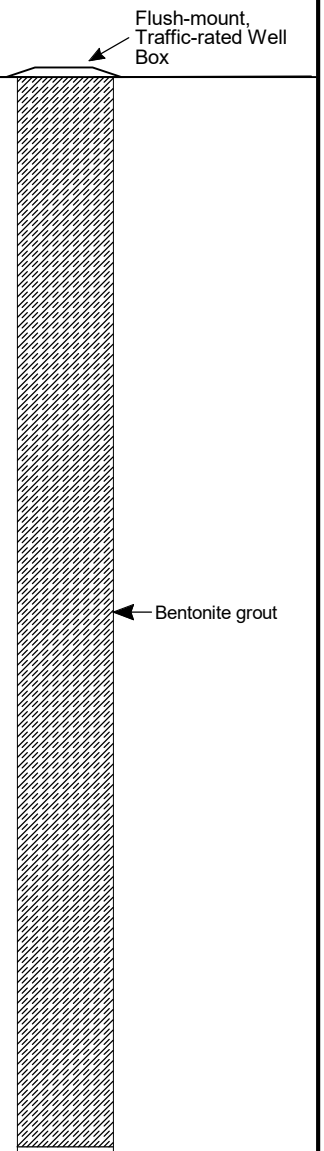
Client: Midway Rising
Job No: 213320.07
Sheet: 1 of 1

Logged by: Jennifer Bauer Morton
Location: Sports Arena Blvd, San Diego, CA
Drilling Company:

Date Drilled:	Date Drafted:	Drilling / Sampling Method	Borehole Dia.:	Total Depth:	Backfill Quantity:
8/21/24	8/28/24	/	2"	12.0	.

Depth (feet)	Sample Interval	Sample Number	PID (ppm)	Lab Results gas/diesel/oil (mg/kg)	USCS Soil Class.	Graphic Log	Description (Formation, soil type, grain, minor soil component, moisture, density, odor, etc.)
0							
3					SM		
4		SB-UST-24-1-4'					Light olive brown (2.5Y 5/4), fine- to medium-grained silty SAND, moist.
6		SB-UST-24-1-6'					Dark olive brown (2.5Y 3/3), sandy SILT, micaceous, moist.
7		SB-UST-24-1-7'					Becomes olive brown (2.5Y 4/3).
8					ML		
9		SB-UST-24-1-9'					Faint hydrocarbon odor, wet, staining.
10		SB-UST-24-1-10'					Dark grayish-brown (2.5Y 4/2), fine-grained silty SAND, wet, hydrocarbon odor.
11					SM		
13							Boring terminated at 13 feet below grade.

Completion Detail



Logged By: Jennifer Bauer Morton Title: Project Manager Date: 8/21/24

Reviewed By: Charles Houser License No: CHg 945 Date: 8/28/24

SD BORING TPH LOG 01213320.07 BORING LOGS.GPJ GINT STD US.GDT 8/28/24

SCS ENGINEERS

WELL LOG

Number: SB-UST-24-2

8799 Balboa Avenue, Suite 290
San Diego, California 92123-1568

Client: Midway Rising
Job No: 213320.07
Sheet: 1 of 1

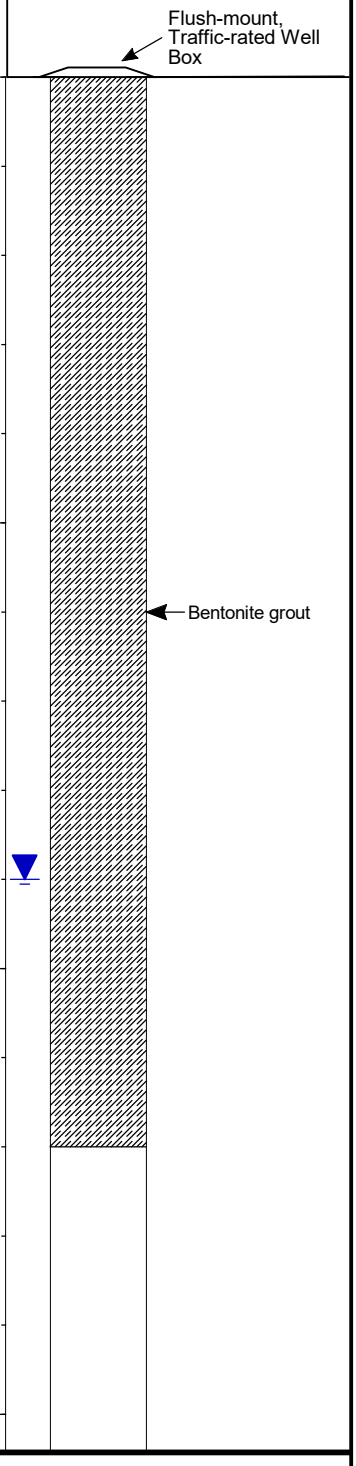
SCS Representative: Jennifer Bauer Morton
Location: Sports Arena Blvd, San Diego, CA
Drilling Company:

Date Drilled: 8/21/24
Date Drafted: 8/28/24
Drilling / Sampling Method: /

Lat.: | **Long:** | **Elev:**
Borehole Dia.: | **Casing Dia:** 2" | **Total Depth:** 12.0

Depth (feet)	Sample Interval	Sample Number	PID (ppm)	Lab Results gas/diesel/oil (mg/kg)	USCS Soil Class.	Graphic Log	Description (Formation, soil type, grain, minor soil component, moisture, density, odor, etc.)
0							
1							
2							
3					SM		
4		SB-UST-24-2-4'					Light olive brown (2.5Y 5/4), fine- to medium-grained silty SAND, moist.
5							
6		SB-UST-24-2-6'					Olive brown (2.5Y 4/4), fine-grained sandy SILT, moist, micaceous.
7		SB-UST-24-2-7'					Becomes very dark gray (2.5Y 3/1), clayey SILT.
8							
9		SB-UST-24-2-9'			ML		Becomes very dark grayish-brown (2.5Y 3/2), sandy SILT, fine-grained, wet. Groundwater encountered at approximately 9 feet below grade.
10		SB-UST-24-2-10'					Possible staining, hydrocarbon odor.
11		SB-UST-24-2-11'					Same as above.
12							Boring terminated at 12 feet below grade.
13							
14							
15							

Completion Detail



Logged By: Jennifer Bauer Morton | Title: Project Manager | Date: 8/21/24

Reviewed By: Charles Houser | License No: CHg 945 | Date: 8/28/24

SD BORING TPH LOG 01213320.07 BORING LOGS.GPJ GINT STD US.GDT 8/28/24

SCS ENGINEERS

WELL LOG

Number: SB-UST-24-3

8799 Balboa Avenue, Suite 290
San Diego, California 92123-1568

Client: Midway Rising

Job No: 213320.07

Sheet: 1 of 1

SCS Representative: Chuck Houser

Location: Sports Arena Blvd
San Diego, CA

Drilling Company:

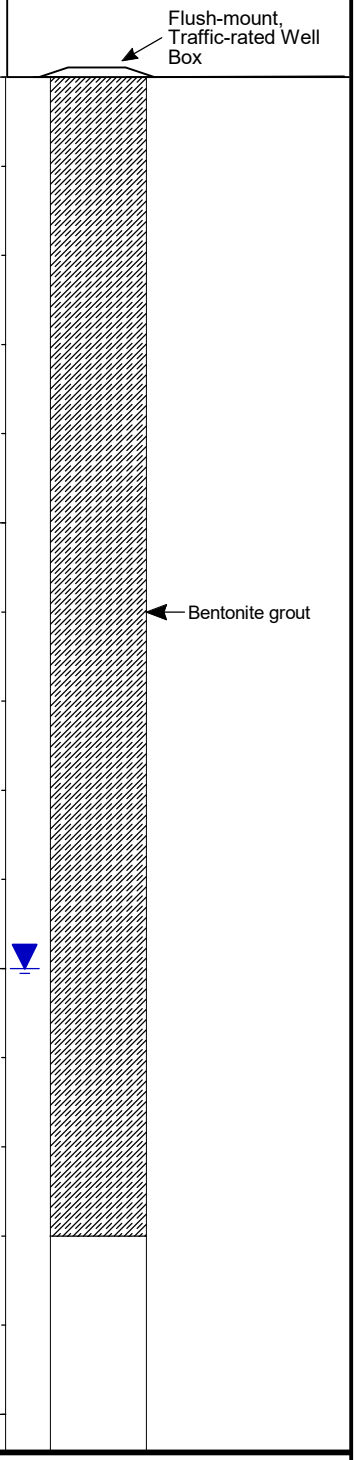
Lat.: | Long: | Elev:

Date Drilled: 8/21/24 | Date Drafted: 8/28/24 | Drilling / Sampling Method: /

Borehole Dia.: | Casing Dia: 2" | Total Depth: 13.0

Depth (feet)	Sample Interval	Sample Number	PID (ppm)	Lab Results gas/diesel/oil (mg/kg)	USCS Soil Class.	Graphic Log	Description (Formation, soil type, grain, minor soil component, moisture, density, odor, etc.)
0					SM		Dark yellowish-brown (10R 4/4), silty, fine- to medium-grained SAND.
5		SB-UST-24-3-5'					
7		SB-UST-24-3-7'					Very dark gray (2.5Y 3/1), fine-grained sandy micaceous SILT, very moist.
10		SB-UST-24-3-10'			ML		Very dark grayish-brown (2.5Y 3/2), micaceous SILT, trace fine-grained sand, wet. Groundwater encountered at approximately 10 feet below grade.
13		SB-UST-24-3-13'					Mottled dark grayish-brown (2.5Y 4/2) and very dark gray (2.5Y 3/1), micaceous silt, very moist. Boring terminated at 13 feet below grade.

Completion Detail



Logged By: Chuck Houser | Title: Project Manager | Date: 8/21/24

Reviewed By: Charles Houser | License No: CHg 945 | Date: 8/28/24

SD BORING TPH LOG 01213320.07 BORING LOGS.GPJ GINT STD US.GDT 8/28/24

SCS ENGINEERS

BOREHOLE LOG

Number: SG-SB-24-1

8799 Balboa Avenue, Suite 290
San Diego, California 92123-1568

Client: Midway Rising
Job No: 213320.07
Sheet: 1 of 1

Logged by: Chuck Houser
Location: Sports Arena Blvd, San Diego, CA
Drilling Company:

Date Drilled:	Date Drafted:	Drilling / Sampling Method	Borehole Dia.:	Total Depth:	Backfill Quantity:
8/21/24	9/13/24	/	2"	9.0	.

Depth (feet)	Sample Interval	Sample Number	PID (ppm)	Lab Results gas/diesel/oil (mg/kg)	USCS Soil Class.	Graphic Log	Description (Formation, soil type, grain, minor soil component, moisture, density, odor, etc.)	Completion Detail
0								
1							FILL	
2		SG-SB-24-2'						
3		SG-SB-24-3'			SM		Brown (10YR 4/3), silty, fine- to medium-grained SAND, slightly moist.	
4		SG-SB-24-4'						
5		SG-SB-24-5'					Yellowish-brown (10YR 5/4), silty, fine- to medium-grained SAND.	Bentonite grout
6								
7		SG-SB-24-7'			SM			
8								
9		SG-SB-24-9'					**BAY/TIDAL FLAT DEPOSITS** Very dark grayish-brown (10YR 3/2), silty, fine-grained SAND/fine-grained sandy silt, micaceous.	
							Boring terminated at 9 feet below grade.	
10								

Logged By: Chuck Houser Title: Project Manager Date: 8/21/24

Reviewed By: Charles Houser License No: CHg 945 Date: 9/11/24

SD BORING TPH LOG 01213320.07 BORING LOGS.GPJ GINT STD US.GDT 9/13/24

SCS ENGINEERS

BOREHOLE LOG

Number: SG-SB-24-2

8799 Balboa Avenue, Suite 290
San Diego, California 92123-1568

Client: Midway Rising

Job No: 213320.07

Sheet: 1 of 1

Logged by: Chuck Houser

Location: Sports Arena Blvd
San Diego, CA

Drilling Company:

Date Drilled:	Date Drafted:	Drilling / Sampling Method	Borehole Dia.:	Total Depth:	Backfill Quantity:
8/21/24	9/13/24	/	2"	9.0	.

Depth (feet)	Sample Interval	Sample Number	PID (ppm)	Lab Results gas/diesel/oil (mg/kg)	USCS Soil Class.	Graphic Log	Description (Formation, soil type, grain, minor soil component, moisture, density, odor, etc.)	Completion Detail
0								
1							FILL	
2		SG-SB-24-2-2'			SM		Yellowish-brown (10YR 5/4), silty, fine-grained SAND.	
3		SG-SB-24-2-3'						
4								
5		SG-SB-24-2-5'					**BAY/TIDAL FLAT DEPOSITS** Dark grayish-brown (10YR 4/2), silty, fine- to medium-grained SAND.	Bentonite grout
6		SG-SB-24-2-6'			SM			
7								
8		SG-SB-24-2-8'						
9							Boring terminated at 9 feet below grade.	
10								

Logged By: Chuck Houser Title: Project Manager Date: 8/21/24

Reviewed By: Charles Houser License No: CHg 945 Date: 9/11/24

SD BORING TPH LOG 01213320.07 BORING LOGS.GPJ GINT STD US.GDT 9/13/24

SCS ENGINEERS

BOREHOLE LOG

Number: SG-SB-24-3

8799 Balboa Avenue, Suite 290
San Diego, California 92123-1568

Client: Midway Rising

Job No: 213320.07

Sheet: 1 of 1

Logged by: Chuck Houser

Location: Sports Arena Blvd
San Diego, CA

Drilling Company:

Date Drilled:	Date Drafted:	Drilling / Sampling Method	Borehole Dia.:	Total Depth:	Backfill Quantity:
8/21/24	9/13/24	/	2"	9.0	.

Depth	Sample Information					Graphic Log	Description	Completion Detail
feet	Sample Interval	Sample Number	PID (ppm)	Lab Results gas/diesel/oil (mg/kg)	USCS Soil Class.		Formation, soil type, grain, minor soil component, moisture, density, odor, etc.	
0								
1							FILL	
2		SG-SB-24-3-2'					Light yellowish-brown (10YR 6/4) and grayish-brown (10YR 5/2), silty/clayey, fine- to medium-grained SAND.	
3		SG-SB-24-3-3'					Yellowish-brown (10YR 5/4), silty, fine-grained SAND.	
4		SG-SB-24-3-4'						
5		SG-SB-24-3-5'			SM			Bentonite grout
6		SG-SB-24-6-6'					Dark grayish-brown (10R 4/2), silty, fine- to medium-grained SAND.	
7		SG-SB-24-3-7'						
8							Dark gray (10YR 4/1), micaceous SILT, moist.	
							Boring terminated at 8 feet below grade.	
9								
10								

Logged By: Chuck Houser Title: Project Manager Date: 8/21/24

Reviewed By: Charles Houser License No: CHg 945 Date: 9/11/24

SD BORING TPH LOG 01213320.07 BORING LOGS.GPJ GINT STD US.GDT 9/13/24

SCS ENGINEERS

BOREHOLE LOG

Number: T33

8799 Balboa Avenue, Suite 290
San Diego, California 92123-1568

Client: Midway Rising

Job No: 213320.07

Sheet: 1 of 1

Logged by: Chuck Houser

Location: Sports Arena Blvd
San Diego, CA

Drilling Company:

Date Drilled:	Date Drafted:	Drilling / Sampling Method	Borehole Dia.:	Total Depth:	Backfill Quantity:
5/7/24	9/13/24	/	2"	7.0	.

Depth	Sample Information					Graphic Log	Description	Completion Detail
feet	Sample Interval	Sample Number	PID (ppm)	Lab Results gas/diesel/oil (mg/kg)	USCS Soil Class.		Formation, soil type, grain, minor soil component, moisture, density, odor, etc.	
0								0
1		T33-1					Yellowish-brown (10YR 5/4), silty, fine- to medium-grained SAND, damp.	
2								
3					SM			Bentonite grout
4								
5		T33-5					Dark grayish-brown (10YR 4/2), silty, fine- to medium-grained SAND, damp.	5
6		T33-6.5					Black (2.5YR 5/1) finel-grained sandy silt, moist-wet.	
7							Boring terminated at 7 feet below grade.	
8								
9								
10								10

Logged By: Chuck Houser Title: Project Manager Date: 5/7/24

Reviewed By: Charles Houser License No: CHg 945 Date: 9/11/24

SD BORING TPH LOG 01213320.07 BORING LOGS.GPJ GINT STD US.GDT 9/13/24

SCS ENGINEERS

BOREHOLE LOG

Number: T34

8799 Balboa Avenue, Suite 290
San Diego, California 92123-1568

Client: Midway Rising

Job No: 213320.07

Sheet: 1 of 1

Logged by: Chuck Houser

Location: Sports Arena Blvd
San Diego, CA

Drilling Company:

Date Drilled:	Date Drafted:	Drilling / Sampling Method	Borehole Dia.:	Total Depth:	Backfill Quantity:
5/7/24	9/13/24	/	2"	6.0	.

Depth (feet)	Sample Interval	Sample Number	PID (ppm)	Lab Results gas/diesel/oil (mg/kg)	USCS Soil Class.	Graphic Log	Description (Formation, soil type, grain, minor soil component, moisture, density, odor, etc.)	Completion Detail
0								0
1		T34-1					Yellowish-brown (10YR 5/4), silty, fine- to medium-grained SAND, damp.	
2								
3					SM			Bentonite grout
4								
5		T34-5					Dark brown (10YR 3/3), silty, fine-grained SAND, damp.	5
6		T34-6					Dark grayish-brown (10YR 4/2), silty, fine- to medium-grained SAND, damp-moist. Boring terminated at 6 feet below grade.	
7								
8								
9								
10								10

Logged By: Chuck Houser Title: Project Manager Date: 5/7/24

Reviewed By: Charles Houser License No: CHg 945 Date: 9/11/24

SD BORING TPH LOG 01213320.07 BORING LOGS.GPJ GINT STD US.GDT 9/13/24

SCS ENGINEERS

BOREHOLE LOG

Number: T35

8799 Balboa Avenue, Suite 290
San Diego, California 92123-1568

Client: Midway Rising

Job No: 213320.07

Sheet: 1 of 1

Logged by: Chuck Houser

Location: Sports Arena Blvd
San Diego, CA

Drilling Company:

Date Drilled:	Date Drafted:	Drilling / Sampling Method	Borehole Dia.:	Total Depth:	Backfill Quantity:
5/7/24	9/13/24	/	2"	6.0	.

Depth	Sample Information					Graphic Log	Description	Completion Detail
feet	Sample Interval	Sample Number	PID (ppm)	Lab Results gas/diesel/oil (mg/kg)	USCS Soil Class.		Formation, soil type, grain, minor soil component, moisture, density, odor, etc.	
0								0
1		T35-1					Light yellowish-brown (10YR 6/4), silty, fine- to coarse-grained SAND, damp.	
2		T35-2						
3					SM		Very dark grayish-brown (10YR 3/2), silty, fine-grained SAND, damp.	Bentonite grout
4								
5								5
							Concrete slab encountered at 5.5 feet below grade.	
6		T35-6					Same as above with cobbles.	
							Boring terminated at 6 feet below grade.	
7								
8								
9								
10								10

Logged By: Chuck Houser Title: Project Manager Date: 5/7/24

Reviewed By: Charles Houser License No: CHg 945 Date: 9/11/24

SD BORING TPH LOG 01213320.07 BORING LOGS.GPJ GINT STD US.GDT 9/13/24

SCS ENGINEERS

BOREHOLE LOG

Number: T36

8799 Balboa Avenue, Suite 290
San Diego, California 92123-1568

Client: Midway Rising

Job No: 213320.07

Sheet: 1 of 1

Logged by: Chuck Houser

Location: Sports Arena Blvd
San Diego, CA

Drilling Company:

Date Drilled:	Date Drafted:	Drilling / Sampling Method	Borehole Dia.:	Total Depth:	Backfill Quantity:
5/7/24	9/13/24	/	2"	5.0	.

Depth	Sample Information					Graphic Log	Description	Completion Detail
feet	Sample Interval	Sample Number	PID (ppm)	Lab Results gas/diesel/oil (mg/kg)	USCS Soil Class.		Formation, soil type, grain, minor soil component, moisture, density, odor, etc.	
0								0
1		T36-1					Yellowish-brown (10YR 5/4), silty, fine- to medium-grained SAND, dry-damp.	
2					SM			← Bentonite grout
3								
4		T36-4					Brown (10YR 4/3), silty, fine-grained SAND, bay/beach deposits.	
5							Boring terminated at 5 feet below grade.	5
6								
7								
8								
9								
10								10

Logged By: Chuck Houser Title: Project Manager Date: 5/7/24

Reviewed By: Charles Houser License No: CHg 945 Date: 9/11/24

SD BORING TPH LOG 01213320.07 BORING LOGS.GPJ GINT STD US.GDT 9/13/24

SCS ENGINEERS

BOREHOLE LOG

Number: T37

8799 Balboa Avenue, Suite 290
San Diego, California 92123-1568

Client: Midway Rising

Job No: 213320.07

Sheet: 1 of 1

Logged by: Chuck Houser

Location: Sports Arena Blvd
San Diego, CA

Drilling Company:

Date Drilled:	Date Drafted:	Drilling / Sampling Method	Borehole Dia.:	Total Depth:	Backfill Quantity:
5/7/24	9/13/24	/	2"	6.0	.

Depth	Sample Information					Graphic Log	Description	Completion Detail
feet	Sample Interval	Sample Number	PID (ppm)	Lab Results gas/diesel/oil (mg/kg)	USCS Soil Class.		Formation, soil type, grain, minor soil component, moisture, density, odor, etc.	
0								0
1		T37-1					Light yellowish-brown (2.5Y 6/3), silty, fine- to coarse-grained SAND, dry-damp.	
2								
3		T37-3			SM		Yellowish-brown (10YR 5/4), silty, fine- to coarse-grained SAND with trace gravel, damp.	Bentonite grout
4							Burn ash.	
5		T37-5					Brown (10YR 4/3), silty, fine-grained SAND, damp.	5
6		T37-6					Grayish-brown (10YR 5/2), silty, fine- to medium-grained SAND, damp.	
7							Boring terminated at 6 feet below grade.	
8								
9								
10								10

Logged By: Chuck Houser Title: Project Manager Date: 5/7/24

Reviewed By: Charles Houser License No: CHg 945 Date: 9/11/24

SD BORING TPH LOG 01213320.07 BORING LOGS.GPJ GINT STD US.GDT 9/13/24

SCS ENGINEERS

BOREHOLE LOG

Number: T38

8799 Balboa Avenue, Suite 290
San Diego, California 92123-1568

Client: Midway Rising

Job No: 213320.07

Sheet: 1 of 1

Logged by: Chuck Houser

Location: Sports Arena Blvd
San Diego, CA

Drilling Company:

Date Drilled:	Date Drafted:	Drilling / Sampling Method	Borehole Dia.:	Total Depth:	Backfill Quantity:
5/7/24	9/13/24	/	2"	6.0	.

Depth	Sample Information					Graphic Log	Description	Completion Detail
feet	Sample Interval	Sample Number	PID (ppm)	Lab Results gas/diesel/oil (mg/kg)	USCS Soil Class.		Formation, soil type, grain, minor soil component, moisture, density, odor, etc.	
0								0
1		T36-1					Yellowish-brown (10YR 5/4)), silty/clayey, fine- to medium-grained SAND, damp.	
2		T36-2					Gray (2.5Y 6/1), silty, fine-grained SAND/sandy SILT, damp-moist.	
3		T36-3			SM		Yellowish-brown (10YR 5/4), silty, fine- to coarse-grained SAND with cobbles, damp-moist.	Bentonite grout
4								
5								5
6							Boring terminated at 6 feet below grade.	
7								
8								
9								
10								10

Logged By: Chuck Houser Title: Project Manager Date: 5/7/24

Reviewed By: Charles Houser License No: CHg 945 Date: 9/11/24

SD BORING TPH LOG 01213320.07 BORING LOGS.GPJ GINT STD US.GDT 9/13/24

SCS ENGINEERS

BOREHOLE LOG

Number: T39

8799 Balboa Avenue, Suite 290
San Diego, California 92123-1568

Client: Midway Rising

Job No: 213320.07

Sheet: 1 of 1

Logged by: Jennifer Bauer Morton

Location: Sports Arena Blvd
San Diego, CA

Drilling Company:

Date Drilled:	Date Drafted:	Drilling / Sampling Method	Borehole Dia.:	Total Depth:	Backfill Quantity:
5/8/24	9/13/24	/	2"	6.0	.

Depth (feet)	Sample Interval	Sample Number	PID (ppm)	Lab Results gas/diesel/oil (mg/kg)	USCS Soil Class.	Graphic Log	Description (Formation, soil type, grain, minor soil component, moisture, density, odor, etc.)	Completion Detail
0								
1		T39-1					Yellowish-brown, silty SAND, micaceous, moist, trace gravel.	
2		T39-2					Same as above but with cobbles and trace debris.	
3					SM			Bentonite grout
4		T39-4					Becomes gray at 4 feet below grade with no cobbles.	
5		T39-5						
6		T39-6					Boring terminated at 6 feet below grade.	
7								
8								
9								
10								

Logged By: Jennifer Bauer Morton Title: Project Manager Date: 5/8/24

Reviewed By: Charles Houser License No: CHg 945 Date: 9/11/24

SD BORING TPH LOG 01213320.07 BORING LOGS.GPJ GINT STD US.GDT 9/13/24

SCS ENGINEERS

BOREHOLE LOG

Number: T40

8799 Balboa Avenue, Suite 290
San Diego, California 92123-1568

Client: Midway Rising

Job No: 213320.07

Sheet: 1 of 1

Logged by: Jennifer Bauer Morton

Location: Sports Arena Blvd
San Diego, CA

Drilling Company:

Date Drilled:	Date Drafted:	Drilling / Sampling Method	Borehole Dia.:	Total Depth:	Backfill Quantity:
5/8/24	9/13/24	/	2"	5.0	.

Depth (feet)	Sample Interval	Sample Number	PID (ppm)	Lab Results gas/diesel/oil (mg/kg)	USCS Soil Class.	Graphic Log	Description (Formation, soil type, grain, minor soil component, moisture, density, odor, etc.)	Completion Detail
0								
1		T40-1			SM		Yellowish-brown, silty, fine-grained SAND, moist, trace cobbles.	
2		T40-2.5					Becomes fine- to coarse-grained SAND, no cobbles.	
3					SP		Becomes grayish-brown, fine-grained SAND, micaceous	Bentonite grout
4								
5							Boring terminated at 5 feet below grade.	
6								
7								
8								
9								
10								

Logged By: Jennifer Bauer Morton Title: Project Manager Date: 5/8/24

Reviewed By: Charles Houser License No: CHg 945 Date: 9/11/24

SD BORING TPH LOG 01213320.07 BORING LOGS.GPJ GINT STD US.GDT 9/13/24

SCS ENGINEERS

BOREHOLE LOG

Number: T41

8799 Balboa Avenue, Suite 290
San Diego, California 92123-1568

Client: Midway Rising

Job No: 213320.07

Sheet: 1 of 1

Logged by: Jennifer Bauer Morton

Location: Sports Arena Blvd
San Diego, CA

Drilling Company:

Date Drilled:	Date Drafted:	Drilling / Sampling Method	Borehole Dia.:	Total Depth:	Backfill Quantity:
5/8/24	9/13/24	/	2"	6.0	.

Depth (feet)	Sample Interval	Sample Number	PID (ppm)	Lab Results gas/diesel/oil (mg/kg)	USCS Soil Class.	Graphic Log	Description (Formation, soil type, grain, minor soil component, moisture, density, odor, etc.)	Completion Detail
0								0
1		T41-1			SM		Yellowish-brown, fine-grained silty SAND, boulder at surface.	
2								
3		T41-3					Post with concrete, Claystone at 2.5 feet below grade.	Bentonite grout
4		T41-4.5			SP		Gray, fine-grained SAND, micaceous, no gravel.	
5								5
6							Boring terminated at 6 feet below grade.	
7								
8								
9								
10								10

Logged By: Jennifer Bauer Morton Title: Project Manager Date: 5/8/24

Reviewed By: Charles Houser License No: CHg 945 Date: 9/11/24

SD BORING TPH LOG 01213320.07 BORING LOGS.GPJ GINT STD US.GDT 9/13/24

SCS ENGINEERS

BOREHOLE LOG

Number: T42

8799 Balboa Avenue, Suite 290
San Diego, California 92123-1568

Client: Midway Rising

Job No: 213320.07

Sheet: 1 of 1

Logged by: Jennifer Bauer Morton

Location: Sports Arena Blvd
San Diego, CA

Drilling Company:

Date Drilled:	Date Drafted:	Drilling / Sampling Method	Borehole Dia.:	Total Depth:	Backfill Quantity:
5/8/24	9/13/24	/	2"	7.0	.

Depth	Sample Information					Graphic Log	Description	Completion Detail
feet	Sample Interval	Sample Number	PID (ppm)	Lab Results gas/diesel/oil (mg/kg)	USCS Soil Class.		Formation, soil type, grain, minor soil component, moisture, density, odor, etc.	
0								0
1		T42-1					Yellowish-brown, fine-grained silty SAND with trace gravel.	
2		T42-2			SM		Becomes orangeish-brown with fine- to coarse-grained gravel.	
3							Gray, fine-grained SAND, micaceous.	Bentonite grout
4		T41-4.5			SP			
5								5
6								
7							Boring terminated at 7 feet below grade.	
8								
9								
10								10

Logged By: Jennifer Bauer Morton Title: Project Manager Date: 5/8/24

Reviewed By: Charles Houser License No: CHg 945 Date: 9/11/24

SD BORING TPH LOG 01213320.07 BORING LOGS.GPJ GINT STD US.GDT 9/13/24

APPENDIX C

Laboratory Analytical Reports

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 508749
Report Level : II
Report Date : 09/12/2024

Analytical Report *prepared for:*

Chuck Houser
SCS Engineers
8799 Balboa #290
San Diego, CA 92123

Project: MIDWAY RISING - Sports Arena - REVISED REPORT

Authorized for release by:

David Tripp, Project Manager
657-581-4710
david.tripp@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

ENTHALPY ANALYTICAL

Sample Summary

Chuck Houser SCS Engineers 8799 Balboa #290 San Diego, CA 92123	Lab Job #: Project No: Location: Date Received:	508749 MIDWAY RISING Sports Arena - REVISED REPORT 05/20/24

Sample ID	Lab ID	Collected	Matrix
HA-24-030-0.5	508749-001	05/16/24 08:05	Soil
HA-24-030-1.5	508749-002	05/16/24 08:15	Soil
HA-24-028-0.5	508749-003	05/16/24 08:30	Soil
HA-24-028-1.5	508749-004	05/16/24 08:45	Soil
HA-24-028-2.5	508749-005	05/16/24 09:00	Soil
HA-24-028-4	508749-006	05/16/24 09:15	Soil
HA-24-029-0.5	508749-007	05/16/24 09:40	Soil
HA-24-029-1.5	508749-008	05/16/24 09:55	Soil
HA-24-029-2.5	508749-009	05/16/24 10:10	Soil
HA-24-029-4	508749-010	05/16/24 10:25	Soil
HA-24-014-0.5	508749-011	05/16/24 10:40	Soil
HA-24-014-1.5	508749-012	05/16/24 10:55	Soil
HA-24-014-2.5	508749-013	05/16/24 11:15	Soil
HA-24-014-4	508749-014	05/16/24 11:30	Soil
HA-24-015-0.5	508749-015	05/16/24 11:45	Soil
HA-24-015-1.5	508749-016	05/16/24 12:00	Soil
HA-24-023-0.5	508749-017	05/16/24 12:05	Soil
HA-24-023-1.5	508749-018	05/16/24 12:20	Soil
HA-24-023-2.5	508749-019	05/16/24 12:50	Soil
HA-24-024-0.5	508749-020	05/16/24 13:40	Soil
HA-24-024-1.5	508749-021	05/16/24 13:55	Soil
HA-24-025-0.5	508749-022	05/16/24 14:20	Soil
HA-24-025-1.5	508749-023	05/16/24 14:45	Soil
HA-24-025-2.5	508749-024	05/16/24 15:10	Soil
HA-24-025-4	508749-025	05/16/24 15:45	Soil
HA-24-013-0.5	508749-026	05/17/24 07:50	Soil

ENTHALPY ANALYTICAL

Sample Summary

Chuck Houser SCS Engineers 8799 Balboa #290 San Diego, CA 92123	Lab Job #: Project No: Location: Date Received:	508749 MIDWAY RISING Sports Arena - REVISED REPORT 05/20/24

Sample ID	Lab ID	Collected	Matrix
HA-24-013-1.5	508749-027	05/17/24 08:20	Soil
HA-24-013-2.5	508749-028	05/17/24 08:50	Soil
HA-24-013-4	508749-029	05/17/24 09:20	Soil
HA-24-016-0.5	508749-030	05/17/24 09:45	Soil
HA-24-016-1.5	508749-031	05/17/24 10:05	Soil
HA-24-016-2.5	508749-032	05/17/24 10:30	Soil
HA-24-016-4	508749-033	05/17/24 11:00	Soil
HA-24-009-5	508749-034	05/17/24 11:30	Soil
HA-24-009-6	508749-035	05/17/24 12:00	Soil
HA-24-021-0.5	508749-036	05/17/24 13:00	Soil
HA-24-021-1.5	508749-037	05/17/24 13:25	Soil
HA-24-021-2.5	508749-038	05/17/24 13:50	Soil
HA-24-021-4	508749-039	05/17/24 14:20	Soil
HA-24-022-0.5	508749-040	05/17/24 14:40	Soil
HA-24-022-1.5	508749-041	05/17/24 15:10	Soil
HA-24-022-2.5	508749-042	05/17/24 15:30	Soil
HA-24-022-4	508749-043	05/17/24 15:50	Soil
HA-24-020-0.5	508749-044	05/20/24 07:20	Soil
HA-24-020-1.5	508749-045	05/20/24 07:45	Soil
HA-24-020-2.5	508749-046	05/20/24 08:05	Soil
HA-24-020-4	508749-047	05/20/24 08:30	Soil
HA-24-019-0.5	508749-048	05/20/24 08:50	Soil
HA-24-019-1.5	508749-049	05/20/24 09:30	Soil
HA-24-019-2.5	508749-050	05/20/24 09:55	Soil
HA-24-019-4	508749-051	05/20/24 10:20	Soil
HA-24-017-0.5	508749-052	05/20/24 10:45	Soil

ENTHALPY ANALYTICAL

Sample Summary

Chuck Houser SCS Engineers 8799 Balboa #290 San Diego, CA 92123	Lab Job #: Project No: Location: Date Received:	508749 MIDWAY RISING Sports Arena - REVISED REPORT 05/20/24

Sample ID	Lab ID	Collected	Matrix
HA-24-017-1.5	508749-053	05/20/24 11:10	Soil
COMP HA-24-015-0.5, 1.5	508749-054	05/20/24 11:10	Soil

Case Narrative

SCS Engineers 8799 Balboa #290 San Diego, CA 92123 Chuck Houser	Lab Job Number:	508749
	Project No:	MIDWAY RISING
	Location:	Sports Arena - REVISED REPORT
	Date Received:	05/20/24

This data package contains sample and QC results for thirty two soil samples and one two-point soil composite, requested for the above referenced project on 05/20/24. The samples were received cold and intact.

TPH-Extractables by GC (EPA 8015M):

- High recovery was observed for diesel C10-C28 in the MSD of HA-24-028-2.5 (lab # 508749-005); the LCS was within limits, the associated RPD was within limits, and the high recovery was not associated with any reported results.
- High surrogate recoveries were observed for n-triacontane in a number of samples.
- HA-24-028-0.5 (lab # 508749-003), HA-24-028-2.5 (lab # 508749-005), and the MSD of HA-24-028-2.5 (lab # 508749-005) were diluted due to the dark color of the sample extracts.
- No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):

- Low recoveries were observed for many analytes in the MS/MSD for batch 341196; the parent sample was not a project sample, the BS/BSD were within limits, and the associated RPDs were within limits.
- No other analytical problems were encountered.

Pesticides (EPA 8081A):

- Low recoveries were observed for many analytes in the MSD of HA-24-030-0.5 (lab # 508749-001); the LCS was within limits. High recovery was observed for methoxychlor; the LCS was within limits, and this analyte was not detected at or above the RL in the associated samples. High RPD was observed for many analytes in the MS/MSD of HA-24-030-0.5 (lab # 508749-001).
- High surrogate recoveries were observed for decachlorobiphenyl in HA-24-021-2.5 (lab # 508749-038) and the method blank for batch 340897; the corresponding TCMX surrogate recoveries were within limits, and no target analytes were detected in these samples.
- HA-24-030-0.5 (lab # 508749-001) and HA-24-025-0.5 (lab # 508749-022) were diluted due to the color of the sample extracts.
- No other analytical problems were encountered.

Metals (EPA 6010B and EPA 7471A) Soil:

- Low recoveries were observed for antimony in the MS/MSD of HA-24-021-0.5 (lab # 508749-036); the LCS was within limits, and the associated RPD was within limits.
- Low recoveries were observed for antimony in the MS/MSD for batch 342160; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits. High recovery was observed for barium in the MS for batch 342160; the LCS was within limits, and the associated RPD was within limits.
- Low recoveries were observed for antimony in the MS/MSD of HA-24-030-0.5 (lab # 508749-001); the LCS was within limits, and the associated RPD was within limits.
- REPORT REVISED to include Cobalt from the 6010 Metals analysis for (-005) HA-24-028-2.5.
- No other analytical problems were encountered.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 508749

Page: 1 of 6

Turn Around Time (rush by advanced notice only)

Standard:	✓	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

<<< Select a Laboratory >>>

#N/A

#N/A

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	SCS Engineers	Name:	Midway Rising
Report To:	Chuck Houser	Number:	01213320.07
Email:	chouser@scsengineers.com	P.O. #:	01213320.07
Address:	8799 Balboa Ave #290	Address:	3220-3500 Sports
	San Diego, CA 92123		Arena Blvd. San Diego, CA
Phone:	619 458 2799	Global ID:	
Fax:	—	Sampled By:	Tyler Overton

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	OCPs (EPA 8081A)	As Pb (EPA 6010B)	VOCs (8260B)	TPH (8015B)	Metals (EPA 6010B)	Archive	Analysis Request / Test Instructions / Comments
1	HA-24-030-0.5	5/16/24	805	SO.1	4 oz glass jar	ice	X		X	X	X		4.5/1.5
2	HA-24-030-1.5		815				X	X					
3	HA-24-028-0.5		830				X		X	X	X		
4	HA-24-028-1.5		845									X	
5	HA-24-028-2.5		900				X	X		X			
6	HA-24-028-4		915									X	
7	HA-24-029-0.5		940				X		X	X	X		
8	HA-24-029-1.5		955									X	
9	HA-24-029-2.5		1010				X	X		X			
10	HA-24-029-4		1025									X	

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		W Tyler Overton	SCS Engineers	5/20/24 14:35
1 Received By:		MICHAEL TANWANGCO	FA SD	5/20/24 14:35
2 Relinquished By:		MICHAEL TANWANGCO	FA SD	5/20 5/21/24 1408
2 Received By:		Chris Montoya	FA SD	5/21/24 1408
3 Relinquished By:		Chris Montoya	FA SD	5/21/24 1614
3 Received By:		WI CMB	FA	5-24-24 1614

2 WI CMB FA 5-24-24 1745 Annalesa Smalley FA 5/21/24 1745

ENTHALPY ANALYTICAL

<<< Select a Laboratory >>>

#N/A

#N/A

Chain of Custody Record

Lab No: 508749

Page: 2 of 6

Turn Around Time (rush by advanced notice only)

Standard:	✓	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
~~Company:~~	← see pg 1 →	~~Name:~~	
Report To:		Number:	
Email:		P.O. #:	
Address:		Address:	
~~Phone:~~		~~Global ID:~~	
Fax:		Sampled By:	

#	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	OCPs (EPA 8081A)	As Pb (EPA 6010B)	TPH (8015B)	Metals (EPA 6010B)	Archive	Test Instructions / Comments
1	HA-24-014-0.5	5/16/24	1040	soil	4oz glass jar	ice	X		X	X		
2	HA-24-014-1.5	↓	1055	↓	↓	↓					X	
3	HA-24-014-2.5	↓	1115	↓	↓	↓	X	X				
4	HA-24-014-4	↓	1130	↓	↓	↓					X	
5	HA-24-015-0.5	↓	1145	↓	↓	↓	X		X	X		
6	~~HA-24-015-1.5~~	↓	~~1205~~ 1200	↓	↓	↓	X	X				Please run, disregard cross out
7	~~HA-24-015-2.5~~	↓		↓	↓	↓						
8	~~HA-24-015-4~~	↓		↓	↓	↓						
9	HA-24-023-0.5	↓	1205	↓	↓	↓	X		X	X		
10	HA-24-023-1.5	↓	1220	↓	↓	↓					X	

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	[signature]	W Tyler Overton	SCS Engineers	5/20/24 14:35
1 Received By:	[signature]	Michael Tanwanbo	EA-SD	5/20/24 1435
2 Relinquished By:	[signature]	Michael Tanwanbo	EA-SD	5/21/24 1408
2 Received By:	[signature]	Chris Montoya	EA-SD	5/21/24 1408
3 Relinquished By:	[signature]	Chris Montoya	EA-SD	5/21/24 1614
3 Received By:	[signature]	N Cu	EA	5-21-24 1614

Nima 5-21-24 1745 Anderson Smallcomb 5/21/24 1745

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 508749

Page: 3 of 6

Turn Around Time (rush by advanced notice only)

Standard:	✓	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

<<< Select a Laboratory >>>

#N/A

#N/A

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	← see pg 1 →	Name:	
Report To:		Number:	
Email:		P.O. #:	
Address:		Address:	
Phone:		Global ID:	
Fax:		Sampled By:	

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	OCPs (EPA 8081A)	As PB (EPA 6010B)	TPH (8015B)	Metals (EPA 6010B)					Archive	Analysis Request / Test Instructions / Comments
1	HA-24-023-2.5	5/16/24	1250	soil	4oz glass jar	ice	X	X								
2	~~HA-24-023-4 DUP~~		~~1310~~													
3	HA-24-024-0.5		1340				X		X	X						
4	HA-24-024-1.5		1355				X	X								
5	HA-24-025-0.5		1420				X		X	X						
6	HA-24-025-1.5		1445				X	X							X	
7	HA-24-025-2.5		1510				X	X								
8	HA-24-025-4	↓	1545												X	
9	HA-24-013-0.5	5/17/24	750				X		X	X						
10	HA-24-013-1.5		820												X	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Wynter Overton	SCS Engineers	5/20/24 14:35
[1] Received By:		Michael Tanwanteo	EA-SD	5/20/24 14:35
[2] Relinquished By:		Michael Tanwanteo	EA-SD	5/21/24 1408
[2] Received By:		Chris Montoya	EA-SD	5/21/24 1408
[3] Relinquished By:		Chris Montoya	EA-SD	5/21/24 1614
[3] Received By:		NRMO	EA	5-21-24 1614

NRMO EA 5-21-24 1745 Analysis Smallens 5/21/24 1745

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 508749

Page: 4 of 6

Turn Around Time (rush by advanced notice only)

Standard:	✓	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

<<< Select a Laboratory >>>

#N/A

#N/A

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	← See pg 1 →	~~Name:~~	
Report To:		Number:	
Email:		P.O. #:	
Address:		Address:	
Phone:		~~Global ID:~~	
Fax:		Sampled By:	

Analysis Request / **Test Instructions / Comments**

#	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	OCPs (EPA 8081A)	ASB (EPA 6010B)	TPH (8015B)	Metals (6010B)	Archive	Test Instructions / Comments
1	HA-24-013-2.5	5/17/24	850	soil	4oz glass jar	ice	X	X				
2	HA-24-013-4		920								X	
3	HA-24-016-0.5		945				X		X	X		
4	HA-24-016-1.5		1005								X	
5	HA-24-016-2.5		1030				X	X				
6	HA-24-016-4		1100								X	
7	HA-24-009-5		1130				X					
8	HA-24-009-6		1200				X					
9	wo ~~HA-24-018-0.5~~											
10	wo ~~HA-24-018-1.5~~	↓										

	Signature	Print Name	Company / Title	Date / Time
[1] ~~Relinquished By:~~	[signature]	W Tyler Overton	SCS Engineers	5/20/24 14:35
[1] Received By:	[signature]	Michael Tannanloo	EA-SD	5/20/24 14:35
[2] Relinquished By:	[signature]	Michael Tannanloo	EA-SD	5/21/24 1408
[2] Received By:	[signature]	Chris Montoya	EA-SD	5/21/24 1408
[3] Relinquished By:	[signature]	Chris Montoya	EA-SD	5/21/24 1614
[3] Received By:	[signature]	N / CWB	EA	5-21-24 1614

N / CWB EA 5-21-24 17 45 Anna Bon Smallwood EA 5/21/24 1745

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 508749
Page: 5 of 6

Turn Around Time (rush by advanced notice only)

Standard:	✓	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

<<< Select a Laboratory >>>

#N/A

#N/A

Matrix: A = Air S = Soil/Solid
W = Water DW = Drinking Wate SD = Sediment
PP = Pure Product SEA = Sea Water
SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:
1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3
4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp:
(lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	← See pg 1 →	Name:	
Report To:		Number:	
Email:		P.O. #:	
Address:		Address:	
Phone:		Global ID:	
Fax:		Sampled By:	

Analysis Request / **Test Instructions / Comments**

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	OCPs (EPA 8081A)	AS PB (EPA 6010B)	TPH (8015B)	Metals (6010B)					Archive	Test Instructions / Comments
1	HA-24-021-0.5	5/17/24	1300	soil	4oz glass jar	ice	X		X	X						
2	HA-24-021-1.5	↓	1325	↓	↓	↓									X	
3	HA-24-021-2.5	↓	1350	↓	↓	↓	X	X								
4	HA-24-021-4	↓	1420	↓	↓	↓									X	
5	HA-24-022-0.5	~~5/20/24~~ 5/17/24	1440	↓	↓	↓	X		X	X						
6	HA-24-022-1.5	↓	1510	↓	↓	↓									X	
7	HA-24-022-2.5	↓	1530	↓	↓	↓	X	X								
8	HA-24-022-4	↓	1550	↓	↓	↓									X	
9	HA-24-020-0.5	5/20/24	720	↓	↓	↓	X		X	X						
10	HA-24-020-1.5	↓	745	↓	↓	↓									X	

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		W Tyler Overton	SCS Engineers	5/20/24 14:35
1 Received By:		Michael Tanwangco	EA-SD	5/20/24 14:35
2 Relinquished By:		Michael Tanwangco	EA-SD	5/21/24 1408
2 Received By:		Chris Montoya	EA-SD	5/21/24 1408
3 Relinquished By:		Chris Montoya	EA-SD	5/21/24 1614
3 Received By:		[illegible]	[illegible]	5-21-24 1614

IN [illegible] EA 5-21-24 1745 [illegible] EA 5/21/24 1745

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 508749

Page: 6 of 6

Turn Around Time (rush by advanced notice only)

Standard:	✓	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

<<< Select a Laboratory >>>

#N/A

#N/A

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	← see pg 1 →	Name:	
Report To:		Number:	
Email:		P.O. #:	
Address:		Address:	
Phone:		Global ID:	
Fax:		Sampled By:	

Analysis Request

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	OCPs (EPA 8081A)	AS PB (EPA 6010B)	TPH (8015B)	Metals (6010B)					Archive	Test Instructions / Comments
1	HA-24-020-2.5	5/20/24	805	soil	4oz glass jar	ice	X	X							~~X~~ wo	
2	HA-24-020-4	↓	830	↓	↓	↓									X	
3	HA-24-019-0.5	↓	850	↓	↓	↓	X		X	X						
4	HA-24-019-1.5	↓	930	↓	↓	↓									X	
5	HA-24-019-2.5	↓	955	↓	↓	↓	X	X								
6	HA-24-019-4	↓	1020	↓	↓	↓									X	
7	HA-24-017-0.5	↓	1045	↓	↓	↓	X		X	X						
8	HA-24-017-1.5	↓	1110	↓	↓	↓	X	X								
9																
10																

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	[signature]	Vittorio / Quesada	SCS Engineers	5/20/24 1435
1 Received By:	[signature]	Michael Tanwanco	EA-SD	5/20/24 14:35
2 Relinquished By:	[signature]	Michael Tanwanco	EA-SD	5/21/24 1408
2 Received By:	[signature]	Chris Montoya	EA-SD	5/21/24 1408
3 Relinquished By:	[signature]	Chris Montoya	EA-SD	5/21/24 1614
3 Received By:	[signature]	[illegible]	EA	5-21-24 1614

WI [illegible] EA 5-21-24 1745 Annalesia [illegible] EA SI

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: SCS Eng. Project: Midway Rising

Date Received: 5/21/24 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 4.5 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 1.5 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✓
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?			✓
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 5/21/24

Enthalpy Analytical, a subsidiary of Montrose Environmental Group, Inc.
931 W. Barkley Ave, Orange, CA 92868 • T: (714) 771-6900 • F: (714) 588-1209
www.enthalpy.com/socal

RE: [External] - FW: MIDWAY RISING - Enthalpy Data (509012) (Invoice CINV-284014)

Houser, Chuck <CHouser@scsengineers.com>

Tue 6/4/2024 6:09 PM

To:Taylor Nasu <taylor.nasu@enthalpy.com>;Overton, Tyler <TOverton@scsengineers.com>

1 attachments (1 MB)

508749_level2.pdf;

Taylor, For lab report 508749_level 2, please analyze samples HA-24-015-0.5 and HA-24-015-1.5 for Title 22 Metals, and for WET and TCLP for lead. Thanks.

Chuck Houser, CHg
Project Manager
SCS Engineers
Office 858-571-5500 Ext. 2908

ENTHALPY ANALYTICAL

Analysis Results for 508749

Chuck Houser
SCS Engineers
8799 Balboa #290
San Diego, CA 92123

Lab Job #: 508749
Project No: MIDWAY RISING
Location: Sports Arena - REVISED REPORT
Date Received: 05/20/24

Sample ID: HA-24-030-0.5 **Lab ID: 508749-001** **Collected: 05/16/24 08:05**
Matrix: Soil

508749-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	0.99	340895	05/22/24	05/22/24	SBW
Arsenic	**4.2**		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Barium	**98**		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Beryllium	ND		mg/Kg	0.50	0.99	340895	05/22/24	05/22/24	SBW
Cadmium	ND		mg/Kg	0.50	0.99	340895	05/22/24	05/22/24	SBW
Chromium	**21**		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Cobalt	**7.0**		mg/Kg	0.50	0.99	340895	05/22/24	05/22/24	SBW
Copper	**13**		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Lead	**38**		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Molybdenum	ND		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Nickel	**9.4**		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Selenium	ND		mg/Kg	3.0	0.99	340895	05/22/24	05/22/24	SBW
Silver	ND		mg/Kg	0.50	0.99	340895	05/22/24	05/22/24	SBW
Thallium	ND		mg/Kg	3.0	0.99	340895	05/22/24	05/22/24	SBW
Vanadium	**52**		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Zinc	**48**		mg/Kg	5.0	0.99	340895	05/22/24	05/22/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	341004	05/23/24	05/23/24	DXC
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	9.9	0.99	341256	05/29/24	05/29/24	DIB
TPH (C13-C22)	ND		mg/Kg	9.9	0.99	341256	05/29/24	05/29/24	DIB
TPH (C23-C44)	**130**		mg/Kg	20	0.99	341256	05/29/24	05/29/24	DIB
Surrogates				**Limits**					
n-Triacontane	101%		%REC	70-130	0.99	341256	05/29/24	05/29/24	DIB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	10	2	340897	05/23/24	05/25/24	MES
beta-BHC	ND		ug/Kg	10	2	340897	05/23/24	05/25/24	MES
gamma-BHC	ND		ug/Kg	10	2	340897	05/23/24	05/25/24	MES
delta-BHC	ND		ug/Kg	10	2	340897	05/23/24	05/25/24	MES
Heptachlor	ND		ug/Kg	10	2	340897	05/23/24	05/25/24	MES
Aldrin	ND		ug/Kg	10	2	340897	05/23/24	05/25/24	MES
Heptachlor epoxide	ND		ug/Kg	10	2	340897	05/23/24	05/25/24	MES
Endosulfan I	ND		ug/Kg	10	2	340897	05/23/24	05/25/24	MES
Dieldrin	ND		ug/Kg	10	2	340897	05/23/24	05/25/24	MES
4,4'-DDE	ND		ug/Kg	10	2	340897	05/23/24	05/25/24	MES
Endrin	ND		ug/Kg	10	2	340897	05/23/24	05/25/24	MES
Endosulfan II	ND		ug/Kg	10	2	340897	05/23/24	05/25/24	MES

Results for any subcontracted analyses are not included in this section.

Analysis Results for 508749

508749-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Endosulfan sulfate	ND		ug/Kg	10	2	340897	05/23/24	05/25/24	MES
4,4'-DDD	ND		ug/Kg	10	2	340897	05/23/24	05/25/24	MES
Endrin aldehyde	ND		ug/Kg	10	2	340897	05/23/24	05/25/24	MES
Endrin ketone	ND		ug/Kg	10	2	340897	05/23/24	05/25/24	MES
4,4'-DDT	ND		ug/Kg	10	2	340897	05/23/24	05/25/24	MES
Methoxychlor	ND		ug/Kg	20	2	340897	05/23/24	05/25/24	MES
Toxaphene	ND		ug/Kg	200	2	340897	05/23/24	05/25/24	MES
Chlordane (Technical)	ND		ug/Kg	100	2	340897	05/23/24	05/25/24	MES
Surrogates				**Limits**					
TCMX	82%		%REC	23-120	2	340897	05/23/24	05/25/24	MES
Decachlorobiphenyl	79%		%REC	24-120	2	340897	05/23/24	05/25/24	MES
Method: EPA 8260B Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
Freon 12	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
Chloromethane	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
Bromomethane	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
Chloroethane	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
Acetone	ND		ug/Kg	100	1	340854	05/22/24	05/22/24	LYZ
Freon 113	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
Methylene Chloride	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
MTBE	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
2-Butanone	ND		ug/Kg	100	1	340854	05/22/24	05/22/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
Chloroform	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
Bromochloromethane	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
Benzene	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
Trichloroethene	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
Dibromomethane	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
Toluene	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
Chlorobenzene	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 508749

508749-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Ethylbenzene	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	340854	05/22/24	05/22/24	LYZ
o-Xylene	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
Styrene	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
Bromoform	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
Propylbenzene	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
Bromobenzene	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
Naphthalene	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
tert-Butyl Alcohol (TBA)	ND		ug/Kg	100	1	340854	05/22/24	05/22/24	LYZ
Isopropyl Ether (DIPE)	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
Xylene (total)	ND		ug/Kg	5.0	1	340854	05/22/24	05/22/24	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	108%		%REC	70-145	1	340854	05/22/24	05/22/24	LYZ
1,2-Dichloroethane-d4	109%		%REC	70-145	1	340854	05/22/24	05/22/24	LYZ
Toluene-d8	85%		%REC	70-145	1	340854	05/22/24	05/22/24	LYZ
Bromofluorobenzene	97%		%REC	70-145	1	340854	05/22/24	05/22/24	LYZ

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 508749

Sample ID: HA-24-030-1.5	Lab ID: 508749-002	Collected: 05/16/24 08:15
	Matrix: Soil	

508749-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**2.5**		mg/Kg	0.98	0.98	340895	05/22/24	05/22/24	SBW
Lead	**13**		mg/Kg	0.98	0.98	340895	05/22/24	05/22/24	SBW
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	4.9	0.99	340897	05/23/24	05/25/24	MES
beta-BHC	ND		ug/Kg	4.9	0.99	340897	05/23/24	05/25/24	MES
gamma-BHC	ND		ug/Kg	4.9	0.99	340897	05/23/24	05/25/24	MES
delta-BHC	ND		ug/Kg	4.9	0.99	340897	05/23/24	05/25/24	MES
Heptachlor	ND		ug/Kg	4.9	0.99	340897	05/23/24	05/25/24	MES
Aldrin	ND		ug/Kg	4.9	0.99	340897	05/23/24	05/25/24	MES
Heptachlor epoxide	ND		ug/Kg	4.9	0.99	340897	05/23/24	05/25/24	MES
Endosulfan I	ND		ug/Kg	4.9	0.99	340897	05/23/24	05/25/24	MES
Dieldrin	ND		ug/Kg	4.9	0.99	340897	05/23/24	05/25/24	MES
4,4'-DDE	ND		ug/Kg	4.9	0.99	340897	05/23/24	05/25/24	MES
Endrin	ND		ug/Kg	4.9	0.99	340897	05/23/24	05/25/24	MES
Endosulfan II	ND		ug/Kg	4.9	0.99	340897	05/23/24	05/25/24	MES
Endosulfan sulfate	ND		ug/Kg	4.9	0.99	340897	05/23/24	05/25/24	MES
4,4'-DDD	ND		ug/Kg	4.9	0.99	340897	05/23/24	05/25/24	MES
Endrin aldehyde	ND		ug/Kg	4.9	0.99	340897	05/23/24	05/25/24	MES
Endrin ketone	ND		ug/Kg	4.9	0.99	340897	05/23/24	05/25/24	MES
4,4'-DDT	ND		ug/Kg	4.9	0.99	340897	05/23/24	05/25/24	MES
Methoxychlor	ND		ug/Kg	9.9	0.99	340897	05/23/24	05/25/24	MES
Toxaphene	ND		ug/Kg	99	0.99	340897	05/23/24	05/25/24	MES
Chlordane (Technical)	ND		ug/Kg	49	0.99	340897	05/23/24	05/25/24	MES
Surrogates				**Limits**					
TCMX	79%		%REC	23-120	0.99	340897	05/23/24	05/25/24	MES
Decachlorobiphenyl	67%		%REC	24-120	0.99	340897	05/23/24	05/25/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 508749

Sample ID: HA-24-028-0.5	Lab ID: 508749-003	Collected: 05/16/24 08:30
	Matrix: Soil	

508749-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.97	340895	05/22/24	05/22/24	SBW
Arsenic	**3.4**		mg/Kg	0.97	0.97	340895	05/22/24	05/22/24	SBW
Barium	**76**		mg/Kg	0.97	0.97	340895	05/22/24	05/22/24	SBW
Beryllium	ND		mg/Kg	0.49	0.97	340895	05/22/24	05/22/24	SBW
Cadmium	ND		mg/Kg	0.49	0.97	340895	05/22/24	05/22/24	SBW
Chromium	**18**		mg/Kg	0.97	0.97	340895	05/22/24	05/22/24	SBW
Cobalt	**24**		mg/Kg	0.49	0.97	340895	05/22/24	05/22/24	SBW
Copper	**19**		mg/Kg	0.97	0.97	340895	05/22/24	05/22/24	SBW
Lead	**63**		mg/Kg	0.97	0.97	340895	05/22/24	05/22/24	SBW
Molybdenum	ND		mg/Kg	0.97	0.97	340895	05/22/24	05/22/24	SBW
Nickel	**9.6**		mg/Kg	0.97	0.97	340895	05/22/24	05/22/24	SBW
Selenium	ND		mg/Kg	2.9	0.97	340895	05/22/24	05/22/24	SBW
Silver	ND		mg/Kg	0.49	0.97	340895	05/22/24	05/22/24	SBW
Thallium	ND		mg/Kg	2.9	0.97	340895	05/22/24	05/22/24	SBW
Vanadium	**46**		mg/Kg	0.97	0.97	340895	05/22/24	05/22/24	SBW
Zinc	**30**		mg/Kg	4.9	0.97	340895	05/22/24	05/22/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	341004	05/23/24	05/23/24	DXC
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	20	2	341011	05/23/24	05/24/24	DIB
TPH (C13-C22)	**20**		mg/Kg	20	2	341011	05/23/24	05/24/24	DIB
TPH (C23-C44)	**110**		mg/Kg	40	2	341011	05/23/24	05/24/24	DIB
Surrogates				**Limits**					
n-Triacontane	104%		%REC	70-130	2	341011	05/23/24	05/24/24	DIB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
beta-BHC	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
gamma-BHC	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
delta-BHC	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
Heptachlor	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
Aldrin	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
Endosulfan I	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
Dieldrin	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
Endrin	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
Endosulfan II	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
Endosulfan sulfate	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
4,4'-DDD	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
Endrin ketone	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 508749

508749-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	10	1	340897	05/23/24	05/25/24	MES
Toxaphene	ND		ug/Kg	100	1	340897	05/23/24	05/25/24	MES
Chlordane (Technical)	ND		ug/Kg	51	1	340897	05/23/24	05/25/24	MES
Surrogates				**Limits**					
TCMX	74%		%REC	23-120	1	340897	05/23/24	05/25/24	MES
Decachlorobiphenyl	69%		%REC	24-120	1	340897	05/23/24	05/25/24	MES
Method: EPA 8260B Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Freon 12	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Chloromethane	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Bromomethane	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Chloroethane	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Acetone	ND		ug/Kg	100	1	341196	05/26/24	05/26/24	LYZ
Freon 113	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Methylene Chloride	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
MTBE	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
2-Butanone	ND		ug/Kg	100	1	341196	05/26/24	05/26/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Chloroform	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Bromochloromethane	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Benzene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Trichloroethene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Dibromomethane	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Toluene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Chlorobenzene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Ethylbenzene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	341196	05/26/24	05/26/24	LYZ
o-Xylene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Styrene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Bromoform	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 508749

508749-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Isopropylbenzene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Propylbenzene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Bromobenzene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Naphthalene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
tert-Butyl Alcohol (TBA)	ND		ug/Kg	100	1	341196	05/26/24	05/26/24	LYZ
Isopropyl Ether (DIPE)	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Xylene (total)	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	93%		%REC	70-145	1	341196	05/26/24	05/26/24	LYZ
1,2-Dichloroethane-d4	94%		%REC	70-145	1	341196	05/26/24	05/26/24	LYZ
Toluene-d8	100%		%REC	70-145	1	341196	05/26/24	05/26/24	LYZ
Bromofluorobenzene	106%		%REC	70-145	1	341196	05/26/24	05/26/24	LYZ

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 508749

Sample ID: HA-24-028-2.5	Lab ID: 508749-005	Collected: 05/16/24 09:00
	Matrix: Soil	

508749-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**3.8**		mg/Kg	1.0	1	340895	05/22/24	05/22/24	SBW
Cobalt	**5.9**		mg/Kg	0.50	1	340895	05/22/24	05/22/24	SBW
Lead	**7.7**		mg/Kg	1.0	1	340895	05/22/24	05/22/24	SBW
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	20	2	341011	05/23/24	05/26/24	DIB
TPH (C13-C22)	ND		mg/Kg	20	2	341011	05/23/24	05/26/24	DIB
TPH (C23-C44)	**190**		mg/Kg	40	2	341011	05/23/24	05/26/24	DIB
Surrogates				**Limits**					
n-Triacontane	119%		%REC	70-130	2	341011	05/23/24	05/26/24	DIB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
beta-BHC	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
gamma-BHC	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
delta-BHC	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Heptachlor	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Aldrin	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Endosulfan I	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Dieldrin	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
4,4'-DDE	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Endrin	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Endosulfan II	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
4,4'-DDD	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Endrin ketone	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Methoxychlor	ND		ug/Kg	10	1	340897	05/23/24	05/25/24	MES
Toxaphene	ND		ug/Kg	100	1	340897	05/23/24	05/25/24	MES
Chlordane (Technical)	ND		ug/Kg	50	1	340897	05/23/24	05/25/24	MES
Surrogates				**Limits**					
TCMX	69%		%REC	23-120	1	340897	05/23/24	05/25/24	MES
Decachlorobiphenyl	54%		%REC	24-120	1	340897	05/23/24	05/25/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 508749

Sample ID: HA-24-029-0.5	Lab ID: 508749-007	Collected: 05/16/24 09:40
	Matrix: Soil	

508749-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	0.99	340895	05/22/24	05/22/24	SBW
Arsenic	**3.5**		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Barium	**100**		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Beryllium	ND		mg/Kg	0.50	0.99	340895	05/22/24	05/22/24	SBW
Cadmium	ND		mg/Kg	0.50	0.99	340895	05/22/24	05/22/24	SBW
Chromium	**22**		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Cobalt	**7.1**		mg/Kg	0.50	0.99	340895	05/22/24	05/22/24	SBW
Copper	**12**		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Lead	**5.9**		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Molybdenum	ND		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Nickel	**7.7**		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Selenium	ND		mg/Kg	3.0	0.99	340895	05/22/24	05/22/24	SBW
Silver	ND		mg/Kg	0.50	0.99	340895	05/22/24	05/22/24	SBW
Thallium	ND		mg/Kg	3.0	0.99	340895	05/22/24	05/22/24	SBW
Vanadium	**52**		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Zinc	**40**		mg/Kg	5.0	0.99	340895	05/22/24	05/22/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	341004	05/23/24	05/23/24	DXC
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	9.9	0.99	341011	05/23/24	05/24/24	DIB
TPH (C13-C22)	ND		mg/Kg	9.9	0.99	341011	05/23/24	05/24/24	DIB
TPH (C23-C44)	ND		mg/Kg	20	0.99	341011	05/23/24	05/24/24	DIB
Surrogates				**Limits**					
n-Triacontane	122%		%REC	70-130	0.99	341011	05/23/24	05/24/24	DIB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
beta-BHC	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
gamma-BHC	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
delta-BHC	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
Heptachlor	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
Aldrin	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
Endosulfan I	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
Dieldrin	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
4,4'-DDE	**5.2**		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
Endrin	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
Endosulfan II	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
Endosulfan sulfate	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
4,4'-DDD	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
Endrin ketone	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 508749

508749-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	10	1	340897	05/23/24	05/25/24	MES
Toxaphene	ND		ug/Kg	100	1	340897	05/23/24	05/25/24	MES
Chlordane (Technical)	ND		ug/Kg	51	1	340897	05/23/24	05/25/24	MES
Surrogates				**Limits**					
TCMX	71%		%REC	23-120	1	340897	05/23/24	05/25/24	MES
Decachlorobiphenyl	78%		%REC	24-120	1	340897	05/23/24	05/25/24	MES
Method: EPA 8260B Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Freon 12	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Chloromethane	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Bromomethane	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Chloroethane	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Acetone	ND		ug/Kg	100	1	341196	05/26/24	05/26/24	LYZ
Freon 113	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Methylene Chloride	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
MTBE	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
2-Butanone	ND		ug/Kg	100	1	341196	05/26/24	05/26/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Chloroform	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Bromochloromethane	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Benzene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Trichloroethene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Dibromomethane	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Toluene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Chlorobenzene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Ethylbenzene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	341196	05/26/24	05/26/24	LYZ
o-Xylene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Styrene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Bromoform	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 508749

508749-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Isopropylbenzene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Propylbenzene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Bromobenzene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Naphthalene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
tert-Butyl Alcohol (TBA)	ND		ug/Kg	100	1	341196	05/26/24	05/26/24	LYZ
Isopropyl Ether (DIPE)	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Xylene (total)	ND		ug/Kg	5.0	1	341196	05/26/24	05/26/24	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	92%		%REC	70-145	1	341196	05/26/24	05/26/24	LYZ
1,2-Dichloroethane-d4	92%		%REC	70-145	1	341196	05/26/24	05/26/24	LYZ
Toluene-d8	99%		%REC	70-145	1	341196	05/26/24	05/26/24	LYZ
Bromofluorobenzene	101%		%REC	70-145	1	341196	05/26/24	05/26/24	LYZ

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 508749

Sample ID: HA-24-029-2.5	Lab ID: 508749-009	Collected: 05/16/24 10:10
	Matrix: Soil	

508749-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**4.3**		mg/Kg	0.97	0.97	340895	05/22/24	05/22/24	SBW
Lead	**6.5**		mg/Kg	0.97	0.97	340895	05/22/24	05/22/24	SBW
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	10	1	341011	05/23/24	05/24/24	DIB
TPH (C13-C22)	ND		mg/Kg	10	1	341011	05/23/24	05/24/24	DIB
TPH (C23-C44)	ND		mg/Kg	20	1	341011	05/23/24	05/24/24	DIB
Surrogates				**Limits**					
n-Triacontane	116%		%REC	70-130	1	341011	05/23/24	05/24/24	DIB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
beta-BHC	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
gamma-BHC	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
delta-BHC	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Heptachlor	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Aldrin	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Endosulfan I	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Dieldrin	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
4,4'-DDE	**8.7**		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Endrin	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Endosulfan II	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
4,4'-DDD	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Endrin ketone	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Methoxychlor	ND		ug/Kg	10	1	340897	05/23/24	05/25/24	MES
Toxaphene	ND		ug/Kg	100	1	340897	05/23/24	05/25/24	MES
Chlordane (Technical)	ND		ug/Kg	50	1	340897	05/23/24	05/25/24	MES
Surrogates				**Limits**					
TCMX	73%		%REC	23-120	1	340897	05/23/24	05/25/24	MES
Decachlorobiphenyl	65%		%REC	24-120	1	340897	05/23/24	05/25/24	MES

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 508749

Sample ID: HA-24-014-0.5	Lab ID: 508749-011	Collected: 05/16/24 10:40
	Matrix: Soil	

508749-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	1	340895	05/22/24	05/22/24	SBW
Arsenic	**7.5**		mg/Kg	1.0	1	340895	05/22/24	05/22/24	SBW
Barium	**93**		mg/Kg	1.0	1	340895	05/22/24	05/22/24	SBW
Beryllium	**0.53**		mg/Kg	0.50	1	340895	05/22/24	05/22/24	SBW
Cadmium	ND		mg/Kg	0.50	1	340895	05/22/24	05/22/24	SBW
Chromium	**7.3**		mg/Kg	1.0	1	340895	05/22/24	05/22/24	SBW
Cobalt	**4.8**		mg/Kg	0.50	1	340895	05/22/24	05/22/24	SBW
Copper	**8.7**		mg/Kg	1.0	1	340895	05/22/24	05/22/24	SBW
Lead	**11**		mg/Kg	1.0	1	340895	05/22/24	05/22/24	SBW
Molybdenum	ND		mg/Kg	1.0	1	340895	05/22/24	05/22/24	SBW
Nickel	**5.0**		mg/Kg	1.0	1	340895	05/22/24	05/22/24	SBW
Selenium	ND		mg/Kg	3.0	1	340895	05/22/24	05/22/24	SBW
Silver	ND		mg/Kg	0.50	1	340895	05/22/24	05/22/24	SBW
Thallium	ND		mg/Kg	3.0	1	340895	05/22/24	05/22/24	SBW
Vanadium	**18**		mg/Kg	1.0	1	340895	05/22/24	05/22/24	SBW
Zinc	**31**		mg/Kg	5.0	1	340895	05/22/24	05/22/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.2	341004	05/23/24	05/23/24	DXC
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	10	1	341011	05/23/24	05/24/24	DIB
TPH (C13-C22)	ND		mg/Kg	10	1	341011	05/23/24	05/24/24	DIB
TPH (C23-C44)	ND		mg/Kg	20	1	341011	05/23/24	05/24/24	DIB
Surrogates				**Limits**					
n-Triacontane	115%		%REC	70-130	1	341011	05/23/24	05/24/24	DIB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
beta-BHC	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
gamma-BHC	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
delta-BHC	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Heptachlor	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Aldrin	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Endosulfan I	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Dieldrin	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
4,4'-DDE	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Endrin	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Endosulfan II	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
4,4'-DDD	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Endrin ketone	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES

Results for any subcontracted analyses are not included in this section.

Analysis Results for 508749

508749-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	10	1	340897	05/23/24	05/25/24	MES
Toxaphene	ND		ug/Kg	100	1	340897	05/23/24	05/25/24	MES
Chlordane (Technical)	**2,600**		ug/Kg	250	5	340897	05/23/24	05/29/24	KLR
Surrogates				**Limits**					
TCMX	82%		%REC	23-120	1	340897	05/23/24	05/25/24	MES
Decachlorobiphenyl	74%		%REC	24-120	1	340897	05/23/24	05/25/24	MES

Sample ID: HA-24-014-2.5 **Lab ID: 508749-013** **Collected: 05/16/24 11:15**
Matrix: Soil

508749-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**6.7**		mg/Kg	1.0	1	340895	05/22/24	05/22/24	SBW
Lead	**7.6**		mg/Kg	1.0	1	340895	05/22/24	05/22/24	SBW
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
beta-BHC	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
gamma-BHC	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
delta-BHC	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
Heptachlor	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
Aldrin	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
Heptachlor epoxide	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
Endosulfan I	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
Dieldrin	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
4,4'-DDE	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
Endrin	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
Endosulfan II	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
Endosulfan sulfate	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
4,4'-DDD	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
Endrin aldehyde	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
Endrin ketone	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
4,4'-DDT	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
Methoxychlor	ND		ug/Kg	9.8	0.98	340897	05/23/24	05/25/24	MES
Toxaphene	ND		ug/Kg	98	0.98	340897	05/23/24	05/25/24	MES
Chlordane (Technical)	ND		ug/Kg	49	0.98	340897	05/23/24	05/25/24	MES
Surrogates				**Limits**					
TCMX	82%		%REC	23-120	0.98	340897	05/23/24	05/25/24	MES
Decachlorobiphenyl	74%		%REC	24-120	0.98	340897	05/23/24	05/25/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 508749

Sample ID: HA-24-015-0.5	Lab ID: 508749-015	Collected: 05/16/24 11:45
	Matrix: Soil	

508749-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	1	340895	05/22/24	05/22/24	SBW
Arsenic	**4.7**		mg/Kg	1.0	1	340895	05/22/24	05/22/24	SBW
Barium	**74**		mg/Kg	1.0	1	340895	05/22/24	05/22/24	SBW
Beryllium	ND		mg/Kg	0.50	1	340895	05/22/24	05/22/24	SBW
Cadmium	ND		mg/Kg	0.50	1	340895	05/22/24	05/22/24	SBW
Chromium	**18**		mg/Kg	1.0	1	340895	05/22/24	05/22/24	SBW
Cobalt	**9.4**		mg/Kg	0.50	1	340895	05/22/24	05/22/24	SBW
Copper	**46**		mg/Kg	1.0	1	340895	05/22/24	05/22/24	SBW
Lead	**7.0**		mg/Kg	1.0	1	340895	05/22/24	05/22/24	SBW
Molybdenum	ND		mg/Kg	1.0	1	340895	05/22/24	05/22/24	SBW
Nickel	**5.7**		mg/Kg	1.0	1	340895	05/22/24	05/22/24	SBW
Selenium	ND		mg/Kg	3.0	1	340895	05/22/24	05/22/24	SBW
Silver	ND		mg/Kg	0.50	1	340895	05/22/24	05/22/24	SBW
Thallium	ND		mg/Kg	3.0	1	340895	05/22/24	05/22/24	SBW
Vanadium	**34**		mg/Kg	1.0	1	340895	05/22/24	05/22/24	SBW
Zinc	**30**		mg/Kg	5.0	1	340895	05/22/24	05/22/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	341004	05/23/24	05/23/24	DXC
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	10	1	341011	05/23/24	05/24/24	DIB
TPH (C13-C22)	ND		mg/Kg	10	1	341011	05/23/24	05/24/24	DIB
TPH (C23-C44)	ND		mg/Kg	20	1	341011	05/23/24	05/24/24	DIB
Surrogates				**Limits**					
n-Triacontane	122%		%REC	70-130	1	341011	05/23/24	05/24/24	DIB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
beta-BHC	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
gamma-BHC	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
delta-BHC	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
Heptachlor	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
Aldrin	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
Heptachlor epoxide	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
Endosulfan I	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
Dieldrin	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
4,4'-DDE	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
Endrin	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
Endosulfan II	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
Endosulfan sulfate	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
4,4'-DDD	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
Endrin aldehyde	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
Endrin ketone	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
4,4'-DDT	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES

Results for any subcontracted analyses are not included in this section.

Analysis Results for 508749

508749-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	9.8	0.98	340897	05/23/24	05/25/24	MES
Toxaphene	ND		ug/Kg	98	0.98	340897	05/23/24	05/25/24	MES
Chlordane (Technical)	**19,000**		ug/Kg	980	20	340897	05/23/24	05/29/24	KLR
Surrogates				**Limits**					
TCMX	82%		%REC	23-120	0.98	340897	05/23/24	05/25/24	MES
Decachlorobiphenyl	79%		%REC	24-120	0.98	340897	05/23/24	05/25/24	MES

Sample ID: HA-24-015-1.5 **Lab ID: 508749-016** **Collected: 05/16/24 12:00**
Matrix: Soil

508749-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**4.8**		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Lead	**8.0**		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
beta-BHC	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
gamma-BHC	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
delta-BHC	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Heptachlor	**27**		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Aldrin	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Endosulfan I	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Dieldrin	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
4,4'-DDE	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Endrin	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Endosulfan II	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
4,4'-DDD	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Endrin ketone	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Methoxychlor	ND		ug/Kg	10	1	340897	05/23/24	05/25/24	MES
Toxaphene	ND		ug/Kg	100	1	340897	05/23/24	05/25/24	MES
Chlordane (Technical)	**17,000**		ug/Kg	2,500	50	340897	05/23/24	05/29/24	KLR
Surrogates				**Limits**					
TCMX	78%		%REC	23-120	1	340897	05/23/24	05/25/24	MES
Decachlorobiphenyl	65%		%REC	24-120	1	340897	05/23/24	05/25/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 508749

Sample ID: HA-24-023-0.5	Lab ID: 508749-017	Collected: 05/16/24 12:05
	Matrix: Soil	

508749-017 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	0.99	340895	05/22/24	05/22/24	SBW
Arsenic	**20**		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Barium	**120**		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Beryllium	**0.80**		mg/Kg	0.50	0.99	340895	05/22/24	05/22/24	SBW
Cadmium	ND		mg/Kg	0.50	0.99	340895	05/22/24	05/22/24	SBW
Chromium	**5.5**		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Cobalt	**5.6**		mg/Kg	0.50	0.99	340895	05/22/24	05/22/24	SBW
Copper	**8.2**		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Lead	**9.6**		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Molybdenum	**2.0**		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Nickel	**4.3**		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Selenium	ND		mg/Kg	3.0	0.99	340895	05/22/24	05/22/24	SBW
Silver	ND		mg/Kg	0.50	0.99	340895	05/22/24	05/22/24	SBW
Thallium	ND		mg/Kg	3.0	0.99	340895	05/22/24	05/22/24	SBW
Vanadium	**19**		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Zinc	**30**		mg/Kg	5.0	0.99	340895	05/22/24	05/22/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	341004	05/23/24	05/23/24	DXC
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	9.9	0.99	341011	05/23/24	05/24/24	DIB
TPH (C13-C22)	ND		mg/Kg	9.9	0.99	341011	05/23/24	05/24/24	DIB
TPH (C23-C44)	ND		mg/Kg	20	0.99	341011	05/23/24	05/24/24	DIB
Surrogates				**Limits**					
n-Triacontane	145%	*	%REC	70-130	0.99	341011	05/23/24	05/24/24	DIB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
beta-BHC	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
gamma-BHC	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
delta-BHC	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
Heptachlor	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
Aldrin	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
Endosulfan I	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
Dieldrin	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
Endrin	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
Endosulfan II	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
Endosulfan sulfate	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
4,4'-DDD	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
Endrin ketone	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1	340897	05/23/24	05/25/24	MES

Results for any subcontracted analyses are not included in this section.

Analysis Results for 508749

508749-017 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	10	1	340897	05/23/24	05/25/24	MES
Toxaphene	ND		ug/Kg	100	1	340897	05/23/24	05/25/24	MES
Chlordane (Technical)	ND		ug/Kg	51	1	340897	05/23/24	05/25/24	MES
Surrogates				**Limits**					
TCMX	77%		%REC	23-120	1	340897	05/23/24	05/25/24	MES
Decachlorobiphenyl	64%		%REC	24-120	1	340897	05/23/24	05/25/24	MES

Sample ID: HA-24-023-2.5 **Lab ID: 508749-019** **Collected: 05/16/24 12:50**
Matrix: Soil

508749-019 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**9.5**		mg/Kg	0.95	0.95	340895	05/22/24	05/22/24	SBW
Lead	**14**		mg/Kg	0.95	0.95	340895	05/22/24	05/22/24	SBW
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
beta-BHC	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
gamma-BHC	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
delta-BHC	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Heptachlor	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Aldrin	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Endosulfan I	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Dieldrin	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
4,4'-DDE	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Endrin	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Endosulfan II	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
4,4'-DDD	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Endrin ketone	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Methoxychlor	ND		ug/Kg	10	1	340897	05/23/24	05/25/24	MES
Toxaphene	ND		ug/Kg	100	1	340897	05/23/24	05/25/24	MES
Chlordane (Technical)	ND		ug/Kg	50	1	340897	05/23/24	05/25/24	MES
Surrogates				**Limits**					
TCMX	77%		%REC	23-120	1	340897	05/23/24	05/25/24	MES
Decachlorobiphenyl	75%		%REC	24-120	1	340897	05/23/24	05/25/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 508749

Sample ID: HA-24-024-0.5	Lab ID: 508749-020	Collected: 05/16/24 13:40
	Matrix: Soil	

508749-020 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.95	340895	05/22/24	05/22/24	SBW
Arsenic	**11**		mg/Kg	0.95	0.95	340895	05/22/24	05/22/24	SBW
Barium	**73**		mg/Kg	0.95	0.95	340895	05/22/24	05/22/24	SBW
Beryllium	ND		mg/Kg	0.48	0.95	340895	05/22/24	05/22/24	SBW
Cadmium	ND		mg/Kg	0.48	0.95	340895	05/22/24	05/22/24	SBW
Chromium	**14**		mg/Kg	0.95	0.95	340895	05/22/24	05/22/24	SBW
Cobalt	**5.7**		mg/Kg	0.48	0.95	340895	05/22/24	05/22/24	SBW
Copper	**9.4**		mg/Kg	0.95	0.95	340895	05/22/24	05/22/24	SBW
Lead	**11**		mg/Kg	0.95	0.95	340895	05/22/24	05/22/24	SBW
Molybdenum	ND		mg/Kg	0.95	0.95	340895	05/22/24	05/22/24	SBW
Nickel	**6.7**		mg/Kg	0.95	0.95	340895	05/22/24	05/22/24	SBW
Selenium	ND		mg/Kg	2.9	0.95	340895	05/22/24	05/22/24	SBW
Silver	ND		mg/Kg	0.48	0.95	340895	05/22/24	05/22/24	SBW
Thallium	ND		mg/Kg	2.9	0.95	340895	05/22/24	05/22/24	SBW
Vanadium	**34**		mg/Kg	0.95	0.95	340895	05/22/24	05/22/24	SBW
Zinc	**45**		mg/Kg	4.8	0.95	340895	05/22/24	05/22/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.2	341004	05/23/24	05/23/24	DXC
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	9.9	0.99	341011	05/23/24	05/25/24	DIB
TPH (C13-C22)	ND		mg/Kg	9.9	0.99	341011	05/23/24	05/25/24	DIB
TPH (C23-C44)	ND		mg/Kg	20	0.99	341011	05/23/24	05/25/24	DIB
Surrogates				**Limits**					
n-Triacontane	114%		%REC	70-130	0.99	341011	05/23/24	05/25/24	DIB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
beta-BHC	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
gamma-BHC	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
delta-BHC	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Heptachlor	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Aldrin	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Endosulfan I	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Dieldrin	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
4,4'-DDE	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Endrin	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Endosulfan II	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
4,4'-DDD	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
Endrin ketone	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1	340897	05/23/24	05/25/24	MES

Results for any subcontracted analyses are not included in this section.

Analysis Results for 508749

508749-020 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	10	1	340897	05/23/24	05/25/24	MES
Toxaphene	ND		ug/Kg	100	1	340897	05/23/24	05/25/24	MES
Chlordane (Technical)	ND		ug/Kg	50	1	340897	05/23/24	05/25/24	MES
Surrogates				**Limits**					
TCMX	80%		%REC	23-120	1	340897	05/23/24	05/25/24	MES
Decachlorobiphenyl	72%		%REC	24-120	1	340897	05/23/24	05/25/24	MES

Sample ID: HA-24-024-1.5 **Lab ID: 508749-021** **Collected: 05/16/24 13:55**
Matrix: Soil

508749-021 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**8.6**		mg/Kg	1.0	1	340895	05/22/24	05/22/24	SBW
Lead	**13**		mg/Kg	1.0	1	340895	05/22/24	05/22/24	SBW
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
beta-BHC	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
gamma-BHC	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
delta-BHC	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
Heptachlor	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
Aldrin	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
Heptachlor epoxide	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
Endosulfan I	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
Dieldrin	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
4,4'-DDE	**5.4**		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
Endrin	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
Endosulfan II	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
Endosulfan sulfate	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
4,4'-DDD	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
Endrin aldehyde	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
Endrin ketone	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
4,4'-DDT	ND		ug/Kg	4.9	0.98	340897	05/23/24	05/25/24	MES
Methoxychlor	ND		ug/Kg	9.8	0.98	340897	05/23/24	05/25/24	MES
Toxaphene	ND		ug/Kg	98	0.98	340897	05/23/24	05/25/24	MES
Chlordane (Technical)	ND		ug/Kg	49	0.98	340897	05/23/24	05/25/24	MES
Surrogates				**Limits**					
TCMX	80%		%REC	23-120	0.98	340897	05/23/24	05/25/24	MES
Decachlorobiphenyl	72%		%REC	24-120	0.98	340897	05/23/24	05/25/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 508749

Sample ID: HA-24-025-0.5	Lab ID: 508749-022	Collected: 05/16/24 14:20
	Matrix: Soil	

508749-022 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	0.99	340895	05/22/24	05/22/24	SBW
Arsenic	**21**		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Barium	**500**		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Beryllium	**0.74**		mg/Kg	0.50	0.99	340895	05/22/24	05/22/24	SBW
Cadmium	ND		mg/Kg	0.50	0.99	340895	05/22/24	05/22/24	SBW
Chromium	**4.8**		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Cobalt	**62**		mg/Kg	0.50	0.99	340895	05/22/24	05/22/24	SBW
Copper	**34**		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Lead	**23**		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Molybdenum	**2.9**		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Nickel	**9.0**		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Selenium	ND		mg/Kg	3.0	0.99	340895	05/22/24	05/22/24	SBW
Silver	**0.50**		mg/Kg	0.50	0.99	340895	05/22/24	05/22/24	SBW
Thallium	ND		mg/Kg	3.0	0.99	340895	05/22/24	05/22/24	SBW
Vanadium	**20**		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Zinc	**37**		mg/Kg	5.0	0.99	340895	05/22/24	05/22/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.17	1.2	341004	05/23/24	05/23/24	DXC
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	10	1	341011	05/23/24	05/25/24	DIB
TPH (C13-C22)	ND		mg/Kg	10	1	341011	05/23/24	05/25/24	DIB
TPH (C23-C44)	**45**		mg/Kg	20	1	341011	05/23/24	05/25/24	DIB
Surrogates				**Limits**					
n-Triacontane	110%		%REC	70-130	1	341011	05/23/24	05/25/24	DIB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	9.8	2	340897	05/23/24	05/25/24	MES
beta-BHC	ND		ug/Kg	9.8	2	340897	05/23/24	05/25/24	MES
gamma-BHC	ND		ug/Kg	9.8	2	340897	05/23/24	05/25/24	MES
delta-BHC	ND		ug/Kg	9.8	2	340897	05/23/24	05/25/24	MES
Heptachlor	ND		ug/Kg	9.8	2	340897	05/23/24	05/25/24	MES
Aldrin	ND		ug/Kg	9.8	2	340897	05/23/24	05/25/24	MES
Heptachlor epoxide	ND		ug/Kg	9.8	2	340897	05/23/24	05/25/24	MES
Endosulfan I	ND		ug/Kg	9.8	2	340897	05/23/24	05/25/24	MES
Dieldrin	ND		ug/Kg	9.8	2	340897	05/23/24	05/25/24	MES
4,4'-DDE	ND		ug/Kg	9.8	2	340897	05/23/24	05/25/24	MES
Endrin	ND		ug/Kg	9.8	2	340897	05/23/24	05/25/24	MES
Endosulfan II	ND		ug/Kg	9.8	2	340897	05/23/24	05/25/24	MES
Endosulfan sulfate	ND		ug/Kg	9.8	2	340897	05/23/24	05/25/24	MES
4,4'-DDD	ND		ug/Kg	9.8	2	340897	05/23/24	05/25/24	MES
Endrin aldehyde	ND		ug/Kg	9.8	2	340897	05/23/24	05/25/24	MES
Endrin ketone	ND		ug/Kg	9.8	2	340897	05/23/24	05/25/24	MES
4,4'-DDT	ND		ug/Kg	9.8	2	340897	05/23/24	05/25/24	MES

Results for any subcontracted analyses are not included in this section.

Analysis Results for 508749

508749-022 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	20	2	340897	05/23/24	05/25/24	MES
Toxaphene	ND		ug/Kg	200	2	340897	05/23/24	05/25/24	MES
Chlordane (Technical)	ND		ug/Kg	98	2	340897	05/23/24	05/25/24	MES
Surrogates				**Limits**					
TCMX	84%		%REC	23-120	2	340897	05/23/24	05/25/24	MES
Decachlorobiphenyl	78%		%REC	24-120	2	340897	05/23/24	05/25/24	MES

Sample ID: HA-24-025-2.5 **Lab ID: 508749-024** **Collected: 05/16/24 15:10**
Matrix: Soil

508749-024 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**5.6**		mg/Kg	0.97	0.97	340895	05/22/24	05/22/24	SBW
Lead	**14**		mg/Kg	0.97	0.97	340895	05/22/24	05/22/24	SBW
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	4.9	0.99	340897	05/23/24	05/25/24	MES
beta-BHC	ND		ug/Kg	4.9	0.99	340897	05/23/24	05/25/24	MES
gamma-BHC	ND		ug/Kg	4.9	0.99	340897	05/23/24	05/25/24	MES
delta-BHC	ND		ug/Kg	4.9	0.99	340897	05/23/24	05/25/24	MES
Heptachlor	ND		ug/Kg	4.9	0.99	340897	05/23/24	05/25/24	MES
Aldrin	ND		ug/Kg	4.9	0.99	340897	05/23/24	05/25/24	MES
Heptachlor epoxide	ND		ug/Kg	4.9	0.99	340897	05/23/24	05/25/24	MES
Endosulfan I	ND		ug/Kg	4.9	0.99	340897	05/23/24	05/25/24	MES
Dieldrin	ND		ug/Kg	4.9	0.99	340897	05/23/24	05/25/24	MES
4,4'-DDE	ND		ug/Kg	4.9	0.99	340897	05/23/24	05/25/24	MES
Endrin	ND		ug/Kg	4.9	0.99	340897	05/23/24	05/25/24	MES
Endosulfan II	ND		ug/Kg	4.9	0.99	340897	05/23/24	05/25/24	MES
Endosulfan sulfate	ND		ug/Kg	4.9	0.99	340897	05/23/24	05/25/24	MES
4,4'-DDD	ND		ug/Kg	4.9	0.99	340897	05/23/24	05/25/24	MES
Endrin aldehyde	ND		ug/Kg	4.9	0.99	340897	05/23/24	05/25/24	MES
Endrin ketone	ND		ug/Kg	4.9	0.99	340897	05/23/24	05/25/24	MES
4,4'-DDT	ND		ug/Kg	4.9	0.99	340897	05/23/24	05/25/24	MES
Methoxychlor	ND		ug/Kg	9.9	0.99	340897	05/23/24	05/25/24	MES
Toxaphene	ND		ug/Kg	99	0.99	340897	05/23/24	05/25/24	MES
Chlordane (Technical)	ND		ug/Kg	49	0.99	340897	05/23/24	05/25/24	MES
Surrogates				**Limits**					
TCMX	80%		%REC	23-120	0.99	340897	05/23/24	05/25/24	MES
Decachlorobiphenyl	70%		%REC	24-120	0.99	340897	05/23/24	05/25/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 508749

Sample ID: HA-24-013-0.5	Lab ID: 508749-026	Collected: 05/17/24 07:50
	Matrix: Soil	

508749-026 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.95	340895	05/22/24	05/22/24	SBW
Arsenic	**4.8**		mg/Kg	0.95	0.95	340895	05/22/24	05/22/24	SBW
Barium	**73**		mg/Kg	0.95	0.95	340895	05/22/24	05/22/24	SBW
Beryllium	ND		mg/Kg	0.48	0.95	340895	05/22/24	05/22/24	SBW
Cadmium	ND		mg/Kg	0.48	0.95	340895	05/22/24	05/22/24	SBW
Chromium	**19**		mg/Kg	0.95	0.95	340895	05/22/24	05/22/24	SBW
Cobalt	**9.1**		mg/Kg	0.48	0.95	340895	05/22/24	05/22/24	SBW
Copper	**14**		mg/Kg	0.95	0.95	340895	05/22/24	05/22/24	SBW
Lead	**9.9**		mg/Kg	0.95	0.95	340895	05/22/24	05/22/24	SBW
Molybdenum	ND		mg/Kg	0.95	0.95	340895	05/22/24	05/22/24	SBW
Nickel	**8.0**		mg/Kg	0.95	0.95	340895	05/22/24	05/22/24	SBW
Selenium	ND		mg/Kg	2.9	0.95	340895	05/22/24	05/22/24	SBW
Silver	ND		mg/Kg	0.48	0.95	340895	05/22/24	05/22/24	SBW
Thallium	ND		mg/Kg	2.9	0.95	340895	05/22/24	05/22/24	SBW
Vanadium	**45**		mg/Kg	0.95	0.95	340895	05/22/24	05/22/24	SBW
Zinc	**46**		mg/Kg	4.8	0.95	340895	05/22/24	05/22/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	341004	05/23/24	05/23/24	DXC
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	9.9	0.99	341011	05/23/24	05/25/24	DIB
TPH (C13-C22)	ND		mg/Kg	9.9	0.99	341011	05/23/24	05/25/24	DIB
TPH (C23-C44)	**56**		mg/Kg	20	0.99	341011	05/23/24	05/25/24	DIB
Surrogates				**Limits**					
n-Triacontane	119%		%REC	70-130	0.99	341011	05/23/24	05/25/24	DIB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
beta-BHC	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
gamma-BHC	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
delta-BHC	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Heptachlor	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Aldrin	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Endosulfan I	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Dieldrin	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
4,4'-DDE	**5.7**		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Endrin	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Endosulfan II	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
4,4'-DDD	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Endrin aldehyde	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Endrin ketone	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
4,4'-DDT	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR

Results for any subcontracted analyses are not included in this section.

Analysis Results for 508749

508749-026 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	10	1	340925	05/22/24	05/23/24	KLR
Toxaphene	ND		ug/Kg	100	1	340925	05/22/24	05/23/24	KLR
Chlordane (Technical)	ND		ug/Kg	50	1	340925	05/22/24	05/23/24	KLR
Surrogates				**Limits**					
TCMX	94%		%REC	23-120	1	340925	05/22/24	05/23/24	KLR
Decachlorobiphenyl	109%		%REC	24-120	1	340925	05/22/24	05/23/24	KLR

Sample ID: HA-24-013-2.5 **Lab ID: 508749-028** **Collected: 05/17/24 08:50**
Matrix: Soil

508749-028 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**2.7**		mg/Kg	0.97	0.97	340895	05/22/24	05/22/24	SBW
Lead	**1.9**		mg/Kg	0.97	0.97	340895	05/22/24	05/22/24	SBW
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
beta-BHC	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
gamma-BHC	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
delta-BHC	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
Heptachlor	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
Aldrin	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
Endosulfan I	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
Dieldrin	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
4,4'-DDE	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
Endrin	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
Endosulfan II	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
4,4'-DDD	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
Endrin aldehyde	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
Endrin ketone	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
4,4'-DDT	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
Methoxychlor	ND		ug/Kg	10	1	340925	05/22/24	05/23/24	KLR
Toxaphene	ND		ug/Kg	100	1	340925	05/22/24	05/23/24	KLR
Chlordane (Technical)	ND		ug/Kg	51	1	340925	05/22/24	05/23/24	KLR
Surrogates				**Limits**					
TCMX	93%		%REC	23-120	1	340925	05/22/24	05/23/24	KLR
Decachlorobiphenyl	115%		%REC	24-120	1	340925	05/22/24	05/23/24	KLR

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 508749

Sample ID: HA-24-016-0.5	Lab ID: 508749-030	Collected: 05/17/24 09:45
	Matrix: Soil	

508749-030 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	0.99	340895	05/22/24	05/22/24	SBW
Arsenic	**2.7**		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Barium	**92**		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Beryllium	ND		mg/Kg	0.50	0.99	340895	05/22/24	05/22/24	SBW
Cadmium	ND		mg/Kg	0.50	0.99	340895	05/22/24	05/22/24	SBW
Chromium	**15**		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Cobalt	**12**		mg/Kg	0.50	0.99	340895	05/22/24	05/22/24	SBW
Copper	**30**		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Lead	**2.8**		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Molybdenum	ND		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Nickel	**5.8**		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Selenium	ND		mg/Kg	3.0	0.99	340895	05/22/24	05/22/24	SBW
Silver	ND		mg/Kg	0.50	0.99	340895	05/22/24	05/22/24	SBW
Thallium	ND		mg/Kg	3.0	0.99	340895	05/22/24	05/22/24	SBW
Vanadium	**66**		mg/Kg	0.99	0.99	340895	05/22/24	05/22/24	SBW
Zinc	**33**		mg/Kg	5.0	0.99	340895	05/22/24	05/22/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.17	1.2	341004	05/23/24	05/23/24	DXC
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	10	1	341011	05/23/24	05/25/24	DIB
TPH (C13-C22)	ND		mg/Kg	10	1	341011	05/23/24	05/25/24	DIB
TPH (C23-C44)	ND		mg/Kg	20	1	341011	05/23/24	05/25/24	DIB
Surrogates				**Limits**					
n-Triacontane	133%	*	%REC	70-130	1	341011	05/23/24	05/25/24	DIB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
beta-BHC	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
gamma-BHC	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
delta-BHC	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
Heptachlor	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
Aldrin	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
Endosulfan I	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
Dieldrin	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
4,4'-DDE	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
Endrin	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
Endosulfan II	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
4,4'-DDD	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
Endrin aldehyde	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
Endrin ketone	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
4,4'-DDT	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR

Results for any subcontracted analyses are not included in this section.

Analysis Results for 508749

508749-030 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	10	1	340925	05/22/24	05/23/24	KLR
Toxaphene	ND		ug/Kg	100	1	340925	05/22/24	05/23/24	KLR
Chlordane (Technical)	ND		ug/Kg	51	1	340925	05/22/24	05/23/24	KLR
Surrogates				**Limits**					
TCMX	98%		%REC	23-120	1	340925	05/22/24	05/23/24	KLR
Decachlorobiphenyl	116%		%REC	24-120	1	340925	05/22/24	05/23/24	KLR

Sample ID: HA-24-016-2.5 **Lab ID: 508749-032** **Collected: 05/17/24 10:30**
Matrix: Soil

508749-032 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**5.5**		mg/Kg	0.98	0.98	340895	05/22/24	05/22/24	SBW
Lead	**9.2**		mg/Kg	0.98	0.98	340895	05/22/24	05/22/24	SBW
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
beta-BHC	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
gamma-BHC	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
delta-BHC	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Heptachlor	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Aldrin	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Endosulfan I	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Dieldrin	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
4,4'-DDE	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Endrin	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Endosulfan II	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
4,4'-DDD	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Endrin aldehyde	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Endrin ketone	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
4,4'-DDT	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Methoxychlor	ND		ug/Kg	10	1	340925	05/22/24	05/23/24	KLR
Toxaphene	ND		ug/Kg	100	1	340925	05/22/24	05/23/24	KLR
Chlordane (Technical)	ND		ug/Kg	50	1	340925	05/22/24	05/23/24	KLR
Surrogates				**Limits**					
TCMX	96%		%REC	23-120	1	340925	05/22/24	05/23/24	KLR
Decachlorobiphenyl	97%		%REC	24-120	1	340925	05/22/24	05/23/24	KLR

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 508749

Sample ID: HA-24-009-5	Lab ID: 508749-034	Collected: 05/17/24 11:30
	Matrix: Soil	

508749-034 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
beta-BHC	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
gamma-BHC	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
delta-BHC	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
Heptachlor	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
Aldrin	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
Endosulfan I	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
Dieldrin	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
4,4'-DDE	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
Endrin	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
Endosulfan II	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
4,4'-DDD	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
Endrin aldehyde	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
Endrin ketone	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
4,4'-DDT	ND		ug/Kg	5.1	1	340925	05/22/24	05/23/24	KLR
Methoxychlor	ND		ug/Kg	10	1	340925	05/22/24	05/23/24	KLR
Toxaphene	ND		ug/Kg	100	1	340925	05/22/24	05/23/24	KLR
Chlordane (Technical)	**180**		ug/Kg	51	1	340925	05/22/24	05/23/24	KLR
Surrogates				**Limits**					
TCMX	97%		%REC	23-120	1	340925	05/22/24	05/23/24	KLR
Decachlorobiphenyl	104%		%REC	24-120	1	340925	05/22/24	05/23/24	KLR

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 508749

Sample ID: HA-24-009-6	Lab ID: 508749-035	Collected: 05/17/24 12:00
	Matrix: Soil	

508749-035 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
beta-BHC	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
gamma-BHC	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
delta-BHC	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Heptachlor	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Aldrin	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Endosulfan I	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Dieldrin	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
4,4'-DDE	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Endrin	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Endosulfan II	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
4,4'-DDD	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Endrin aldehyde	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Endrin ketone	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
4,4'-DDT	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Methoxychlor	ND		ug/Kg	10	1	340925	05/22/24	05/23/24	KLR
Toxaphene	ND		ug/Kg	100	1	340925	05/22/24	05/23/24	KLR
Chlordane (Technical)	ND		ug/Kg	50	1	340925	05/22/24	05/23/24	KLR
Surrogates				**Limits**					
TCMX	91%		%REC	23-120	1	340925	05/22/24	05/23/24	KLR
Decachlorobiphenyl	117%		%REC	24-120	1	340925	05/22/24	05/23/24	KLR

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 508749

Sample ID: HA-24-021-0.5	Lab ID: 508749-036	Collected: 05/17/24 13:00
	Matrix: Soil	

508749-036 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	0.99	340922	05/22/24	05/22/24	SBW
Arsenic	**1.4**		mg/Kg	0.99	0.99	340922	05/22/24	05/22/24	SBW
Barium	**120**		mg/Kg	0.99	0.99	340922	05/22/24	05/22/24	SBW
Beryllium	ND		mg/Kg	0.50	0.99	340922	05/22/24	05/22/24	SBW
Cadmium	ND		mg/Kg	0.50	0.99	340922	05/22/24	05/22/24	SBW
Chromium	**6.9**		mg/Kg	0.99	0.99	340922	05/22/24	05/22/24	SBW
Cobalt	**11**		mg/Kg	0.50	0.99	340922	05/22/24	05/22/24	SBW
Copper	**30**		mg/Kg	0.99	0.99	340922	05/22/24	05/22/24	SBW
Lead	**1.2**		mg/Kg	0.99	0.99	340922	05/22/24	05/22/24	SBW
Molybdenum	ND		mg/Kg	0.99	0.99	340922	05/22/24	05/22/24	SBW
Nickel	**3.4**		mg/Kg	0.99	0.99	340922	05/22/24	05/22/24	SBW
Selenium	ND		mg/Kg	3.0	0.99	340922	05/22/24	05/22/24	SBW
Silver	ND		mg/Kg	0.50	0.99	340922	05/22/24	05/22/24	SBW
Thallium	ND		mg/Kg	3.0	0.99	340922	05/22/24	05/22/24	SBW
Vanadium	**69**		mg/Kg	0.99	0.99	340922	05/22/24	05/22/24	SBW
Zinc	**26**		mg/Kg	5.0	0.99	340922	05/22/24	05/22/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.2	341004	05/23/24	05/23/24	DXC
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	10	1	341011	05/23/24	05/25/24	DIB
TPH (C13-C22)	ND		mg/Kg	10	1	341011	05/23/24	05/25/24	DIB
TPH (C23-C44)	**59**		mg/Kg	20	1	341011	05/23/24	05/25/24	DIB
Surrogates				**Limits**					
n-Triacontane	118%		%REC	70-130	1	341011	05/23/24	05/25/24	DIB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
beta-BHC	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
gamma-BHC	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
delta-BHC	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Heptachlor	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Aldrin	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Endosulfan I	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Dieldrin	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
4,4'-DDE	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Endrin	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Endosulfan II	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
4,4'-DDD	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Endrin aldehyde	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Endrin ketone	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
4,4'-DDT	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR

Results for any subcontracted analyses are not included in this section.

Analysis Results for 508749

508749-036 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	10	1	340925	05/22/24	05/23/24	KLR
Toxaphene	ND		ug/Kg	100	1	340925	05/22/24	05/23/24	KLR
Chlordane (Technical)	ND		ug/Kg	50	1	340925	05/22/24	05/23/24	KLR
Surrogates				**Limits**					
TCMX	96%		%REC	23-120	1	340925	05/22/24	05/23/24	KLR
Decachlorobiphenyl	102%		%REC	24-120	1	340925	05/22/24	05/23/24	KLR

Sample ID: HA-24-021-2.5 **Lab ID: 508749-038** **Collected: 05/17/24 13:50**
Matrix: Soil

508749-038 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**3.2**		mg/Kg	0.97	0.97	340922	05/22/24	05/23/24	SBW
Lead	**2.2**		mg/Kg	0.97	0.97	340922	05/22/24	05/23/24	SBW
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
beta-BHC	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
gamma-BHC	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
delta-BHC	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Heptachlor	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Aldrin	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Endosulfan I	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Dieldrin	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
4,4'-DDE	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Endrin	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Endosulfan II	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
4,4'-DDD	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Endrin aldehyde	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Endrin ketone	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
4,4'-DDT	ND		ug/Kg	5.0	1	340925	05/22/24	05/23/24	KLR
Methoxychlor	ND		ug/Kg	10	1	340925	05/22/24	05/23/24	KLR
Toxaphene	ND		ug/Kg	100	1	340925	05/22/24	05/23/24	KLR
Chlordane (Technical)	ND		ug/Kg	50	1	340925	05/22/24	05/23/24	KLR
Surrogates				**Limits**					
TCMX	91%		%REC	23-120	1	340925	05/22/24	05/23/24	KLR
Decachlorobiphenyl	124%	*	%REC	24-120	1	340925	05/22/24	05/23/24	KLR

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 508749

Sample ID: HA-24-022-0.5	Lab ID: 508749-040	Collected: 05/17/24 14:40
	Matrix: Soil	

508749-040 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.98	340922	05/22/24	05/23/24	SBW
Arsenic	**1.2**		mg/Kg	0.98	0.98	340922	05/22/24	05/23/24	SBW
Barium	**140**		mg/Kg	0.98	0.98	340922	05/22/24	05/23/24	SBW
Beryllium	ND		mg/Kg	0.49	0.98	340922	05/22/24	05/23/24	SBW
Cadmium	ND		mg/Kg	0.49	0.98	340922	05/22/24	05/23/24	SBW
Chromium	**5.9**		mg/Kg	0.98	0.98	340922	05/22/24	05/23/24	SBW
Cobalt	**9.1**		mg/Kg	0.49	0.98	340922	05/22/24	05/23/24	SBW
Copper	**34**		mg/Kg	0.98	0.98	340922	05/22/24	05/23/24	SBW
Lead	ND		mg/Kg	0.98	0.98	340922	05/22/24	05/23/24	SBW
Molybdenum	ND		mg/Kg	0.98	0.98	340922	05/22/24	05/23/24	SBW
Nickel	**3.3**		mg/Kg	0.98	0.98	340922	05/22/24	05/23/24	SBW
Selenium	ND		mg/Kg	2.9	0.98	340922	05/22/24	05/23/24	SBW
Silver	ND		mg/Kg	0.49	0.98	340922	05/22/24	05/23/24	SBW
Thallium	ND		mg/Kg	2.9	0.98	340922	05/22/24	05/23/24	SBW
Vanadium	**83**		mg/Kg	0.98	0.98	340922	05/22/24	05/23/24	SBW
Zinc	**28**		mg/Kg	4.9	0.98	340922	05/22/24	05/23/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	341004	05/23/24	05/23/24	DXC
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	9.9	0.99	341011	05/23/24	05/25/24	DIB
TPH (C13-C22)	ND		mg/Kg	9.9	0.99	341011	05/23/24	05/25/24	DIB
TPH (C23-C44)	ND		mg/Kg	20	0.99	341011	05/23/24	05/25/24	DIB
Surrogates				**Limits**					
n-Triacontane	110%		%REC	70-130	0.99	341011	05/23/24	05/25/24	DIB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	340925	05/22/24	05/23/24	KLR
beta-BHC	ND		ug/Kg	5.0	0.99	340925	05/22/24	05/23/24	KLR
gamma-BHC	ND		ug/Kg	5.0	0.99	340925	05/22/24	05/23/24	KLR
delta-BHC	ND		ug/Kg	5.0	0.99	340925	05/22/24	05/23/24	KLR
Heptachlor	ND		ug/Kg	5.0	0.99	340925	05/22/24	05/23/24	KLR
Aldrin	ND		ug/Kg	5.0	0.99	340925	05/22/24	05/23/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	340925	05/22/24	05/23/24	KLR
Endosulfan I	ND		ug/Kg	5.0	0.99	340925	05/22/24	05/23/24	KLR
Dieldrin	ND		ug/Kg	5.0	0.99	340925	05/22/24	05/23/24	KLR
4,4'-DDE	ND		ug/Kg	5.0	0.99	340925	05/22/24	05/23/24	KLR
Endrin	ND		ug/Kg	5.0	0.99	340925	05/22/24	05/23/24	KLR
Endosulfan II	ND		ug/Kg	5.0	0.99	340925	05/22/24	05/23/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	340925	05/22/24	05/23/24	KLR
4,4'-DDD	ND		ug/Kg	5.0	0.99	340925	05/22/24	05/23/24	KLR
Endrin aldehyde	ND		ug/Kg	5.0	0.99	340925	05/22/24	05/23/24	KLR
Endrin ketone	ND		ug/Kg	5.0	0.99	340925	05/22/24	05/23/24	KLR
4,4'-DDT	ND		ug/Kg	5.0	0.99	340925	05/22/24	05/23/24	KLR

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 508749

508749-040 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	9.9	0.99	340925	05/22/24	05/23/24	KLR
Toxaphene	ND		ug/Kg	99	0.99	340925	05/22/24	05/23/24	KLR
Chlordane (Technical)	ND		ug/Kg	50	0.99	340925	05/22/24	05/23/24	KLR
Surrogates				**Limits**					
TCMX	98%		%REC	23-120	0.99	340925	05/22/24	05/23/24	KLR
Decachlorobiphenyl	106%		%REC	24-120	0.99	340925	05/22/24	05/23/24	KLR

Sample ID: HA-24-022-2.5 **Lab ID: 508749-042** **Collected: 05/17/24 15:30**
Matrix: Soil

508749-042 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**2.6**		mg/Kg	0.97	0.97	340922	05/22/24	05/23/24	SBW
Lead	**2.0**		mg/Kg	0.97	0.97	340922	05/22/24	05/23/24	SBW
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	340925	05/22/24	05/24/24	KLR
beta-BHC	ND		ug/Kg	5.0	1	340925	05/22/24	05/24/24	KLR
gamma-BHC	ND		ug/Kg	5.0	1	340925	05/22/24	05/24/24	KLR
delta-BHC	ND		ug/Kg	5.0	1	340925	05/22/24	05/24/24	KLR
Heptachlor	ND		ug/Kg	5.0	1	340925	05/22/24	05/24/24	KLR
Aldrin	ND		ug/Kg	5.0	1	340925	05/22/24	05/24/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.0	1	340925	05/22/24	05/24/24	KLR
Endosulfan I	ND		ug/Kg	5.0	1	340925	05/22/24	05/24/24	KLR
Dieldrin	ND		ug/Kg	5.0	1	340925	05/22/24	05/24/24	KLR
4,4'-DDE	ND		ug/Kg	5.0	1	340925	05/22/24	05/24/24	KLR
Endrin	ND		ug/Kg	5.0	1	340925	05/22/24	05/24/24	KLR
Endosulfan II	ND		ug/Kg	5.0	1	340925	05/22/24	05/24/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.0	1	340925	05/22/24	05/24/24	KLR
4,4'-DDD	ND		ug/Kg	5.0	1	340925	05/22/24	05/24/24	KLR
Endrin aldehyde	ND		ug/Kg	5.0	1	340925	05/22/24	05/24/24	KLR
Endrin ketone	ND		ug/Kg	5.0	1	340925	05/22/24	05/24/24	KLR
4,4'-DDT	ND		ug/Kg	5.0	1	340925	05/22/24	05/24/24	KLR
Methoxychlor	ND		ug/Kg	10	1	340925	05/22/24	05/24/24	KLR
Toxaphene	ND		ug/Kg	100	1	340925	05/22/24	05/24/24	KLR
Chlordane (Technical)	ND		ug/Kg	50	1	340925	05/22/24	05/24/24	KLR
Surrogates				**Limits**					
TCMX	96%		%REC	23-120	1	340925	05/22/24	05/24/24	KLR
Decachlorobiphenyl	119%		%REC	24-120	1	340925	05/22/24	05/24/24	KLR

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 508749

Sample ID: HA-24-020-0.5	Lab ID: 508749-044	Collected: 05/20/24 07:20
	Matrix: Soil	

508749-044 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.95	340922	05/22/24	05/23/24	SBW
Arsenic	**1.5**		mg/Kg	0.95	0.95	340922	05/22/24	05/23/24	SBW
Barium	**74**		mg/Kg	0.95	0.95	340922	05/22/24	05/23/24	SBW
Beryllium	ND		mg/Kg	0.48	0.95	340922	05/22/24	05/23/24	SBW
Cadmium	ND		mg/Kg	0.48	0.95	340922	05/22/24	05/23/24	SBW
Chromium	**10**		mg/Kg	0.95	0.95	340922	05/22/24	05/23/24	SBW
Cobalt	**16**		mg/Kg	0.48	0.95	340922	05/22/24	05/23/24	SBW
Copper	**42**		mg/Kg	0.95	0.95	340922	05/22/24	05/23/24	SBW
Lead	**1.6**		mg/Kg	0.95	0.95	340922	05/22/24	05/23/24	SBW
Molybdenum	ND		mg/Kg	0.95	0.95	340922	05/22/24	05/23/24	SBW
Nickel	**6.0**		mg/Kg	0.95	0.95	340922	05/22/24	05/23/24	SBW
Selenium	ND		mg/Kg	2.9	0.95	340922	05/22/24	05/23/24	SBW
Silver	ND		mg/Kg	0.48	0.95	340922	05/22/24	05/23/24	SBW
Thallium	ND		mg/Kg	2.9	0.95	340922	05/22/24	05/23/24	SBW
Vanadium	**49**		mg/Kg	0.95	0.95	340922	05/22/24	05/23/24	SBW
Zinc	**20**		mg/Kg	4.8	0.95	340922	05/22/24	05/23/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	341004	05/23/24	05/23/24	DXC
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	**13**		mg/Kg	10	1	341011	05/23/24	05/25/24	DIB
TPH (C13-C22)	ND		mg/Kg	10	1	341011	05/23/24	05/25/24	DIB
TPH (C23-C44)	**54**		mg/Kg	20	1	341011	05/23/24	05/25/24	DIB
Surrogates				**Limits**					
n-Triacontane	95%		%REC	70-130	1	341011	05/23/24	05/25/24	DIB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	340925	05/22/24	05/24/24	KLR
beta-BHC	ND		ug/Kg	5.0	1	340925	05/22/24	05/24/24	KLR
gamma-BHC	ND		ug/Kg	5.0	1	340925	05/22/24	05/24/24	KLR
delta-BHC	ND		ug/Kg	5.0	1	340925	05/22/24	05/24/24	KLR
Heptachlor	ND		ug/Kg	5.0	1	340925	05/22/24	05/24/24	KLR
Aldrin	ND		ug/Kg	5.0	1	340925	05/22/24	05/24/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.0	1	340925	05/22/24	05/24/24	KLR
Endosulfan I	ND		ug/Kg	5.0	1	340925	05/22/24	05/24/24	KLR
Dieldrin	ND		ug/Kg	5.0	1	340925	05/22/24	05/24/24	KLR
4,4'-DDE	ND		ug/Kg	5.0	1	340925	05/22/24	05/24/24	KLR
Endrin	ND		ug/Kg	5.0	1	340925	05/22/24	05/24/24	KLR
Endosulfan II	ND		ug/Kg	5.0	1	340925	05/22/24	05/24/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.0	1	340925	05/22/24	05/24/24	KLR
4,4'-DDD	ND		ug/Kg	5.0	1	340925	05/22/24	05/24/24	KLR
Endrin aldehyde	ND		ug/Kg	5.0	1	340925	05/22/24	05/24/24	KLR
Endrin ketone	ND		ug/Kg	5.0	1	340925	05/22/24	05/24/24	KLR
4,4'-DDT	ND		ug/Kg	5.0	1	340925	05/22/24	05/24/24	KLR

Results for any subcontracted analyses are not included in this section.

Analysis Results for 508749

508749-044 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	10	1	340925	05/22/24	05/24/24	KLR
Toxaphene	ND		ug/Kg	100	1	340925	05/22/24	05/24/24	KLR
Chlordane (Technical)	ND		ug/Kg	50	1	340925	05/22/24	05/24/24	KLR
Surrogates				**Limits**					
TCMX	94%		%REC	23-120	1	340925	05/22/24	05/24/24	KLR
Decachlorobiphenyl	119%		%REC	24-120	1	340925	05/22/24	05/24/24	KLR

Sample ID: HA-24-020-2.5 **Lab ID: 508749-046** **Collected: 05/20/24 08:05**
Matrix: Soil

508749-046 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**2.2**		mg/Kg	1.0	1	340922	05/22/24	05/23/24	SBW
Lead	ND		mg/Kg	1.0	1	340922	05/22/24	05/23/24	SBW
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/25/24	MES
beta-BHC	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/25/24	MES
gamma-BHC	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/25/24	MES
delta-BHC	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/25/24	MES
Heptachlor	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/25/24	MES
Aldrin	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/25/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/25/24	MES
Endosulfan I	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/25/24	MES
Dieldrin	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/25/24	MES
4,4'-DDE	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/25/24	MES
Endrin	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/25/24	MES
Endosulfan II	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/25/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/25/24	MES
4,4'-DDD	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/25/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/25/24	MES
Endrin ketone	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/25/24	MES
4,4'-DDT	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/25/24	MES
Methoxychlor	ND		ug/Kg	9.9	0.99	340976	05/23/24	05/25/24	MES
Toxaphene	ND		ug/Kg	99	0.99	340976	05/23/24	05/25/24	MES
Chlordane (Technical)	ND		ug/Kg	50	0.99	340976	05/23/24	05/25/24	MES
Surrogates				**Limits**					
TCMX	49%		%REC	23-120	0.99	340976	05/23/24	05/25/24	MES
Decachlorobiphenyl	31%		%REC	24-120	0.99	340976	05/23/24	05/25/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 508749

Sample ID: HA-24-019-0.5	Lab ID: 508749-048	Collected: 05/20/24 08:50
	Matrix: Soil	

508749-048 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	1	340922	05/22/24	05/23/24	SBW
Arsenic	**1.3**		mg/Kg	1.0	1	340922	05/22/24	05/23/24	SBW
Barium	**110**		mg/Kg	1.0	1	340922	05/22/24	05/23/24	SBW
Beryllium	ND		mg/Kg	0.50	1	340922	05/22/24	05/23/24	SBW
Cadmium	ND		mg/Kg	0.50	1	340922	05/22/24	05/23/24	SBW
Chromium	**6.0**		mg/Kg	1.0	1	340922	05/22/24	05/23/24	SBW
Cobalt	**7.3**		mg/Kg	0.50	1	340922	05/22/24	05/23/24	SBW
Copper	**30**		mg/Kg	1.0	1	340922	05/22/24	05/23/24	SBW
Lead	**1.2**		mg/Kg	1.0	1	340922	05/22/24	05/23/24	SBW
Molybdenum	ND		mg/Kg	1.0	1	340922	05/22/24	05/23/24	SBW
Nickel	**3.1**		mg/Kg	1.0	1	340922	05/22/24	05/23/24	SBW
Selenium	ND		mg/Kg	3.0	1	340922	05/22/24	05/23/24	SBW
Silver	ND		mg/Kg	0.50	1	340922	05/22/24	05/23/24	SBW
Thallium	ND		mg/Kg	3.0	1	340922	05/22/24	05/23/24	SBW
Vanadium	**65**		mg/Kg	1.0	1	340922	05/22/24	05/23/24	SBW
Zinc	**24**		mg/Kg	5.0	1	340922	05/22/24	05/23/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.2	341004	05/23/24	05/23/24	DXC
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	9.9	0.99	341011	05/23/24	05/25/24	DIB
TPH (C13-C22)	ND		mg/Kg	9.9	0.99	341011	05/23/24	05/25/24	DIB
TPH (C23-C44)	**35**		mg/Kg	20	0.99	341011	05/23/24	05/25/24	DIB
Surrogates				**Limits**					
n-Triacontane	127%		%REC	70-130	0.99	341011	05/23/24	05/25/24	DIB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/26/24	MES
beta-BHC	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/26/24	MES
gamma-BHC	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/26/24	MES
delta-BHC	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/26/24	MES
Heptachlor	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/26/24	MES
Aldrin	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/26/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/26/24	MES
Endosulfan I	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/26/24	MES
Dieldrin	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/26/24	MES
4,4'-DDE	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/26/24	MES
Endrin	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/26/24	MES
Endosulfan II	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/26/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/26/24	MES
4,4'-DDD	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/26/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/26/24	MES
Endrin ketone	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/26/24	MES
4,4'-DDT	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/26/24	MES

Results for any subcontracted analyses are not included in this section.

Analysis Results for 508749

508749-048 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	9.9	0.99	340976	05/23/24	05/26/24	MES
Toxaphene	ND		ug/Kg	99	0.99	340976	05/23/24	05/26/24	MES
Chlordane (Technical)	ND		ug/Kg	50	0.99	340976	05/23/24	05/26/24	MES
Surrogates				**Limits**					
TCMX	54%		%REC	23-120	0.99	340976	05/23/24	05/26/24	MES
Decachlorobiphenyl	48%		%REC	24-120	0.99	340976	05/23/24	05/26/24	MES

Sample ID: HA-24-019-2.5 **Lab ID: 508749-050** **Collected: 05/20/24 09:55**
Matrix: Soil

508749-050 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**2.1**		mg/Kg	0.99	0.99	340922	05/22/24	05/23/24	SBW
Lead	ND		mg/Kg	0.99	0.99	340922	05/22/24	05/23/24	SBW
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	340976	05/23/24	05/26/24	MES
beta-BHC	ND		ug/Kg	5.1	1	340976	05/23/24	05/26/24	MES
gamma-BHC	ND		ug/Kg	5.1	1	340976	05/23/24	05/26/24	MES
delta-BHC	ND		ug/Kg	5.1	1	340976	05/23/24	05/26/24	MES
Heptachlor	ND		ug/Kg	5.1	1	340976	05/23/24	05/26/24	MES
Aldrin	ND		ug/Kg	5.1	1	340976	05/23/24	05/26/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1	340976	05/23/24	05/26/24	MES
Endosulfan I	ND		ug/Kg	5.1	1	340976	05/23/24	05/26/24	MES
Dieldrin	ND		ug/Kg	5.1	1	340976	05/23/24	05/26/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1	340976	05/23/24	05/26/24	MES
Endrin	ND		ug/Kg	5.1	1	340976	05/23/24	05/26/24	MES
Endosulfan II	ND		ug/Kg	5.1	1	340976	05/23/24	05/26/24	MES
Endosulfan sulfate	ND		ug/Kg	5.1	1	340976	05/23/24	05/26/24	MES
4,4'-DDD	ND		ug/Kg	5.1	1	340976	05/23/24	05/26/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	1	340976	05/23/24	05/26/24	MES
Endrin ketone	ND		ug/Kg	5.1	1	340976	05/23/24	05/26/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1	340976	05/23/24	05/26/24	MES
Methoxychlor	ND		ug/Kg	10	1	340976	05/23/24	05/26/24	MES
Toxaphene	ND		ug/Kg	100	1	340976	05/23/24	05/26/24	MES
Chlordane (Technical)	ND		ug/Kg	51	1	340976	05/23/24	05/26/24	MES
Surrogates				**Limits**					
TCMX	55%		%REC	23-120	1	340976	05/23/24	05/26/24	MES
Decachlorobiphenyl	46%		%REC	24-120	1	340976	05/23/24	05/26/24	MES

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 508749

Sample ID: HA-24-017-0.5	Lab ID: 508749-052	Collected: 05/20/24 10:45
	Matrix: Soil	

508749-052 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.98	340922	05/22/24	05/23/24	SBW
Arsenic	**2.1**		mg/Kg	0.98	0.98	340922	05/22/24	05/23/24	SBW
Barium	**98**		mg/Kg	0.98	0.98	340922	05/22/24	05/23/24	SBW
Beryllium	ND		mg/Kg	0.49	0.98	340922	05/22/24	05/23/24	SBW
Cadmium	ND		mg/Kg	0.49	0.98	340922	05/22/24	05/23/24	SBW
Chromium	**13**		mg/Kg	0.98	0.98	340922	05/22/24	05/23/24	SBW
Cobalt	**6.7**		mg/Kg	0.49	0.98	340922	05/22/24	05/23/24	SBW
Copper	**15**		mg/Kg	0.98	0.98	340922	05/22/24	05/23/24	SBW
Lead	**2.8**		mg/Kg	0.98	0.98	340922	05/22/24	05/23/24	SBW
Molybdenum	ND		mg/Kg	0.98	0.98	340922	05/22/24	05/23/24	SBW
Nickel	**4.6**		mg/Kg	0.98	0.98	340922	05/22/24	05/23/24	SBW
Selenium	ND		mg/Kg	2.9	0.98	340922	05/22/24	05/23/24	SBW
Silver	ND		mg/Kg	0.49	0.98	340922	05/22/24	05/23/24	SBW
Thallium	ND		mg/Kg	2.9	0.98	340922	05/22/24	05/23/24	SBW
Vanadium	**56**		mg/Kg	0.98	0.98	340922	05/22/24	05/23/24	SBW
Zinc	**19**		mg/Kg	4.9	0.98	340922	05/22/24	05/23/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.2	341004	05/23/24	05/23/24	DXC
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	10	1	341011	05/23/24	05/25/24	DIB
TPH (C13-C22)	ND		mg/Kg	10	1	341011	05/23/24	05/25/24	DIB
TPH (C23-C44)	ND		mg/Kg	20	1	341011	05/23/24	05/25/24	DIB
Surrogates				**Limits**					
n-Triacontane	120%		%REC	70-130	1	341011	05/23/24	05/25/24	DIB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/26/24	MES
beta-BHC	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/26/24	MES
gamma-BHC	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/26/24	MES
delta-BHC	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/26/24	MES
Heptachlor	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/26/24	MES
Aldrin	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/26/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/26/24	MES
Endosulfan I	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/26/24	MES
Dieldrin	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/26/24	MES
4,4'-DDE	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/26/24	MES
Endrin	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/26/24	MES
Endosulfan II	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/26/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/26/24	MES
4,4'-DDD	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/26/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/26/24	MES
Endrin ketone	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/26/24	MES
4,4'-DDT	ND		ug/Kg	5.0	0.99	340976	05/23/24	05/26/24	MES

Results for any subcontracted analyses are not included in this section.

Analysis Results for 508749

508749-052 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	9.9	0.99	340976	05/23/24	05/26/24	MES
Toxaphene	ND		ug/Kg	99	0.99	340976	05/23/24	05/26/24	MES
Chlordane (Technical)	ND		ug/Kg	50	0.99	340976	05/23/24	05/26/24	MES
Surrogates				**Limits**					
TCMX	59%		%REC	23-120	0.99	340976	05/23/24	05/26/24	MES
Decachlorobiphenyl	57%		%REC	24-120	0.99	340976	05/23/24	05/26/24	MES

Sample ID: HA-24-017-1.5 **Lab ID: 508749-053** **Collected: 05/20/24 11:10**
Matrix: Soil

508749-053 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**5.1**		mg/Kg	0.98	0.98	340922	05/22/24	05/23/24	SBW
Lead	**14**		mg/Kg	0.98	0.98	340922	05/22/24	05/23/24	SBW
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	340976	05/23/24	05/26/24	MES
beta-BHC	ND		ug/Kg	5.1	1	340976	05/23/24	05/26/24	MES
gamma-BHC	ND		ug/Kg	5.1	1	340976	05/23/24	05/26/24	MES
delta-BHC	ND		ug/Kg	5.1	1	340976	05/23/24	05/26/24	MES
Heptachlor	ND		ug/Kg	5.1	1	340976	05/23/24	05/26/24	MES
Aldrin	ND		ug/Kg	5.1	1	340976	05/23/24	05/26/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1	340976	05/23/24	05/26/24	MES
Endosulfan I	ND		ug/Kg	5.1	1	340976	05/23/24	05/26/24	MES
Dieldrin	ND		ug/Kg	5.1	1	340976	05/23/24	05/26/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1	340976	05/23/24	05/26/24	MES
Endrin	ND		ug/Kg	5.1	1	340976	05/23/24	05/26/24	MES
Endosulfan II	ND		ug/Kg	5.1	1	340976	05/23/24	05/26/24	MES
Endosulfan sulfate	ND		ug/Kg	5.1	1	340976	05/23/24	05/26/24	MES
4,4'-DDD	ND		ug/Kg	5.1	1	340976	05/23/24	05/26/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	1	340976	05/23/24	05/26/24	MES
Endrin ketone	ND		ug/Kg	5.1	1	340976	05/23/24	05/26/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1	340976	05/23/24	05/26/24	MES
Methoxychlor	ND		ug/Kg	10	1	340976	05/23/24	05/26/24	MES
Toxaphene	ND		ug/Kg	100	1	340976	05/23/24	05/26/24	MES
Chlordane (Technical)	ND		ug/Kg	51	1	340976	05/23/24	05/26/24	MES
Surrogates				**Limits**					
TCMX	32%		%REC	23-120	1	340976	05/23/24	05/26/24	MES
Decachlorobiphenyl	28%		%REC	24-120	1	340976	05/23/24	05/26/24	MES

Results for any subcontracted analyses are not included in this section.

Analysis Results for 508749

Sample ID:	Lab ID: 508749-054	Collected: 05/20/24 11:10
COMP HA-24-015-0.5, 1.5		

508749-054 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3010A										
Lead	ND		mg/L	0.015	TCLP Leachate	1	342379	06/10/24	06/10/24	SBW
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	2.9	Soil	0.97	342160	06/07/24	06/07/24	SBW
Arsenic	**5.2**		mg/Kg	0.97	Soil	0.97	342160	06/07/24	06/07/24	SBW
Barium	**77**		mg/Kg	0.97	Soil	0.97	342160	06/07/24	06/07/24	SBW
Beryllium	ND		mg/Kg	0.49	Soil	0.97	342160	06/07/24	06/07/24	SBW
Cadmium	ND		mg/Kg	0.49	Soil	0.97	342160	06/07/24	06/07/24	SBW
Chromium	**16**		mg/Kg	0.97	Soil	0.97	342160	06/07/24	06/07/24	SBW
Cobalt	**17**		mg/Kg	0.49	Soil	0.97	342160	06/07/24	06/07/24	SBW
Copper	**49**		mg/Kg	0.97	Soil	0.97	342160	06/07/24	06/07/24	SBW
Lead	**8.5**		mg/Kg	0.97	Soil	0.97	342160	06/07/24	06/07/24	SBW
Molybdenum	ND		mg/Kg	0.97	Soil	0.97	342160	06/07/24	06/07/24	SBW
Nickel	**8.0**		mg/Kg	0.97	Soil	0.97	342160	06/07/24	06/07/24	SBW
Selenium	ND		mg/Kg	2.9	Soil	0.97	342160	06/07/24	06/07/24	SBW
Silver	ND		mg/Kg	0.49	Soil	0.97	342160	06/07/24	06/07/24	SBW
Thallium	ND		mg/Kg	2.9	Soil	0.97	342160	06/07/24	06/07/24	SBW
Vanadium	**35**		mg/Kg	0.97	Soil	0.97	342160	06/07/24	06/07/24	SBW
Zinc	**39**		mg/Kg	4.9	Soil	0.97	342160	06/07/24	06/07/24	SBW
Method: EPA 6010B Prep Method: METHOD										
Lead	ND		mg/L	0.15	WET Leachate	10	342372	06/10/24	06/10/24	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	ND		mg/Kg	0.14	Soil	1	342210	06/07/24	06/07/24	MLL

* Value is outside QC limits
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1160131	Batch: 342379
Matrix: TCLP Leachate	Method: EPA 6010B	Prep Method: EPA 3010A

QC1160131 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Lead	ND		mg/L	0.015	06/10/24	06/10/24

Type: Lab Control Sample	Lab ID: QC1160132	Batch: 342379
Matrix: TCLP Leachate	Method: EPA 6010B	Prep Method: EPA 3010A

QC1160132 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Lead	1.815	2.000	mg/L	91%		80-120

Type: Matrix Spike	Lab ID: QC1160133	Batch: 342379
Matrix (Source ID): TCLP Leachate (509647-004)	Method: EPA 6010B	Prep Method: EPA 3010A

QC1160133 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Lead	1.840	0.07805	2.000	mg/L	88%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1160134	Batch: 342379
Matrix (Source ID): TCLP Leachate (509647-004)	Method: EPA 6010B	Prep Method: EPA 3010A

QC1160134 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Lead	1.811	0.07805	2.000	mg/L	87%		75-125	2	20	1

Type: Blank	Lab ID: QC1160138	Batch: 342379
Matrix: TCLP Leachate	Method: EPA 6010B	Prep Method: EPA 3010A

QC1160138 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Lead	ND		mg/L	0.015	06/10/24	06/10/24

Type: Blank	Lab ID: QC1160106	Batch: 342372
Matrix: WET Leachate	Method: EPA 6010B	Prep Method: METHOD

QC1160106 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Lead	ND		mg/L	0.15	06/10/24	06/10/24

Type: Lab Control Sample	Lab ID: QC1160107	Batch: 342372
Matrix: WET Leachate	Method: EPA 6010B	Prep Method: METHOD

QC1160107 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Lead	4.256	4.000	mg/L	106%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	Lab Control Sample Duplicate	Lab ID:	QC1160108	Batch:	342372
Matrix:	WET Leachate	Method:	EPA 6010B	Prep Method:	METHOD

QC1160108 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Lead	4.240	4.000	mg/L	106%		80-120	0	20

Type:	Blank	Lab ID:	QC1155129	Batch:	340895
Matrix:	Soil	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1155129 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	05/22/24	05/22/24
Arsenic	ND		mg/Kg	1.0	05/22/24	05/22/24
Barium	ND		mg/Kg	1.0	05/22/24	05/22/24
Beryllium	ND		mg/Kg	0.50	05/22/24	05/22/24
Cadmium	ND		mg/Kg	0.50	05/22/24	05/22/24
Chromium	ND		mg/Kg	1.0	05/22/24	05/22/24
Cobalt	ND		mg/Kg	0.50	05/22/24	05/22/24
Copper	ND		mg/Kg	1.0	05/22/24	05/22/24
Lead	ND		mg/Kg	1.0	05/22/24	05/22/24
Molybdenum	ND		mg/Kg	1.0	05/22/24	05/22/24
Nickel	ND		mg/Kg	1.0	05/22/24	05/22/24
Selenium	ND		mg/Kg	3.0	05/22/24	05/22/24
Silver	ND		mg/Kg	0.50	05/22/24	05/22/24
Thallium	ND		mg/Kg	3.0	05/22/24	05/22/24
Vanadium	ND		mg/Kg	1.0	05/22/24	05/22/24
Zinc	ND		mg/Kg	5.0	05/22/24	05/22/24

Type:	Lab Control Sample	Lab ID:	QC1155130	Batch:	340895
Matrix:	Soil	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1155130 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	98.42	100.0	mg/Kg	98%		80-120
Arsenic	94.16	100.0	mg/Kg	94%		80-120
Barium	100.6	100.0	mg/Kg	101%		80-120
Beryllium	98.36	100.0	mg/Kg	98%		80-120
Cadmium	97.08	100.0	mg/Kg	97%		80-120
Chromium	97.17	100.0	mg/Kg	97%		80-120
Cobalt	104.0	100.0	mg/Kg	104%		80-120
Copper	94.78	100.0	mg/Kg	95%		80-120
Lead	102.3	100.0	mg/Kg	102%		80-120
Molybdenum	96.41	100.0	mg/Kg	96%		80-120
Nickel	102.5	100.0	mg/Kg	103%		80-120
Selenium	89.74	100.0	mg/Kg	90%		80-120
Silver	47.52	50.00	mg/Kg	95%		80-120
Thallium	99.21	100.0	mg/Kg	99%		80-120
Vanadium	97.57	100.0	mg/Kg	98%		80-120
Zinc	97.90	100.0	mg/Kg	98%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1155131	Batch:	340895
Matrix (Source ID):	Soil (508749-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1155131 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	28.22	ND	95.24	mg/Kg	30%	*	75-125	0.95
Arsenic	92.20	4.227	95.24	mg/Kg	92%		75-125	0.95
Barium	184.7	98.24	95.24	mg/Kg	91%		75-125	0.95
Beryllium	92.97	0.2708	95.24	mg/Kg	97%		75-125	0.95
Cadmium	89.13	0.2573	95.24	mg/Kg	93%		75-125	0.95
Chromium	110.0	20.76	95.24	mg/Kg	94%		75-125	0.95
Cobalt	101.4	7.046	95.24	mg/Kg	99%		75-125	0.95
Copper	105.3	13.38	95.24	mg/Kg	97%		75-125	0.95
Lead	125.3	37.66	95.24	mg/Kg	92%		75-125	0.95
Molybdenum	85.75	0.5652	95.24	mg/Kg	89%		75-125	0.95
Nickel	100.2	9.430	95.24	mg/Kg	95%		75-125	0.95
Selenium	84.15	ND	95.24	mg/Kg	88%		75-125	0.95
Silver	44.62	ND	47.62	mg/Kg	94%		75-125	0.95
Thallium	87.85	ND	95.24	mg/Kg	92%		75-125	0.95
Vanadium	141.9	51.82	95.24	mg/Kg	95%		75-125	0.95
Zinc	134.1	47.73	95.24	mg/Kg	91%		75-125	0.95

Type:	Matrix Spike Duplicate	Lab ID:	QC1155132	Batch:	340895
Matrix (Source ID):	Soil (508749-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1155132 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	29.29	ND	96.15	mg/Kg	30%	*	75-125	3	41	0.96
Arsenic	98.60	4.227	96.15	mg/Kg	98%		75-125	6	35	0.96
Barium	201.6	98.24	96.15	mg/Kg	107%		75-125	8	20	0.96
Beryllium	98.98	0.2708	96.15	mg/Kg	103%		75-125	5	20	0.96
Cadmium	94.71	0.2573	96.15	mg/Kg	98%		75-125	5	20	0.96
Chromium	117.0	20.76	96.15	mg/Kg	100%		75-125	5	20	0.96
Cobalt	108.0	7.046	96.15	mg/Kg	105%		75-125	5	20	0.96
Copper	113.2	13.38	96.15	mg/Kg	104%		75-125	6	20	0.96
Lead	134.8	37.66	96.15	mg/Kg	101%		75-125	7	20	0.96
Molybdenum	91.53	0.5652	96.15	mg/Kg	95%		75-125	6	20	0.96
Nickel	106.7	9.430	96.15	mg/Kg	101%		75-125	5	20	0.96
Selenium	89.91	ND	96.15	mg/Kg	94%		75-125	6	20	0.96
Silver	47.60	ND	48.08	mg/Kg	99%		75-125	6	20	0.96
Thallium	93.56	ND	96.15	mg/Kg	97%		75-125	5	20	0.96
Vanadium	151.1	51.82	96.15	mg/Kg	103%		75-125	6	20	0.96
Zinc	143.8	47.73	96.15	mg/Kg	100%		75-125	6	20	0.96

ENTHALPY ANALYTICAL

Batch QC

Type:	Post Digest Spike	Lab ID:	QC1155133	Batch:	340895
Matrix (Source ID):	Soil (508749-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1155133 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	96.63	ND	99.01	mg/Kg	98%		75-125	0.99
Arsenic	98.67	4.227	99.01	mg/Kg	95%		75-125	0.99
Barium	192.5	98.24	99.01	mg/Kg	95%		75-125	0.99
Beryllium	97.19	0.2708	99.01	mg/Kg	98%		75-125	0.99
Cadmium	93.55	0.2573	99.01	mg/Kg	94%		75-125	0.99
Chromium	114.0	20.76	99.01	mg/Kg	94%		75-125	0.99
Cobalt	106.0	7.046	99.01	mg/Kg	100%		75-125	0.99
Copper	109.5	13.38	99.01	mg/Kg	97%		75-125	0.99
Lead	133.9	37.66	99.01	mg/Kg	97%		75-125	0.99
Molybdenum	97.14	0.5652	99.01	mg/Kg	98%		75-125	0.99
Nickel	106.0	9.430	99.01	mg/Kg	97%		75-125	0.99
Selenium	90.93	ND	99.01	mg/Kg	92%		75-125	0.99
Silver	47.61	ND	49.50	mg/Kg	96%		75-125	0.99
Thallium	93.34	ND	99.01	mg/Kg	94%		75-125	0.99
Vanadium	146.1	51.82	99.01	mg/Kg	95%		75-125	0.99
Zinc	139.6	47.73	99.01	mg/Kg	93%		75-125	0.99

Type:	Blank	Lab ID:	QC1155202	Batch:	340922
Matrix:	Soil	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1155202 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	05/22/24	05/22/24
Arsenic	ND		mg/Kg	1.0	05/22/24	05/22/24
Barium	ND		mg/Kg	1.0	05/22/24	05/22/24
Beryllium	ND		mg/Kg	0.50	05/22/24	05/22/24
Cadmium	ND		mg/Kg	0.50	05/22/24	05/22/24
Chromium	ND		mg/Kg	1.0	05/22/24	05/22/24
Cobalt	ND		mg/Kg	0.50	05/22/24	05/22/24
Copper	ND		mg/Kg	1.0	05/22/24	05/22/24
Lead	ND		mg/Kg	1.0	05/22/24	05/22/24
Molybdenum	ND		mg/Kg	1.0	05/22/24	05/22/24
Nickel	ND		mg/Kg	1.0	05/22/24	05/22/24
Selenium	ND		mg/Kg	3.0	05/22/24	05/22/24
Silver	ND		mg/Kg	0.50	05/22/24	05/22/24
Thallium	ND		mg/Kg	3.0	05/22/24	05/22/24
Vanadium	ND		mg/Kg	1.0	05/22/24	05/22/24
Zinc	ND		mg/Kg	5.0	05/22/24	05/22/24

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	Lab ID: QC1155203	Batch: 340922
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1155203 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	107.8	100.0	mg/Kg	108%		80-120
Arsenic	102.9	100.0	mg/Kg	103%		80-120
Barium	109.8	100.0	mg/Kg	110%		80-120
Beryllium	106.8	100.0	mg/Kg	107%		80-120
Cadmium	105.3	100.0	mg/Kg	105%		80-120
Chromium	105.7	100.0	mg/Kg	106%		80-120
Cobalt	113.4	100.0	mg/Kg	113%		80-120
Copper	103.6	100.0	mg/Kg	104%		80-120
Lead	110.9	100.0	mg/Kg	111%		80-120
Molybdenum	105.4	100.0	mg/Kg	105%		80-120
Nickel	111.0	100.0	mg/Kg	111%		80-120
Selenium	97.07	100.0	mg/Kg	97%		80-120
Silver	51.26	50.00	mg/Kg	103%		80-120
Thallium	107.6	100.0	mg/Kg	108%		80-120
Vanadium	105.9	100.0	mg/Kg	106%		80-120
Zinc	108.8	100.0	mg/Kg	109%		80-120

Type: Matrix Spike	Lab ID: QC1155204	Batch: 340922
Matrix (Source ID): Soil (508749-036)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1155204 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	45.67	ND	100.0	mg/Kg	46%	*	75-125	1
Arsenic	101.2	1.446	100.0	mg/Kg	100%		75-125	1
Barium	229.1	117.8	100.0	mg/Kg	111%		75-125	1
Beryllium	103.7	0.05170	100.0	mg/Kg	104%		75-125	1
Cadmium	99.00	0.1758	100.0	mg/Kg	99%		75-125	1
Chromium	107.9	6.907	100.0	mg/Kg	101%		75-125	1
Cobalt	126.9	11.10	100.0	mg/Kg	116%		75-125	1
Copper	143.3	30.26	100.0	mg/Kg	113%		75-125	1
Lead	104.2	1.163	100.0	mg/Kg	103%		75-125	1
Molybdenum	99.21	0.2489	100.0	mg/Kg	99%		75-125	1
Nickel	106.9	3.446	100.0	mg/Kg	104%		75-125	1
Selenium	94.10	ND	100.0	mg/Kg	94%		75-125	1
Silver	50.85	ND	50.00	mg/Kg	102%		75-125	1
Thallium	98.56	ND	100.0	mg/Kg	99%		75-125	1
Vanadium	181.9	68.96	100.0	mg/Kg	113%		75-125	1
Zinc	126.4	26.33	100.0	mg/Kg	100%		75-125	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1155205	Batch:	340922
Matrix (Source ID):	Soil (508749-036)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1155205 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	41.53	ND	98.04	mg/Kg	42%	*	75-125	8	41	0.98
Arsenic	95.19	1.446	98.04	mg/Kg	96%		75-125	4	35	0.98
Barium	220.3	117.8	98.04	mg/Kg	105%		75-125	3	20	0.98
Beryllium	97.34	0.05170	98.04	mg/Kg	99%		75-125	4	20	0.98
Cadmium	92.91	0.1758	98.04	mg/Kg	95%		75-125	4	20	0.98
Chromium	101.8	6.907	98.04	mg/Kg	97%		75-125	4	20	0.98
Cobalt	111.3	11.10	98.04	mg/Kg	102%		75-125	11	20	0.98
Copper	130.5	30.26	98.04	mg/Kg	102%		75-125	8	20	0.98
Lead	98.19	1.163	98.04	mg/Kg	99%		75-125	4	20	0.98
Molybdenum	92.90	0.2489	98.04	mg/Kg	95%		75-125	5	20	0.98
Nickel	100.1	3.446	98.04	mg/Kg	99%		75-125	5	20	0.98
Selenium	88.59	ND	98.04	mg/Kg	90%		75-125	4	20	0.98
Silver	47.78	ND	49.02	mg/Kg	97%		75-125	4	20	0.98
Thallium	92.06	ND	98.04	mg/Kg	94%		75-125	5	20	0.98
Vanadium	171.8	68.96	98.04	mg/Kg	105%		75-125	5	20	0.98
Zinc	120.8	26.33	98.04	mg/Kg	96%		75-125	3	20	0.98

Type:	Post Digest Spike	Lab ID:	QC1155206	Batch:	340922
Matrix (Source ID):	Soil (508749-036)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1155206 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	94.62	ND	99.01	mg/Kg	96%		75-125	0.99
Arsenic	94.84	1.446	99.01	mg/Kg	94%		75-125	0.99
Barium	216.0	117.8	99.01	mg/Kg	99%		75-125	0.99
Beryllium	96.32	0.05170	99.01	mg/Kg	97%		75-125	0.99
Cadmium	92.46	0.1758	99.01	mg/Kg	93%		75-125	0.99
Chromium	100.3	6.907	99.01	mg/Kg	94%		75-125	0.99
Cobalt	109.7	11.10	99.01	mg/Kg	100%		75-125	0.99
Copper	127.1	30.26	99.01	mg/Kg	98%		75-125	0.99
Lead	97.91	1.163	99.01	mg/Kg	98%		75-125	0.99
Molybdenum	96.79	0.2489	99.01	mg/Kg	98%		75-125	0.99
Nickel	99.52	3.446	99.01	mg/Kg	97%		75-125	0.99
Selenium	88.94	ND	99.01	mg/Kg	90%		75-125	0.99
Silver	47.62	ND	49.50	mg/Kg	96%		75-125	0.99
Thallium	92.75	ND	99.01	mg/Kg	94%		75-125	0.99
Vanadium	164.2	68.96	99.01	mg/Kg	96%		75-125	0.99
Zinc	117.6	26.33	99.01	mg/Kg	92%		75-125	0.99

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1159327	Batch: 342160
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1159327 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	06/07/24	06/07/24
Arsenic	ND		mg/Kg	1.0	06/07/24	06/07/24
Barium	ND		mg/Kg	1.0	06/07/24	06/07/24
Beryllium	ND		mg/Kg	0.50	06/07/24	06/07/24
Cadmium	ND		mg/Kg	0.50	06/07/24	06/07/24
Chromium	ND		mg/Kg	1.0	06/07/24	06/07/24
Cobalt	ND		mg/Kg	0.50	06/07/24	06/07/24
Copper	ND		mg/Kg	1.0	06/07/24	06/07/24
Lead	ND		mg/Kg	1.0	06/07/24	06/07/24
Molybdenum	ND		mg/Kg	1.0	06/07/24	06/07/24
Nickel	ND		mg/Kg	1.0	06/07/24	06/07/24
Selenium	ND		mg/Kg	3.0	06/07/24	06/07/24
Silver	ND		mg/Kg	0.50	06/07/24	06/07/24
Thallium	ND		mg/Kg	3.0	06/07/24	06/07/24
Vanadium	ND		mg/Kg	1.0	06/07/24	06/07/24
Zinc	ND		mg/Kg	5.0	06/07/24	06/07/24

Type: Lab Control Sample	Lab ID: QC1159328	Batch: 342160
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1159328 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	96.59	100.0	mg/Kg	97%		80-120
Arsenic	96.82	100.0	mg/Kg	97%		80-120
Barium	105.6	100.0	mg/Kg	106%		80-120
Beryllium	100.3	100.0	mg/Kg	100%		80-120
Cadmium	102.0	100.0	mg/Kg	102%		80-120
Chromium	100.9	100.0	mg/Kg	101%		80-120
Cobalt	108.0	100.0	mg/Kg	108%		80-120
Copper	99.80	100.0	mg/Kg	100%		80-120
Lead	105.8	100.0	mg/Kg	106%		80-120
Molybdenum	98.72	100.0	mg/Kg	99%		80-120
Nickel	106.3	100.0	mg/Kg	106%		80-120
Selenium	90.81	100.0	mg/Kg	91%		80-120
Silver	48.94	50.00	mg/Kg	98%		80-120
Thallium	103.5	100.0	mg/Kg	104%		80-120
Vanadium	102.3	100.0	mg/Kg	102%		80-120
Zinc	103.8	100.0	mg/Kg	104%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1159329	Batch:	342160
Matrix (Source ID):	Soil (509669-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1159329 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	48.87	ND	95.24	mg/Kg	51%	*	75-125	0.95
Arsenic	92.88	1.357	95.24	mg/Kg	96%		75-125	0.95
Barium	196.9	71.18	95.24	mg/Kg	132%	*	75-125	0.95
Beryllium	94.45	0.1732	95.24	mg/Kg	99%		75-125	0.95
Cadmium	93.32	0.2314	95.24	mg/Kg	98%		75-125	0.95
Chromium	105.1	10.98	95.24	mg/Kg	99%		75-125	0.95
Cobalt	102.5	5.616	95.24	mg/Kg	102%		75-125	0.95
Copper	106.7	9.577	95.24	mg/Kg	102%		75-125	0.95
Lead	105.0	7.706	95.24	mg/Kg	102%		75-125	0.95
Molybdenum	91.11	0.4039	95.24	mg/Kg	95%		75-125	0.95
Nickel	102.7	7.323	95.24	mg/Kg	100%		75-125	0.95
Selenium	85.89	ND	95.24	mg/Kg	90%		75-125	0.95
Silver	46.29	ND	47.62	mg/Kg	97%		75-125	0.95
Thallium	93.67	ND	95.24	mg/Kg	98%		75-125	0.95
Vanadium	125.3	27.94	95.24	mg/Kg	102%		75-125	0.95
Zinc	146.0	49.81	95.24	mg/Kg	101%		75-125	0.95

Type:	Matrix Spike Duplicate	Lab ID:	QC1159330	Batch:	342160
Matrix (Source ID):	Soil (509669-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1159330 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	51.57	ND	100.0	mg/Kg	52%	*	75-125	1	41	1
Arsenic	100.1	1.357	100.0	mg/Kg	99%		75-125	3	35	1
Barium	181.4	71.18	100.0	mg/Kg	110%		75-125	11	20	1
Beryllium	102.3	0.1732	100.0	mg/Kg	102%		75-125	3	20	1
Cadmium	101.2	0.2314	100.0	mg/Kg	101%		75-125	3	20	1
Chromium	112.0	10.98	100.0	mg/Kg	101%		75-125	2	20	1
Cobalt	110.7	5.616	100.0	mg/Kg	105%		75-125	3	20	1
Copper	115.0	9.577	100.0	mg/Kg	105%		75-125	3	20	1
Lead	111.6	7.706	100.0	mg/Kg	104%		75-125	2	20	1
Molybdenum	98.33	0.4039	100.0	mg/Kg	98%		75-125	3	20	1
Nickel	109.8	7.323	100.0	mg/Kg	103%		75-125	2	20	1
Selenium	93.05	ND	100.0	mg/Kg	93%		75-125	3	20	1
Silver	49.45	ND	50.00	mg/Kg	99%		75-125	2	20	1
Thallium	100.9	ND	100.0	mg/Kg	101%		75-125	3	20	1
Vanadium	133.1	27.94	100.0	mg/Kg	105%		75-125	2	20	1
Zinc	152.3	49.81	100.0	mg/Kg	102%		75-125	1	20	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Post Digest Spike	Lab ID:	QC1159331	Batch:	342160
Matrix (Source ID):	Soil (509669-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1159331 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	99.00	ND	98.04	mg/Kg	101%		75-125	0.98
Arsenic	99.78	1.357	98.04	mg/Kg	100%		75-125	0.98
Barium	175.7	71.18	98.04	mg/Kg	107%		75-125	0.98
Beryllium	101.5	0.1732	98.04	mg/Kg	103%		75-125	0.98
Cadmium	100.8	0.2314	98.04	mg/Kg	103%		75-125	0.98
Chromium	111.2	10.98	98.04	mg/Kg	102%		75-125	0.98
Cobalt	110.1	5.616	98.04	mg/Kg	107%		75-125	0.98
Copper	113.7	9.577	98.04	mg/Kg	106%		75-125	0.98
Lead	111.2	7.706	98.04	mg/Kg	106%		75-125	0.98
Molybdenum	102.4	0.4039	98.04	mg/Kg	104%		75-125	0.98
Nickel	109.8	7.323	98.04	mg/Kg	104%		75-125	0.98
Selenium	93.14	ND	98.04	mg/Kg	95%		75-125	0.98
Silver	50.45	ND	49.02	mg/Kg	103%		75-125	0.98
Thallium	101.1	ND	98.04	mg/Kg	103%		75-125	0.98
Vanadium	131.7	27.94	98.04	mg/Kg	106%		75-125	0.98
Zinc	149.7	49.81	98.04	mg/Kg	102%		75-125	0.98

Type:	Blank	Lab ID:	QC1155471	Batch:	341004
Matrix:	Soil	Method:	EPA 7471A	Prep Method:	METHOD

QC1155471 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	05/23/24	05/23/24

Type:	Lab Control Sample	Lab ID:	QC1155472	Batch:	341004
Matrix:	Soil	Method:	EPA 7471A	Prep Method:	METHOD

QC1155472 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8317	0.8333	mg/Kg	100%		80-120

Type:	Matrix Spike	Lab ID:	QC1155473	Batch:	341004
Matrix (Source ID):	Soil (508749-001)	Method:	EPA 7471A	Prep Method:	METHOD

QC1155473 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.8421	ND	0.8475	mg/Kg	99%		75-125	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1155474	Batch:	341004
Matrix (Source ID):	Soil (508749-001)	Method:	EPA 7471A	Prep Method:	METHOD

QC1155474 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	0.9542	ND	0.9804	mg/Kg	97%		75-125	2	20	1.2

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Batch QC

Type: Blank	Lab ID: QC1159498	Batch: 342210
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1159498 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	06/07/24	06/07/24

Type: Lab Control Sample	Lab ID: QC1159499	Batch: 342210
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1159499 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8222	0.8333	mg/Kg	99%		80-120

Type: Matrix Spike	Lab ID: QC1159500	Batch: 342210
Matrix (Source ID): Soil (509583-005)	Method: EPA 7471A	Prep Method: METHOD

QC1159500 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.9102	0.05707	0.8475	mg/Kg	101%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1159501	Batch: 342210
Matrix (Source ID): Soil (509583-005)	Method: EPA 7471A	Prep Method: METHOD

QC1159501 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	1.093	0.05707	1.000	mg/Kg	104%		75-125	3	20	1.2

Type: Blank	Lab ID: QC1155497	Batch: 341011
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1155497 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH (C6-C12)	ND		mg/Kg	10	05/23/24	05/24/24
TPH (C13-C22)	ND		mg/Kg	10	05/23/24	05/24/24
TPH (C23-C44)	ND		mg/Kg	20	05/23/24	05/24/24
Surrogates				**Limits**		
n-Triacontane	136%	*	%REC	70-130	05/23/24	05/24/24

Type: Lab Control Sample	Lab ID: QC1155498	Batch: 341011
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1155498 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	290.2	248.8	mg/Kg	117%		76-122
Surrogates						
n-Triacontane	11.69	9.950	mg/Kg	118%		70-130

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Batch QC

Type:	Matrix Spike	Lab ID:	QC1155499	Batch:	341011
Matrix (Source ID):	Soil (508749-005)	Method:	EPA 8015M	Prep Method:	EPA 3580M

QC1155499 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	308.8	24.06	249.1	mg/Kg	114%		62-126	2
Surrogates								
n-Triacontane	12.55		9.965	mg/Kg	126%		70-130	2

Type:	Matrix Spike Duplicate	Lab ID:	QC1155500	Batch:	341011
Matrix (Source ID):	Soil (508749-005)	Method:	EPA 8015M	Prep Method:	EPA 3580M

QC1155500 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	342.8	24.06	248.8	mg/Kg	128%	*	62-126	11	35	2
Surrogates										
n-Triacontane	13.03		9.950	mg/Kg	131%	*	70-130			2

Type:	Blank	Lab ID:	QC1156370	Batch:	341256
Matrix:	Soil	Method:	EPA 8015M	Prep Method:	EPA 3580M

QC1156370 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH (C6-C12)	ND		mg/Kg	10	05/28/24	05/28/24
TPH (C13-C22)	ND		mg/Kg	10	05/28/24	05/28/24
TPH (C23-C44)	ND		mg/Kg	20	05/28/24	05/28/24
Surrogates				**Limits**		
n-Triacontane	98%		%REC	70-130	05/28/24	05/28/24

Type:	Lab Control Sample	Lab ID:	QC1156371	Batch:	341256
Matrix:	Soil	Method:	EPA 8015M	Prep Method:	EPA 3580M

QC1156371 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	245.3	249.6	mg/Kg	98%		76-122
Surrogates						
n-Triacontane	9.592	9.985	mg/Kg	96%		70-130

Type:	Matrix Spike	Lab ID:	QC1156372	Batch:	341256
Matrix (Source ID):	Soil (509012-006)	Method:	EPA 8015M	Prep Method:	EPA 3580M

QC1156372 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	206.1	ND	247.8	mg/Kg	83%		62-126	0.99
Surrogates								
n-Triacontane	8.243		9.911	mg/Kg	83%		70-130	0.99

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Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1156373	Batch:	341256
Matrix (Source ID):	Soil (509012-006)	Method:	EPA 8015M	Prep Method:	EPA 3580M

QC1156373 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	254.6	ND	249.1	mg/Kg	102%		62-126	21	35	1
Surrogates										
n-Triacontane	9.977		9.965	mg/Kg	100%		70-130			1

Type:	Blank	Lab ID:	QC1155138	Batch:	340897
Matrix:	Soil	Method:	EPA 8081A	Prep Method:	EPA 3546

QC1155138 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
alpha-BHC	ND		ug/Kg	5.1	05/22/24	05/23/24
beta-BHC	ND		ug/Kg	5.1	05/22/24	05/23/24
gamma-BHC	ND		ug/Kg	5.1	05/22/24	05/23/24
delta-BHC	ND		ug/Kg	5.1	05/22/24	05/23/24
Heptachlor	ND		ug/Kg	5.1	05/22/24	05/23/24
Aldrin	ND		ug/Kg	5.1	05/22/24	05/23/24
Heptachlor epoxide	ND		ug/Kg	5.1	05/22/24	05/23/24
Endosulfan I	ND		ug/Kg	5.1	05/22/24	05/23/24
Dieldrin	ND		ug/Kg	5.1	05/22/24	05/23/24
4,4'-DDE	ND		ug/Kg	5.1	05/22/24	05/23/24
Endrin	ND		ug/Kg	5.1	05/22/24	05/23/24
Endosulfan II	ND		ug/Kg	5.1	05/22/24	05/23/24
Endosulfan sulfate	ND		ug/Kg	5.1	05/22/24	05/23/24
4,4'-DDD	ND		ug/Kg	5.1	05/22/24	05/23/24
Endrin aldehyde	ND		ug/Kg	5.1	05/22/24	05/23/24
Endrin ketone	ND		ug/Kg	5.1	05/22/24	05/23/24
4,4'-DDT	ND		ug/Kg	5.1	05/22/24	05/23/24
Methoxychlor	ND		ug/Kg	10	05/22/24	05/23/24
Toxaphene	ND		ug/Kg	100	05/22/24	05/23/24
Chlordane (Technical)	ND		ug/Kg	51	05/22/24	05/23/24
Surrogates				**Limits**		
TCMX	105%		%REC	23-120	05/22/24	05/23/24
Decachlorobiphenyl	124%	*	%REC	24-120	05/22/24	05/23/24

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Batch QC

Type: Lab Control Sample	**Lab ID: QC1155139**	**Batch: 340897**
Matrix: Soil	**Method: EPA 8081A**	**Prep Method: EPA 3546**

QC1155139 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	50.26	50.51	ug/Kg	100%		22-129
beta-BHC	48.51	50.51	ug/Kg	96%		28-125
gamma-BHC	52.48	50.51	ug/Kg	104%		22-128
delta-BHC	49.61	50.51	ug/Kg	98%		24-131
Heptachlor	43.57	50.51	ug/Kg	86%		18-124
Aldrin	44.99	50.51	ug/Kg	89%		23-120
Heptachlor epoxide	46.29	50.51	ug/Kg	92%		26-120
Endosulfan I	43.28	50.51	ug/Kg	86%		25-126
Dieldrin	46.19	50.51	ug/Kg	91%		23-124
4,4'-DDE	49.19	50.51	ug/Kg	97%		28-121
Endrin	47.97	50.51	ug/Kg	95%		25-127
Endosulfan II	50.67	50.51	ug/Kg	100%		29-121
Endosulfan sulfate	30.46	50.51	ug/Kg	60%		30-121
4,4'-DDD	46.43	50.51	ug/Kg	92%		26-120
Endrin aldehyde	18.27	50.51	ug/Kg	36%		10-120
Endrin ketone	48.95	50.51	ug/Kg	97%		28-125
4,4'-DDT	48.07	50.51	ug/Kg	95%		22-125
Methoxychlor	52.81	50.51	ug/Kg	105%		28-130
Surrogates						
TCMX	46.02	50.51	ug/Kg	91%		23-120
Decachlorobiphenyl	41.86	50.51	ug/Kg	83%		24-120

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1155618**	**Batch:**	**340897**
Matrix (Source ID):	**Soil (508749-001)**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3546**

QC1155618 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	43.95	ND	51.02	ug/Kg	86%		46-120	2
beta-BHC	46.24	ND	51.02	ug/Kg	91%		41-120	2
gamma-BHC	45.39	ND	51.02	ug/Kg	89%		41-120	2
delta-BHC	42.52	ND	51.02	ug/Kg	83%		38-123	2
Heptachlor	44.85	ND	51.02	ug/Kg	88%		39-120	2
Aldrin	46.11	ND	51.02	ug/Kg	90%		34-120	2
Heptachlor epoxide	46.19	ND	51.02	ug/Kg	91%		43-120	2
Endosulfan I	50.83	ND	51.02	ug/Kg	100%		45-120	2
Dieldrin	44.69	ND	51.02	ug/Kg	88%		45-120	2
4,4'-DDE	52.31	ND	51.02	ug/Kg	103%		34-120	2
Endrin	45.21	ND	51.02	ug/Kg	89%	#	40-120	2
Endosulfan II	45.88	ND	51.02	ug/Kg	90%		41-120	2
Endosulfan sulfate	45.97	ND	51.02	ug/Kg	90%		42-120	2
4,4'-DDD	38.52	ND	51.02	ug/Kg	76%	#	41-120	2
Endrin aldehyde	41.35	ND	51.02	ug/Kg	81%		30-120	2
Endrin ketone	48.11	ND	51.02	ug/Kg	94%		45-120	2
4,4'-DDT	50.10	5.562	51.02	ug/Kg	87%	#	35-127	2
Methoxychlor	37.99	ND	51.02	ug/Kg	74%		42-136	2
Surrogates								
TCMX	45.24		51.02	ug/Kg	89%		23-120	2
Decachlorobiphenyl	50.41		51.02	ug/Kg	99%		24-120	2

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Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1155619**	**Batch:**	**340897**
Matrix (Source ID):	**Soil (508749-001)**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3546**

QC1155619 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
alpha-BHC	0.07476	ND	50.00	ug/Kg		DO	46-120		30	2
beta-BHC	4.714	ND	50.00	ug/Kg		DO	41-120		30	2
gamma-BHC	1.301	ND	50.00	ug/Kg		DO	41-120		30	2
delta-BHC	20.03	ND	50.00	ug/Kg	40%		38-123	70*	30	2
Heptachlor	16.27	ND	50.00	ug/Kg	33%	*	39-120	92*	30	2
Aldrin	6.150	ND	50.00	ug/Kg	12%	*	34-120	152*	30	2
Heptachlor epoxide	10.91	ND	50.00	ug/Kg	22%	*	43-120	122*	30	2
Endosulfan I	0.1304	ND	50.00	ug/Kg		DO	45-120		30	2
Dieldrin	6.422	ND	50.00	ug/Kg	13%	*	45-120	149*	30	2
4,4'-DDE	1.227	ND	50.00	ug/Kg		DO	34-120		30	2
Endrin	4.883	ND	50.00	ug/Kg	10%	#,*	40-120	160*	30	2
Endosulfan II	28.80	ND	50.00	ug/Kg	58%		41-120	44*	30	2
Endosulfan sulfate	35.77	ND	50.00	ug/Kg	72%		42-120	23	30	2
4,4'-DDD	32.32	ND	50.00	ug/Kg	65%	#	41-120	15	30	2
Endrin aldehyde	10.85	ND	50.00	ug/Kg	22%	*	30-120	116*	30	2
Endrin ketone	25.17	ND	50.00	ug/Kg	50%		45-120	61*	30	2
4,4'-DDT	55.41	5.562	50.00	ug/Kg	100%	#	35-127	12	30	2
Methoxychlor	125.1	ND	50.00	ug/Kg	250%	*	42-136	108*	30	2
Surrogates										
TCMX	46.67		50.00	ug/Kg	93%		23-120			2
Decachlorobiphenyl	53.70		50.00	ug/Kg	107%		24-120			2

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Batch QC

Type:	**Blank**	**Lab ID:**	**QC1155219**	**Batch:**	**340925**
Matrix:	**Soil**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3546**

QC1155219 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
alpha-BHC	ND		ug/Kg	5.0	05/22/24	05/23/24
beta-BHC	ND		ug/Kg	5.0	05/22/24	05/23/24
gamma-BHC	ND		ug/Kg	5.0	05/22/24	05/23/24
delta-BHC	ND		ug/Kg	5.0	05/22/24	05/23/24
Heptachlor	ND		ug/Kg	5.0	05/22/24	05/23/24
Aldrin	ND		ug/Kg	5.0	05/22/24	05/23/24
Heptachlor epoxide	ND		ug/Kg	5.0	05/22/24	05/23/24
Endosulfan I	ND		ug/Kg	5.0	05/22/24	05/23/24
Dieldrin	ND		ug/Kg	5.0	05/22/24	05/23/24
4,4'-DDE	ND		ug/Kg	5.0	05/22/24	05/23/24
Endrin	ND		ug/Kg	5.0	05/22/24	05/23/24
Endosulfan II	ND		ug/Kg	5.0	05/22/24	05/23/24
Endosulfan sulfate	ND		ug/Kg	5.0	05/22/24	05/23/24
4,4'-DDD	ND		ug/Kg	5.0	05/22/24	05/23/24
Endrin aldehyde	ND		ug/Kg	5.0	05/22/24	05/23/24
Endrin ketone	ND		ug/Kg	5.0	05/22/24	05/23/24
4,4'-DDT	ND		ug/Kg	5.0	05/22/24	05/23/24
Methoxychlor	ND		ug/Kg	10	05/22/24	05/23/24
Toxaphene	ND		ug/Kg	100	05/22/24	05/23/24
Chlordane (Technical)	ND		ug/Kg	50	05/22/24	05/23/24
Surrogates				**Limits**		
TCMX	92%		%REC	23-120	05/22/24	05/23/24
Decachlorobiphenyl	110%		%REC	24-120	05/22/24	05/23/24

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Batch QC

Type: Lab Control Sample	**Lab ID: QC1155220**	**Batch: 340925**
Matrix: Soil	**Method: EPA 8081A**	**Prep Method: EPA 3546**

QC1155220 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	32.92	50.51	ug/Kg	65%		22-129
beta-BHC	35.09	50.51	ug/Kg	69%		28-125
gamma-BHC	34.91	50.51	ug/Kg	69%		22-128
delta-BHC	33.93	50.51	ug/Kg	67%		24-131
Heptachlor	34.44	50.51	ug/Kg	68%		18-124
Aldrin	32.74	50.51	ug/Kg	65%		23-120
Heptachlor epoxide	33.71	50.51	ug/Kg	67%		26-120
Endosulfan I	33.88	50.51	ug/Kg	67%	#	25-126
Dieldrin	35.33	50.51	ug/Kg	70%		23-124
4,4'-DDE	37.07	50.51	ug/Kg	73%		28-121
Endrin	37.14	50.51	ug/Kg	74%		25-127
Endosulfan II	35.10	50.51	ug/Kg	70%		29-121
Endosulfan sulfate	37.28	50.51	ug/Kg	74%		30-121
4,4'-DDD	33.08	50.51	ug/Kg	65%		26-120
Endrin aldehyde	20.28	50.51	ug/Kg	40%		10-120
Endrin ketone	37.35	50.51	ug/Kg	74%		28-125
4,4'-DDT	36.63	50.51	ug/Kg	73%		22-125
Methoxychlor	39.21	50.51	ug/Kg	78%		28-130
Surrogates						
TCMX	30.84	50.51	ug/Kg	61%		23-120
Decachlorobiphenyl	35.79	50.51	ug/Kg	71%		24-120

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1155221**	**Batch:**	**340925**
Matrix (Source ID):	**Soil (508850-007)**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3546**

QC1155221 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	32.13	ND	50.51	ug/Kg	64%		46-120	1
beta-BHC	36.46	ND	50.51	ug/Kg	72%		41-120	1
gamma-BHC	33.77	ND	50.51	ug/Kg	67%		41-120	1
delta-BHC	25.81	ND	50.51	ug/Kg	51%		38-123	1
Heptachlor	36.02	ND	50.51	ug/Kg	71%		39-120	1
Aldrin	32.15	ND	50.51	ug/Kg	64%		34-120	1
Heptachlor epoxide	34.35	ND	50.51	ug/Kg	68%		43-120	1
Endosulfan I	36.18	ND	50.51	ug/Kg	72%	#	45-120	1
Dieldrin	36.41	ND	50.51	ug/Kg	72%		45-120	1
4,4'-DDE	38.65	ND	50.51	ug/Kg	77%		34-120	1
Endrin	39.00	ND	50.51	ug/Kg	77%		40-120	1
Endosulfan II	36.46	ND	50.51	ug/Kg	72%		41-120	1
Endosulfan sulfate	32.95	ND	50.51	ug/Kg	65%		42-120	1
4,4'-DDD	36.69	ND	50.51	ug/Kg	73%		41-120	1
Endrin aldehyde	32.99	ND	50.51	ug/Kg	65%		30-120	1
Endrin ketone	39.61	ND	50.51	ug/Kg	78%		45-120	1
4,4'-DDT	35.29	ND	50.51	ug/Kg	70%		35-127	1
Methoxychlor	40.48	ND	50.51	ug/Kg	80%		42-136	1
Surrogates								
TCMX	30.03		50.51	ug/Kg	59%		23-120	1
Decachlorobiphenyl	41.94		50.51	ug/Kg	83%		24-120	1

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Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1155222**	**Batch:**	**340925**
Matrix (Source ID):	**Soil (508850-007)**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3546**

QC1155222 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
alpha-BHC	34.01	ND	50.00	ug/Kg	68%		46-120	7	30	1
beta-BHC	38.37	ND	50.00	ug/Kg	77%		41-120	6	30	1
gamma-BHC	35.49	ND	50.00	ug/Kg	71%		41-120	6	30	1
delta-BHC	24.44	ND	50.00	ug/Kg	49%		38-123	4	30	1
Heptachlor	37.50	ND	50.00	ug/Kg	75%		39-120	5	30	1
Aldrin	35.12	ND	50.00	ug/Kg	70%		34-120	10	30	1
Heptachlor epoxide	35.77	ND	50.00	ug/Kg	72%		43-120	5	30	1
Endosulfan I	38.03	ND	50.00	ug/Kg	76%	#	45-120	6	30	1
Dieldrin	38.46	ND	50.00	ug/Kg	77%		45-120	6	30	1
4,4'-DDE	40.46	ND	50.00	ug/Kg	81%		34-120	6	30	1
Endrin	39.83	ND	50.00	ug/Kg	80%		40-120	3	30	1
Endosulfan II	37.09	ND	50.00	ug/Kg	74%		41-120	3	30	1
Endosulfan sulfate	31.52	ND	50.00	ug/Kg	63%		42-120	3	30	1
4,4'-DDD	38.39	ND	50.00	ug/Kg	77%		41-120	6	30	1
Endrin aldehyde	29.64	ND	50.00	ug/Kg	59%		30-120	10	30	1
Endrin ketone	39.65	ND	50.00	ug/Kg	79%		45-120	1	30	1
4,4'-DDT	32.08	ND	50.00	ug/Kg	64%		35-127	9	30	1
Methoxychlor	38.08	ND	50.00	ug/Kg	76%		42-136	5	30	1
Surrogates										
TCMX	31.70		50.00	ug/Kg	63%		23-120			1
Decachlorobiphenyl	39.86		50.00	ug/Kg	80%		24-120			1

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Batch QC

Type:	**Blank**	**Lab ID:**	**QC1155418**	**Batch:**	**340976**
Matrix:	**Soil**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3546**

QC1155418 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
alpha-BHC	ND		ug/Kg	5.0	05/23/24	05/24/24
beta-BHC	ND		ug/Kg	5.0	05/23/24	05/24/24
gamma-BHC	ND		ug/Kg	5.0	05/23/24	05/24/24
delta-BHC	ND		ug/Kg	5.0	05/23/24	05/24/24
Heptachlor	ND		ug/Kg	5.0	05/23/24	05/24/24
Aldrin	ND		ug/Kg	5.0	05/23/24	05/24/24
Heptachlor epoxide	ND		ug/Kg	5.0	05/23/24	05/24/24
Endosulfan I	ND		ug/Kg	5.0	05/23/24	05/24/24
Dieldrin	ND		ug/Kg	5.0	05/23/24	05/24/24
4,4'-DDE	ND		ug/Kg	5.0	05/23/24	05/24/24
Endrin	ND		ug/Kg	5.0	05/23/24	05/24/24
Endosulfan II	ND		ug/Kg	5.0	05/23/24	05/24/24
Endosulfan sulfate	ND		ug/Kg	5.0	05/23/24	05/24/24
4,4'-DDD	ND		ug/Kg	5.0	05/23/24	05/24/24
Endrin aldehyde	ND		ug/Kg	5.0	05/23/24	05/24/24
Endrin ketone	ND		ug/Kg	5.0	05/23/24	05/24/24
4,4'-DDT	ND		ug/Kg	5.0	05/23/24	05/24/24
Methoxychlor	ND		ug/Kg	9.9	05/23/24	05/24/24
Toxaphene	ND		ug/Kg	99	05/23/24	05/24/24
Chlordane (Technical)	ND		ug/Kg	50	05/23/24	05/24/24
Surrogates				**Limits**		
TCMX	84%		%REC	23-120	05/23/24	05/24/24
Decachlorobiphenyl	76%		%REC	24-120	05/23/24	05/24/24

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Batch QC

Type: Lab Control Sample	**Lab ID: QC1155419**	**Batch: 340976**
Matrix: Soil	**Method: EPA 8081A**	**Prep Method: EPA 3546**

QC1155419 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	44.11	50.51	ug/Kg	87%		22-129
beta-BHC	47.33	50.51	ug/Kg	94%		28-125
gamma-BHC	44.89	50.51	ug/Kg	89%		22-128
delta-BHC	44.31	50.51	ug/Kg	88%		24-131
Heptachlor	37.66	50.51	ug/Kg	75%		18-124
Aldrin	37.03	50.51	ug/Kg	73%		23-120
Heptachlor epoxide	39.61	50.51	ug/Kg	78%		26-120
Endosulfan I	39.62	50.51	ug/Kg	78%		25-126
Dieldrin	39.09	50.51	ug/Kg	77%		23-124
4,4'-DDE	42.09	50.51	ug/Kg	83%		28-121
Endrin	43.12	50.51	ug/Kg	85%		25-127
Endosulfan II	45.56	50.51	ug/Kg	90%		29-121
Endosulfan sulfate	28.74	50.51	ug/Kg	57%		30-121
4,4'-DDD	42.65	50.51	ug/Kg	84%		26-120
Endrin aldehyde	36.00	50.51	ug/Kg	71%		10-120
Endrin ketone	47.81	50.51	ug/Kg	95%		28-125
4,4'-DDT	39.62	50.51	ug/Kg	78%		22-125
Methoxychlor	42.56	50.51	ug/Kg	84%		28-130
Surrogates						
TCMX	39.37	50.51	ug/Kg	78%		23-120
Decachlorobiphenyl	37.73	50.51	ug/Kg	75%		24-120

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1155420**	**Batch:**	**340976**
Matrix (Source ID):	**Soil (508728-001)**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3546**

QC1155420 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	34.41	ND	50.00	ug/Kg	69%		46-120	1
beta-BHC	37.03	ND	50.00	ug/Kg	74%		41-120	1
gamma-BHC	36.50	ND	50.00	ug/Kg	73%		41-120	1
delta-BHC	34.26	ND	50.00	ug/Kg	69%		38-123	1
Heptachlor	31.87	ND	50.00	ug/Kg	64%		39-120	1
Aldrin	32.70	ND	50.00	ug/Kg	65%		34-120	1
Heptachlor epoxide	33.73	ND	50.00	ug/Kg	67%		43-120	1
Endosulfan I	34.11	ND	50.00	ug/Kg	68%		45-120	1
Dieldrin	32.60	ND	50.00	ug/Kg	65%		45-120	1
4,4'-DDE	35.84	ND	50.00	ug/Kg	72%		34-120	1
Endrin	37.20	ND	50.00	ug/Kg	74%		40-120	1
Endosulfan II	37.77	ND	50.00	ug/Kg	76%		41-120	1
Endosulfan sulfate	33.39	ND	50.00	ug/Kg	67%		42-120	1
4,4'-DDD	35.20	ND	50.00	ug/Kg	70%		41-120	1
Endrin aldehyde	33.51	ND	50.00	ug/Kg	67%		30-120	1
Endrin ketone	36.86	ND	50.00	ug/Kg	74%		45-120	1
4,4'-DDT	31.61	ND	50.00	ug/Kg	63%		35-127	1
Methoxychlor	33.02	ND	50.00	ug/Kg	66%		42-136	1
Surrogates								
TCMX	32.45		50.00	ug/Kg	65%		23-120	1
Decachlorobiphenyl	31.01		50.00	ug/Kg	62%		24-120	1

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Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1155421**	**Batch:**	**340976**
Matrix (Source ID):	**Soil (508728-001)**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3546**

QC1155421 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
alpha-BHC	37.23	ND	50.00	ug/Kg	74%		46-120	8	30	1
beta-BHC	38.44	ND	50.00	ug/Kg	77%		41-120	4	30	1
gamma-BHC	39.12	ND	50.00	ug/Kg	78%		41-120	7	30	1
delta-BHC	37.37	ND	50.00	ug/Kg	75%		38-123	9	30	1
Heptachlor	34.30	ND	50.00	ug/Kg	69%		39-120	7	30	1
Aldrin	34.88	ND	50.00	ug/Kg	70%		34-120	6	30	1
Heptachlor epoxide	35.44	ND	50.00	ug/Kg	71%		43-120	5	30	1
Endosulfan I	36.33	ND	50.00	ug/Kg	73%		45-120	6	30	1
Dieldrin	34.13	ND	50.00	ug/Kg	68%		45-120	5	30	1
4,4'-DDE	37.72	ND	50.00	ug/Kg	75%		34-120	5	30	1
Endrin	38.23	ND	50.00	ug/Kg	76%		40-120	3	30	1
Endosulfan II	39.79	ND	50.00	ug/Kg	80%		41-120	5	30	1
Endosulfan sulfate	34.42	ND	50.00	ug/Kg	69%		42-120	3	30	1
4,4'-DDD	37.33	ND	50.00	ug/Kg	75%		41-120	6	30	1
Endrin aldehyde	35.65	ND	50.00	ug/Kg	71%		30-120	6	30	1
Endrin ketone	38.53	ND	50.00	ug/Kg	77%		45-120	4	30	1
4,4'-DDT	34.53	ND	50.00	ug/Kg	69%		35-127	9	30	1
Methoxychlor	35.51	ND	50.00	ug/Kg	71%		42-136	7	30	1
Surrogates										
TCMX	34.65		50.00	ug/Kg	69%		23-120			1
Decachlorobiphenyl	33.02		50.00	ug/Kg	66%		24-120			1

Type:	**Lab Control Sample**	**Lab ID:**	**QC1154956**	**Batch:**	**340854**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1154956 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	51.81	50.00	ug/Kg	104%		70-131
MTBE	49.49	50.00	ug/Kg	99%		69-130
Benzene	55.71	50.00	ug/Kg	111%		70-130
Trichloroethene	46.79	50.00	ug/Kg	94%		70-130
Toluene	46.96	50.00	ug/Kg	94%		70-130
Chlorobenzene	52.25	50.00	ug/Kg	104%		70-130
Surrogates						
Dibromofluoromethane	50.30	50.00	ug/Kg	101%		70-130
1,2-Dichloroethane-d4	55.13	50.00	ug/Kg	110%		70-145
Toluene-d8	42.85	50.00	ug/Kg	86%		70-145
Bromofluorobenzene	48.32	50.00	ug/Kg	97%		70-145

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Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1154957**	**Batch:**	**340854**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1154957 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	51.65	50.00	ug/Kg	103%		70-131	0	33
MTBE	52.47	50.00	ug/Kg	105%		69-130	6	30
Benzene	54.73	50.00	ug/Kg	109%		70-130	2	30
Trichloroethene	44.63	50.00	ug/Kg	89%		70-130	5	30
Toluene	42.83	50.00	ug/Kg	86%		70-130	9	30
Chlorobenzene	46.21	50.00	ug/Kg	92%		70-130	12	30
Surrogates								
Dibromofluoromethane	57.23	50.00	ug/Kg	114%		70-130		
1,2-Dichloroethane-d4	53.85	50.00	ug/Kg	108%		70-145		
Toluene-d8	43.40	50.00	ug/Kg	87%		70-145		
Bromofluorobenzene	49.38	50.00	ug/Kg	99%		70-145		

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Batch QC

Type: Blank	Lab ID: QC1154961	Batch: 340854
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1154961 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	05/22/24	05/22/24
Freon 12	ND		ug/Kg	5.0	05/22/24	05/22/24
Chloromethane	ND		ug/Kg	5.0	05/22/24	05/22/24
Vinyl Chloride	ND		ug/Kg	5.0	05/22/24	05/22/24
Bromomethane	ND		ug/Kg	5.0	05/22/24	05/22/24
Chloroethane	ND		ug/Kg	5.0	05/22/24	05/22/24
Trichlorofluoromethane	ND		ug/Kg	5.0	05/22/24	05/22/24
Acetone	ND		ug/Kg	100	05/22/24	05/22/24
Freon 113	ND		ug/Kg	5.0	05/22/24	05/22/24
1,1-Dichloroethene	ND		ug/Kg	5.0	05/22/24	05/22/24
Methylene Chloride	ND		ug/Kg	5.0	05/22/24	05/22/24
MTBE	ND		ug/Kg	5.0	05/22/24	05/22/24
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	05/22/24	05/22/24
1,1-Dichloroethane	ND		ug/Kg	5.0	05/22/24	05/22/24
2-Butanone	ND		ug/Kg	100	05/22/24	05/22/24
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	05/22/24	05/22/24
2,2-Dichloropropane	ND		ug/Kg	5.0	05/22/24	05/22/24
Chloroform	ND		ug/Kg	5.0	05/22/24	05/22/24
Bromochloromethane	ND		ug/Kg	5.0	05/22/24	05/22/24
1,1,1-Trichloroethane	ND		ug/Kg	5.0	05/22/24	05/22/24
1,1-Dichloropropene	ND		ug/Kg	5.0	05/22/24	05/22/24
Carbon Tetrachloride	ND		ug/Kg	5.0	05/22/24	05/22/24
1,2-Dichloroethane	ND		ug/Kg	5.0	05/22/24	05/22/24
Benzene	ND		ug/Kg	5.0	05/22/24	05/22/24
Trichloroethene	ND		ug/Kg	5.0	05/22/24	05/22/24
1,2-Dichloropropane	ND		ug/Kg	5.0	05/22/24	05/22/24
Bromodichloromethane	ND		ug/Kg	5.0	05/22/24	05/22/24
Dibromomethane	ND		ug/Kg	5.0	05/22/24	05/22/24
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	05/22/24	05/22/24
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	05/22/24	05/22/24
Toluene	ND		ug/Kg	5.0	05/22/24	05/22/24
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	05/22/24	05/22/24
1,1,2-Trichloroethane	ND		ug/Kg	5.0	05/22/24	05/22/24
1,3-Dichloropropane	ND		ug/Kg	5.0	05/22/24	05/22/24
Tetrachloroethene	ND		ug/Kg	5.0	05/22/24	05/22/24
Dibromochloromethane	ND		ug/Kg	5.0	05/22/24	05/22/24
1,2-Dibromoethane	ND		ug/Kg	5.0	05/22/24	05/22/24
Chlorobenzene	ND		ug/Kg	5.0	05/22/24	05/22/24
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	05/22/24	05/22/24
Ethylbenzene	ND		ug/Kg	5.0	05/22/24	05/22/24
m,p-Xylenes	ND		ug/Kg	10	05/22/24	05/22/24
o-Xylene	ND		ug/Kg	5.0	05/22/24	05/22/24
Styrene	ND		ug/Kg	5.0	05/22/24	05/22/24
Bromoform	ND		ug/Kg	5.0	05/22/24	05/22/24
Isopropylbenzene	ND		ug/Kg	5.0	05/22/24	05/22/24
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	05/22/24	05/22/24
1,2,3-Trichloropropane	ND		ug/Kg	5.0	05/22/24	05/22/24

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Batch QC

QC1154961 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Propylbenzene	ND		ug/Kg	5.0	05/22/24	05/22/24
Bromobenzene	ND		ug/Kg	5.0	05/22/24	05/22/24
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	05/22/24	05/22/24
2-Chlorotoluene	ND		ug/Kg	5.0	05/22/24	05/22/24
4-Chlorotoluene	ND		ug/Kg	5.0	05/22/24	05/22/24
tert-Butylbenzene	ND		ug/Kg	5.0	05/22/24	05/22/24
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	05/22/24	05/22/24
sec-Butylbenzene	ND		ug/Kg	5.0	05/22/24	05/22/24
para-Isopropyl Toluene	ND		ug/Kg	5.0	05/22/24	05/22/24
1,3-Dichlorobenzene	ND		ug/Kg	5.0	05/22/24	05/22/24
1,4-Dichlorobenzene	ND		ug/Kg	5.0	05/22/24	05/22/24
n-Butylbenzene	ND		ug/Kg	5.0	05/22/24	05/22/24
1,2-Dichlorobenzene	ND		ug/Kg	5.0	05/22/24	05/22/24
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	05/22/24	05/22/24
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	05/22/24	05/22/24
Hexachlorobutadiene	ND		ug/Kg	5.0	05/22/24	05/22/24
Naphthalene	ND		ug/Kg	5.0	05/22/24	05/22/24
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	05/22/24	05/22/24
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	05/22/24	05/22/24
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	05/22/24	05/22/24
tert-Butyl Alcohol (TBA)	ND		ug/Kg	100	05/22/24	05/22/24
Isopropyl Ether (DIPE)	ND		ug/Kg	5.0	05/22/24	05/22/24
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.0	05/22/24	05/22/24
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	5.0	05/22/24	05/22/24
Xylene (total)	ND		ug/Kg	5.0	05/22/24	05/22/24
Surrogates				**Limits**		
Dibromofluoromethane	107%		%REC	70-130	05/22/24	05/22/24
1,2-Dichloroethane-d4	110%		%REC	70-145	05/22/24	05/22/24
Toluene-d8	86%		%REC	70-145	05/22/24	05/22/24
Bromofluorobenzene	98%		%REC	70-145	05/22/24	05/22/24

Type: Matrix Spike **Lab ID:** QC1155104 **Batch:** 340854
Matrix (Source ID): Soil (508749-001) **Method:** EPA 8260B **Prep Method:** EPA 5030B

QC1155104 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	46.88	ND	50.00	ug/Kg	94%		70-141	1
MTBE	50.61	ND	50.00	ug/Kg	101%		59-130	1
Benzene	52.60	ND	50.00	ug/Kg	105%		70-130	1
Trichloroethene	40.82	ND	50.00	ug/Kg	82%		69-130	1
Toluene	40.91	ND	50.00	ug/Kg	82%		70-130	1
Chlorobenzene	42.66	ND	50.00	ug/Kg	85%		70-130	1
Surrogates								
Dibromofluoromethane	55.24		50.00	ug/Kg	110%		70-145	1
1,2-Dichloroethane-d4	58.74		50.00	ug/Kg	117%		70-145	1
Toluene-d8	43.45		50.00	ug/Kg	87%		70-145	1
Bromofluorobenzene	49.13		50.00	ug/Kg	98%		70-145	1

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Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1155105	Batch:	340854
Matrix (Source ID):	Soil (508749-001)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1155105 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	52.87	ND	50.00	ug/Kg	106%		70-141	12	43	1
MTBE	57.59	ND	50.00	ug/Kg	115%		59-130	13	30	1
Benzene	59.48	ND	50.00	ug/Kg	119%		70-130	12	30	1
Trichloroethene	44.08	ND	50.00	ug/Kg	88%		69-130	8	30	1
Toluene	44.25	ND	50.00	ug/Kg	88%		70-130	8	30	1
Chlorobenzene	45.90	ND	50.00	ug/Kg	92%		70-130	7	30	1
Surrogates										
Dibromofluoromethane	55.54		50.00	ug/Kg	111%		70-145			1
1,2-Dichloroethane-d4	59.59		50.00	ug/Kg	119%		70-145			1
Toluene-d8	43.15		50.00	ug/Kg	86%		70-145			1
Bromofluorobenzene	49.92		50.00	ug/Kg	100%		70-145			1

Type:	Lab Control Sample	Lab ID:	QC1156144	Batch:	341196
Matrix:	Soil	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1156144 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	46.13	50.00	ug/Kg	92%		70-131
MTBE	39.48	50.00	ug/Kg	79%		69-130
Benzene	45.62	50.00	ug/Kg	91%		70-130
Trichloroethene	39.45	50.00	ug/Kg	79%		70-130
Toluene	42.30	50.00	ug/Kg	85%		70-130
Chlorobenzene	43.11	50.00	ug/Kg	86%		70-130
Surrogates						
Dibromofluoromethane	49.42	50.00	ug/Kg	99%		70-130
1,2-Dichloroethane-d4	51.60	50.00	ug/Kg	103%		70-145
Toluene-d8	49.21	50.00	ug/Kg	98%		70-145
Bromofluorobenzene	52.32	50.00	ug/Kg	105%		70-145

Type:	Lab Control Sample Duplicate	Lab ID:	QC1156145	Batch:	341196
Matrix:	Soil	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1156145 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	48.10	50.00	ug/Kg	96%		70-131	4	33
MTBE	43.16	50.00	ug/Kg	86%		69-130	9	30
Benzene	47.84	50.00	ug/Kg	96%		70-130	5	30
Trichloroethene	42.38	50.00	ug/Kg	85%		70-130	7	30
Toluene	46.24	50.00	ug/Kg	92%		70-130	9	30
Chlorobenzene	47.15	50.00	ug/Kg	94%		70-130	9	30
Surrogates								
Dibromofluoromethane	49.03	50.00	ug/Kg	98%		70-130		
1,2-Dichloroethane-d4	46.91	50.00	ug/Kg	94%		70-145		
Toluene-d8	49.86	50.00	ug/Kg	100%		70-145		
Bromofluorobenzene	50.56	50.00	ug/Kg	101%		70-145		

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1156148	Batch:	341196
Matrix (Source ID):	Soil (508868-005)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1156148 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	34.93	ND	50.00	ug/Kg	70%		70-141	1
MTBE	26.69	ND	50.00	ug/Kg	53%	*	59-130	1
Benzene	31.90	ND	50.00	ug/Kg	64%	*	70-130	1
Trichloroethene	29.94	ND	50.00	ug/Kg	60%	*	69-130	1
Toluene	30.24	ND	50.00	ug/Kg	60%	*	70-130	1
Chlorobenzene	30.83	ND	50.00	ug/Kg	62%	*	70-130	1
Surrogates								
Dibromofluoromethane	49.49		50.00	ug/Kg	99%		70-145	1
1,2-Dichloroethane-d4	48.71		50.00	ug/Kg	97%		70-145	1
Toluene-d8	49.41		50.00	ug/Kg	99%		70-145	1
Bromofluorobenzene	50.45		50.00	ug/Kg	101%		70-145	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1156149	Batch:	341196
Matrix (Source ID):	Soil (508868-005)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1156149 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	31.64	ND	50.00	ug/Kg	63%	*	70-141	10	43	1
MTBE	25.64	ND	50.00	ug/Kg	51%	*	59-130	4	30	1
Benzene	29.24	ND	50.00	ug/Kg	58%	*	70-130	9	30	1
Trichloroethene	26.57	ND	50.00	ug/Kg	53%	*	69-130	12	30	1
Toluene	27.08	ND	50.00	ug/Kg	54%	*	70-130	11	30	1
Chlorobenzene	27.79	ND	50.00	ug/Kg	56%	*	70-130	10	30	1
Surrogates										
Dibromofluoromethane	49.91		50.00	ug/Kg	100%		70-145			1
1,2-Dichloroethane-d4	47.92		50.00	ug/Kg	96%		70-145			1
Toluene-d8	49.11		50.00	ug/Kg	98%		70-145			1
Bromofluorobenzene	50.44		50.00	ug/Kg	101%		70-145			1

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1156151	Batch: 341196
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1156151 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	05/26/24	05/26/24
Freon 12	ND		ug/Kg	5.0	05/26/24	05/26/24
Chloromethane	ND		ug/Kg	5.0	05/26/24	05/26/24
Vinyl Chloride	ND		ug/Kg	5.0	05/26/24	05/26/24
Bromomethane	ND		ug/Kg	5.0	05/26/24	05/26/24
Chloroethane	ND		ug/Kg	5.0	05/26/24	05/26/24
Trichlorofluoromethane	ND		ug/Kg	5.0	05/26/24	05/26/24
Acetone	ND		ug/Kg	100	05/26/24	05/26/24
Freon 113	ND		ug/Kg	5.0	05/26/24	05/26/24
1,1-Dichloroethene	ND		ug/Kg	5.0	05/26/24	05/26/24
Methylene Chloride	ND		ug/Kg	5.0	05/26/24	05/26/24
MTBE	ND		ug/Kg	5.0	05/26/24	05/26/24
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	05/26/24	05/26/24
1,1-Dichloroethane	ND		ug/Kg	5.0	05/26/24	05/26/24
2-Butanone	ND		ug/Kg	100	05/26/24	05/26/24
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	05/26/24	05/26/24
2,2-Dichloropropane	ND		ug/Kg	5.0	05/26/24	05/26/24
Chloroform	ND		ug/Kg	5.0	05/26/24	05/26/24
Bromochloromethane	ND		ug/Kg	5.0	05/26/24	05/26/24
1,1,1-Trichloroethane	ND		ug/Kg	5.0	05/26/24	05/26/24
1,1-Dichloropropene	ND		ug/Kg	5.0	05/26/24	05/26/24
Carbon Tetrachloride	ND		ug/Kg	5.0	05/26/24	05/26/24
1,2-Dichloroethane	ND		ug/Kg	5.0	05/26/24	05/26/24
Benzene	ND		ug/Kg	5.0	05/26/24	05/26/24
Trichloroethene	ND		ug/Kg	5.0	05/26/24	05/26/24
1,2-Dichloropropane	ND		ug/Kg	5.0	05/26/24	05/26/24
Bromodichloromethane	ND		ug/Kg	5.0	05/26/24	05/26/24
Dibromomethane	ND		ug/Kg	5.0	05/26/24	05/26/24
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	05/26/24	05/26/24
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	05/26/24	05/26/24
Toluene	ND		ug/Kg	5.0	05/26/24	05/26/24
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	05/26/24	05/26/24
1,1,2-Trichloroethane	ND		ug/Kg	5.0	05/26/24	05/26/24
1,3-Dichloropropane	ND		ug/Kg	5.0	05/26/24	05/26/24
Tetrachloroethene	ND		ug/Kg	5.0	05/26/24	05/26/24
Dibromochloromethane	ND		ug/Kg	5.0	05/26/24	05/26/24
1,2-Dibromoethane	ND		ug/Kg	5.0	05/26/24	05/26/24
Chlorobenzene	ND		ug/Kg	5.0	05/26/24	05/26/24
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	05/26/24	05/26/24
Ethylbenzene	ND		ug/Kg	5.0	05/26/24	05/26/24
m,p-Xylenes	ND		ug/Kg	10	05/26/24	05/26/24
o-Xylene	ND		ug/Kg	5.0	05/26/24	05/26/24
Styrene	ND		ug/Kg	5.0	05/26/24	05/26/24
Bromoform	ND		ug/Kg	5.0	05/26/24	05/26/24
Isopropylbenzene	ND		ug/Kg	5.0	05/26/24	05/26/24
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	05/26/24	05/26/24
1,2,3-Trichloropropane	ND		ug/Kg	5.0	05/26/24	05/26/24

ENTHALPY ANALYTICAL

Batch QC

QC1156151 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Propylbenzene	ND		ug/Kg	5.0	05/26/24	05/26/24
Bromobenzene	ND		ug/Kg	5.0	05/26/24	05/26/24
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	05/26/24	05/26/24
2-Chlorotoluene	ND		ug/Kg	5.0	05/26/24	05/26/24
4-Chlorotoluene	ND		ug/Kg	5.0	05/26/24	05/26/24
tert-Butylbenzene	ND		ug/Kg	5.0	05/26/24	05/26/24
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	05/26/24	05/26/24
sec-Butylbenzene	ND		ug/Kg	5.0	05/26/24	05/26/24
para-Isopropyl Toluene	ND		ug/Kg	5.0	05/26/24	05/26/24
1,3-Dichlorobenzene	ND		ug/Kg	5.0	05/26/24	05/26/24
1,4-Dichlorobenzene	ND		ug/Kg	5.0	05/26/24	05/26/24
n-Butylbenzene	ND		ug/Kg	5.0	05/26/24	05/26/24
1,2-Dichlorobenzene	ND		ug/Kg	5.0	05/26/24	05/26/24
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	05/26/24	05/26/24
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	05/26/24	05/26/24
Hexachlorobutadiene	ND		ug/Kg	5.0	05/26/24	05/26/24
Naphthalene	ND		ug/Kg	5.0	05/26/24	05/26/24
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	05/26/24	05/26/24
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	05/26/24	05/26/24
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	05/26/24	05/26/24
tert-Butyl Alcohol (TBA)	ND		ug/Kg	100	05/26/24	05/26/24
Isopropyl Ether (DIPE)	ND		ug/Kg	5.0	05/26/24	05/26/24
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.0	05/26/24	05/26/24
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	5.0	05/26/24	05/26/24
Xylene (total)	ND		ug/Kg	5.0	05/26/24	05/26/24
Surrogates				**Limits**		
Dibromofluoromethane	90%		%REC	70-130	05/26/24	05/26/24
1,2-Dichloroethane-d4	93%		%REC	70-145	05/26/24	05/26/24
Toluene-d8	98%		%REC	70-145	05/26/24	05/26/24
Bromofluorobenzene	102%		%REC	70-145	05/26/24	05/26/24

#	CCV drift outside limits; average CCV drift within limits per method requirements
*	Value is outside QC limits
DO	Diluted Out
ND	Not Detected

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

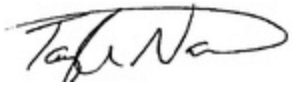
Lab Job Number : 508863
Report Level : II
Report Date : 05/30/2024

Analytical Report *prepared for:*

Chuck Houser
SCS Engineers
8799 Balboa #290
San Diego, CA 92123

Project: MIDWAY RISING - Sports Arena

Authorized for release by:



Taylor Nasu, Project Manager
Taylor.Nasu@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

ENTHALPY ANALYTICAL

Sample Summary

Chuck Houser SCS Engineers 8799 Balboa #290 San Diego, CA 92123		Lab Job #: Project No: Location: Date Received:	508863 MIDWAY RISING Sports Arena 05/22/24

Sample ID	Lab ID	Collected	Matrix
SG-SB-24-1-1.5	508863-001	05/21/24 10:14	Soil
SG-SB-24-1-2.5	508863-002	05/21/24 10:14	Soil
SG-SB-24-1-3.5	508863-003	05/21/24 10:21	Soil
SG-SB-24-1-5	508863-004	05/21/24 10:21	Soil
SG-SB-24-1-6.5	508863-005	05/21/24 10:32	Soil
SG-SB-24-1-8	508863-006	05/21/24 10:32	Soil
SG-SB-24-2-1.5	508863-007	05/21/24 10:50	Soil
SG-SB-24-2-2.5	508863-008	05/21/24 10:50	Soil
SG-SB-24-2-4.5	508863-009	05/21/24 10:58	Soil
SG-SB-24-2-5.5	508863-010	05/21/24 10:58	Soil
SG-SB-24-2-7.5	508863-011	05/21/24 11:06	Soil
SG-SB-24-3-1.5	508863-012	05/21/24 11:24	Soil
SG-SB-24-3-2.5	508863-013	05/21/24 11:24	Soil
SG-SB-24-3-4	508863-014	05/21/24 11:32	Soil
SG-SB-24-3-5	508863-015	05/21/24 11:32	Soil
SG-SB-24-3-5.5	508863-016	05/21/24 11:32	Soil
SG-SB-24-3-7	508863-017	05/21/24 11:42	Soil

Case Narrative

SCS Engineers 8799 Balboa #290 San Diego, CA 92123 Chuck Houser	Lab Job Number:	508863
	Project No:	MIDWAY RISING
	Location:	Sports Arena
	Date Received:	05/22/24

This data package contains sample and QC results for nine soil samples, requested for the above referenced project on 05/22/24. The samples were received cold and intact.

Metals (EPA 6010B and EPA 7471A):

- Low recoveries were observed for antimony in the MS/MSD for batch 340940; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 508863

Page: 1 of 2

Turn Around Time (rush by advanced notice only)

Standard:	✓	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

<<< Select a Laboratory >>>

#N/A

#N/A

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	SCS Engineers	Name:	Midway Rising
Report To:	Chuck Houser	Number:	01213320.07
Email:	chouser@scsengineers.com	P.O. #:	01213320.07
Address:	8799 Balboa Ave #290 San Diego, CA	Address:	3220 - 3500 Sports Arena Blvd. San Diego, CA
Phone:	858-571-5500	Global ID:	
Fax:	—	Sampled By:	Chuck Houser

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: Title 22 Metals (6010B)	Lead (6010B)	Archive	Test Instructions / Comments
1	SG-SB-24-1-1.5	5/21/24	1014	soil	Acetate sleeve	ice			X	1.0 / 0.4
2	SG-SB-24-1-2.5		1014						X	
3	SG-SB-24-1-3.5		1021					X		
4	SG-SB-24-1-5		1021				X			
5	SG-SB-24-1-6.5		1032					X		
6	SG-SB-24-1-8		1032						X	
7	SG-SB-24-2-1.5		1050						X	
8	SG-SB-24-2-2.5		1050					X		
9	SG-SB-24-2-4.5		1058				X			
10	SG-SB-24-2-5.5		1058					X		

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		W Tyler Overton	SCS Engineers	5/22/24 1055
1 Received By:		Michael Tanwangco	EA-SD	5/22/24 1055
2 Relinquished By:		Michael Tanwangco	EA-SD	5/22/24
2 Received By:				5-22-24 1630
3 Relinquished By:				5-22-24 1800
3 Received By:				5/22/24 1820

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 508863

Page: 2 of 2

Turn Around Time (rush by advanced notice only)

Standard:	✓	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

<<< Select a Laboratory >>>

#N/A

#N/A

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	← see pg 1 →	Name:	
Report To:		Number:	
Email:		P.O. #:	
Address:		Address:	
Phone:		Global ID:	
Fax:		Sampled By:	

Analysis Request / **Test Instructions / Comments**

#	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Title 22 metals (6010B)	Lead (6010B)	Analysis (blank)	Analysis (blank)	Analysis (blank)	Archive	Test Instructions / Comments
1	SG-SB-24-2-7.5	5/21/24	1106	soil	Acetate	ice						X	
2	SG-SB-24-3-1.5	↓	1124	↓	↓	↓						X	
3	SG-SB-24-3-2.5	↓	1124	↓	↓	↓						X	
4	SG-SB-24-3-4	↓	1132	↓	↓	↓		X					
5	SG-SB-24-3-5	↓	1132	↓	↓	↓	X						
6	SG-SB-24-3-5.5	↓	1132	↓	↓	↓		X					
7	SG-SB-24-3-7	↓	1142	↓	↓	↓						X	
8													
9													
10													

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	[illegible]	[illegible]	SCS Engineers	5/22/24 1055
1 Received By:	[illegible]	Michael Tanwansew	EA-SD	5/22/24 1035
2 Relinquished By:	[illegible]	Michael Tanwansew	EA SD	5/22/24
2 Received By:	[illegible]	Nicho	EA	5-22-24 1600
3 Relinquished By:	[illegible]	Nicho	EA	5-22-24 1300
3 Received By:	[illegible]	G [illegible]	CA	5/22/24 1800

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: SCS ENGINEERS Project: MIDWAY RISING

Date Received: 05.22.24 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 12 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 10 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✓
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?			✓
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 5/22/24

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www.enthalpy.com/socal

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: SCSE Project: Midway Rising

Date Received: 5/22/24 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 1.8 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 0.4 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✓
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?			✓
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 5/22/24

ENTHALPY ANALYTICAL

Analysis Results for 508863

Chuck Houser
SCS Engineers
8799 Balboa #290
San Diego, CA 92123

Lab Job #: 508863
Project No: MIDWAY RISING
Location: Sports Arena
Date Received: 05/22/24

Sample ID: SG-SB-24-1-3.5 **Lab ID: 508863-003** **Collected: 05/21/24 10:21**
Matrix: Soil

508863-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**4.7**		mg/Kg	0.99	0.99	340940	05/22/24	05/23/24	SBW

Sample ID: SG-SB-24-1-5 **Lab ID: 508863-004** **Collected: 05/21/24 10:21**
Matrix: Soil

508863-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.98	340940	05/22/24	05/23/24	SBW
Arsenic	**4.8**		mg/Kg	0.98	0.98	340940	05/22/24	05/23/24	SBW
Barium	**54**		mg/Kg	0.98	0.98	340940	05/22/24	05/23/24	SBW
Beryllium	ND		mg/Kg	0.49	0.98	340940	05/22/24	05/23/24	SBW
Cadmium	ND		mg/Kg	0.49	0.98	340940	05/22/24	05/23/24	SBW
Chromium	**14**		mg/Kg	0.98	0.98	340940	05/22/24	05/23/24	SBW
Cobalt	**5.3**		mg/Kg	0.49	0.98	340940	05/22/24	05/23/24	SBW
Copper	**9.6**		mg/Kg	0.98	0.98	340940	05/22/24	05/23/24	SBW
Lead	**6.8**		mg/Kg	0.98	0.98	340940	05/22/24	05/23/24	SBW
Molybdenum	ND		mg/Kg	0.98	0.98	340940	05/22/24	05/23/24	SBW
Nickel	**6.6**		mg/Kg	0.98	0.98	340940	05/22/24	05/23/24	SBW
Selenium	ND		mg/Kg	2.9	0.98	340940	05/22/24	05/23/24	SBW
Silver	ND		mg/Kg	0.49	0.98	340940	05/22/24	05/23/24	SBW
Thallium	ND		mg/Kg	2.9	0.98	340940	05/22/24	05/23/24	SBW
Vanadium	**38**		mg/Kg	0.98	0.98	340940	05/22/24	05/23/24	SBW
Zinc	**36**		mg/Kg	4.9	0.98	340940	05/22/24	05/23/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.2	341031	05/23/24	05/23/24	DXC

Sample ID: SG-SB-24-1-6.5 **Lab ID: 508863-005** **Collected: 05/21/24 10:32**
Matrix: Soil

508863-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**6.5**		mg/Kg	0.95	0.95	340940	05/22/24	05/23/24	SBW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 508863

Sample ID: SG-SB-24-2-2.5 **Lab ID: 508863-008** **Collected: 05/21/24 10:50**
Matrix: Soil

508863-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**4.8**		mg/Kg	0.95	0.95	340940	05/22/24	05/23/24	SBW

Sample ID: SG-SB-24-2-4.5 **Lab ID: 508863-009** **Collected: 05/21/24 10:58**
Matrix: Soil

508863-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.98	340940	05/22/24	05/23/24	SBW
Arsenic	**2.2**		mg/Kg	0.98	0.98	340940	05/22/24	05/23/24	SBW
Barium	**120**		mg/Kg	0.98	0.98	340940	05/22/24	05/23/24	SBW
Beryllium	ND		mg/Kg	0.49	0.98	340940	05/22/24	05/23/24	SBW
Cadmium	ND		mg/Kg	0.49	0.98	340940	05/22/24	05/23/24	SBW
Chromium	**22**		mg/Kg	0.98	0.98	340940	05/22/24	05/23/24	SBW
Cobalt	**7.1**		mg/Kg	0.49	0.98	340940	05/22/24	05/23/24	SBW
Copper	**12**		mg/Kg	0.98	0.98	340940	05/22/24	05/23/24	SBW
Lead	**1.8**		mg/Kg	0.98	0.98	340940	05/22/24	05/23/24	SBW
Molybdenum	ND		mg/Kg	0.98	0.98	340940	05/22/24	05/23/24	SBW
Nickel	**6.7**		mg/Kg	0.98	0.98	340940	05/22/24	05/23/24	SBW
Selenium	ND		mg/Kg	2.9	0.98	340940	05/22/24	05/23/24	SBW
Silver	ND		mg/Kg	0.49	0.98	340940	05/22/24	05/23/24	SBW
Thallium	ND		mg/Kg	2.9	0.98	340940	05/22/24	05/23/24	SBW
Vanadium	**56**		mg/Kg	0.98	0.98	340940	05/22/24	05/23/24	SBW
Zinc	**31**		mg/Kg	4.9	0.98	340940	05/22/24	05/23/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	341031	05/23/24	05/23/24	DXC

Sample ID: SG-SB-24-2-5.5 **Lab ID: 508863-010** **Collected: 05/21/24 10:58**
Matrix: Soil

508863-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**2.2**		mg/Kg	0.97	0.97	340940	05/22/24	05/23/24	SBW

Sample ID: SG-SB-24-3-4 **Lab ID: 508863-014** **Collected: 05/21/24 11:32**
Matrix: Soil

508863-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**6.6**		mg/Kg	0.95	0.95	340940	05/22/24	05/23/24	SBW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 508863

Sample ID: SG-SB-24-3-5	Lab ID: 508863-015	Collected: 05/21/24 11:32
	Matrix: Soil	

508863-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.97	340940	05/22/24	05/23/24	SBW
Arsenic	**5.9**		mg/Kg	0.97	0.97	340940	05/22/24	05/23/24	SBW
Barium	**60**		mg/Kg	0.97	0.97	340940	05/22/24	05/23/24	SBW
Beryllium	ND		mg/Kg	0.49	0.97	340940	05/22/24	05/23/24	SBW
Cadmium	ND		mg/Kg	0.49	0.97	340940	05/22/24	05/23/24	SBW
Chromium	**13**		mg/Kg	0.97	0.97	340940	05/22/24	05/23/24	SBW
Cobalt	**5.3**		mg/Kg	0.49	0.97	340940	05/22/24	05/23/24	SBW
Copper	**8.6**		mg/Kg	0.97	0.97	340940	05/22/24	05/23/24	SBW
Lead	**7.0**		mg/Kg	0.97	0.97	340940	05/22/24	05/23/24	SBW
Molybdenum	ND		mg/Kg	0.97	0.97	340940	05/22/24	05/23/24	SBW
Nickel	**6.8**		mg/Kg	0.97	0.97	340940	05/22/24	05/23/24	SBW
Selenium	ND		mg/Kg	2.9	0.97	340940	05/22/24	05/23/24	SBW
Silver	ND		mg/Kg	0.49	0.97	340940	05/22/24	05/23/24	SBW
Thallium	ND		mg/Kg	2.9	0.97	340940	05/22/24	05/23/24	SBW
Vanadium	**36**		mg/Kg	0.97	0.97	340940	05/22/24	05/23/24	SBW
Zinc	**32**		mg/Kg	4.9	0.97	340940	05/22/24	05/23/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	341031	05/23/24	05/23/24	DXC

Sample ID: SG-SB-24-3-5.5	Lab ID: 508863-016	Collected: 05/21/24 11:32
	Matrix: Soil	

508863-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	ND		mg/Kg	0.99	0.99	340940	05/22/24	05/23/24	SBW

ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1155279**	**Batch:**	**340940**
Matrix:	**Soil**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3050B**

QC1155279 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	05/22/24	05/23/24
Arsenic	ND		mg/Kg	1.0	05/22/24	05/23/24
Barium	ND		mg/Kg	1.0	05/22/24	05/23/24
Beryllium	ND		mg/Kg	0.50	05/22/24	05/23/24
Cadmium	ND		mg/Kg	0.50	05/22/24	05/23/24
Chromium	ND		mg/Kg	1.0	05/22/24	05/23/24
Cobalt	ND		mg/Kg	0.50	05/22/24	05/23/24
Copper	ND		mg/Kg	1.0	05/22/24	05/23/24
Lead	ND		mg/Kg	1.0	05/22/24	05/23/24
Molybdenum	ND		mg/Kg	1.0	05/22/24	05/23/24
Nickel	ND		mg/Kg	1.0	05/22/24	05/23/24
Selenium	ND		mg/Kg	3.0	05/22/24	05/23/24
Silver	ND		mg/Kg	0.50	05/22/24	05/23/24
Thallium	ND		mg/Kg	3.0	05/22/24	05/23/24
Vanadium	ND		mg/Kg	1.0	05/22/24	05/23/24
Zinc	ND		mg/Kg	5.0	05/22/24	05/23/24

Type:	**Lab Control Sample**	**Lab ID:**	**QC1155280**	**Batch:**	**340940**
Matrix:	**Soil**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3050B**

QC1155280 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	97.47	100.0	mg/Kg	97%		80-120
Arsenic	91.96	100.0	mg/Kg	92%		80-120
Barium	98.10	100.0	mg/Kg	98%		80-120
Beryllium	94.85	100.0	mg/Kg	95%		80-120
Cadmium	96.36	100.0	mg/Kg	96%		80-120
Chromium	95.17	100.0	mg/Kg	95%		80-120
Cobalt	101.3	100.0	mg/Kg	101%		80-120
Copper	92.95	100.0	mg/Kg	93%		80-120
Lead	99.81	100.0	mg/Kg	100%		80-120
Molybdenum	96.84	100.0	mg/Kg	97%		80-120
Nickel	98.20	100.0	mg/Kg	98%		80-120
Selenium	89.98	100.0	mg/Kg	90%		80-120
Silver	48.86	50.00	mg/Kg	98%		80-120
Thallium	97.17	100.0	mg/Kg	97%		80-120
Vanadium	97.27	100.0	mg/Kg	97%		80-120
Zinc	95.88	100.0	mg/Kg	96%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1155281	Batch:	340940
Matrix (Source ID):	Soil (508878-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1155281 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	40.61	ND	94.34	mg/Kg	43%	*	75-125	0.94
Arsenic	91.05	1.466	94.34	mg/Kg	95%		75-125	0.94
Barium	161.8	51.63	94.34	mg/Kg	117%		75-125	0.94
Beryllium	92.66	0.2189	94.34	mg/Kg	98%		75-125	0.94
Cadmium	90.80	0.08762	94.34	mg/Kg	96%		75-125	0.94
Chromium	100.5	8.982	94.34	mg/Kg	97%		75-125	0.94
Cobalt	99.54	3.626	94.34	mg/Kg	102%		75-125	0.94
Copper	99.46	4.229	94.34	mg/Kg	101%		75-125	0.94
Lead	94.44	1.108	94.34	mg/Kg	99%		75-125	0.94
Molybdenum	89.64	0.2966	94.34	mg/Kg	95%		75-125	0.94
Nickel	95.97	3.961	94.34	mg/Kg	98%		75-125	0.94
Selenium	87.64	ND	94.34	mg/Kg	93%		75-125	0.94
Silver	46.99	ND	47.17	mg/Kg	100%		75-125	0.94
Thallium	90.12	ND	94.34	mg/Kg	96%		75-125	0.94
Vanadium	134.0	31.96	94.34	mg/Kg	108%		75-125	0.94
Zinc	112.0	18.12	94.34	mg/Kg	100%		75-125	0.94

Type:	Matrix Spike Duplicate	Lab ID:	QC1155282	Batch:	340940
Matrix (Source ID):	Soil (508878-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1155282 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	43.18	ND	99.01	mg/Kg	44%	*	75-125	1	41	0.99
Arsenic	93.92	1.466	99.01	mg/Kg	93%		75-125	2	35	0.99
Barium	168.4	51.63	99.01	mg/Kg	118%		75-125	1	20	0.99
Beryllium	95.57	0.2189	99.01	mg/Kg	96%		75-125	2	20	0.99
Cadmium	93.56	0.08762	99.01	mg/Kg	94%		75-125	2	20	0.99
Chromium	103.7	8.982	99.01	mg/Kg	96%		75-125	1	20	0.99
Cobalt	104.4	3.626	99.01	mg/Kg	102%		75-125	0	20	0.99
Copper	102.9	4.229	99.01	mg/Kg	100%		75-125	1	20	0.99
Lead	97.56	1.108	99.01	mg/Kg	97%		75-125	2	20	0.99
Molybdenum	93.17	0.2966	99.01	mg/Kg	94%		75-125	1	20	0.99
Nickel	99.27	3.961	99.01	mg/Kg	96%		75-125	1	20	0.99
Selenium	90.68	ND	99.01	mg/Kg	92%		75-125	1	20	0.99
Silver	48.68	ND	49.50	mg/Kg	98%		75-125	1	20	0.99
Thallium	93.30	ND	99.01	mg/Kg	94%		75-125	1	20	0.99
Vanadium	138.5	31.96	99.01	mg/Kg	108%		75-125	0	20	0.99
Zinc	115.7	18.12	99.01	mg/Kg	99%		75-125	1	20	0.99

ENTHALPY ANALYTICAL

Batch QC

Type:	Post Digest Spike	Lab ID:	QC1155283	Batch:	340940
Matrix (Source ID):	Soil (508878-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1155283 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	99.83	ND	99.01	mg/Kg	101%		75-125	0.99
Arsenic	95.68	1.466	99.01	mg/Kg	95%		75-125	0.99
Barium	147.2	51.63	99.01	mg/Kg	97%		75-125	0.99
Beryllium	96.52	0.2189	99.01	mg/Kg	97%		75-125	0.99
Cadmium	95.87	0.08762	99.01	mg/Kg	97%		75-125	0.99
Chromium	103.8	8.982	99.01	mg/Kg	96%		75-125	0.99
Cobalt	103.3	3.626	99.01	mg/Kg	101%		75-125	0.99
Copper	102.5	4.229	99.01	mg/Kg	99%		75-125	0.99
Lead	99.74	1.108	99.01	mg/Kg	100%		75-125	0.99
Molybdenum	99.98	0.2966	99.01	mg/Kg	101%		75-125	0.99
Nickel	100.4	3.961	99.01	mg/Kg	97%		75-125	0.99
Selenium	93.09	ND	99.01	mg/Kg	94%		75-125	0.99
Silver	49.21	ND	49.50	mg/Kg	99%		75-125	0.99
Thallium	95.74	ND	99.01	mg/Kg	97%		75-125	0.99
Vanadium	130.7	31.96	99.01	mg/Kg	100%		75-125	0.99
Zinc	112.4	18.12	99.01	mg/Kg	95%		75-125	0.99

Type:	Blank	Lab ID:	QC1155557	Batch:	341031
Matrix:	Soil	Method:	EPA 7471A	Prep Method:	METHOD

QC1155557 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	05/23/24	05/23/24

Type:	Lab Control Sample	Lab ID:	QC1155558	Batch:	341031
Matrix:	Soil	Method:	EPA 7471A	Prep Method:	METHOD

QC1155558 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.7917	0.8333	mg/Kg	95%		80-120

Type:	Matrix Spike	Lab ID:	QC1155559	Batch:	341031
Matrix (Source ID):	Soil (508910-001)	Method:	EPA 7471A	Prep Method:	METHOD

QC1155559 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.8702	ND	0.8621	mg/Kg	101%		75-125	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1155560	Batch:	341031
Matrix (Source ID):	Soil (508910-001)	Method:	EPA 7471A	Prep Method:	METHOD

QC1155560 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	0.9224	ND	0.9259	mg/Kg	100%		75-125	1	20	1.1

Batch QC

* Value is outside QC limits
ND Not Detected

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

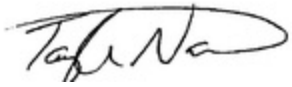
Lab Job Number : 509012
Report Level : II
Report Date : 05/31/2024

Analytical Report *prepared for:*

Chuck Houser
SCS Engineers
8799 Balboa #290
San Diego, CA 92123

Project: MIDWAY RISING - Sports Arena

Authorized for release by:



Taylor Nasu, Project Manager
Taylor.Nasu@enthalpy.com

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CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 503715
Report Level : II
Report Date : 04/13/2024

Analytical Report *prepared for:*

Chuck Houser
SCS Engineers
8799 Balboa #290
San Diego, CA 92123

Project: MIDWAY RISING - Sports Arena

Authorized for release by:

David Tripp, Project Manager
657-581-4710
david.tripp@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

ENTHALPY ANALYTICAL

Sample Summary

Chuck Houser
SCS Engineers
8799 Balboa #290
San Diego, CA
92123

Lab Job #:	503715
Project No:	MIDWAY RISING
Location:	Sports Arena
Date Received:	03/05/24

Sample ID	Lab ID	Collected	Matrix
HA-24-010-0.5	503715-001	03/04/24 08:08	Soil
HA-24-010-1.5	503715-002	03/04/24 08:21	Soil
HA-24-010-2.5	503715-003	03/04/24 08:43	Soil
HA-24-010-4	503715-004	03/04/24 09:04	Soil
HA-24-007-0.5	503715-005	03/04/24 09:23	Soil
HA-24-007-1.5	503715-006	03/04/24 09:37	Soil
HA-24-007-2.5	503715-007	03/04/24 09:52	Soil
HA-24-007-4	503715-008	03/04/24 10:07	Soil
HA-24-003-0.5	503715-009	03/04/24 10:23	Soil
HA-24-003-1.5	503715-010	03/04/24 10:42	Soil
HA-24-003-2.5	503715-011	03/04/24 10:57	Soil
HA-24-003-3.5	503715-012	03/04/24 11:12	Soil
HA-24-001-0.5	503715-013	03/04/24 11:31	Soil
HA-24-001-1.5	503715-014	03/04/24 11:46	Soil
HA-24-001-3	503715-015	03/04/24 12:02	Soil
HA-24-001-4	503715-016	03/04/24 12:19	Soil
HA-24-002-0.5	503715-017	03/04/24 12:40	Soil
HA-24-002-1.5	503715-018	03/04/24 12:56	Soil
HA-24-002-2.5	503715-019	03/04/24 13:07	Soil
HA-24-002-4	503715-020	03/04/24 13:24	Soil
HA-24-006-0.5	503715-021	03/04/24 13:51	Soil
HA-24-006-1.5	503715-022	03/04/24 14:09	Soil
HA-24-006-2.5	503715-023	03/04/24 14:22	Soil
HA-24-006-3.5	503715-024	03/04/24 14:37	Soil
HA-24-005-0.5	503715-025	03/04/24 14:55	Soil
HA-24-005-1.5	503715-026	03/04/24 15:08	Soil

ENTHALPY ANALYTICAL

Sample Summary

Chuck Houser
SCS Engineers
8799 Balboa #290
San Diego, CA
92123

Lab Job #:	503715
Project No:	MIDWAY RISING
Location:	Sports Arena
Date Received:	03/05/24

Sample ID	Lab ID	Collected	Matrix
HA-24-005-2.5	503715-027	03/04/24 15:21	Soil
HA-24-005-4	503715-028	03/04/24 15:35	Soil
HA-24-004-0.5	503715-029	03/04/24 15:52	Soil
HA-24-004-1.5	503715-030	03/04/24 16:09	Soil
HA-24-004-2.5	503715-031	03/04/24 16:23	Soil
HA-24-004-4	503715-032	03/04/24 16:40	Soil
HA-24-009-0.5	503715-033	03/05/24 07:49	Soil
HA-24-009-1.5	503715-034	03/05/24 08:11	Soil
HA-24-009-2.5	503715-035	03/05/24 08:29	Soil
HA-24-009-4	503715-036	03/05/24 08:46	Soil
HA-24-011-0.5	503715-037	03/05/24 09:09	Soil
HA-24-011-1.5	503715-038	03/05/24 09:27	Soil
HA-24-011-2.5	503715-039	03/05/24 09:43	Soil
HA-24-011-4	503715-040	03/05/24 10:01	Soil
HA-24-008-0.5	503715-041	03/05/24 10:20	Soil
HA-24-008-1.5	503715-042	03/05/24 10:41	Soil
HA-24-008-2.5	503715-043	03/05/24 10:58	Soil
HA-24-008-4	503715-044	03/05/24 11:19	Soil
HA-24-012-0.5	503715-045	03/05/24 12:09	Soil
HA-24-012-1.5	503715-046	03/05/24 12:19	Soil
HA-24-012-2.5	503715-047	03/05/24 12:42	Soil
HA-24-012-4	503715-048	03/05/24 13:02	Soil

ENTHALPY ANALYTICAL

Case Narrative

SCS Engineers 8799 Balboa #290 San Diego, CA 92123 Chuck Houser	Lab Job Number:	503715
	Project No:	MIDWAY RISING
	Location:	Sports Arena
	Date Received:	03/05/24

- This data package contains sample and QC results for thirty three soil samples, requested for the above referenced project on 03/05/24. The samples were received cold and intact.
- REPORT REVISED for added Pesticides and STLC/TCLP Chlordane analyses and results. 041324dst

Pesticides (EPA 8081A) Soil:

- High recovery was observed for endrin ketone in the LCS for batch 334976; this analyte was not detected at or above the RL in the associated samples.
- High recoveries were observed for a number of analytes in the MS/MSD for batch 334976; the parent sample was not a project sample, the associated RPDs were within limits, and these analytes were not detected at or above the RL in the associated samples. High RPD was observed for dieldrin; this analyte was not detected at or above the RL in the associated samples.
- High recovery was observed for 4,4'-DDE in the LCS for batch 335083; this analyte was not detected at or above the RL in the associated samples.
- High recovery was observed for methoxychlor in the LCS for batch 335742; this analyte was not detected at or above the RL in the associated samples.
- High recoveries were observed for 4,4'-DDT and methoxychlor in the MS/MSD of HA-24-003-3.5 (lab # 503715-012); the associated RPDs were within limits, and these analytes were not detected at or above the RL in the associated samples.
- High recoveries were observed for many analytes in the MSD for batch 335083; the parent sample was not a project sample, and these analytes were not detected at or above the RL in the associated samples. High RPD was observed for 4,4'-DDD in the MS/MSD for batch 335083; this analyte was not detected at or above the RL in the associated samples.
- Response exceeding the instrument's linear range was observed for decachlorobiphenyl in the method blank for batch 334976; affected data was qualified with "E".
- High surrogate recoveries were observed for decachlorobiphenyl in HA-24-011-0.5 (lab # 503715-037) and the method blank for batch 334976; the corresponding TCMX surrogate recoveries were within limits, and no target analytes were detected in these samples.
- Many samples were prepared outside of hold time; affected data was qualified with "H".
- HA-24-003-2.5 (lab # 503715-011) was diluted due to the color of the sample extract.
- No other analytical problems were encountered.

Pesticides (EPA 8081A) TCLP Leachate:

- High surrogate recoveries were observed for decachlorobiphenyl in many samples; the corresponding TCMX surrogate recoveries were within limits.
- No other analytical problems were encountered.

Pesticides (EPA 8081A) WET Leachate:

- High surrogate recoveries were observed for decachlorobiphenyl in a number of samples; the corresponding TCMX surrogate recoveries were within limits, and no target analytes were detected in these samples.
- No other analytical problems were encountered.

Metals (EPA 6010B and EPA 7471A):

- Low recoveries were observed for antimony in the MS/MSD of HA-24-001-1.5 (lab # 503715-014); the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 503715
Page: 1 of 5

Turn Around Time (rush by advanced notice only)

Standard:	✓	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

<<< Select a Laboratory >>>

#N/A

#N/A

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	SCS Engineers	Name:	Midway Rising
Report To:	Chuck Houser	Number:	01213320.07
Email:	chouser@scsengineers.com	P.O. #:	01213320.07
Address:	8799 Balboa Ave. #290	Address:	3500 Sports Arena Blvd.
	San Diego CA		San Diego, CA
Phone:	619-458-2799	Global ID:	
Fax:		Sampled By:	Tyler Overton

Analysis Request: OCPs (8081), Metals (6010B), Archive

Test Instructions / Comments: 0.4/0.1

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	OCPs (8081)	Metals (6010B)	Archive
1	HA-24-010-0.5	3/4/24	808	soil	4oz glass jar	ice	X		
2	HA-24-010-1.5	↓	821	↓	↓	↓			X
3	HA-24-010-2.5	↓	843	↓	↓	↓	X		
4	HA-24-010-4	↓	904	↓	↓	↓			X
5	HA-24-007-0.5	↓	923	↓	↓	↓	X		
6	HA-24-007-1.5	↓	937	↓	↓	↓			X
7	HA-24-007-2.5	↓	952	↓	↓	↓	X		
8	HA-24-007-4	↓	1007	↓	↓	↓			X
9	HA-24-003-0.5	↓	1023	↓	↓	↓	X		
10	HA-24-003-1.5	↓	1042	↓	↓	↓			X

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	[signature]	W Tyler Overton	SCS Engineers	3/5/24 1353
1 Received By:	[signature]	Michael Tanwangco	EA-SD	3/5/24 1353
2 Relinquished By:	[signature]	Michael Tanwangco	EA SD	3/5/24 1448
2 Received By:	[signature]	Chris Montoya	EA-SD	3/5/24 1448
3 Relinquished By:	[signature]	Chris Montoya	EA-SD	3/5/24 1637
3 Received By:	[signature]	Nicko	EA	3-5-24 1637

Nicko EA 3-5-24 1805 Rec'd Annaliese Smans 3/5/24 1805

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 503715

Page: 2 of 5

Turn Around Time (rush by advanced notice only)

Standard:	✓	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

<<< Select a Laboratory >>>

#N/A

#N/A

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	← see pg 1 →	Name:	
Report To:		Number:	
Email:		P.O. #:	
Address:		Address:	
Phone:		Global ID:	
Fax:		Sampled By:	

Analysis Request / **Test Instructions / Comments**

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	OCPs (8081A)	Metals (6010B)	Archive	Test Instructions / Comments
1	HA-24-003-2.5	3/4/24	1057	soil	4oz glass jar	ice	X			
2	HA-24-003-3.5	↓	1112	↓	↓	↓			X	
3	HA-24-001-0.5	↓	1131	↓	↓	↓			X	
4	HA-24-001-1.5	↓	1146	↓	↓	↓	X	X		
5	HA-24-001-3	↓	1202	↓	↓	↓	X	X		
6	HA-24-001-4	↓	1219	↓	↓	↓	X	X		
7	HA-24-002-0.5	↓	1240	↓	↓	↓	X			
8	HA-24-002-1.5	↓	1256	↓	↓	↓			X	
9	HA-24-002-2.5	↓	1307	↓	↓	↓	X			
10	HA-24-002-4	↓	1324	↓	↓	↓			X	

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	[signature]	Wyler Overton	SCS Engineers	3/5/24 1353
1 Received By:	[signature]	Michael Pangangelo	EASD	3/5/24 1353
2 Relinquished By:	[signature]	Michael Pangangelo	EASD	3/5/24 1448
2 Received By:	[signature]	Chris Montoya	EA SD	3/5/24 1448
3 Relinquished By:	[signature]	Chris Montoya	EA SD	3/5/24 1637
3 Received By:	[signature]	N. Wolf	EA	3-5-24 1637

N Wolf EA 3-5-24 1805 Rec G. Armolesi EA 3/5/24 1805

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 503715

Page: 3 of 5

Turn Around Time (rush by advanced notice only)

Standard:	✓	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

<<< Select a Laboratory >>>

#N/A

#N/A

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	←see pg 1→	Name:	
Report To:		Number:	
Email:		P.O. #:	
Address:		Address:	
Phone:		Global ID:	
Fax:		Sampled By:	

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	OCPs (8081A)	Metals (6010B)	Archive	Test Instructions / Comments
1	HA-24-006-0.5	3/4/24	1351	Soil	4oz glass jar	ice	X			
2	HA-24-006-1.5		1409						X	
3	HA-24-006-2.5		1422				X			
4	HA-24-006-3.5		1437						X	
5	HA-24-005-0.5		1455							
6	HA-24-005-1.5		1508				X			
7	HA-24-005-2.5		1521						X	
8	HA-24-005-4		1535				X			
9	HA-24-004-0.5		1552						X	
10	HA-24-004-1.5		1609				X			

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Wyatt Overton	SCS Engineers	3/5/24 1353
1 Received By:		MICHAEL TANNANGCO	EA-SD	3/5/24 1353
2 Relinquished By:		MICHAEL TANNANGCO	EA-SD	3/5/24 1448
2 Received By:		Chris Montoya	EA-SD	3/5/24 1448
3 Relinquished By:		Chris Montoya	EA-SD	3/5/24 1637
3 Received By:		Nick	EA	3-5-24 1637

MCR 3-5-24 1805 Rec'd Anaheim 3/5/24 1805

ENTHALPY ANALYTICAL

<<< Select a Laboratory >>>

#N/A

#N/A

Chain of Custody Record

Lab No: 503715

Page: 4 of 5

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Turn Around Time (rush by advanced notice only)

Standard:	✓	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	← see pg 1 →	Name:	
Report To:		Number:	
Email:		P.O. #:	
Address:		Address:	
Phone:		Global ID:	
Fax:		Sampled By:	

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	OCPs (8081A)	Metals (6010B)	Archive	Test Instructions / Comments
1	HA-24-004-2-5	3/4/24	1623	soil	4oz glass jar	ice	X			
2	HA-24-004-4	↓	1640	↓	↓	↓			X	
3	HA-24-009-0.5	3/5/24	749				X			
4	HA-24-009-1.5	↓	811						X	
5	HA-24-009-2.5		829				X			
6	HA-24-009-4		846						X	
7	HA-24-011-0.5		909				X			
8	HA-24-011-1.5		927						X	
9	HA-24-011-2.5		943				X			
10	HA-24-011-4	↓	1001	↓	↓	↓			X	

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	[signature]	Wylie Overton	SCS Engineers	3/5/24 1353
1 Received By:	[signature]	Michael Tanwango	EA SD	3/5/24 13:53
2 Relinquished By:	[signature]	Michael Tanwango	EA-SD	3/5/24 1448
2 Received By:	[signature]	Chris Montoya	EA SD	3/5/24 1448
3 Relinquished By:	[signature]	Chris Montoya	EA SD	3/5/24 1637
3 Received By:	[signature]	N. Mc[illegible]	EA	3-5-24 1637

NI CRB 3-5-24 1805 KCC [signature] Anders Sons EA 3/5/24 1828

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 503715

Page: 5 of 5

Turn Around Time (rush by advanced notice only)

Standard:	✓	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

<<< Select a Laboratory >>>

#N/A

#N/A

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	← see pg 1 →	Name:	
Report To:		Number:	
Email:		P.O. #:	
Address:		Address:	
Phone:		Global ID:	
Fax:		Sampled By:	

Analysis Request

#	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	OCPs (8081A)	Metals (6010B)	Archive	Test Instructions / Comments
1	HA-24-008 -0.5	3/5/24	1020	soil	4oz glass jar	ice	X			
2	HA-24-008 -1.5	↓	1041	↓	↓	↓			X	
3	HA-24-008 -2.5	↓	1058	↓	↓	↓	X			
4	HA-24-008 -4	↓	1119	↓	↓	↓			X	
5	HA-24-012 -0.5	↓	1209	↓	↓	↓	X			
6	HA-24-012 -1.5	↓	1219	↓	↓	↓			X	
7	HA-24-012 -2.5	↓	1242	↓	↓	↓	X			
8	HA-24-012 -4	↓	1302	↓	↓	↓			X	
9										
10										

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	[signature]	W Tyler Overton	SCS Engineers	3/5/24 1353
1 Received By:	[signature]	Michael Tawwango	EA-SD	3/5/24 13:53
2 Relinquished By:	[signature]	Michael Tawwango	EA-SD	3/5/24 1458
2 Received By:	[signature]	Chris Montoya	EA SD	3/5/24 1458
3 Relinquished By:	[signature]	Chris Montoya	EA SD	3/5/24 1637
3 Received By:	[signature]	[illegible]	EA	3-5-24 1637

N UKGEA 3-5-24 1805 Rec @ Anaheim 3/5/24 1805

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: SCS Engineers

Project: Midway Rising

Date Received: 3/5/24

Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2)

Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 0.4 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 0.1 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✓
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?			✓
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____ ☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: MAR 05 2024

Enthalpy Analytical, a subsidiary of Montrose Environmental Group ,Inc.
931 W. Barkley Ave, Orange, CA 92868 • T: (714) 771-6900 • F: (714) 538-1209
www.enthalpy.com/socal

ENTHALPY ANALYTICAL

Analysis Results for 503715

Chuck Houser
SCS Engineers
8799 Balboa #290
San Diego, CA 92123

Lab Job #: 503715
Project No: MIDWAY RISING
Location: Sports Arena
Date Received: 03/05/24

Sample ID: HA-24-010-0.5 **Lab ID: 503715-001** **Collected: 03/04/24 08:08**
Matrix: Soil

503715-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	334976	03/09/24	03/11/24	MES
beta-BHC	ND		ug/Kg	5.1	1	334976	03/09/24	03/11/24	MES
gamma-BHC	ND		ug/Kg	5.1	1	334976	03/09/24	03/11/24	MES
delta-BHC	ND		ug/Kg	5.1	1	334976	03/09/24	03/11/24	MES
Heptachlor	ND		ug/Kg	5.1	1	334976	03/09/24	03/11/24	MES
Aldrin	ND		ug/Kg	5.1	1	334976	03/09/24	03/11/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1	334976	03/09/24	03/11/24	MES
Endosulfan I	ND		ug/Kg	5.1	1	334976	03/09/24	03/11/24	MES
Dieldrin	ND		ug/Kg	5.1	1	334976	03/09/24	03/11/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1	334976	03/09/24	03/11/24	MES
Endrin	ND		ug/Kg	5.1	1	334976	03/09/24	03/11/24	MES
Endosulfan II	ND		ug/Kg	5.1	1	334976	03/09/24	03/11/24	MES
Endosulfan sulfate	ND		ug/Kg	5.1	1	334976	03/09/24	03/11/24	MES
4,4'-DDD	ND		ug/Kg	5.1	1	334976	03/09/24	03/11/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	1	334976	03/09/24	03/11/24	MES
Endrin ketone	ND		ug/Kg	5.1	1	334976	03/09/24	03/11/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1	334976	03/09/24	03/11/24	MES
Methoxychlor	ND		ug/Kg	10	1	334976	03/09/24	03/11/24	MES
Toxaphene	ND		ug/Kg	100	1	334976	03/09/24	03/11/24	MES
Chlordane (Technical)	**3,400**		ug/Kg	250	5.1	334976	03/09/24	03/12/24	MES
Surrogates				**Limits**					
TCMX	90%		%REC	23-120	1	334976	03/09/24	03/11/24	MES
Decachlorobiphenyl	109%		%REC	24-120	1	334976	03/09/24	03/11/24	MES

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 503715

Sample ID: HA-24-010-1.5	Lab ID: 503715-002	Collected: 03/04/24 08:21
	Matrix: Soil	

503715-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND	H	ug/Kg	5.0	0.99	335742	03/19/24	03/21/24	MTS
beta-BHC	ND	H	ug/Kg	5.0	0.99	335742	03/19/24	03/21/24	MTS
gamma-BHC	ND	H	ug/Kg	5.0	0.99	335742	03/19/24	03/21/24	MTS
delta-BHC	ND	H	ug/Kg	5.0	0.99	335742	03/19/24	03/21/24	MTS
Heptachlor	ND	H	ug/Kg	5.0	0.99	335742	03/19/24	03/21/24	MTS
Aldrin	ND	H	ug/Kg	5.0	0.99	335742	03/19/24	03/21/24	MTS
Heptachlor epoxide	ND	H	ug/Kg	5.0	0.99	335742	03/19/24	03/21/24	MTS
Endosulfan I	ND	H	ug/Kg	5.0	0.99	335742	03/19/24	03/21/24	MTS
Dieldrin	ND	H	ug/Kg	5.0	0.99	335742	03/19/24	03/21/24	MTS
4,4'-DDE	ND	H	ug/Kg	5.0	0.99	335742	03/19/24	03/21/24	MTS
Endrin	ND	H	ug/Kg	5.0	0.99	335742	03/19/24	03/21/24	MTS
Endosulfan II	ND	H	ug/Kg	5.0	0.99	335742	03/19/24	03/21/24	MTS
Endosulfan sulfate	ND	H	ug/Kg	5.0	0.99	335742	03/19/24	03/21/24	MTS
4,4'-DDD	ND	H	ug/Kg	5.0	0.99	335742	03/19/24	03/21/24	MTS
Endrin aldehyde	ND	H	ug/Kg	5.0	0.99	335742	03/19/24	03/21/24	MTS
Endrin ketone	ND	H	ug/Kg	5.0	0.99	335742	03/19/24	03/21/24	MTS
4,4'-DDT	ND	H	ug/Kg	5.0	0.99	335742	03/19/24	03/21/24	MTS
Methoxychlor	ND	H	ug/Kg	9.9	0.99	335742	03/19/24	03/21/24	MTS
Toxaphene	ND	H	ug/Kg	99	0.99	335742	03/19/24	03/21/24	MTS
Chlordane (Technical)	**1,800**	H	ug/Kg	250	5	335742	03/19/24	03/22/24	MTS
Surrogates				**Limits**					
TCMX	106%	H	%REC	23-120	0.99	335742	03/19/24	03/21/24	MTS
Decachlorobiphenyl	67%	H	%REC	24-120	0.99	335742	03/19/24	03/21/24	MTS

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 503715

Sample ID: HA-24-010-2.5	Lab ID: 503715-003	Collected: 03/04/24 08:43
	Matrix: Soil	

503715-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	334976	03/09/24	03/11/24	MES
beta-BHC	ND		ug/Kg	5.0	1	334976	03/09/24	03/11/24	MES
gamma-BHC	ND		ug/Kg	5.0	1	334976	03/09/24	03/11/24	MES
delta-BHC	ND		ug/Kg	5.0	1	334976	03/09/24	03/11/24	MES
Heptachlor	ND		ug/Kg	5.0	1	334976	03/09/24	03/11/24	MES
Aldrin	ND		ug/Kg	5.0	1	334976	03/09/24	03/11/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	334976	03/09/24	03/11/24	MES
Endosulfan I	ND		ug/Kg	5.0	1	334976	03/09/24	03/11/24	MES
Dieldrin	ND		ug/Kg	5.0	1	334976	03/09/24	03/11/24	MES
4,4'-DDE	ND		ug/Kg	5.0	1	334976	03/09/24	03/11/24	MES
Endrin	ND		ug/Kg	5.0	1	334976	03/09/24	03/11/24	MES
Endosulfan II	ND		ug/Kg	5.0	1	334976	03/09/24	03/11/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	1	334976	03/09/24	03/11/24	MES
4,4'-DDD	ND		ug/Kg	5.0	1	334976	03/09/24	03/11/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	334976	03/09/24	03/11/24	MES
Endrin ketone	ND		ug/Kg	5.0	1	334976	03/09/24	03/11/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1	334976	03/09/24	03/11/24	MES
Methoxychlor	ND		ug/Kg	10	1	334976	03/09/24	03/11/24	MES
Toxaphene	ND		ug/Kg	100	1	334976	03/09/24	03/11/24	MES
Chlordane (Technical)	**250**		ug/Kg	50	1	334976	03/09/24	03/11/24	MES
Surrogates				**Limits**					
TCMX	89%		%REC	23-120	1	334976	03/09/24	03/11/24	MES
Decachlorobiphenyl	116%		%REC	24-120	1	334976	03/09/24	03/11/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 503715

Sample ID: HA-24-007-0.5	Lab ID: 503715-005	Collected: 03/04/24 09:23

503715-005 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3510C										
Chlordane (Technical)	**3.9**		ug/L	2.0	TCLP Leachate	1	337020	04/04/24	04/05/24	MES
Surrogates				**Limits**						
TCMX	82%		%REC	14-120	TCLP Leachate	1	337020	04/04/24	04/05/24	MES
Decachlorobiphenyl	140%	*	%REC	20-120	TCLP Leachate	1	337020	04/04/24	04/05/24	MES
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.0	Soil	1	334976	03/09/24	03/11/24	MES
beta-BHC	ND		ug/Kg	5.0	Soil	1	334976	03/09/24	03/11/24	MES
gamma-BHC	ND		ug/Kg	5.0	Soil	1	334976	03/09/24	03/11/24	MES
delta-BHC	ND		ug/Kg	5.0	Soil	1	334976	03/09/24	03/11/24	MES
Heptachlor	ND		ug/Kg	5.0	Soil	1	334976	03/09/24	03/11/24	MES
Aldrin	ND		ug/Kg	5.0	Soil	1	334976	03/09/24	03/11/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	Soil	1	334976	03/09/24	03/11/24	MES
Endosulfan I	ND		ug/Kg	5.0	Soil	1	334976	03/09/24	03/11/24	MES
Dieldrin	ND		ug/Kg	5.0	Soil	1	334976	03/09/24	03/11/24	MES
4,4'-DDE	ND		ug/Kg	5.0	Soil	1	334976	03/09/24	03/11/24	MES
Endrin	ND		ug/Kg	5.0	Soil	1	334976	03/09/24	03/11/24	MES
Endosulfan II	ND		ug/Kg	5.0	Soil	1	334976	03/09/24	03/11/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	Soil	1	334976	03/09/24	03/11/24	MES
4,4'-DDD	ND		ug/Kg	5.0	Soil	1	334976	03/09/24	03/11/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	Soil	1	334976	03/09/24	03/11/24	MES
Endrin ketone	ND		ug/Kg	5.0	Soil	1	334976	03/09/24	03/11/24	MES
4,4'-DDT	ND		ug/Kg	5.0	Soil	1	334976	03/09/24	03/11/24	MES
Methoxychlor	ND		ug/Kg	10	Soil	1	334976	03/09/24	03/11/24	MES
Toxaphene	ND		ug/Kg	100	Soil	1	334976	03/09/24	03/11/24	MES
Chlordane (Technical)	**9,500**		ug/Kg	1,000	Soil	20	334976	03/09/24	03/12/24	MES
Surrogates				**Limits**						
TCMX	84%		%REC	23-120	Soil	1	334976	03/09/24	03/11/24	MES
Decachlorobiphenyl	102%		%REC	24-120	Soil	1	334976	03/09/24	03/11/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 503715

Sample ID: HA-24-007-1.5	Lab ID: 503715-006	Collected: 03/04/24 09:37
	Matrix: Soil	

503715-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND	H	ug/Kg	5.0	1	335742	03/19/24	03/21/24	MTS
beta-BHC	ND	H	ug/Kg	5.0	1	335742	03/19/24	03/21/24	MTS
gamma-BHC	ND	H	ug/Kg	5.0	1	335742	03/19/24	03/21/24	MTS
delta-BHC	ND	H	ug/Kg	5.0	1	335742	03/19/24	03/21/24	MTS
Heptachlor	ND	H	ug/Kg	5.0	1	335742	03/19/24	03/21/24	MTS
Aldrin	ND	H	ug/Kg	5.0	1	335742	03/19/24	03/21/24	MTS
Heptachlor epoxide	ND	H	ug/Kg	5.0	1	335742	03/19/24	03/21/24	MTS
Endosulfan I	ND	H	ug/Kg	5.0	1	335742	03/19/24	03/21/24	MTS
Dieldrin	ND	H	ug/Kg	5.0	1	335742	03/19/24	03/21/24	MTS
4,4'-DDE	ND	H	ug/Kg	5.0	1	335742	03/19/24	03/21/24	MTS
Endrin	ND	H	ug/Kg	5.0	1	335742	03/19/24	03/21/24	MTS
Endosulfan II	ND	H	ug/Kg	5.0	1	335742	03/19/24	03/21/24	MTS
Endosulfan sulfate	ND	H	ug/Kg	5.0	1	335742	03/19/24	03/21/24	MTS
4,4'-DDD	ND	H	ug/Kg	5.0	1	335742	03/19/24	03/21/24	MTS
Endrin aldehyde	ND	H	ug/Kg	5.0	1	335742	03/19/24	03/21/24	MTS
Endrin ketone	ND	H	ug/Kg	5.0	1	335742	03/19/24	03/21/24	MTS
4,4'-DDT	ND	H	ug/Kg	5.0	1	335742	03/19/24	03/21/24	MTS
Methoxychlor	ND	H	ug/Kg	10	1	335742	03/19/24	03/21/24	MTS
Toxaphene	ND	H	ug/Kg	100	1	335742	03/19/24	03/21/24	MTS
Chlordane (Technical)	**530**	H	ug/Kg	50	1	335742	03/19/24	03/21/24	MTS
Surrogates				**Limits**					
TCMX	106%	H	%REC	23-120	1	335742	03/19/24	03/21/24	MTS
Decachlorobiphenyl	74%	H	%REC	24-120	1	335742	03/19/24	03/21/24	MTS

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 503715

Sample ID: HA-24-007-2.5	Lab ID: 503715-007	Collected: 03/04/24 09:52
	Matrix: Soil	

503715-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	334976	03/09/24	03/11/24	MES
beta-BHC	ND		ug/Kg	5.1	1	334976	03/09/24	03/11/24	MES
gamma-BHC	ND		ug/Kg	5.1	1	334976	03/09/24	03/11/24	MES
delta-BHC	ND		ug/Kg	5.1	1	334976	03/09/24	03/11/24	MES
Heptachlor	ND		ug/Kg	5.1	1	334976	03/09/24	03/11/24	MES
Aldrin	ND		ug/Kg	5.1	1	334976	03/09/24	03/11/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1	334976	03/09/24	03/11/24	MES
Endosulfan I	ND		ug/Kg	5.1	1	334976	03/09/24	03/11/24	MES
Dieldrin	ND		ug/Kg	5.1	1	334976	03/09/24	03/11/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1	334976	03/09/24	03/11/24	MES
Endrin	ND		ug/Kg	5.1	1	334976	03/09/24	03/11/24	MES
Endosulfan II	ND		ug/Kg	5.1	1	334976	03/09/24	03/11/24	MES
Endosulfan sulfate	ND		ug/Kg	5.1	1	334976	03/09/24	03/11/24	MES
4,4'-DDD	ND		ug/Kg	5.1	1	334976	03/09/24	03/11/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	1	334976	03/09/24	03/11/24	MES
Endrin ketone	ND		ug/Kg	5.1	1	334976	03/09/24	03/11/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1	334976	03/09/24	03/11/24	MES
Methoxychlor	ND		ug/Kg	10	1	334976	03/09/24	03/11/24	MES
Toxaphene	ND		ug/Kg	100	1	334976	03/09/24	03/11/24	MES
Chlordane (Technical)	**62**		ug/Kg	51	1	334976	03/09/24	03/11/24	MES
Surrogates				**Limits**					
TCMX	90%		%REC	23-120	1	334976	03/09/24	03/11/24	MES
Decachlorobiphenyl	110%		%REC	24-120	1	334976	03/09/24	03/11/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 503715

Sample ID: HA-24-003-0.5	Lab ID: 503715-009	Collected: 03/04/24 10:23

503715-009 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3510C										
Chlordane (Technical)	ND		ug/L	2.0	TCLP Leachate	1	337215	04/08/24	04/09/24	MES
Surrogates				**Limits**						
TCMX	83%		%REC	14-120	TCLP Leachate	1	337215	04/08/24	04/09/24	MES
Decachlorobiphenyl	154%	*	%REC	20-120	TCLP Leachate	1	337215	04/08/24	04/09/24	MES
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
beta-BHC	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
gamma-BHC	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
delta-BHC	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
Heptachlor	**5.1**		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
Aldrin	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
Endosulfan I	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
Dieldrin	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
4,4'-DDE	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
Endrin	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
Endosulfan II	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
Endosulfan sulfate	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
4,4'-DDD	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
Endrin ketone	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
4,4'-DDT	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
Methoxychlor	ND		ug/Kg	10	Soil	1	334976	03/09/24	03/11/24	MES
Toxaphene	ND		ug/Kg	100	Soil	1	334976	03/09/24	03/11/24	MES
Chlordane (Technical)	**2,800**		ug/Kg	250	Soil	5.1	334976	03/09/24	03/12/24	MES
Surrogates				**Limits**						
TCMX	103%		%REC	23-120	Soil	5.1	334976	03/09/24	03/12/24	MES
Decachlorobiphenyl	109%		%REC	24-120	Soil	5.1	334976	03/09/24	03/12/24	MES

Results for any subcontracted analyses are not included in this section.

Analysis Results for 503715

Sample ID: HA-24-003-2.5	Lab ID: 503715-011	Collected: 03/04/24 10:57
	Matrix: Soil	

503715-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	10	2	334976	03/09/24	03/11/24	MES
beta-BHC	ND		ug/Kg	10	2	334976	03/09/24	03/11/24	MES
gamma-BHC	ND		ug/Kg	10	2	334976	03/09/24	03/11/24	MES
delta-BHC	ND		ug/Kg	10	2	334976	03/09/24	03/11/24	MES
Heptachlor	ND		ug/Kg	10	2	334976	03/09/24	03/11/24	MES
Aldrin	ND		ug/Kg	10	2	334976	03/09/24	03/11/24	MES
Heptachlor epoxide	ND		ug/Kg	10	2	334976	03/09/24	03/11/24	MES
Endosulfan I	ND		ug/Kg	10	2	334976	03/09/24	03/11/24	MES
Dieldrin	ND		ug/Kg	10	2	334976	03/09/24	03/11/24	MES
4,4'-DDE	ND		ug/Kg	10	2	334976	03/09/24	03/11/24	MES
Endrin	ND		ug/Kg	10	2	334976	03/09/24	03/11/24	MES
Endosulfan II	ND		ug/Kg	10	2	334976	03/09/24	03/11/24	MES
Endosulfan sulfate	ND		ug/Kg	10	2	334976	03/09/24	03/11/24	MES
4,4'-DDD	ND		ug/Kg	10	2	334976	03/09/24	03/11/24	MES
Endrin aldehyde	ND		ug/Kg	10	2	334976	03/09/24	03/11/24	MES
Endrin ketone	ND		ug/Kg	10	2	334976	03/09/24	03/11/24	MES
4,4'-DDT	ND		ug/Kg	10	2	334976	03/09/24	03/11/24	MES
Methoxychlor	ND		ug/Kg	20	2	334976	03/09/24	03/11/24	MES
Toxaphene	ND		ug/Kg	200	2	334976	03/09/24	03/11/24	MES
Chlordane (Technical)	**470**		ug/Kg	100	2	334976	03/09/24	03/11/24	MES
Surrogates				**Limits**					
TCMX	99%		%REC	23-120	2	334976	03/09/24	03/11/24	MES
Decachlorobiphenyl	104%		%REC	24-120	2	334976	03/09/24	03/11/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 503715

Sample ID: HA-24-003-3.5	Lab ID: 503715-012	Collected: 03/04/24 11:12
	Matrix: Soil	

503715-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
beta-BHC	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
gamma-BHC	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
delta-BHC	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Heptachlor	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Aldrin	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Heptachlor epoxide	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Endosulfan I	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Dieldrin	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
4,4'-DDE	**5.2**	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Endrin	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Endosulfan II	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Endosulfan sulfate	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
4,4'-DDD	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Endrin aldehyde	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Endrin ketone	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
4,4'-DDT	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Methoxychlor	ND	H	ug/Kg	10	1	335742	03/19/24	03/21/24	MTS
Toxaphene	ND	H	ug/Kg	100	1	335742	03/19/24	03/21/24	MTS
Chlordane (Technical)	**450**	H	ug/Kg	51	1	335742	03/19/24	03/21/24	MTS
Surrogates				**Limits**					
TCMX	112%	H	%REC	23-120	1	335742	03/19/24	03/21/24	MTS
Decachlorobiphenyl	72%	H	%REC	24-120	1	335742	03/19/24	03/21/24	MTS

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 503715

Sample ID: HA-24-001-1.5	Lab ID: 503715-014	Collected: 03/04/24 11:46

503715-014 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	2.9	Soil	0.96	334768	03/06/24	03/07/24	SBW
Arsenic	**10**		mg/Kg	0.96	Soil	0.96	334768	03/06/24	03/07/24	SBW
Barium	**84**		mg/Kg	0.96	Soil	0.96	334768	03/06/24	03/07/24	SBW
Beryllium	ND		mg/Kg	0.48	Soil	0.96	334768	03/06/24	03/07/24	SBW
Cadmium	ND		mg/Kg	0.48	Soil	0.96	334768	03/06/24	03/07/24	SBW
Chromium	**16**		mg/Kg	0.96	Soil	0.96	334768	03/06/24	03/07/24	SBW
Cobalt	**6.0**		mg/Kg	0.48	Soil	0.96	334768	03/06/24	03/07/24	SBW
Copper	**11**		mg/Kg	0.96	Soil	0.96	334768	03/06/24	03/07/24	SBW
Lead	**12**		mg/Kg	0.96	Soil	0.96	334768	03/06/24	03/07/24	SBW
Molybdenum	ND		mg/Kg	1.1	Soil	0.96	334768	03/06/24	03/07/24	SBW
Nickel	**7.8**		mg/Kg	0.96	Soil	0.96	334768	03/06/24	03/07/24	SBW
Selenium	ND		mg/Kg	2.9	Soil	0.96	334768	03/06/24	03/07/24	SBW
Silver	ND		mg/Kg	0.48	Soil	0.96	334768	03/06/24	03/07/24	SBW
Thallium	ND		mg/Kg	2.9	Soil	0.96	334768	03/06/24	03/07/24	SBW
Vanadium	**36**		mg/Kg	0.96	Soil	0.96	334768	03/06/24	03/07/24	SBW
Zinc	**51**		mg/Kg	4.8	Soil	0.96	334768	03/06/24	03/07/24	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	ND		mg/Kg	0.15	Soil	1.1	334789	03/07/24	03/07/24	KAM
Method: EPA 8081A Prep Method: EPA 3510C										
Chlordane (Technical)	ND		ug/L	2.0	WET Leachate	2	337215	04/08/24	04/09/24	MES
Surrogates				**Limits**						
TCMX	60%		%REC	14-120	WET Leachate	2	337215	04/08/24	04/09/24	MES
Decachlorobiphenyl	95%		%REC	20-120	WET Leachate	2	337215	04/08/24	04/09/24	MES
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
beta-BHC	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
gamma-BHC	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
delta-BHC	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
Heptachlor	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
Aldrin	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
Endosulfan I	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
Dieldrin	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
4,4'-DDE	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
Endrin	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
Endosulfan II	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
Endosulfan sulfate	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
4,4'-DDD	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
Endrin ketone	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
4,4'-DDT	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
Methoxychlor	ND		ug/Kg	10	Soil	1	334976	03/09/24	03/11/24	MES
Toxaphene	ND		ug/Kg	100	Soil	1	334976	03/09/24	03/11/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 503715

503715-014 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Chlordane (Technical)	**1,200**		ug/Kg	260	Soil	5.1	334976	03/09/24	03/12/24	MES
Surrogates				**Limits**						
TCMX	63%		%REC	23-120	Soil	1	334976	03/09/24	03/11/24	MES
Decachlorobiphenyl	79%		%REC	24-120	Soil	1	334976	03/09/24	03/11/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 503715

Sample ID: HA-24-001-3	Lab ID: 503715-015	Collected: 03/04/24 12:02

503715-015 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	3.0	Soil	0.99	334768	03/06/24	03/07/24	SBW
Arsenic	**7.0**		mg/Kg	0.99	Soil	0.99	334768	03/06/24	03/07/24	SBW
Barium	**87**		mg/Kg	0.99	Soil	0.99	334768	03/06/24	03/07/24	SBW
Beryllium	ND		mg/Kg	0.50	Soil	0.99	334768	03/06/24	03/07/24	SBW
Cadmium	ND		mg/Kg	0.50	Soil	0.99	334768	03/06/24	03/07/24	SBW
Chromium	**12**		mg/Kg	0.99	Soil	0.99	334768	03/06/24	03/07/24	SBW
Cobalt	**5.4**		mg/Kg	0.50	Soil	0.99	334768	03/06/24	03/07/24	SBW
Copper	**9.1**		mg/Kg	0.99	Soil	0.99	334768	03/06/24	03/07/24	SBW
Lead	**11**		mg/Kg	0.99	Soil	0.99	334768	03/06/24	03/07/24	SBW
Molybdenum	ND		mg/Kg	1.1	Soil	0.99	334768	03/06/24	03/07/24	SBW
Nickel	**5.8**		mg/Kg	0.99	Soil	0.99	334768	03/06/24	03/07/24	SBW
Selenium	ND		mg/Kg	3.0	Soil	0.99	334768	03/06/24	03/07/24	SBW
Silver	ND		mg/Kg	0.50	Soil	0.99	334768	03/06/24	03/07/24	SBW
Thallium	ND		mg/Kg	3.0	Soil	0.99	334768	03/06/24	03/07/24	SBW
Vanadium	**29**		mg/Kg	0.99	Soil	0.99	334768	03/06/24	03/07/24	SBW
Zinc	**37**		mg/Kg	5.0	Soil	0.99	334768	03/06/24	03/07/24	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	ND		mg/Kg	0.16	Soil	1.2	334789	03/07/24	03/07/24	KAM
Method: EPA 8081A Prep Method: EPA 3510C										
Chlordane (Technical)	ND		ug/L	2.0	WET Leachate	2	337215	04/08/24	04/09/24	MES
Surrogates				**Limits**						
TCMX	93%		%REC	14-120	WET Leachate	2	337215	04/08/24	04/09/24	MES
Decachlorobiphenyl	167%	*	%REC	20-120	WET Leachate	2	337215	04/08/24	04/09/24	MES
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.0	Soil	1	334976	03/09/24	03/11/24	MES
beta-BHC	ND		ug/Kg	5.0	Soil	1	334976	03/09/24	03/11/24	MES
gamma-BHC	ND		ug/Kg	5.0	Soil	1	334976	03/09/24	03/11/24	MES
delta-BHC	ND		ug/Kg	5.0	Soil	1	334976	03/09/24	03/11/24	MES
Heptachlor	ND		ug/Kg	5.0	Soil	1	334976	03/09/24	03/11/24	MES
Aldrin	ND		ug/Kg	5.0	Soil	1	334976	03/09/24	03/11/24	MES
Heptachlor epoxide	**6.0**	C	ug/Kg	5.0	Soil	1	334976	03/09/24	03/11/24	MES
Endosulfan I	ND		ug/Kg	5.0	Soil	1	334976	03/09/24	03/11/24	MES
Dieldrin	ND		ug/Kg	5.0	Soil	1	334976	03/09/24	03/11/24	MES
4,4'-DDE	ND		ug/Kg	5.0	Soil	1	334976	03/09/24	03/11/24	MES
Endrin	ND		ug/Kg	5.0	Soil	1	334976	03/09/24	03/11/24	MES
Endosulfan II	ND		ug/Kg	5.0	Soil	1	334976	03/09/24	03/11/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	Soil	1	334976	03/09/24	03/11/24	MES
4,4'-DDD	ND		ug/Kg	5.0	Soil	1	334976	03/09/24	03/11/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	Soil	1	334976	03/09/24	03/11/24	MES
Endrin ketone	ND		ug/Kg	5.0	Soil	1	334976	03/09/24	03/11/24	MES
4,4'-DDT	ND		ug/Kg	5.0	Soil	1	334976	03/09/24	03/11/24	MES
Methoxychlor	ND		ug/Kg	10	Soil	1	334976	03/09/24	03/11/24	MES
Toxaphene	ND		ug/Kg	100	Soil	1	334976	03/09/24	03/11/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 503715

503715-015 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Chlordane (Technical)	**650**		ug/Kg	50	Soil	1	334976	03/09/24	03/11/24	MES
Surrogates				**Limits**						
TCMX	84%		%REC	23-120	Soil	1	334976	03/09/24	03/11/24	MES
Decachlorobiphenyl	109%		%REC	24-120	Soil	1	334976	03/09/24	03/11/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 503715

Sample ID: HA-24-001-4	Lab ID: 503715-016	Collected: 03/04/24 12:19

503715-016 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	2.9	Soil	0.97	334768	03/06/24	03/07/24	SBW
Arsenic	**12**		mg/Kg	0.97	Soil	0.97	334768	03/06/24	03/07/24	SBW
Barium	**76**		mg/Kg	0.97	Soil	0.97	334768	03/06/24	03/07/24	SBW
Beryllium	ND		mg/Kg	0.49	Soil	0.97	334768	03/06/24	03/07/24	SBW
Cadmium	ND		mg/Kg	0.49	Soil	0.97	334768	03/06/24	03/07/24	SBW
Chromium	**13**		mg/Kg	0.97	Soil	0.97	334768	03/06/24	03/07/24	SBW
Cobalt	**5.6**		mg/Kg	0.49	Soil	0.97	334768	03/06/24	03/07/24	SBW
Copper	**8.9**		mg/Kg	0.97	Soil	0.97	334768	03/06/24	03/07/24	SBW
Lead	**8.9**		mg/Kg	0.97	Soil	0.97	334768	03/06/24	03/07/24	SBW
Molybdenum	ND		mg/Kg	1.1	Soil	0.97	334768	03/06/24	03/07/24	SBW
Nickel	**5.9**		mg/Kg	0.97	Soil	0.97	334768	03/06/24	03/07/24	SBW
Selenium	ND		mg/Kg	2.9	Soil	0.97	334768	03/06/24	03/07/24	SBW
Silver	ND		mg/Kg	0.49	Soil	0.97	334768	03/06/24	03/07/24	SBW
Thallium	ND		mg/Kg	2.9	Soil	0.97	334768	03/06/24	03/07/24	SBW
Vanadium	**32**		mg/Kg	0.97	Soil	0.97	334768	03/06/24	03/07/24	SBW
Zinc	**33**		mg/Kg	4.9	Soil	0.97	334768	03/06/24	03/07/24	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	ND		mg/Kg	0.15	Soil	1.1	334789	03/07/24	03/07/24	KAM
Method: EPA 8081A Prep Method: EPA 3510C										
Chlordane (Technical)	ND		ug/L	2.0	WET Leachate	2	337215	04/08/24	04/09/24	MES
Surrogates				**Limits**						
TCMX	83%		%REC	14-120	WET Leachate	2	337215	04/08/24	04/09/24	MES
Decachlorobiphenyl	143%	*	%REC	20-120	WET Leachate	2	337215	04/08/24	04/09/24	MES
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
beta-BHC	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
gamma-BHC	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
delta-BHC	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
Heptachlor	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
Aldrin	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
Endosulfan I	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
Dieldrin	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
4,4'-DDE	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
Endrin	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
Endosulfan II	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
Endosulfan sulfate	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
4,4'-DDD	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
Endrin ketone	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
4,4'-DDT	ND		ug/Kg	5.1	Soil	1	334976	03/09/24	03/11/24	MES
Methoxychlor	ND		ug/Kg	10	Soil	1	334976	03/09/24	03/11/24	MES
Toxaphene	ND		ug/Kg	100	Soil	1	334976	03/09/24	03/11/24	MES

Results for any subcontracted analyses are not included in this section.

Analysis Results for 503715

503715-016 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Chlordane (Technical)	**1,500**		ug/Kg	250	Soil	5.1	334976	03/09/24	03/12/24	MES
Surrogates				**Limits**						
TCMX	85%		%REC	23-120	Soil	1	334976	03/09/24	03/11/24	MES
Decachlorobiphenyl	86%		%REC	24-120	Soil	1	334976	03/09/24	03/11/24	MES

Sample ID: HA-24-002-0.5 **Lab ID: 503715-017** **Collected: 03/04/24 12:40**

503715-017 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3510C										
Chlordane (Technical)	ND		ug/L	2.0	TCLP Leachate	1	337020	04/04/24	04/05/24	MES
Surrogates				**Limits**						
TCMX	94%		%REC	14-120	TCLP Leachate	1	337020	04/04/24	04/05/24	MES
Decachlorobiphenyl	159%	*	%REC	20-120	TCLP Leachate	1	337020	04/04/24	04/05/24	MES
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.0	Soil	1	335083	03/11/24	03/12/24	MES
beta-BHC	ND		ug/Kg	5.0	Soil	1	335083	03/11/24	03/12/24	MES
gamma-BHC	ND		ug/Kg	5.0	Soil	1	335083	03/11/24	03/12/24	MES
delta-BHC	ND		ug/Kg	5.0	Soil	1	335083	03/11/24	03/12/24	MES
Heptachlor	ND		ug/Kg	5.0	Soil	1	335083	03/11/24	03/12/24	MES
Aldrin	ND		ug/Kg	5.0	Soil	1	335083	03/11/24	03/12/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	Soil	1	335083	03/11/24	03/12/24	MES
Endosulfan I	ND		ug/Kg	5.0	Soil	1	335083	03/11/24	03/12/24	MES
Dieldrin	ND		ug/Kg	5.0	Soil	1	335083	03/11/24	03/12/24	MES
4,4'-DDE	ND		ug/Kg	5.0	Soil	1	335083	03/11/24	03/12/24	MES
Endrin	ND		ug/Kg	5.0	Soil	1	335083	03/11/24	03/12/24	MES
Endosulfan II	ND		ug/Kg	5.0	Soil	1	335083	03/11/24	03/12/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	Soil	1	335083	03/11/24	03/12/24	MES
4,4'-DDD	ND		ug/Kg	5.0	Soil	1	335083	03/11/24	03/12/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	Soil	1	335083	03/11/24	03/12/24	MES
Endrin ketone	ND		ug/Kg	5.0	Soil	1	335083	03/11/24	03/12/24	MES
4,4'-DDT	ND		ug/Kg	5.0	Soil	1	335083	03/11/24	03/12/24	MES
Methoxychlor	ND		ug/Kg	10	Soil	1	335083	03/11/24	03/12/24	MES
Toxaphene	ND		ug/Kg	100	Soil	1	335083	03/11/24	03/12/24	MES
Chlordane (Technical)	**3,800**		ug/Kg	500	Soil	10	335083	03/11/24	03/12/24	MES
Surrogates				**Limits**						
TCMX	95%		%REC	23-120	Soil	1	335083	03/11/24	03/12/24	MES
Decachlorobiphenyl	83%		%REC	24-120	Soil	1	335083	03/11/24	03/12/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 503715

Sample ID: HA-24-002-2.5	Lab ID: 503715-019	Collected: 03/04/24 13:07
	Matrix: Soil	

503715-019 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
beta-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
gamma-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
delta-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Heptachlor	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Aldrin	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endosulfan I	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Dieldrin	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endrin	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endosulfan II	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endosulfan sulfate	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
4,4'-DDD	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endrin ketone	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Methoxychlor	ND		ug/Kg	10	1	335083	03/11/24	03/12/24	MES
Toxaphene	ND		ug/Kg	100	1	335083	03/11/24	03/12/24	MES
Chlordane (Technical)	**1,000**		ug/Kg	250	5.1	335083	03/11/24	03/12/24	MES
Surrogates				**Limits**					
TCMX	103%		%REC	23-120	1	335083	03/11/24	03/12/24	MES
Decachlorobiphenyl	103%		%REC	24-120	1	335083	03/11/24	03/12/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 503715

Sample ID: HA-24-002-4	Lab ID: 503715-020	Collected: 03/04/24 13:24
	Matrix: Soil	

503715-020 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
beta-BHC	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
gamma-BHC	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
delta-BHC	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Heptachlor	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Aldrin	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Heptachlor epoxide	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Endosulfan I	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Dieldrin	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
4,4'-DDE	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Endrin	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Endosulfan II	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Endosulfan sulfate	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
4,4'-DDD	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Endrin aldehyde	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Endrin ketone	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
4,4'-DDT	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Methoxychlor	ND	H	ug/Kg	10	1	335742	03/19/24	03/21/24	MTS
Toxaphene	ND	H	ug/Kg	100	1	335742	03/19/24	03/21/24	MTS
Chlordane (Technical)	**1,600**	H	ug/Kg	250	5.1	335742	03/19/24	03/22/24	MTS
Surrogates				**Limits**					
TCMX	102%	H	%REC	23-120	1	335742	03/19/24	03/21/24	MTS
Decachlorobiphenyl	63%	H	%REC	24-120	1	335742	03/19/24	03/21/24	MTS

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 503715

Sample ID: HA-24-006-0.5	Lab ID: 503715-021	Collected: 03/04/24 13:51

503715-021 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3510C										
Chlordane (Technical)	ND		ug/L	2.0	TCLP Leachate	1	337020	04/04/24	04/05/24	MES
Surrogates				**Limits**						
TCMX	76%		%REC	14-120	TCLP Leachate	1	337020	04/04/24	04/05/24	MES
Decachlorobiphenyl	138%	*	%REC	20-120	TCLP Leachate	1	337020	04/04/24	04/05/24	MES
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.0	Soil	0.99	335083	03/11/24	03/12/24	MES
beta-BHC	ND		ug/Kg	5.0	Soil	0.99	335083	03/11/24	03/12/24	MES
gamma-BHC	ND		ug/Kg	5.0	Soil	0.99	335083	03/11/24	03/12/24	MES
delta-BHC	ND		ug/Kg	5.0	Soil	0.99	335083	03/11/24	03/12/24	MES
Heptachlor	ND		ug/Kg	5.0	Soil	0.99	335083	03/11/24	03/12/24	MES
Aldrin	ND		ug/Kg	5.0	Soil	0.99	335083	03/11/24	03/12/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	Soil	0.99	335083	03/11/24	03/12/24	MES
Endosulfan I	ND		ug/Kg	5.0	Soil	0.99	335083	03/11/24	03/12/24	MES
Dieldrin	ND		ug/Kg	5.0	Soil	0.99	335083	03/11/24	03/12/24	MES
4,4'-DDE	ND		ug/Kg	5.0	Soil	0.99	335083	03/11/24	03/12/24	MES
Endrin	ND		ug/Kg	5.0	Soil	0.99	335083	03/11/24	03/12/24	MES
Endosulfan II	ND		ug/Kg	5.0	Soil	0.99	335083	03/11/24	03/12/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	Soil	0.99	335083	03/11/24	03/12/24	MES
4,4'-DDD	ND		ug/Kg	5.0	Soil	0.99	335083	03/11/24	03/12/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	Soil	0.99	335083	03/11/24	03/12/24	MES
Endrin ketone	ND		ug/Kg	5.0	Soil	0.99	335083	03/11/24	03/12/24	MES
4,4'-DDT	ND		ug/Kg	5.0	Soil	0.99	335083	03/11/24	03/12/24	MES
Methoxychlor	ND		ug/Kg	9.9	Soil	0.99	335083	03/11/24	03/12/24	MES
Toxaphene	ND		ug/Kg	99	Soil	0.99	335083	03/11/24	03/12/24	MES
Chlordane (Technical)	**5,400**		ug/Kg	500	Soil	9.9	335083	03/11/24	03/12/24	MES
Surrogates				**Limits**						
TCMX	107%		%REC	23-120	Soil	0.99	335083	03/11/24	03/12/24	MES
Decachlorobiphenyl	88%		%REC	24-120	Soil	0.99	335083	03/11/24	03/12/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 503715

Sample ID: HA-24-006-1.5	Lab ID: 503715-022	Collected: 03/04/24 14:09
	Matrix: Soil	

503715-022 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
beta-BHC	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
gamma-BHC	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
delta-BHC	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Heptachlor	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Aldrin	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Heptachlor epoxide	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Endosulfan I	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Dieldrin	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
4,4'-DDE	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Endrin	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Endosulfan II	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Endosulfan sulfate	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
4,4'-DDD	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Endrin aldehyde	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Endrin ketone	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
4,4'-DDT	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Methoxychlor	ND	H	ug/Kg	10	1	335742	03/19/24	03/21/24	MTS
Toxaphene	ND	H	ug/Kg	100	1	335742	03/19/24	03/21/24	MTS
Chlordane (Technical)	**470**	H	ug/Kg	51	1	335742	03/19/24	03/21/24	MTS
Surrogates				**Limits**					
TCMX	101%	H	%REC	23-120	1	335742	03/19/24	03/21/24	MTS
Decachlorobiphenyl	68%	H	%REC	24-120	1	335742	03/19/24	03/21/24	MTS

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 503715

Sample ID: HA-24-006-2.5	Lab ID: 503715-023	Collected: 03/04/24 14:22
	Matrix: Soil	

503715-023 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
beta-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
gamma-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
delta-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Heptachlor	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Aldrin	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endosulfan I	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Dieldrin	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endrin	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endosulfan II	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endosulfan sulfate	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
4,4'-DDD	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endrin ketone	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Methoxychlor	ND		ug/Kg	10	1	335083	03/11/24	03/12/24	MES
Toxaphene	ND		ug/Kg	100	1	335083	03/11/24	03/12/24	MES
Chlordane (Technical)	**170**		ug/Kg	51	1	335083	03/11/24	03/12/24	MES
Surrogates				**Limits**					
TCMX	106%		%REC	23-120	1	335083	03/11/24	03/12/24	MES
Decachlorobiphenyl	96%		%REC	24-120	1	335083	03/11/24	03/12/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 503715

Sample ID: HA-24-005-0.5	Lab ID: 503715-025	Collected: 03/04/24 14:55

503715-025 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3510C										
Chlordane (Technical)	ND		ug/L	2.0	WET Leachate	2	337215	04/08/24	04/09/24	MES
Surrogates				**Limits**						
TCMX	82%		%REC	14-120	WET Leachate	2	337215	04/08/24	04/09/24	MES
Decachlorobiphenyl	153%	*	%REC	20-120	WET Leachate	2	337215	04/08/24	04/09/24	MES
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
beta-BHC	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
gamma-BHC	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
delta-BHC	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
Heptachlor	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
Aldrin	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
Endosulfan I	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
Dieldrin	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
4,4'-DDE	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
Endrin	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
Endosulfan II	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
Endosulfan sulfate	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
4,4'-DDD	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
Endrin ketone	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
4,4'-DDT	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
Methoxychlor	ND		ug/Kg	10	Soil	1	335083	03/11/24	03/12/24	MES
Toxaphene	ND		ug/Kg	100	Soil	1	335083	03/11/24	03/12/24	MES
Chlordane (Technical)	**1,700**		ug/Kg	250	Soil	5.1	335083	03/11/24	03/12/24	MES
Surrogates				**Limits**						
TCMX	96%		%REC	23-120	Soil	1	335083	03/11/24	03/12/24	MES
Decachlorobiphenyl	87%		%REC	24-120	Soil	1	335083	03/11/24	03/12/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 503715

Sample ID: HA-24-005-2.5	Lab ID: 503715-027	Collected: 03/04/24 15:21
	Matrix: Soil	

503715-027 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
beta-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
gamma-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
delta-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Heptachlor	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Aldrin	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endosulfan I	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Dieldrin	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endrin	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endosulfan II	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endosulfan sulfate	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
4,4'-DDD	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endrin ketone	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Methoxychlor	ND		ug/Kg	10	1	335083	03/11/24	03/12/24	MES
Toxaphene	ND		ug/Kg	100	1	335083	03/11/24	03/12/24	MES
Chlordane (Technical)	**1,200**		ug/Kg	260	5.1	335083	03/11/24	03/12/24	MES
Surrogates				**Limits**					
TCMX	107%		%REC	23-120	1	335083	03/11/24	03/12/24	MES
Decachlorobiphenyl	97%		%REC	24-120	1	335083	03/11/24	03/12/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 503715

Sample ID: HA-24-005-4	Lab ID: 503715-028	Collected: 03/04/24 15:35
	Matrix: Soil	

503715-028 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
beta-BHC	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
gamma-BHC	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
delta-BHC	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Heptachlor	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Aldrin	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Heptachlor epoxide	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Endosulfan I	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Dieldrin	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
4,4'-DDE	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Endrin	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Endosulfan II	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Endosulfan sulfate	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
4,4'-DDD	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Endrin aldehyde	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Endrin ketone	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
4,4'-DDT	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Methoxychlor	ND	H	ug/Kg	10	1	335742	03/19/24	03/21/24	MTS
Toxaphene	ND	H	ug/Kg	100	1	335742	03/19/24	03/21/24	MTS
Chlordane (Technical)	ND	H	ug/Kg	51	1	335742	03/19/24	03/21/24	MTS
Surrogates				**Limits**					
TCMX	110%	H	%REC	23-120	1	335742	03/19/24	03/21/24	MTS
Decachlorobiphenyl	73%	H	%REC	24-120	1	335742	03/19/24	03/21/24	MTS

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 503715

Sample ID: HA-24-004-0.5	Lab ID: 503715-029	Collected: 03/04/24 15:52

503715-029 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3510C										
Chlordane (Technical)	ND		ug/L	2.0	WET Leachate	2	337215	04/08/24	04/09/24	MES
Surrogates				**Limits**						
TCMX	57%		%REC	14-120	WET Leachate	2	337215	04/08/24	04/09/24	MES
Decachlorobiphenyl	108%		%REC	20-120	WET Leachate	2	337215	04/08/24	04/09/24	MES
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
beta-BHC	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
gamma-BHC	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
delta-BHC	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
Heptachlor	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
Aldrin	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
Endosulfan I	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
Dieldrin	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
4,4'-DDE	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
Endrin	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
Endosulfan II	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
Endosulfan sulfate	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
4,4'-DDD	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
Endrin ketone	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
4,4'-DDT	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
Methoxychlor	ND		ug/Kg	10	Soil	1	335083	03/11/24	03/12/24	MES
Toxaphene	ND		ug/Kg	100	Soil	1	335083	03/11/24	03/12/24	MES
Chlordane (Technical)	**2,400**		ug/Kg	260	Soil	5.1	335083	03/11/24	03/12/24	MES
Surrogates				**Limits**						
TCMX	108%		%REC	23-120	Soil	1	335083	03/11/24	03/12/24	MES
Decachlorobiphenyl	92%		%REC	24-120	Soil	1	335083	03/11/24	03/12/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 503715

Sample ID: HA-24-004-2.5	Lab ID: 503715-031	Collected: 03/04/24 16:23
	Matrix: Soil	

503715-031 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
beta-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
gamma-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
delta-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Heptachlor	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Aldrin	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endosulfan I	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Dieldrin	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endrin	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endosulfan II	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endosulfan sulfate	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
4,4'-DDD	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endrin ketone	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Methoxychlor	ND		ug/Kg	10	1	335083	03/11/24	03/12/24	MES
Toxaphene	ND		ug/Kg	100	1	335083	03/11/24	03/12/24	MES
Chlordane (Technical)	**1,300**		ug/Kg	260	5.1	335083	03/11/24	03/12/24	MES
Surrogates				**Limits**					
TCMX	101%		%REC	23-120	1	335083	03/11/24	03/12/24	MES
Decachlorobiphenyl	86%		%REC	24-120	1	335083	03/11/24	03/12/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 503715

Sample ID: HA-24-004-4	Lab ID: 503715-032	Collected: 03/04/24 16:40
	Matrix: Soil	

503715-032 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
beta-BHC	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
gamma-BHC	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
delta-BHC	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Heptachlor	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Aldrin	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Heptachlor epoxide	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Endosulfan I	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Dieldrin	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
4,4'-DDE	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Endrin	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Endosulfan II	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Endosulfan sulfate	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
4,4'-DDD	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Endrin aldehyde	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Endrin ketone	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
4,4'-DDT	ND	H	ug/Kg	5.1	1	335742	03/19/24	03/21/24	MTS
Methoxychlor	ND	H	ug/Kg	10	1	335742	03/19/24	03/21/24	MTS
Toxaphene	ND	H	ug/Kg	100	1	335742	03/19/24	03/21/24	MTS
Chlordane (Technical)	**450**	H	ug/Kg	51	1	335742	03/19/24	03/21/24	MTS
Surrogates				**Limits**					
TCMX	112%	H	%REC	23-120	1	335742	03/19/24	03/21/24	MTS
Decachlorobiphenyl	81%	H	%REC	24-120	1	335742	03/19/24	03/21/24	MTS

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 503715

Sample ID: HA-24-009-0.5	Lab ID: 503715-033	Collected: 03/05/24 07:49

503715-033 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3510C										
Chlordane (Technical)	ND		ug/L	2.0	TCLP Leachate	1	337020	04/04/24	04/05/24	MES
Surrogates				**Limits**						
TCMX	81%		%REC	14-120	TCLP Leachate	1	337020	04/04/24	04/05/24	MES
Decachlorobiphenyl	140%	*	%REC	20-120	TCLP Leachate	1	337020	04/04/24	04/05/24	MES
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
beta-BHC	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
gamma-BHC	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
delta-BHC	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
Heptachlor	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
Aldrin	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
Endosulfan I	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
Dieldrin	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
4,4'-DDE	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
Endrin	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
Endosulfan II	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
Endosulfan sulfate	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
4,4'-DDD	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
Endrin ketone	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
4,4'-DDT	ND		ug/Kg	5.1	Soil	1	335083	03/11/24	03/12/24	MES
Methoxychlor	ND		ug/Kg	10	Soil	1	335083	03/11/24	03/12/24	MES
Toxaphene	ND		ug/Kg	100	Soil	1	335083	03/11/24	03/12/24	MES
Chlordane (Technical)	**3,400**		ug/Kg	250	Soil	5.1	335083	03/11/24	03/12/24	MES
Surrogates				**Limits**						
TCMX	106%		%REC	23-120	Soil	1	335083	03/11/24	03/12/24	MES
Decachlorobiphenyl	82%		%REC	24-120	Soil	1	335083	03/11/24	03/12/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 503715

Sample ID: HA-24-009-2.5	Lab ID: 503715-035	Collected: 03/05/24 08:29
	Matrix: Soil	

503715-035 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
beta-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
gamma-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
delta-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Heptachlor	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Aldrin	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endosulfan I	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Dieldrin	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endrin	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endosulfan II	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endosulfan sulfate	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
4,4'-DDD	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endrin ketone	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Methoxychlor	ND		ug/Kg	10	1	335083	03/11/24	03/12/24	MES
Toxaphene	ND		ug/Kg	100	1	335083	03/11/24	03/12/24	MES
Chlordane (Technical)	**3,300**		ug/Kg	510	10	335083	03/11/24	03/12/24	MES
Surrogates				**Limits**					
TCMX	105%		%REC	23-120	1	335083	03/11/24	03/12/24	MES
Decachlorobiphenyl	115%		%REC	24-120	1	335083	03/11/24	03/12/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 503715

Sample ID: HA-24-009-4	Lab ID: 503715-036	Collected: 03/05/24 08:46
	Matrix: Soil	

503715-036 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	335742	03/19/24	03/21/24	MTS
beta-BHC	ND		ug/Kg	5.0	1	335742	03/19/24	03/21/24	MTS
gamma-BHC	ND		ug/Kg	5.0	1	335742	03/19/24	03/21/24	MTS
delta-BHC	ND		ug/Kg	5.0	1	335742	03/19/24	03/21/24	MTS
Heptachlor	ND		ug/Kg	5.0	1	335742	03/19/24	03/21/24	MTS
Aldrin	ND		ug/Kg	5.0	1	335742	03/19/24	03/21/24	MTS
Heptachlor epoxide	ND		ug/Kg	5.0	1	335742	03/19/24	03/21/24	MTS
Endosulfan I	ND		ug/Kg	5.0	1	335742	03/19/24	03/21/24	MTS
Dieldrin	ND		ug/Kg	5.0	1	335742	03/19/24	03/21/24	MTS
4,4'-DDE	ND		ug/Kg	5.0	1	335742	03/19/24	03/21/24	MTS
Endrin	ND		ug/Kg	5.0	1	335742	03/19/24	03/21/24	MTS
Endosulfan II	ND		ug/Kg	5.0	1	335742	03/19/24	03/21/24	MTS
Endosulfan sulfate	ND		ug/Kg	5.0	1	335742	03/19/24	03/21/24	MTS
4,4'-DDD	ND		ug/Kg	5.0	1	335742	03/19/24	03/21/24	MTS
Endrin aldehyde	ND		ug/Kg	5.0	1	335742	03/19/24	03/21/24	MTS
Endrin ketone	ND		ug/Kg	5.0	1	335742	03/19/24	03/21/24	MTS
4,4'-DDT	ND		ug/Kg	5.0	1	335742	03/19/24	03/21/24	MTS
Methoxychlor	ND		ug/Kg	10	1	335742	03/19/24	03/21/24	MTS
Toxaphene	ND		ug/Kg	100	1	335742	03/19/24	03/21/24	MTS
Chlordane (Technical)	**2,200**		ug/Kg	250	5	335742	03/19/24	03/22/24	MTS
Surrogates				**Limits**					
TCMX	107%		%REC	23-120	1	335742	03/19/24	03/21/24	MTS
Decachlorobiphenyl	71%		%REC	24-120	1	335742	03/19/24	03/21/24	MTS

Results for any subcontracted analyses are not included in this section.

Analysis Results for 503715

Sample ID: HA-24-011-0.5	Lab ID: 503715-037	Collected: 03/05/24 09:09
	Matrix: Soil	

503715-037 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
beta-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
gamma-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
delta-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Heptachlor	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Aldrin	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endosulfan I	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Dieldrin	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endrin	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endosulfan II	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endosulfan sulfate	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
4,4'-DDD	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endrin ketone	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Methoxychlor	ND		ug/Kg	10	1	335083	03/11/24	03/12/24	MES
Toxaphene	ND		ug/Kg	100	1	335083	03/11/24	03/12/24	MES
Chlordane (Technical)	ND		ug/Kg	51	1	335083	03/11/24	03/12/24	MES
Surrogates				**Limits**					
TCMX	105%		%REC	23-120	1	335083	03/11/24	03/12/24	MES
Decachlorobiphenyl	130%	*	%REC	24-120	1	335083	03/11/24	03/12/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 503715

Sample ID: HA-24-011-2.5	Lab ID: 503715-039	Collected: 03/05/24 09:43
	Matrix: Soil	

503715-039 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
beta-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
gamma-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
delta-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Heptachlor	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Aldrin	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endosulfan I	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Dieldrin	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endrin	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endosulfan II	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endosulfan sulfate	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
4,4'-DDD	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endrin ketone	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Methoxychlor	ND		ug/Kg	10	1	335083	03/11/24	03/12/24	MES
Toxaphene	ND		ug/Kg	100	1	335083	03/11/24	03/12/24	MES
Chlordane (Technical)	ND		ug/Kg	51	1	335083	03/11/24	03/12/24	MES
Surrogates				**Limits**					
TCMX	103%		%REC	23-120	1	335083	03/11/24	03/12/24	MES
Decachlorobiphenyl	116%		%REC	24-120	1	335083	03/11/24	03/12/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 503715

Sample ID: HA-24-008-0.5	Lab ID: 503715-041	Collected: 03/05/24 10:20
	Matrix: Soil	

503715-041 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
beta-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
gamma-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
delta-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Heptachlor	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Aldrin	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endosulfan I	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Dieldrin	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endrin	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endosulfan II	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endosulfan sulfate	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
4,4'-DDD	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endrin ketone	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Methoxychlor	ND		ug/Kg	10	1	335083	03/11/24	03/12/24	MES
Toxaphene	ND		ug/Kg	100	1	335083	03/11/24	03/12/24	MES
Chlordane (Technical)	**300**		ug/Kg	51	1	335083	03/11/24	03/12/24	MES
Surrogates				**Limits**					
TCMX	107%		%REC	23-120	1	335083	03/11/24	03/12/24	MES
Decachlorobiphenyl	98%		%REC	24-120	1	335083	03/11/24	03/12/24	MES

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 503715

Sample ID: HA-24-008-2.5	Lab ID: 503715-043	Collected: 03/05/24 10:58
	Matrix: Soil	

503715-043 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
beta-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
gamma-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
delta-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Heptachlor	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Aldrin	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endosulfan I	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Dieldrin	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endrin	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endosulfan II	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endosulfan sulfate	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
4,4'-DDD	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endrin ketone	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Methoxychlor	ND		ug/Kg	10	1	335083	03/11/24	03/12/24	MES
Toxaphene	ND		ug/Kg	100	1	335083	03/11/24	03/12/24	MES
Chlordane (Technical)	ND		ug/Kg	51	1	335083	03/11/24	03/12/24	MES
Surrogates				**Limits**					
TCMX	93%		%REC	23-120	1	335083	03/11/24	03/12/24	MES
Decachlorobiphenyl	110%		%REC	24-120	1	335083	03/11/24	03/12/24	MES

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 503715

Sample ID: HA-24-012-0.5	Lab ID: 503715-045	Collected: 03/05/24 12:09
	Matrix: Soil	

503715-045 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
beta-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
gamma-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
delta-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Heptachlor	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Aldrin	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endosulfan I	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Dieldrin	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endrin	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endosulfan II	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endosulfan sulfate	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
4,4'-DDD	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endrin ketone	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Methoxychlor	ND		ug/Kg	10	1	335083	03/11/24	03/12/24	MES
Toxaphene	ND		ug/Kg	100	1	335083	03/11/24	03/12/24	MES
Chlordane (Technical)	ND		ug/Kg	51	1	335083	03/11/24	03/12/24	MES
Surrogates				**Limits**					
TCMX	104%		%REC	23-120	1	335083	03/11/24	03/12/24	MES
Decachlorobiphenyl	119%		%REC	24-120	1	335083	03/11/24	03/12/24	MES

Results for any subcontracted analyses are not included in this section.

Analysis Results for 503715

Sample ID: HA-24-012-2.5	Lab ID: 503715-047	Collected: 03/05/24 12:42
	Matrix: Soil	

503715-047 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
beta-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
gamma-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
delta-BHC	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Heptachlor	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Aldrin	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endosulfan I	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Dieldrin	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endrin	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endosulfan II	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endosulfan sulfate	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
4,4'-DDD	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Endrin ketone	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1	335083	03/11/24	03/12/24	MES
Methoxychlor	ND		ug/Kg	10	1	335083	03/11/24	03/12/24	MES
Toxaphene	ND		ug/Kg	100	1	335083	03/11/24	03/12/24	MES
Chlordane (Technical)	ND		ug/Kg	51	1	335083	03/11/24	03/12/24	MES
Surrogates				**Limits**					
TCMX	103%		%REC	23-120	1	335083	03/11/24	03/12/24	MES
Decachlorobiphenyl	120%		%REC	24-120	1	335083	03/11/24	03/12/24	MES

* Value is outside QC limits
C Presence confirmed, but RPD between columns exceeds 40%
H Holding time was exceeded
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1134359	Batch: 334768
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1134359 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	03/06/24	03/07/24
Arsenic	ND		mg/Kg	1.0	03/06/24	03/07/24
Barium	ND		mg/Kg	1.0	03/06/24	03/07/24
Beryllium	ND		mg/Kg	0.50	03/06/24	03/07/24
Cadmium	ND		mg/Kg	0.50	03/06/24	03/07/24
Chromium	ND		mg/Kg	1.0	03/06/24	03/07/24
Cobalt	ND		mg/Kg	0.50	03/06/24	03/07/24
Copper	ND		mg/Kg	1.0	03/06/24	03/07/24
Lead	ND		mg/Kg	1.0	03/06/24	03/07/24
Molybdenum	ND		mg/Kg	1.1	03/06/24	03/07/24
Nickel	ND		mg/Kg	1.0	03/06/24	03/07/24
Selenium	ND		mg/Kg	3.0	03/06/24	03/07/24
Silver	ND		mg/Kg	0.50	03/06/24	03/07/24
Thallium	ND		mg/Kg	3.0	03/06/24	03/07/24
Vanadium	ND		mg/Kg	1.0	03/06/24	03/07/24
Zinc	ND		mg/Kg	5.0	03/06/24	03/07/24

Type: Lab Control Sample	Lab ID: QC1134360	Batch: 334768
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1134360 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	95.45	100.0	mg/Kg	95%		80-120
Arsenic	96.73	100.0	mg/Kg	97%		80-120
Barium	99.73	100.0	mg/Kg	100%		80-120
Beryllium	103.7	100.0	mg/Kg	104%		80-120
Cadmium	103.6	100.0	mg/Kg	104%		80-120
Chromium	99.90	100.0	mg/Kg	100%		80-120
Cobalt	105.4	100.0	mg/Kg	105%		80-120
Copper	92.92	100.0	mg/Kg	93%		80-120
Lead	103.3	100.0	mg/Kg	103%		80-120
Molybdenum	98.93	100.0	mg/Kg	99%		80-120
Nickel	103.8	100.0	mg/Kg	104%		80-120
Selenium	91.12	100.0	mg/Kg	91%		80-120
Silver	47.66	50.00	mg/Kg	95%		80-120
Thallium	101.0	100.0	mg/Kg	101%		80-120
Vanadium	99.86	100.0	mg/Kg	100%		80-120
Zinc	102.8	100.0	mg/Kg	103%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1134361	Batch:	334768
Matrix (Source ID):	Soil (503715-014)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1134361 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	42.37	ND	95.24	mg/Kg	44%	*	75-125	0.95
Arsenic	106.1	10.31	95.24	mg/Kg	101%		75-125	0.95
Barium	173.7	84.36	95.24	mg/Kg	94%		75-125	0.95
Beryllium	101.2	0.4100	95.24	mg/Kg	106%		75-125	0.95
Cadmium	99.07	0.1320	95.24	mg/Kg	104%		75-125	0.95
Chromium	110.0	16.09	95.24	mg/Kg	99%		75-125	0.95
Cobalt	105.0	5.977	95.24	mg/Kg	104%		75-125	0.95
Copper	106.7	11.39	95.24	mg/Kg	100%		75-125	0.95
Lead	111.0	12.36	95.24	mg/Kg	104%		75-125	0.95
Molybdenum	93.44	ND	95.24	mg/Kg	98%		75-125	0.95
Nickel	105.2	7.775	95.24	mg/Kg	102%		75-125	0.95
Selenium	88.10	ND	95.24	mg/Kg	92%		75-125	0.95
Silver	47.51	ND	47.62	mg/Kg	100%		75-125	0.95
Thallium	96.66	ND	95.24	mg/Kg	101%		75-125	0.95
Vanadium	132.0	35.53	95.24	mg/Kg	101%		75-125	0.95
Zinc	146.7	50.97	95.24	mg/Kg	100%		75-125	0.95

Type:	Matrix Spike Duplicate	Lab ID:	QC1134362	Batch:	334768
Matrix (Source ID):	Soil (503715-014)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1134362 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	42.22	ND	100.0	mg/Kg	42%	*	75-125	5	41	1
Arsenic	109.5	10.31	100.0	mg/Kg	99%		75-125	1	35	1
Barium	171.4	84.36	100.0	mg/Kg	87%		75-125	4	20	1
Beryllium	105.2	0.4100	100.0	mg/Kg	105%		75-125	1	20	1
Cadmium	103.2	0.1320	100.0	mg/Kg	103%		75-125	1	20	1
Chromium	111.8	16.09	100.0	mg/Kg	96%		75-125	3	20	1
Cobalt	111.0	5.977	100.0	mg/Kg	105%		75-125	1	20	1
Copper	109.9	11.39	100.0	mg/Kg	99%		75-125	1	20	1
Lead	115.5	12.36	100.0	mg/Kg	103%		75-125	0	20	1
Molybdenum	97.21	ND	100.0	mg/Kg	97%		75-125	1	20	1
Nickel	108.9	7.775	100.0	mg/Kg	101%		75-125	1	20	1
Selenium	91.38	ND	100.0	mg/Kg	91%		75-125	1	20	1
Silver	49.17	ND	50.00	mg/Kg	98%		75-125	1	20	1
Thallium	99.70	ND	100.0	mg/Kg	100%		75-125	2	20	1
Vanadium	134.2	35.53	100.0	mg/Kg	99%		75-125	2	20	1
Zinc	150.7	50.97	100.0	mg/Kg	100%		75-125	0	20	1

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Batch QC

Type:	Post Digest Spike	Lab ID:	QC1134363	Batch:	334768
Matrix (Source ID):	Soil (503715-014)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1134363 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	96.91	ND	100.0	mg/Kg	97%		75-125	1
Arsenic	106.0	10.31	100.0	mg/Kg	96%		75-125	1
Barium	183.1	84.36	100.0	mg/Kg	99%		75-125	1
Beryllium	102.1	0.4100	100.0	mg/Kg	102%		75-125	1
Cadmium	100.2	0.1320	100.0	mg/Kg	100%		75-125	1
Chromium	113.2	16.09	100.0	mg/Kg	97%		75-125	1
Cobalt	107.5	5.977	100.0	mg/Kg	102%		75-125	1
Copper	107.6	11.39	100.0	mg/Kg	96%		75-125	1
Lead	112.1	12.36	100.0	mg/Kg	100%		75-125	1
Molybdenum	99.73	ND	100.0	mg/Kg	100%		75-125	1
Nickel	107.2	7.775	100.0	mg/Kg	99%		75-125	1
Selenium	90.44	ND	100.0	mg/Kg	90%		75-125	1
Silver	47.92	ND	50.00	mg/Kg	96%		75-125	1
Thallium	97.72	ND	100.0	mg/Kg	98%		75-125	1
Vanadium	135.2	35.53	100.0	mg/Kg	100%		75-125	1
Zinc	150.7	50.97	100.0	mg/Kg	100%		75-125	1

Type:	Blank	Lab ID:	QC1134452	Batch:	334789
Matrix:	Soil	Method:	EPA 7471A	Prep Method:	METHOD

QC1134452 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	03/07/24	03/07/24

Type:	Lab Control Sample	Lab ID:	QC1134453	Batch:	334789
Matrix:	Soil	Method:	EPA 7471A	Prep Method:	METHOD

QC1134453 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8435	0.8333	mg/Kg	101%		80-120

Type:	Matrix Spike	Lab ID:	QC1134454	Batch:	334789
Matrix (Source ID):	Soil (503715-014)	Method:	EPA 7471A	Prep Method:	METHOD

QC1134454 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.9242	0.02709	0.8929	mg/Kg	100%		75-125	1.1

Type:	Matrix Spike Duplicate	Lab ID:	QC1134455	Batch:	334789
Matrix (Source ID):	Soil (503715-014)	Method:	EPA 7471A	Prep Method:	METHOD

QC1134455 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	1.013	0.02709	0.9434	mg/Kg	104%		75-125	4	20	1.1

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Batch QC

Type: Blank	Lab ID: QC1142723	Batch: 337215
Matrix: Water	Method: EPA 8081A	Prep Method: EPA 3510C

QC1142723 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Chlordane (Technical)	ND		ug/L	1.0	04/08/24	04/09/24
Surrogates				**Limits**		
TCMX	69%		%REC	14-120	04/08/24	04/09/24
Decachlorobiphenyl	136%	*	%REC	20-120	04/08/24	04/09/24

Type: Lab Control Sample	Lab ID: QC1142724	Batch: 337215
Matrix: Water	Method: EPA 8081A	Prep Method: EPA 3510C

QC1142724 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Dieldrin	0.4070	0.5000	ug/L	81%		55-120
Endrin	0.4154	0.5000	ug/L	83%		57-120
Surrogates						
TCMX	0.3227	0.5000	ug/L	65%		14-120
Decachlorobiphenyl	0.4292	0.5000	ug/L	86%		20-120

Type: Lab Control Sample Duplicate	Lab ID: QC1142725	Batch: 337215
Matrix: Water	Method: EPA 8081A	Prep Method: EPA 3510C

QC1142725 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Dieldrin	0.3877	0.5000	ug/L	78%		55-120	5	20
Endrin	0.3955	0.5000	ug/L	79%		57-120	5	20
Surrogates								
TCMX	0.3161	0.5000	ug/L	63%		14-120		
Decachlorobiphenyl	0.3963	0.5000	ug/L	79%		20-120		

Type: Blank	Lab ID: QC1142726	Batch: 337215
Matrix: WET Leachate	Method: EPA 8081A	Prep Method: EPA 3510C

QC1142726 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Chlordane (Technical)	ND		ug/L	2.0	04/08/24	04/09/24
Surrogates				**Limits**		
TCMX	114%		%REC	14-120	04/08/24	04/09/24
Decachlorobiphenyl	212%	*	%REC	20-120	04/08/24	04/09/24

Type: Blank	Lab ID: QC1141954	Batch: 337020
Matrix: Water	Method: EPA 8081A	Prep Method: EPA 3510C

QC1141954 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Chlordane (Technical)	ND		ug/L	1.0	04/04/24	04/05/24
Surrogates				**Limits**		
TCMX	93%		%REC	14-120	04/04/24	04/05/24
Decachlorobiphenyl	124%	*	%REC	20-120	04/04/24	04/05/24

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1141959	Batch: 337020
Matrix: TCLP Leachate	Method: EPA 8081A	Prep Method: EPA 3510C

QC1141959 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Chlordane (Technical)	ND		ug/L	2.0	04/04/24	04/05/24
Surrogates				**Limits**		
TCMX	83%		%REC	14-120	04/04/24	04/05/24
Decachlorobiphenyl	152%	*	%REC	20-120	04/04/24	04/05/24

Type: Blank	Lab ID: QC1135098	Batch: 334976
Matrix: Soil	Method: EPA 8081A	Prep Method: EPA 3546

QC1135098 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
alpha-BHC	ND		ug/Kg	5.0	03/09/24	03/11/24
beta-BHC	ND		ug/Kg	5.0	03/09/24	03/11/24
gamma-BHC	ND		ug/Kg	5.0	03/09/24	03/11/24
delta-BHC	ND		ug/Kg	5.0	03/09/24	03/11/24
Heptachlor	ND		ug/Kg	5.0	03/09/24	03/11/24
Aldrin	ND		ug/Kg	5.0	03/09/24	03/11/24
Heptachlor epoxide	ND		ug/Kg	5.0	03/09/24	03/11/24
Endosulfan I	ND		ug/Kg	5.0	03/09/24	03/11/24
Dieldrin	ND		ug/Kg	5.0	03/09/24	03/11/24
4,4'-DDE	ND		ug/Kg	5.0	03/09/24	03/11/24
Endrin	ND		ug/Kg	5.0	03/09/24	03/11/24
Endosulfan II	ND		ug/Kg	5.0	03/09/24	03/11/24
Endosulfan sulfate	ND		ug/Kg	5.0	03/09/24	03/11/24
4,4'-DDD	ND		ug/Kg	5.0	03/09/24	03/11/24
Endrin aldehyde	ND		ug/Kg	5.0	03/09/24	03/11/24
Endrin ketone	ND		ug/Kg	5.0	03/09/24	03/11/24
4,4'-DDT	ND		ug/Kg	5.0	03/09/24	03/11/24
Methoxychlor	ND		ug/Kg	10	03/09/24	03/11/24
Toxaphene	ND		ug/Kg	100	03/09/24	03/11/24
Chlordane (Technical)	ND		ug/Kg	50	03/09/24	03/11/24
Surrogates				**Limits**		
TCMX	113%		%REC	23-120	03/09/24	03/11/24
Decachlorobiphenyl	121%	*,E	%REC	24-120	03/09/24	03/11/24

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Batch QC

Type: Lab Control Sample	**Lab ID: QC1135099**	**Batch: 334976**
Matrix: Soil	**Method: EPA 8081A**	**Prep Method: EPA 3546**

QC1135099 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	62.28	50.51	ug/Kg	123%		22-129
beta-BHC	60.14	50.51	ug/Kg	119%		28-125
gamma-BHC	62.53	50.51	ug/Kg	124%		22-128
delta-BHC	40.33	50.51	ug/Kg	80%		24-131
Heptachlor	54.29	50.51	ug/Kg	107%		18-124
Aldrin	27.45	50.51	ug/Kg	54%		23-120
Heptachlor epoxide	58.20	50.51	ug/Kg	115%		26-120
Endosulfan I	58.21	50.51	ug/Kg	115%		25-126
Dieldrin	60.52	50.51	ug/Kg	120%		23-124
4,4'-DDE	61.19	50.51	ug/Kg	121%	#	28-121
Endrin	49.63	50.51	ug/Kg	98%		25-127
Endosulfan II	61.08	50.51	ug/Kg	121%		29-121
Endosulfan sulfate	47.29	50.51	ug/Kg	94%		30-121
4,4'-DDD	52.13	50.51	ug/Kg	103%	#	26-120
Endrin aldehyde	15.54	50.51	ug/Kg	31%		10-120
Endrin ketone	68.04	50.51	ug/Kg	135%	#,*	28-125
4,4'-DDT	21.40	50.51	ug/Kg	42%		22-125
Methoxychlor	31.83	50.51	ug/Kg	63%		28-130
Surrogates						
TCMX	51.57	50.51	ug/Kg	102%		23-120
Decachlorobiphenyl	49.88	50.51	ug/Kg	99%		24-120

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1135119**	**Batch:**	**334976**
Matrix (Source ID):	**Soil (503622-045)**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3546**

QC1135119 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	48.85	ND	51.02	ug/Kg	96%		46-120	5.1
beta-BHC	56.17	ND	51.02	ug/Kg	110%		41-120	5.1
gamma-BHC	52.33	ND	51.02	ug/Kg	103%		41-120	5.1
delta-BHC	48.31	ND	51.02	ug/Kg	95%		38-123	5.1
Heptachlor	55.03	ND	51.02	ug/Kg	108%		39-120	5.1
Aldrin	52.60	ND	51.02	ug/Kg	103%		34-120	5.1
Heptachlor epoxide	45.46	ND	51.02	ug/Kg	89%		43-120	5.1
Endosulfan I	48.80	ND	51.02	ug/Kg	96%		45-120	5.1
Dieldrin	301.9	241.1	51.02	ug/Kg	119%	#,NM	45-120	5.1
4,4'-DDE	66.86	ND	51.02	ug/Kg	131%	#,*	34-120	5.1
Endrin	63.90	ND	51.02	ug/Kg	125%	*	40-120	5.1
Endosulfan II	54.73	ND	51.02	ug/Kg	107%	#	41-120	5.1
Endosulfan sulfate	51.39	ND	51.02	ug/Kg	101%	#	42-120	5.1
4,4'-DDD	48.89	ND	51.02	ug/Kg	96%	#	41-120	5.1
Endrin aldehyde	50.36	ND	51.02	ug/Kg	99%	#	30-120	5.1
Endrin ketone	52.65	ND	51.02	ug/Kg	103%	#	45-120	5.1
4,4'-DDT	88.77	20.52	51.02	ug/Kg	134%	*	35-127	5.1
Methoxychlor	87.63	ND	51.02	ug/Kg	172%	*	42-136	5.1
Surrogates								
TCMX	49.46		51.02	ug/Kg	97%		23-120	5.1
Decachlorobiphenyl	55.21		51.02	ug/Kg	108%		24-120	5.1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1135120**	**Batch:**	**334976**
Matrix (Source ID):	**Soil (503622-045)**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3546**

QC1135120 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
alpha-BHC	52.53	ND	50.51	ug/Kg	104%		46-120	8	30	5.1
beta-BHC	60.17	ND	50.51	ug/Kg	119%		41-120	8	30	5.1
gamma-BHC	57.28	ND	50.51	ug/Kg	113%		41-120	10	30	5.1
delta-BHC	52.19	ND	50.51	ug/Kg	103%		38-123	9	30	5.1
Heptachlor	60.38	ND	50.51	ug/Kg	120%		39-120	10	30	5.1
Aldrin	55.27	ND	50.51	ug/Kg	109%		34-120	6	30	5.1
Heptachlor epoxide	51.16	ND	50.51	ug/Kg	101%		43-120	13	30	5.1
Endosulfan I	53.92	ND	50.51	ug/Kg	107%		45-120	11	30	5.1
Dieldrin	113.0	241.1	50.51	ug/Kg	-254%	#,NM	45-120	91*	30	5.1
4,4'-DDE	59.93	ND	50.51	ug/Kg	119%	#	34-120	10	30	5.1
Endrin	61.03	ND	50.51	ug/Kg	121%	*	40-120	4	30	5.1
Endosulfan II	57.25	ND	50.51	ug/Kg	113%	#	41-120	6	30	5.1
Endosulfan sulfate	54.64	ND	50.51	ug/Kg	108%	#	42-120	7	30	5.1
4,4'-DDD	51.99	ND	50.51	ug/Kg	103%	#	41-120	7	30	5.1
Endrin aldehyde	48.62	ND	50.51	ug/Kg	96%	#	30-120	3	30	5.1
Endrin ketone	53.37	ND	50.51	ug/Kg	106%	#	45-120	2	30	5.1
4,4'-DDT	92.09	20.52	50.51	ug/Kg	142%	*	35-127	4	30	5.1
Methoxychlor	74.00	ND	50.51	ug/Kg	147%	*	42-136	16	30	5.1
Surrogates										
TCMX	54.26		50.51	ug/Kg	107%		23-120			5.1
Decachlorobiphenyl	55.48		50.51	ug/Kg	110%		24-120			5.1

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Batch QC

Type:	**Blank**	**Lab ID:**	**QC1135553**	**Batch:**	**335083**
Matrix:	**Soil**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3546**

QC1135553 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
alpha-BHC	ND		ug/Kg	5.1	03/11/24	03/12/24
beta-BHC	ND		ug/Kg	5.1	03/11/24	03/12/24
gamma-BHC	ND		ug/Kg	5.1	03/11/24	03/12/24
delta-BHC	ND		ug/Kg	5.1	03/11/24	03/12/24
Heptachlor	ND		ug/Kg	5.1	03/11/24	03/12/24
Aldrin	ND		ug/Kg	5.1	03/11/24	03/12/24
Heptachlor epoxide	ND		ug/Kg	5.1	03/11/24	03/12/24
Endosulfan I	ND		ug/Kg	5.1	03/11/24	03/12/24
Dieldrin	ND		ug/Kg	5.1	03/11/24	03/12/24
4,4'-DDE	ND		ug/Kg	5.1	03/11/24	03/12/24
Endrin	ND		ug/Kg	5.1	03/11/24	03/12/24
Endosulfan II	ND		ug/Kg	5.1	03/11/24	03/12/24
Endosulfan sulfate	ND		ug/Kg	5.1	03/11/24	03/12/24
4,4'-DDD	ND		ug/Kg	5.1	03/11/24	03/12/24
Endrin aldehyde	ND		ug/Kg	5.1	03/11/24	03/12/24
Endrin ketone	ND		ug/Kg	5.1	03/11/24	03/12/24
4,4'-DDT	ND		ug/Kg	5.1	03/11/24	03/12/24
Methoxychlor	ND		ug/Kg	10	03/11/24	03/12/24
Toxaphene	ND		ug/Kg	100	03/11/24	03/12/24
Chlordane (Technical)	ND		ug/Kg	51	03/11/24	03/12/24
Surrogates				**Limits**		
TCMX	92%		%REC	23-120	03/11/24	03/12/24
Decachlorobiphenyl	90%		%REC	24-120	03/11/24	03/12/24

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	**Lab ID: QC1135554**	**Batch: 335083**
Matrix: Soil	**Method: EPA 8081A**	**Prep Method: EPA 3546**

QC1135554 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	46.83	49.50	ug/Kg	95%		22-129
beta-BHC	52.37	49.50	ug/Kg	106%		28-125
gamma-BHC	51.04	49.50	ug/Kg	103%		22-128
delta-BHC	48.18	49.50	ug/Kg	97%		24-131
Heptachlor	50.88	49.50	ug/Kg	103%		18-124
Aldrin	51.56	49.50	ug/Kg	104%		23-120
Heptachlor epoxide	51.64	49.50	ug/Kg	104%		26-120
Endosulfan I	49.65	49.50	ug/Kg	100%		25-126
Dieldrin	55.45	49.50	ug/Kg	112%		23-124
4,4'-DDE	60.59	49.50	ug/Kg	122%	*	28-121
Endrin	46.49	49.50	ug/Kg	94%		25-127
Endosulfan II	46.91	49.50	ug/Kg	95%		29-121
Endosulfan sulfate	32.12	49.50	ug/Kg	65%		30-121
4,4'-DDD	51.55	49.50	ug/Kg	104%		26-120
Endrin aldehyde	5.334	49.50	ug/Kg	11%		10-120
Endrin ketone	37.42	49.50	ug/Kg	76%		28-125
4,4'-DDT	51.39	49.50	ug/Kg	104%		22-125
Methoxychlor	48.85	49.50	ug/Kg	99%		28-130
Surrogates						
TCMX	45.70	49.50	ug/Kg	92%		23-120
Decachlorobiphenyl	43.28	49.50	ug/Kg	87%		24-120

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1135555**	**Batch:**	**335083**
Matrix (Source ID):	**Soil (503672-001)**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3546**

QC1135555 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	52.52	ND	50.51	ug/Kg	104%		46-120	1
beta-BHC	55.28	ND	50.51	ug/Kg	109%		41-120	1
gamma-BHC	55.15	ND	50.51	ug/Kg	109%		41-120	1
delta-BHC	52.63	ND	50.51	ug/Kg	104%		38-123	1
Heptachlor	53.20	ND	50.51	ug/Kg	105%		39-120	1
Aldrin	54.67	ND	50.51	ug/Kg	108%		34-120	1
Heptachlor epoxide	52.56	ND	50.51	ug/Kg	104%		43-120	1
Endosulfan I	59.34	ND	50.51	ug/Kg	118%		45-120	1
Dieldrin	56.94	ND	50.51	ug/Kg	113%		45-120	1
4,4'-DDE	82.61	22.17	50.51	ug/Kg	120%		34-120	1
Endrin	59.02	ND	50.51	ug/Kg	117%		40-120	1
Endosulfan II	55.47	ND	50.51	ug/Kg	110%		41-120	1
Endosulfan sulfate	50.33	ND	50.51	ug/Kg	100%		42-120	1
4,4'-DDD	65.15	8.427	50.51	ug/Kg	112%		41-120	1
Endrin aldehyde	51.59	ND	50.51	ug/Kg	102%		30-120	1
Endrin ketone	48.11	ND	50.51	ug/Kg	95%		45-120	1
4,4'-DDT	86.66	28.33	50.51	ug/Kg	116%		35-127	1
Methoxychlor	54.22	ND	50.51	ug/Kg	107%		42-136	1
Surrogates								
TCMX	47.07		50.51	ug/Kg	93%		23-120	1
Decachlorobiphenyl	43.29		50.51	ug/Kg	86%		24-120	1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1135556**	**Batch:**	**335083**
Matrix (Source ID):	**Soil (503672-001)**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3546**

QC1135556 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
alpha-BHC	57.10	ND	50.00	ug/Kg	114%		46-120	9	30	1
beta-BHC	61.12	ND	50.00	ug/Kg	122%	*	41-120	11	30	1
gamma-BHC	59.86	ND	50.00	ug/Kg	120%		41-120	9	30	1
delta-BHC	57.71	ND	50.00	ug/Kg	115%		38-123	10	30	1
Heptachlor	58.35	ND	50.00	ug/Kg	117%		39-120	10	30	1
Aldrin	58.61	ND	50.00	ug/Kg	117%		34-120	8	30	1
Heptachlor epoxide	57.70	ND	50.00	ug/Kg	115%		43-120	10	30	1
Endosulfan I	65.26	ND	50.00	ug/Kg	131%	*	45-120	11	30	1
Dieldrin	63.21	ND	50.00	ug/Kg	126%	*	45-120	11	30	1
4,4'-DDE	103.4	22.17	50.00	ug/Kg	162%	*	34-120	23	30	1
Endrin	64.98	ND	50.00	ug/Kg	130%	*	40-120	11	30	1
Endosulfan II	62.94	ND	50.00	ug/Kg	126%	*	41-120	14	30	1
Endosulfan sulfate	55.51	ND	50.00	ug/Kg	111%		42-120	11	30	1
4,4'-DDD	95.68	8.427	50.00	ug/Kg	175%	*	41-120	39*	30	1
Endrin aldehyde	56.53	ND	50.00	ug/Kg	113%		30-120	10	30	1
Endrin ketone	53.42	ND	50.00	ug/Kg	107%		45-120	11	30	1
4,4'-DDT	115.3	28.33	50.00	ug/Kg	174%	*	35-127	29	30	1
Methoxychlor	62.50	ND	50.00	ug/Kg	125%		42-136	15	30	1
Surrogates										
TCMX	51.54		50.00	ug/Kg	103%		23-120			1
Decachlorobiphenyl	51.41		50.00	ug/Kg	103%		24-120			1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1137639**	**Batch:**	**335742**
Matrix:	**Soil**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3546**

QC1137639 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
alpha-BHC	ND		ug/Kg	5.0	03/19/24	03/21/24
beta-BHC	ND		ug/Kg	5.0	03/19/24	03/21/24
gamma-BHC	ND		ug/Kg	5.0	03/19/24	03/21/24
delta-BHC	ND		ug/Kg	5.0	03/19/24	03/21/24
Heptachlor	ND		ug/Kg	5.0	03/19/24	03/21/24
Aldrin	ND		ug/Kg	5.0	03/19/24	03/21/24
Heptachlor epoxide	ND		ug/Kg	5.0	03/19/24	03/21/24
Endosulfan I	ND		ug/Kg	5.0	03/19/24	03/21/24
Dieldrin	ND		ug/Kg	5.0	03/19/24	03/21/24
4,4'-DDE	ND		ug/Kg	5.0	03/19/24	03/21/24
Endrin	ND		ug/Kg	5.0	03/19/24	03/21/24
Endosulfan II	ND		ug/Kg	5.0	03/19/24	03/21/24
Endosulfan sulfate	ND		ug/Kg	5.0	03/19/24	03/21/24
4,4'-DDD	ND		ug/Kg	5.0	03/19/24	03/21/24
Endrin aldehyde	ND		ug/Kg	5.0	03/19/24	03/21/24
Endrin ketone	ND		ug/Kg	5.0	03/19/24	03/21/24
4,4'-DDT	ND		ug/Kg	5.0	03/19/24	03/21/24
Methoxychlor	ND		ug/Kg	10	03/19/24	03/21/24
Toxaphene	ND		ug/Kg	100	03/19/24	03/21/24
Chlordane (Technical)	ND		ug/Kg	50	03/19/24	03/21/24
Surrogates				**Limits**		
TCMX	112%		%REC	23-120	03/19/24	03/21/24
Decachlorobiphenyl	71%		%REC	24-120	03/19/24	03/21/24

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	**Lab ID: QC1137640**	**Batch: 335742**
Matrix: Soil	**Method: EPA 8081A**	**Prep Method: EPA 3546**

QC1137640 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	42.86	50.00	ug/Kg	86%		22-129
beta-BHC	50.44	50.00	ug/Kg	101%		28-125
gamma-BHC	44.78	50.00	ug/Kg	90%		22-128
delta-BHC	47.92	50.00	ug/Kg	96%	#	24-131
Heptachlor	49.63	50.00	ug/Kg	99%		18-124
Aldrin	44.42	50.00	ug/Kg	89%		23-120
Heptachlor epoxide	44.58	50.00	ug/Kg	89%		26-120
Endosulfan I	43.01	50.00	ug/Kg	86%		25-126
Dieldrin	43.29	50.00	ug/Kg	87%		23-124
4,4'-DDE	45.66	50.00	ug/Kg	91%		28-121
Endrin	48.64	50.00	ug/Kg	97%		25-127
Endosulfan II	46.11	50.00	ug/Kg	92%		29-121
Endosulfan sulfate	48.10	50.00	ug/Kg	96%		30-121
4,4'-DDD	38.97	50.00	ug/Kg	78%		26-120
Endrin aldehyde	18.82	50.00	ug/Kg	38%		10-120
Endrin ketone	46.73	50.00	ug/Kg	93%		28-125
4,4'-DDT	62.29	50.00	ug/Kg	125%	#	22-125
Methoxychlor	65.70	50.00	ug/Kg	131%	#,*	28-130
Surrogates						
TCMX	47.30	50.00	ug/Kg	95%		23-120
Decachlorobiphenyl	31.21	50.00	ug/Kg	62%		24-120

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1137641**	**Batch:**	**335742**
Matrix (Source ID):	**Soil (503715-012)**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3546**

QC1137641 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	49.44	ND	50.51	ug/Kg	98%		46-120	1
beta-BHC	58.06	ND	50.51	ug/Kg	115%		41-120	1
gamma-BHC	53.14	ND	50.51	ug/Kg	105%		41-120	1
delta-BHC	48.01	ND	50.51	ug/Kg	95%	#	38-123	1
Heptachlor	58.87	ND	50.51	ug/Kg	117%		39-120	1
Aldrin	51.34	ND	50.51	ug/Kg	102%		34-120	1
Heptachlor epoxide	47.68	ND	50.51	ug/Kg	94%		43-120	1
Endosulfan I	53.40	ND	50.51	ug/Kg	106%		45-120	1
Dieldrin	48.93	ND	50.51	ug/Kg	97%		45-120	1
4,4'-DDE	54.17	5.207	50.51	ug/Kg	97%		34-120	1
Endrin	57.49	ND	50.51	ug/Kg	114%		40-120	1
Endosulfan II	55.26	ND	50.51	ug/Kg	109%		41-120	1
Endosulfan sulfate	58.56	ND	50.51	ug/Kg	116%		42-120	1
4,4'-DDD	54.96	ND	50.51	ug/Kg	109%		41-120	1
Endrin aldehyde	54.62	ND	50.51	ug/Kg	108%		30-120	1
Endrin ketone	56.99	ND	50.51	ug/Kg	113%		45-120	1
4,4'-DDT	71.78	ND	50.51	ug/Kg	142%	#,*	35-127	1
Methoxychlor	81.69	ND	50.51	ug/Kg	162%	#,*	42-136	1
Surrogates								
TCMX	55.51		50.51	ug/Kg	110%		23-120	1
Decachlorobiphenyl	37.29		50.51	ug/Kg	74%		24-120	1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1137642**	**Batch:**	**335742**
Matrix (Source ID):	**Soil (503715-012)**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3546**

QC1137642 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
alpha-BHC	47.31	ND	50.51	ug/Kg	94%		46-120	4	30	1
beta-BHC	55.85	ND	50.51	ug/Kg	111%		41-120	4	30	1
gamma-BHC	50.98	ND	50.51	ug/Kg	101%		41-120	4	30	1
delta-BHC	44.33	ND	50.51	ug/Kg	88%	#	38-123	8	30	1
Heptachlor	56.10	ND	50.51	ug/Kg	111%		39-120	5	30	1
Aldrin	49.38	ND	50.51	ug/Kg	98%		34-120	4	30	1
Heptachlor epoxide	45.98	ND	50.51	ug/Kg	91%		43-120	4	30	1
Endosulfan I	50.36	ND	50.51	ug/Kg	100%		45-120	6	30	1
Dieldrin	47.45	ND	50.51	ug/Kg	94%		45-120	3	30	1
4,4'-DDE	50.99	5.207	50.51	ug/Kg	91%		34-120	6	30	1
Endrin	55.04	ND	50.51	ug/Kg	109%		40-120	4	30	1
Endosulfan II	51.02	ND	50.51	ug/Kg	101%		41-120	8	30	1
Endosulfan sulfate	53.36	ND	50.51	ug/Kg	106%		42-120	9	30	1
4,4'-DDD	54.28	ND	50.51	ug/Kg	107%		41-120	1	30	1
Endrin aldehyde	53.55	ND	50.51	ug/Kg	106%		30-120	2	30	1
Endrin ketone	53.01	ND	50.51	ug/Kg	105%		45-120	7	30	1
4,4'-DDT	65.48	ND	50.51	ug/Kg	130%	#,*	35-127	9	30	1
Methoxychlor	72.22	ND	50.51	ug/Kg	143%	#,*	42-136	12	30	1
Surrogates										
TCMX	54.05		50.51	ug/Kg	107%		23-120			1
Decachlorobiphenyl	32.49		50.51	ug/Kg	64%		24-120			1

#	CCV drift outside limits; average CCV drift within limits per method requirements
*	Value is outside QC limits
E	Response exceeds instrument's linear range
ND	Not Detected
NM	Not Meaningful

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 511777
Report Level : II
Report Date : 07/31/2024

Analytical Report *prepared for:*

Chuck Houser
SCS Engineers
8799 Balboa #290
San Diego, CA 92123

Project: MIDWAY RISING - Sports Arena - REVISED REPORT

Authorized for release by:

David Tripp, Project Manager
657-581-4710
david.tripp@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

ENTHALPY ANALYTICAL

Sample Summary

Chuck Houser SCS Engineers 8799 Balboa #290 San Diego, CA 92123	Lab Job #: Project No: Location: Date Received:	511777 MIDWAY RISING Sports Arena - REVISED REPORT 07/09/24

Sample ID	Lab ID	Collected	Matrix
HA-24-026-0.5	511777-001	07/09/24 06:14	Soil
HA-24-026-1.5	511777-002	07/09/24 06:26	Soil
HA-24-026-2.5	511777-003	07/09/24 06:42	Soil
HA-24-026-4	511777-004	07/09/24 06:57	Soil
HA-24-026-5	511777-005	07/09/24 07:11	Soil
HA-24-027-0.5	511777-006	07/09/24 07:42	Soil
HA-24-027-1.5	511777-007	07/09/24 07:58	Soil
HA-24-027-2.5	511777-008	07/09/24 08:14	Soil
HA-24-015A-0.5	511777-009	07/09/24 08:39	Soil
HA-24-015A-1.5	511777-010	07/09/24 08:55	Soil
HA-24-015A-2.5	511777-011	07/09/24 09:15	Soil
HA-24-015A-4	511777-012	07/09/24 09:28	Soil
HA-24-015A-5	511777-013	07/09/24 09:41	Soil
HA-24-031-0.5	511777-014	07/09/24 10:06	Soil
HA-24-031-1.5	511777-015	07/09/24 10:24	Soil
HA-24-031-2.5	511777-016	07/09/24 10:43	Soil
HA-24-031-4	511777-017	07/09/24 10:57	Soil
HA-24-031-5	511777-018	07/09/24 11:17	Soil
HA-24-032-0.5	511777-019	07/09/24 11:34	Soil
HA-24-032-1.5	511777-020	07/09/24 11:52	Soil
HA-24-033-0.5	511777-021	07/09/24 12:09	Soil
HA-24-033-1.5	511777-022	07/09/24 12:24	Soil
HA-24-033-2.5	511777-023	07/09/24 12:39	Soil
HA-24-033-4	511777-024	07/09/24 12:51	Soil
HA-24-033-5	511777-025	07/09/24 13:00	Soil
HA-24-034-0.5	511777-026	07/09/24 13:12	Soil

ENTHALPY ANALYTICAL

Sample Summary

Chuck Houser SCS Engineers 8799 Balboa #290 San Diego, CA 92123	Lab Job #: Project No: Location: Date Received:	511777 MIDWAY RISING Sports Arena - REVISED REPORT 07/09/24

Sample ID	Lab ID	Collected	Matrix
HA-24-034-1.5	511777-027	07/09/24 13:22	Soil
HA-24-034-2.5	511777-028	07/09/24 13:35	Soil

ENTHALPY ANALYTICAL

Case Narrative

SCS Engineers 8799 Balboa #290 San Diego, CA 92123 Chuck Houser	Lab Job Number:	511777
	Project No:	MIDWAY RISING
	Location:	Sports Arena - REVISED REPORT
	Date Received:	07/09/24

This data package contains sample and QC results for sixteen soil samples, requested for the above referenced project on 07/09/24. The samples were received cold and intact.

Pesticides (EPA 8081A) Soil:

- HA-24-015A-0.5 (lab # 511777-009) was diluted due to the color of the sample extract.
- REPORT REVISED to include Chlordane as STLC Add-on results (requested following the final report).
- No other analytical problems were encountered.

Metals (EPA 6010B and EPA 7471A):

- Low recoveries were observed for many analytes in the MS/MSD of HA-24-026-0.5 (lab # 511777-001); the LCS was within limits. High RPD was also observed for many analytes.
- No other analytical problems were encountered.

ENTHALPY ANALYTICAL

Chain of Custody Record — Lab No: 511777 — Page: 1 of 3

Turn Around Time (rush by advanced notice only)

Standard:	✓	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

<<< Select a Laboratory >>>

#N/A

#N/A

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	SCS Engineer	Name:	Midway Rising
Report To:	Chuck Houser	Number:	
Email:	chouser@scsengineers.com	P.O. #:	
Address:	8799 Balboa Ave. #290	Address:	
	San Diego, CA 92123		
Phone:	619-458-2799	Global ID:	
Fax:		Sampled By:	Tyler Overton

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	OCPs (EPA 8081A)	TPH (EPA 8015B)	Metals (EPA 6010B)	Lead (EPA 6010B)	Arsenic (EPA 6010B)						Archive	Test Instructions / Comments
1	HA-24-026-0.5	7/9/24	614	Soil	4oz glass jar	ice	X	X	X									4.0/2.5
2	HA-24-026-1.5		626														X	
3	HA-24-026-2.5		642				X			X	X							
4	HA-24-026-4		657														X	
5	HA-24-026-5		711														X	
6	HA-24-027-0.5		742				X	X	X									
7	HA-24-027-1.5		758														X	
8	HA-24-027-2.5		814				X			X	X							
9	HA-24-015A-0.5		839				X	X	X									
10	HA-24-015A-1.5	↓	855	↓	↓	↓											X	

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Tyler Overton	SCS Engineers	7/9/24 14:00
1 Received By:		Chris Montoya	EA SD	7/9/24 1506
2 Relinquished By:		Chris Montoya	EA SD	7/9/24 1713
2 Received By:		NIOO	EA	7-9-24 1713
3 Relinquished By:		NIOO	EA	7-9-24 1830
3 Received By:		JEBERT QUITUGUA	E.A.-OR	07/09/24 1830

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 51777

Page: 2 of 3

Turn Around Time (rush by advanced notice only)

Standard:	✓	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

<<< Select a Laboratory >>>

#N/A

#N/A

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	← see pg 1 →	Name:	
Report To:		Number:	
Email:		P.O. #:	
Address:		Address:	
Phone:		Global ID:	
Fax:		Sampled By:	

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	OCPs (EPA 8081A)	TPH (EPA 8015B)	Metals (EPA 6010B)	Lead (EPA 6010B)	Arsenic (EPA 6010B)					Archive	Test Instructions / Comments
1	HA-24-015A-2.5	7/9/24	915	soil	4ozglass jar	ice	X			X	X						
2	HA-24-015A-4		928													X	
3	HA-24-015A-5		941													X	
4	HA-24-031-0.5		1006				X	X	X								
5	HA-24-031-1.5		1024													X	
6	HA-24-031-2.5		1043				X			X	X						
7	HA-24-031-4		1057													X	
8	HA-24-031-5		1117													X	
9	HA-24-032-0.5		1134				X	X	X								
10	HA-24-032-1.5		1152				X			X	X						

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		W Tyler Overton	SCS Engineers	7/9/24 1400
[1] Received By:		Chris Montoya	EA-SD	7/9/24 1546
[2] Relinquished By:		Chris Montoya	EA-SD	7/9/24 1713
[2] Received By:		Nicole	EA	7-9-24 1713
[3] Relinquished By:		Nicole	EA	7-9-24 1809
[3] Received By:		JELBERT QUITUGUA	E.A.-OR	07/09/24 1830

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 511777

Page: 3 of 3

Turn Around Time (rush by advanced notice only)

Standard:	✓	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

<<< Select a Laboratory >>>

#N/A

#N/A

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	← see pg 1 →	Name:	
Report To:		Number:	
Email:		P.O. #:	
Address:		Address:	
Phone:		Global ID:	
Fax:		Sampled By:	

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	OCPs (EPA 8081A)	TPH (EPA 8015B)	Metals (EPA 6010B)	Lead (EPA 6010B)	Arsenic (EPA 6010B)				Archive	Test Instructions / Comments
1	HA-24-033-0.5	7/9/24	1209	soil	4oz glass jar	ice	X	X	X							
2	HA-24-033-1.5		1224												X	
3	HA-24-033-2.5		1239				X			X	X					
4	HA-24-033-4		1251												X	
5	HA-24-033-5		1300												X	
6	HA-24-034-0.5		1312				X	X	X							
7	HA-24-034 1.5		1322												X	
8	HA-24-034 2.5		1335				X			X	X					
9			[illegible]													
10			[illegible]													

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		W Tyler Overton	SCS Engineers	7/9/23 14:00
1 Received By:		Chris Montoya	EA SD	7/9/24 1546
2 Relinquished By:		Chris Montoya	EA SD	7/9/24 1713
2 Received By:		N Tapia	EA	7-9-24 1713
3 Relinquished By:		NICOLE	EA	7-9-24 1830
3 Received By:		JELBERT QUINTANA	E.A. - OR	07/09/24 1830

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SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: SCS Engineers Project: Sports Arena

Date Received: 07/09/2024 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 4.8 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 2.5 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✓
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?			✓
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

511777

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: J. Quintanar Date: 07/09/24

[External] - Midway Rising project.

Houser, Chuck <CHouser@scsengineers.com>

Fri 7/19/2024 5:57 PM

To:Taylor Nasu <taylor.nasu@enthalpy.com>
Cc:Overton, Tyler <TOverton@scsengineers.com>;Montague, Luke <LMontague@scsengineers.com>

Taylor,

For our Midway Rising project, please perform the following additional analyses:

Sample ID	Requested Analyses
HA-24-15A-0.5	WET & TCLP for Chlordane
HA-24-15A-2.5	WET & TCLP for Chlordane, Title 22 Metals (EPA 6010B)
HA-24-15A-4	OCPs (EPA 8081A)
HA-24-15A-5	OCPs (EPA 8081A)
HA-24-34-0.5	WET & TCLP for Chlordane
HA-24-34-2.5	WET & TCLP for Chlordane, Title 22 Metals (EPA 6010B)

Chuck Houser, CHg
Project Manager
SCS Engineers
Office 858-571-5500 Ext. 2908

Direct: 858-583-7738
Mobile: 858-805-5523
chouser@scsengineers.com

ENTHALPY ANALYTICAL

Analysis Results for 511777

Chuck Houser
SCS Engineers
8799 Balboa #290
San Diego, CA 92123

Lab Job #: 511777
Project No: MIDWAY RISING
Location: Sports Arena - REVISED REPORT
Date Received: 07/09/24

Sample ID: HA-24-026-0.5 **Lab ID: 511777-001** **Collected: 07/09/24 06:14**
Matrix: Soil

511777-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.96	344752	07/10/24	07/11/24	SBW
Arsenic	**3.9**		mg/Kg	0.96	0.96	344752	07/10/24	07/11/24	SBW
Barium	**54**		mg/Kg	0.96	0.96	344752	07/10/24	07/11/24	SBW
Beryllium	ND		mg/Kg	0.48	0.96	344752	07/10/24	07/11/24	SBW
Cadmium	ND		mg/Kg	0.48	0.96	344752	07/10/24	07/11/24	SBW
Chromium	**14**		mg/Kg	0.96	0.96	344752	07/10/24	07/11/24	SBW
Cobalt	**4.6**		mg/Kg	0.48	0.96	344752	07/10/24	07/11/24	SBW
Copper	**11**		mg/Kg	0.96	0.96	344752	07/10/24	07/11/24	SBW
Lead	**23**		mg/Kg	0.96	0.96	344752	07/10/24	07/11/24	SBW
Molybdenum	ND		mg/Kg	0.96	0.96	344752	07/10/24	07/11/24	SBW
Nickel	**6.6**		mg/Kg	0.96	0.96	344752	07/10/24	07/11/24	SBW
Selenium	ND		mg/Kg	2.9	0.96	344752	07/10/24	07/11/24	SBW
Silver	ND		mg/Kg	0.48	0.96	344752	07/10/24	07/11/24	SBW
Thallium	ND		mg/Kg	2.9	0.96	344752	07/10/24	07/11/24	SBW
Vanadium	**33**		mg/Kg	0.96	0.96	344752	07/10/24	07/11/24	SBW
Zinc	**68**		mg/Kg	4.8	0.96	344752	07/10/24	07/11/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.2	344824	07/11/24	07/11/24	MLL
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	10	1	344821	07/11/24	07/12/24	KMB
TPH (C13-C22)	ND		mg/Kg	10	1	344821	07/11/24	07/12/24	KMB
TPH (C23-C44)	**57**		mg/Kg	20	1	344821	07/11/24	07/12/24	KMB
Surrogates				**Limits**					
n-Triacontane	100%		%REC	70-130	1	344821	07/11/24	07/12/24	KMB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	KLR
beta-BHC	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	KLR
gamma-BHC	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	KLR
delta-BHC	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	KLR
Heptachlor	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	KLR
Aldrin	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	KLR
Endosulfan I	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	KLR
Dieldrin	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	KLR
4,4'-DDE	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	KLR
Endrin	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	KLR
Endosulfan II	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	KLR

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 511777

511777-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	KLR
4,4'-DDD	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	KLR
Endrin aldehyde	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	KLR
Endrin ketone	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	KLR
4,4'-DDT	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	KLR
Methoxychlor	ND		ug/Kg	9.9	0.99	344770	07/10/24	07/12/24	KLR
Toxaphene	ND		ug/Kg	99	0.99	344770	07/10/24	07/12/24	KLR
Chlordane (Technical)	**63**		ug/Kg	50	0.99	344770	07/10/24	07/12/24	KLR
Surrogates				**Limits**					
TCMX	85%		%REC	23-120	0.99	344770	07/10/24	07/12/24	KLR
Decachlorobiphenyl	83%		%REC	24-120	0.99	344770	07/10/24	07/12/24	KLR

Sample ID: HA-24-026-2.5 **Lab ID: 511777-003** **Collected: 07/09/24 06:42**
Matrix: Soil

511777-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**6.8**		mg/Kg	0.99	0.99	344752	07/10/24	07/11/24	SBW
Lead	**8.1**		mg/Kg	0.99	0.99	344752	07/10/24	07/11/24	SBW
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
beta-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
gamma-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
delta-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Heptachlor	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Aldrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan I	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Dieldrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDE	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan II	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDD	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin ketone	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Methoxychlor	ND		ug/Kg	10	1	344770	07/10/24	07/12/24	MES
Toxaphene	ND		ug/Kg	100	1	344770	07/10/24	07/12/24	MES
Chlordane (Technical)	ND		ug/Kg	50	1	344770	07/10/24	07/12/24	MES
Surrogates				**Limits**					
TCMX	87%		%REC	23-120	1	344770	07/10/24	07/12/24	MES
Decachlorobiphenyl	82%		%REC	24-120	1	344770	07/10/24	07/12/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 511777

Sample ID: HA-24-027-0.5	Lab ID: 511777-006	Collected: 07/09/24 07:42
	Matrix: Soil	

511777-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.95	344752	07/10/24	07/11/24	SBW
Arsenic	**23**		mg/Kg	0.95	0.95	344752	07/10/24	07/11/24	SBW
Barium	**130**		mg/Kg	0.95	0.95	344752	07/10/24	07/11/24	SBW
Beryllium	**1.0**		mg/Kg	0.48	0.95	344752	07/10/24	07/11/24	SBW
Cadmium	ND		mg/Kg	0.48	0.95	344752	07/10/24	07/11/24	SBW
Chromium	**9.4**		mg/Kg	0.95	0.95	344752	07/10/24	07/11/24	SBW
Cobalt	**15**		mg/Kg	0.48	0.95	344752	07/10/24	07/11/24	SBW
Copper	**14**		mg/Kg	0.95	0.95	344752	07/10/24	07/11/24	SBW
Lead	**12**		mg/Kg	0.95	0.95	344752	07/10/24	07/11/24	SBW
Molybdenum	**1.8**		mg/Kg	0.95	0.95	344752	07/10/24	07/11/24	SBW
Nickel	**6.4**		mg/Kg	0.95	0.95	344752	07/10/24	07/11/24	SBW
Selenium	ND		mg/Kg	2.9	0.95	344752	07/10/24	07/11/24	SBW
Silver	ND		mg/Kg	0.48	0.95	344752	07/10/24	07/11/24	SBW
Thallium	ND		mg/Kg	2.9	0.95	344752	07/10/24	07/11/24	SBW
Vanadium	**39**		mg/Kg	0.95	0.95	344752	07/10/24	07/11/24	SBW
Zinc	**53**		mg/Kg	4.8	0.95	344752	07/10/24	07/11/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.2	344824	07/11/24	07/11/24	MLL
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	9.9	0.99	344822	07/14/24	07/16/24	KMB
TPH (C13-C22)	ND		mg/Kg	9.9	0.99	344822	07/14/24	07/16/24	KMB
TPH (C23-C44)	ND		mg/Kg	20	0.99	344822	07/14/24	07/16/24	KMB
Surrogates				**Limits**					
n-Triacontane	83%		%REC	70-130	0.99	344822	07/14/24	07/16/24	KMB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
beta-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
gamma-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
delta-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Heptachlor	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Aldrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan I	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Dieldrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDE	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan II	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDD	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin ketone	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES

Results for any subcontracted analyses are not included in this section.

Analysis Results for 511777

511777-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	10	1	344770	07/10/24	07/12/24	MES
Toxaphene	ND		ug/Kg	100	1	344770	07/10/24	07/12/24	MES
Chlordane (Technical)	ND		ug/Kg	50	1	344770	07/10/24	07/12/24	MES
Surrogates				**Limits**					
TCMX	89%		%REC	23-120	1	344770	07/10/24	07/12/24	MES
Decachlorobiphenyl	87%		%REC	24-120	1	344770	07/10/24	07/12/24	MES

Sample ID: HA-24-027-2.5 **Lab ID: 511777-008** **Collected: 07/09/24 08:14**
Matrix: Soil

511777-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**6.5**		mg/Kg	0.98	0.98	344752	07/10/24	07/11/24	SBW
Lead	**5.4**		mg/Kg	0.98	0.98	344752	07/10/24	07/11/24	SBW
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
beta-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
gamma-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
delta-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Heptachlor	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Aldrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan I	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Dieldrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDE	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan II	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDD	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin ketone	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Methoxychlor	ND		ug/Kg	10	1	344770	07/10/24	07/12/24	MES
Toxaphene	ND		ug/Kg	100	1	344770	07/10/24	07/12/24	MES
Chlordane (Technical)	ND		ug/Kg	50	1	344770	07/10/24	07/12/24	MES
Surrogates				**Limits**					
TCMX	90%		%REC	23-120	1	344770	07/10/24	07/12/24	MES
Decachlorobiphenyl	89%		%REC	24-120	1	344770	07/10/24	07/12/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 511777

Sample ID: HA-24-015A-0.5	Lab ID: 511777-009	Collected: 07/09/24 08:39

511777-009 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	3.0	Soil	1	344752	07/10/24	07/11/24	SBW
Arsenic	**6.8**		mg/Kg	1.0	Soil	1	344752	07/10/24	07/11/24	SBW
Barium	**79**		mg/Kg	1.0	Soil	1	344752	07/10/24	07/11/24	SBW
Beryllium	ND		mg/Kg	0.50	Soil	1	344752	07/10/24	07/11/24	SBW
Cadmium	ND		mg/Kg	0.50	Soil	1	344752	07/10/24	07/11/24	SBW
Chromium	**14**		mg/Kg	1.0	Soil	1	344752	07/10/24	07/11/24	SBW
Cobalt	**15**		mg/Kg	0.50	Soil	1	344752	07/10/24	07/11/24	SBW
Copper	**21**		mg/Kg	1.0	Soil	1	344752	07/10/24	07/11/24	SBW
Lead	**10**		mg/Kg	1.0	Soil	1	344752	07/10/24	07/11/24	SBW
Molybdenum	ND		mg/Kg	1.0	Soil	1	344752	07/10/24	07/11/24	SBW
Nickel	**7.0**		mg/Kg	1.0	Soil	1	344752	07/10/24	07/11/24	SBW
Selenium	ND		mg/Kg	3.0	Soil	1	344752	07/10/24	07/11/24	SBW
Silver	ND		mg/Kg	0.50	Soil	1	344752	07/10/24	07/11/24	SBW
Thallium	ND		mg/Kg	3.0	Soil	1	344752	07/10/24	07/11/24	SBW
Vanadium	**32**		mg/Kg	1.0	Soil	1	344752	07/10/24	07/11/24	SBW
Zinc	**40**		mg/Kg	5.0	Soil	1	344752	07/10/24	07/11/24	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	ND		mg/Kg	0.14	Soil	1	344824	07/11/24	07/11/24	MLL
Method: EPA 8015M Prep Method: EPA 3580M										
TPH (C6-C12)	ND		mg/Kg	9.9	Soil	0.99	344822	07/14/24	07/16/24	KMB
TPH (C13-C22)	ND		mg/Kg	9.9	Soil	0.99	344822	07/14/24	07/16/24	KMB
TPH (C23-C44)	**130**		mg/Kg	20	Soil	0.99	344822	07/14/24	07/16/24	KMB
Surrogates				**Limits**						
n-Triacontane	92%		%REC	70-130	Soil	0.99	344822	07/14/24	07/16/24	KMB
Method: EPA 8081A Prep Method: EPA 3510C										
Chlordane (Technical)	ND		ug/L	2.9	WET Leachate	2.9	346325	07/29/24	07/30/24	MES
Surrogates				**Limits**						
TCMX	65%		%REC	14-120	WET Leachate	2.9	346325	07/29/24	07/30/24	MES
Decachlorobiphenyl	99%		%REC	20-120	WET Leachate	2.9	346325	07/29/24	07/30/24	MES
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
beta-BHC	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
gamma-BHC	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
delta-BHC	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Heptachlor	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Aldrin	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Heptachlor epoxide	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Endosulfan I	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Dieldrin	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
4,4'-DDE	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Endrin	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Endosulfan II	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 511777

511777-009 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Endosulfan sulfate	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
4,4'-DDD	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Endrin aldehyde	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Endrin ketone	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
4,4'-DDT	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Methoxychlor	ND		ug/Kg	20	Soil	2	344770	07/10/24	07/12/24	MES
Toxaphene	ND		ug/Kg	200	Soil	2	344770	07/10/24	07/12/24	MES
Chlordane (Technical)	**5,400**		ug/Kg	500	Soil	10	344770	07/10/24	07/15/24	MES
Surrogates				**Limits**						
TCMX	92%		%REC	23-120	Soil	2	344770	07/10/24	07/12/24	MES
Decachlorobiphenyl	88%		%REC	24-120	Soil	2	344770	07/10/24	07/12/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 511777

Sample ID: HA-24-015A-2.5	Lab ID: 511777-011	Collected: 07/09/24 09:15

511777-011 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	2.9	Soil	0.98	344752	07/10/24	07/11/24	SBW
Arsenic	**5.0**		mg/Kg	0.98	Soil	0.98	344752	07/10/24	07/11/24	SBW
Barium	**100**		mg/Kg	0.98	Soil	0.98	344752	07/10/24	07/11/24	SBW
Beryllium	ND		mg/Kg	0.49	Soil	0.98	344752	07/10/24	07/11/24	SBW
Cadmium	ND		mg/Kg	0.49	Soil	0.98	344752	07/10/24	07/11/24	SBW
Chromium	**22**		mg/Kg	0.98	Soil	0.98	344752	07/10/24	07/11/24	SBW
Cobalt	**7.3**		mg/Kg	0.49	Soil	0.98	344752	07/10/24	07/11/24	SBW
Copper	**13**		mg/Kg	0.98	Soil	0.98	344752	07/10/24	07/11/24	SBW
Lead	**8.7**		mg/Kg	0.98	Soil	0.98	344752	07/10/24	07/11/24	SBW
Molybdenum	ND		mg/Kg	0.98	Soil	0.98	344752	07/10/24	07/11/24	SBW
Nickel	**7.6**		mg/Kg	0.98	Soil	0.98	344752	07/10/24	07/11/24	SBW
Selenium	ND		mg/Kg	2.9	Soil	0.98	344752	07/10/24	07/11/24	SBW
Silver	ND		mg/Kg	0.49	Soil	0.98	344752	07/10/24	07/11/24	SBW
Thallium	ND		mg/Kg	2.9	Soil	0.98	344752	07/10/24	07/11/24	SBW
Vanadium	**53**		mg/Kg	0.98	Soil	0.98	344752	07/10/24	07/11/24	SBW
Zinc	**43**		mg/Kg	4.9	Soil	0.98	344752	07/10/24	07/11/24	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	ND		mg/Kg	0.16	Soil	1.2	346010	07/25/24	07/25/24	MLL
Method: EPA 8081A Prep Method: EPA 3510C										
Chlordane (Technical)	**3.1**		ug/L	2.2	WET Leachate	2.2	346325	07/29/24	07/30/24	MES
Surrogates				**Limits**						
TCMX	68%		%REC	14-120	WET Leachate	2.2	346325	07/29/24	07/30/24	MES
Decachlorobiphenyl	94%		%REC	20-120	WET Leachate	2.2	346325	07/29/24	07/30/24	MES
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.0	Soil	1	344770	07/10/24	07/12/24	MES
beta-BHC	ND		ug/Kg	5.0	Soil	1	344770	07/10/24	07/12/24	MES
gamma-BHC	ND		ug/Kg	5.0	Soil	1	344770	07/10/24	07/12/24	MES
delta-BHC	ND		ug/Kg	5.0	Soil	1	344770	07/10/24	07/12/24	MES
Heptachlor	ND		ug/Kg	5.0	Soil	1	344770	07/10/24	07/12/24	MES
Aldrin	ND		ug/Kg	5.0	Soil	1	344770	07/10/24	07/12/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	Soil	1	344770	07/10/24	07/12/24	MES
Endosulfan I	ND		ug/Kg	5.0	Soil	1	344770	07/10/24	07/12/24	MES
Dieldrin	ND		ug/Kg	5.0	Soil	1	344770	07/10/24	07/12/24	MES
4,4'-DDE	ND		ug/Kg	5.0	Soil	1	344770	07/10/24	07/12/24	MES
Endrin	ND		ug/Kg	5.0	Soil	1	344770	07/10/24	07/12/24	MES
Endosulfan II	ND		ug/Kg	5.0	Soil	1	344770	07/10/24	07/12/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	Soil	1	344770	07/10/24	07/12/24	MES
4,4'-DDD	ND		ug/Kg	5.0	Soil	1	344770	07/10/24	07/12/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	Soil	1	344770	07/10/24	07/12/24	MES
Endrin ketone	ND		ug/Kg	5.0	Soil	1	344770	07/10/24	07/12/24	MES
4,4'-DDT	ND		ug/Kg	5.0	Soil	1	344770	07/10/24	07/12/24	MES
Methoxychlor	ND		ug/Kg	10	Soil	1	344770	07/10/24	07/12/24	MES
Toxaphene	ND		ug/Kg	100	Soil	1	344770	07/10/24	07/12/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 511777

511777-011 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Chlordane (Technical)	**2,900**		ug/Kg	250	Soil	5	344770	07/10/24	07/15/24	MES
Surrogates				**Limits**						
TCMX	78%		%REC	23-120	Soil	1	344770	07/10/24	07/12/24	MES
Decachlorobiphenyl	75%		%REC	24-120	Soil	1	344770	07/10/24	07/12/24	MES

Sample ID: HA-24-015A-4 **Lab ID: 511777-012** **Collected: 07/09/24 09:28**
Matrix: Soil

511777-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
beta-BHC	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
gamma-BHC	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
delta-BHC	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Heptachlor	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Aldrin	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Endosulfan I	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Dieldrin	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
4,4'-DDE	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Endrin	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Endosulfan II	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Endosulfan sulfate	ND		ug/Kg	5.3	1	345741	07/23/24	07/23/24	MES
4,4'-DDD	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Endrin ketone	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Methoxychlor	ND		ug/Kg	10	1	345741	07/23/24	07/23/24	MES
Toxaphene	ND		ug/Kg	100	1	345741	07/23/24	07/23/24	MES
Chlordane (Technical)	**4,400**		ug/Kg	1,000	20	345741	07/23/24	07/24/24	MES
Surrogates				**Limits**					
TCMX	97%		%REC	23-120	1	345741	07/23/24	07/23/24	MES
Decachlorobiphenyl	96%		%REC	24-120	1	345741	07/23/24	07/23/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 511777

Sample ID: HA-24-015A-5	Lab ID: 511777-013	Collected: 07/09/24 09:41
	Matrix: Soil	

511777-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
beta-BHC	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
gamma-BHC	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
delta-BHC	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Heptachlor	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Aldrin	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Endosulfan I	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Dieldrin	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
4,4'-DDE	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Endrin	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Endosulfan II	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
4,4'-DDD	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Endrin ketone	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Methoxychlor	ND		ug/Kg	10	1	345741	07/23/24	07/23/24	MES
Toxaphene	ND		ug/Kg	100	1	345741	07/23/24	07/23/24	MES
Chlordane (Technical)	**780**		ug/Kg	100	2	345741	07/23/24	07/24/24	MES
Surrogates				**Limits**					
TCMX	96%		%REC	23-120	1	345741	07/23/24	07/23/24	MES
Decachlorobiphenyl	88%		%REC	24-120	1	345741	07/23/24	07/23/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 511777

Sample ID: HA-24-031-0.5	Lab ID: 511777-014	Collected: 07/09/24 10:06
	Matrix: Soil	

511777-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.96	344752	07/10/24	07/11/24	SBW
Arsenic	**4.1**		mg/Kg	0.96	0.96	344752	07/10/24	07/11/24	SBW
Barium	**120**		mg/Kg	0.96	0.96	344752	07/10/24	07/11/24	SBW
Beryllium	ND		mg/Kg	0.48	0.96	344752	07/10/24	07/11/24	SBW
Cadmium	ND		mg/Kg	0.48	0.96	344752	07/10/24	07/11/24	SBW
Chromium	**25**		mg/Kg	0.96	0.96	344752	07/10/24	07/11/24	SBW
Cobalt	**9.1**		mg/Kg	0.48	0.96	344752	07/10/24	07/11/24	SBW
Copper	**15**		mg/Kg	0.96	0.96	344752	07/10/24	07/11/24	SBW
Lead	**7.8**		mg/Kg	0.96	0.96	344752	07/10/24	07/11/24	SBW
Molybdenum	ND		mg/Kg	0.96	0.96	344752	07/10/24	07/11/24	SBW
Nickel	**8.5**		mg/Kg	0.96	0.96	344752	07/10/24	07/11/24	SBW
Selenium	ND		mg/Kg	2.9	0.96	344752	07/10/24	07/11/24	SBW
Silver	ND		mg/Kg	0.48	0.96	344752	07/10/24	07/11/24	SBW
Thallium	ND		mg/Kg	2.9	0.96	344752	07/10/24	07/11/24	SBW
Vanadium	**62**		mg/Kg	0.96	0.96	344752	07/10/24	07/11/24	SBW
Zinc	**48**		mg/Kg	4.8	0.96	344752	07/10/24	07/11/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	344824	07/11/24	07/11/24	MLL
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	9.9	0.99	344822	07/14/24	07/16/24	KMB
TPH (C13-C22)	ND		mg/Kg	9.9	0.99	344822	07/14/24	07/16/24	KMB
TPH (C23-C44)	ND		mg/Kg	20	0.99	344822	07/14/24	07/16/24	KMB
Surrogates				**Limits**					
n-Triacontane	86%		%REC	70-130	0.99	344822	07/14/24	07/16/24	KMB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
beta-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
gamma-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
delta-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Heptachlor	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Aldrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan I	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Dieldrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDE	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan II	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDD	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin ketone	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 511777

511777-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	10	1	344770	07/10/24	07/12/24	MES
Toxaphene	ND		ug/Kg	100	1	344770	07/10/24	07/12/24	MES
Chlordane (Technical)	**100**		ug/Kg	50	1	344770	07/10/24	07/12/24	MES
Surrogates				**Limits**					
TCMX	81%		%REC	23-120	1	344770	07/10/24	07/12/24	MES
Decachlorobiphenyl	73%		%REC	24-120	1	344770	07/10/24	07/12/24	MES

Sample ID: HA-24-031-2.5 **Lab ID: 511777-016** **Collected: 07/09/24 10:43**
Matrix: Soil

511777-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**4.7**		mg/Kg	0.98	0.98	344752	07/10/24	07/11/24	SBW
Lead	**7.5**		mg/Kg	0.98	0.98	344752	07/10/24	07/11/24	SBW
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
beta-BHC	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
gamma-BHC	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
delta-BHC	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Heptachlor	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Aldrin	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Endosulfan I	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Dieldrin	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
4,4'-DDE	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Endrin	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Endosulfan II	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
4,4'-DDD	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Endrin ketone	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
4,4'-DDT	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Methoxychlor	ND		ug/Kg	9.9	0.99	344770	07/10/24	07/12/24	MES
Toxaphene	ND		ug/Kg	99	0.99	344770	07/10/24	07/12/24	MES
Chlordane (Technical)	ND		ug/Kg	50	0.99	344770	07/10/24	07/12/24	MES
Surrogates				**Limits**					
TCMX	85%		%REC	23-120	0.99	344770	07/10/24	07/12/24	MES
Decachlorobiphenyl	83%		%REC	24-120	0.99	344770	07/10/24	07/12/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 511777

Sample ID: HA-24-032-0.5	Lab ID: 511777-019	Collected: 07/09/24 11:34
	Matrix: Soil	

511777-019 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.97	344752	07/10/24	07/11/24	SBW
Arsenic	**4.6**		mg/Kg	0.97	0.97	344752	07/10/24	07/11/24	SBW
Barium	**100**		mg/Kg	0.97	0.97	344752	07/10/24	07/11/24	SBW
Beryllium	ND		mg/Kg	0.49	0.97	344752	07/10/24	07/11/24	SBW
Cadmium	ND		mg/Kg	0.49	0.97	344752	07/10/24	07/11/24	SBW
Chromium	**22**		mg/Kg	0.97	0.97	344752	07/10/24	07/11/24	SBW
Cobalt	**11**		mg/Kg	0.49	0.97	344752	07/10/24	07/11/24	SBW
Copper	**19**		mg/Kg	0.97	0.97	344752	07/10/24	07/11/24	SBW
Lead	**7.2**		mg/Kg	0.97	0.97	344752	07/10/24	07/11/24	SBW
Molybdenum	ND		mg/Kg	0.97	0.97	344752	07/10/24	07/11/24	SBW
Nickel	**7.9**		mg/Kg	0.97	0.97	344752	07/10/24	07/11/24	SBW
Selenium	ND		mg/Kg	2.9	0.97	344752	07/10/24	07/11/24	SBW
Silver	ND		mg/Kg	0.49	0.97	344752	07/10/24	07/11/24	SBW
Thallium	ND		mg/Kg	2.9	0.97	344752	07/10/24	07/11/24	SBW
Vanadium	**57**		mg/Kg	0.97	0.97	344752	07/10/24	07/11/24	SBW
Zinc	**45**		mg/Kg	4.9	0.97	344752	07/10/24	07/11/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	344824	07/11/24	07/11/24	MLL
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	9.9	0.99	344822	07/14/24	07/15/24	KMB
TPH (C13-C22)	ND		mg/Kg	9.9	0.99	344822	07/14/24	07/15/24	KMB
TPH (C23-C44)	ND		mg/Kg	20	0.99	344822	07/14/24	07/15/24	KMB
Surrogates				**Limits**					
n-Triacontane	87%		%REC	70-130	0.99	344822	07/14/24	07/15/24	KMB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
beta-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
gamma-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
delta-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Heptachlor	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Aldrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan I	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Dieldrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDE	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan II	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDD	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin ketone	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES

Results for any subcontracted analyses are not included in this section.

Analysis Results for 511777

511777-019 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	10	1	344770	07/10/24	07/12/24	MES
Toxaphene	ND		ug/Kg	100	1	344770	07/10/24	07/12/24	MES
Chlordane (Technical)	ND		ug/Kg	50	1	344770	07/10/24	07/12/24	MES
Surrogates				**Limits**					
TCMX	82%		%REC	23-120	1	344770	07/10/24	07/12/24	MES
Decachlorobiphenyl	72%		%REC	24-120	1	344770	07/10/24	07/12/24	MES

Sample ID: HA-24-032-1.5 **Lab ID: 511777-020** **Collected: 07/09/24 11:52**
Matrix: Soil

511777-020 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**3.5**		mg/Kg	1.0	1	344752	07/10/24	07/11/24	SBW
Lead	**4.8**		mg/Kg	1.0	1	344752	07/10/24	07/11/24	SBW
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
beta-BHC	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
gamma-BHC	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
delta-BHC	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Heptachlor	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Aldrin	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Endosulfan I	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Dieldrin	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
4,4'-DDE	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Endrin	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Endosulfan II	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
4,4'-DDD	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Endrin ketone	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
4,4'-DDT	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Methoxychlor	ND		ug/Kg	9.9	0.99	344770	07/10/24	07/12/24	MES
Toxaphene	ND		ug/Kg	99	0.99	344770	07/10/24	07/12/24	MES
Chlordane (Technical)	ND		ug/Kg	50	0.99	344770	07/10/24	07/12/24	MES
Surrogates				**Limits**					
TCMX	88%		%REC	23-120	0.99	344770	07/10/24	07/12/24	MES
Decachlorobiphenyl	86%		%REC	24-120	0.99	344770	07/10/24	07/12/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 511777

Sample ID: HA-24-033-0.5	Lab ID: 511777-021	Collected: 07/09/24 12:09
	Matrix: Soil	

511777-021 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.95	344752	07/10/24	07/11/24	SBW
Arsenic	**1.2**		mg/Kg	0.95	0.95	344752	07/10/24	07/11/24	SBW
Barium	**98**		mg/Kg	0.95	0.95	344752	07/10/24	07/11/24	SBW
Beryllium	ND		mg/Kg	0.48	0.95	344752	07/10/24	07/11/24	SBW
Cadmium	ND		mg/Kg	0.48	0.95	344752	07/10/24	07/11/24	SBW
Chromium	**14**		mg/Kg	0.95	0.95	344752	07/10/24	07/11/24	SBW
Cobalt	**33**		mg/Kg	0.48	0.95	344752	07/10/24	07/11/24	SBW
Copper	**48**		mg/Kg	0.95	0.95	344752	07/10/24	07/11/24	SBW
Lead	**1.6**		mg/Kg	0.95	0.95	344752	07/10/24	07/11/24	SBW
Molybdenum	ND		mg/Kg	0.95	0.95	344752	07/10/24	07/11/24	SBW
Nickel	**6.8**		mg/Kg	0.95	0.95	344752	07/10/24	07/11/24	SBW
Selenium	ND		mg/Kg	2.9	0.95	344752	07/10/24	07/11/24	SBW
Silver	ND		mg/Kg	0.48	0.95	344752	07/10/24	07/11/24	SBW
Thallium	ND		mg/Kg	2.9	0.95	344752	07/10/24	07/11/24	SBW
Vanadium	**66**		mg/Kg	0.95	0.95	344752	07/10/24	07/11/24	SBW
Zinc	**28**		mg/Kg	4.8	0.95	344752	07/10/24	07/11/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.17	1.2	344824	07/11/24	07/11/24	MLL
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	10	1	344822	07/14/24	07/16/24	KMB
TPH (C13-C22)	ND		mg/Kg	10	1	344822	07/14/24	07/16/24	KMB
TPH (C23-C44)	ND		mg/Kg	20	1	344822	07/14/24	07/16/24	KMB
Surrogates				**Limits**					
n-Triacontane	80%		%REC	70-130	1	344822	07/14/24	07/16/24	KMB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
beta-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
gamma-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
delta-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Heptachlor	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Aldrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan I	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Dieldrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDE	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan II	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDD	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin ketone	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES

Results for any subcontracted analyses are not included in this section.

Analysis Results for 511777

511777-021 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	10	1	344770	07/10/24	07/12/24	MES
Toxaphene	ND		ug/Kg	100	1	344770	07/10/24	07/12/24	MES
Chlordane (Technical)	ND		ug/Kg	50	1	344770	07/10/24	07/12/24	MES
Surrogates				**Limits**					
TCMX	85%		%REC	23-120	1	344770	07/10/24	07/12/24	MES
Decachlorobiphenyl	81%		%REC	24-120	1	344770	07/10/24	07/12/24	MES

Sample ID: HA-24-033-2.5 **Lab ID: 511777-023** **Collected: 07/09/24 12:39**
Matrix: Soil

511777-023 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**2.9**		mg/Kg	0.96	0.96	344752	07/10/24	07/11/24	SBW
Lead	**2.4**		mg/Kg	0.96	0.96	344752	07/10/24	07/11/24	SBW
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
beta-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
gamma-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
delta-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Heptachlor	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Aldrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan I	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Dieldrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDE	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan II	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDD	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin ketone	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Methoxychlor	ND		ug/Kg	10	1	344770	07/10/24	07/12/24	MES
Toxaphene	ND		ug/Kg	100	1	344770	07/10/24	07/12/24	MES
Chlordane (Technical)	ND		ug/Kg	50	1	344770	07/10/24	07/12/24	MES
Surrogates				**Limits**					
TCMX	85%		%REC	23-120	1	344770	07/10/24	07/12/24	MES
Decachlorobiphenyl	82%		%REC	24-120	1	344770	07/10/24	07/12/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 511777

Sample ID: HA-24-034-0.5	Lab ID: 511777-026	Collected: 07/09/24 13:12

511777-026 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	3.0	Soil	0.99	344752	07/10/24	07/11/24	SBW
Arsenic	**6.8**		mg/Kg	0.99	Soil	0.99	344752	07/10/24	07/11/24	SBW
Barium	**87**		mg/Kg	0.99	Soil	0.99	344752	07/10/24	07/11/24	SBW
Beryllium	ND		mg/Kg	0.50	Soil	0.99	344752	07/10/24	07/11/24	SBW
Cadmium	ND		mg/Kg	0.50	Soil	0.99	344752	07/10/24	07/11/24	SBW
Chromium	**13**		mg/Kg	0.99	Soil	0.99	344752	07/10/24	07/11/24	SBW
Cobalt	**81**		mg/Kg	0.50	Soil	0.99	344752	07/10/24	07/11/24	SBW
Copper	**47**		mg/Kg	0.99	Soil	0.99	344752	07/10/24	07/11/24	SBW
Lead	**10**		mg/Kg	0.99	Soil	0.99	344752	07/10/24	07/11/24	SBW
Molybdenum	ND		mg/Kg	0.99	Soil	0.99	344752	07/10/24	07/11/24	SBW
Nickel	**7.2**		mg/Kg	0.99	Soil	0.99	344752	07/10/24	07/11/24	SBW
Selenium	ND		mg/Kg	3.0	Soil	0.99	344752	07/10/24	07/11/24	SBW
Silver	**0.71**		mg/Kg	0.50	Soil	0.99	344752	07/10/24	07/11/24	SBW
Thallium	ND		mg/Kg	3.0	Soil	0.99	344752	07/10/24	07/11/24	SBW
Vanadium	**32**		mg/Kg	0.99	Soil	0.99	344752	07/10/24	07/11/24	SBW
Zinc	**58**		mg/Kg	5.0	Soil	0.99	344752	07/10/24	07/11/24	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	ND		mg/Kg	0.16	Soil	1.1	344824	07/11/24	07/11/24	MLL
Method: EPA 8015M Prep Method: EPA 3580M										
TPH (C6-C12)	ND		mg/Kg	10	Soil	1	344822	07/14/24	07/16/24	KMB
TPH (C13-C22)	ND		mg/Kg	10	Soil	1	344822	07/14/24	07/16/24	KMB
TPH (C23-C44)	**110**		mg/Kg	20	Soil	1	344822	07/14/24	07/16/24	KMB
Surrogates				**Limits**						
n-Triacontane	88%		%REC	70-130	Soil	1	344822	07/14/24	07/16/24	KMB
Method: EPA 8081A Prep Method: EPA 3510C										
Chlordane (Technical)	ND		ug/L	2.8	WET Leachate	2.8	346325	07/29/24	07/30/24	MES
Surrogates				**Limits**						
TCMX	72%		%REC	14-120	WET Leachate	2.8	346325	07/29/24	07/30/24	MES
Decachlorobiphenyl	97%		%REC	20-120	WET Leachate	2.8	346325	07/29/24	07/30/24	MES
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
beta-BHC	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
gamma-BHC	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
delta-BHC	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Heptachlor	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Aldrin	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Heptachlor epoxide	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Endosulfan I	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Dieldrin	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
4,4'-DDE	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Endrin	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Endosulfan II	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 511777

511777-026 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Endosulfan sulfate	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
4,4'-DDD	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Endrin aldehyde	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Endrin ketone	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
4,4'-DDT	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Methoxychlor	ND		ug/Kg	20	Soil	2	344770	07/10/24	07/12/24	MES
Toxaphene	ND		ug/Kg	200	Soil	2	344770	07/10/24	07/12/24	MES
Chlordane (Technical)	**7,200**		ug/Kg	500	Soil	10	344770	07/10/24	07/15/24	MES
Surrogates				**Limits**						
TCMX	86%		%REC	23-120	Soil	2	344770	07/10/24	07/12/24	MES
Decachlorobiphenyl	77%		%REC	24-120	Soil	2	344770	07/10/24	07/12/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 511777

Sample ID: HA-24-034-2.5	Lab ID: 511777-028	Collected: 07/09/24 13:35

511777-028 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	2.9	Soil	0.98	344752	07/10/24	07/11/24	SBW
Arsenic	**6.6**		mg/Kg	0.98	Soil	0.98	344752	07/10/24	07/11/24	SBW
Barium	**98**		mg/Kg	0.98	Soil	0.98	344752	07/10/24	07/11/24	SBW
Beryllium	ND		mg/Kg	0.49	Soil	0.98	344752	07/10/24	07/11/24	SBW
Cadmium	ND		mg/Kg	0.49	Soil	0.98	344752	07/10/24	07/11/24	SBW
Chromium	**13**		mg/Kg	0.98	Soil	0.98	344752	07/10/24	07/11/24	SBW
Cobalt	**21**		mg/Kg	0.49	Soil	0.98	344752	07/10/24	07/11/24	SBW
Copper	**25**		mg/Kg	0.98	Soil	0.98	344752	07/10/24	07/11/24	SBW
Lead	**15**		mg/Kg	0.98	Soil	0.98	344752	07/10/24	07/11/24	SBW
Molybdenum	ND		mg/Kg	0.98	Soil	0.98	344752	07/10/24	07/11/24	SBW
Nickel	**7.4**		mg/Kg	0.98	Soil	0.98	344752	07/10/24	07/11/24	SBW
Selenium	ND		mg/Kg	2.9	Soil	0.98	344752	07/10/24	07/11/24	SBW
Silver	ND		mg/Kg	0.49	Soil	0.98	344752	07/10/24	07/11/24	SBW
Thallium	ND		mg/Kg	2.9	Soil	0.98	344752	07/10/24	07/11/24	SBW
Vanadium	**30**		mg/Kg	0.98	Soil	0.98	344752	07/10/24	07/11/24	SBW
Zinc	**39**		mg/Kg	4.9	Soil	0.98	344752	07/10/24	07/11/24	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	ND		mg/Kg	0.17	Soil	1.2	346010	07/25/24	07/25/24	MLL
Method: EPA 8081A Prep Method: EPA 3510C										
Chlordane (Technical)	**2.7**		ug/L	2.6	WET Leachate	2.6	346325	07/29/24	07/30/24	MES
Surrogates				**Limits**						
TCMX	72%		%REC	14-120	WET Leachate	2.6	346325	07/29/24	07/30/24	MES
Decachlorobiphenyl	93%		%REC	20-120	WET Leachate	2.6	346325	07/29/24	07/30/24	MES
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
beta-BHC	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
gamma-BHC	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
delta-BHC	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Heptachlor	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Aldrin	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Heptachlor epoxide	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Endosulfan I	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Dieldrin	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
4,4'-DDE	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Endrin	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Endosulfan II	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Endosulfan sulfate	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
4,4'-DDD	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Endrin aldehyde	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Endrin ketone	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
4,4'-DDT	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Methoxychlor	ND		ug/Kg	20	Soil	2	344770	07/10/24	07/12/24	MES
Toxaphene	ND		ug/Kg	200	Soil	2	344770	07/10/24	07/12/24	MES

Results for any subcontracted analyses are not included in this section.

Analysis Results for 511777

511777-028 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Chlordane (Technical)	**5,800**		ug/Kg	500	Soil	10	344770	07/10/24	07/15/24	MES
Surrogates				**Limits**						
TCMX	96%		%REC	23-120	Soil	2	344770	07/10/24	07/12/24	MES
Decachlorobiphenyl	92%		%REC	24-120	Soil	2	344770	07/10/24	07/12/24	MES

ND Not Detected

Results for any subcontracted analyses are not included in this section.

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Batch QC

Type: Blank	Lab ID: QC1168194	Batch: 344752
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1168194 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	07/10/24	07/11/24
Arsenic	ND		mg/Kg	1.0	07/10/24	07/11/24
Barium	ND		mg/Kg	1.0	07/10/24	07/11/24
Beryllium	ND		mg/Kg	0.50	07/10/24	07/11/24
Cadmium	ND		mg/Kg	0.50	07/10/24	07/11/24
Chromium	ND		mg/Kg	1.0	07/10/24	07/11/24
Cobalt	ND		mg/Kg	0.50	07/10/24	07/11/24
Copper	ND		mg/Kg	1.0	07/10/24	07/11/24
Lead	ND		mg/Kg	1.0	07/10/24	07/11/24
Molybdenum	ND		mg/Kg	1.0	07/10/24	07/11/24
Nickel	ND		mg/Kg	1.0	07/10/24	07/11/24
Selenium	ND		mg/Kg	3.0	07/10/24	07/11/24
Silver	ND		mg/Kg	0.50	07/10/24	07/11/24
Thallium	ND		mg/Kg	3.0	07/10/24	07/11/24
Vanadium	ND		mg/Kg	1.0	07/10/24	07/11/24
Zinc	ND		mg/Kg	5.0	07/10/24	07/11/24

Type: Lab Control Sample	Lab ID: QC1168195	Batch: 344752
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1168195 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	106.4	100.0	mg/Kg	106%		80-120
Arsenic	100.7	100.0	mg/Kg	101%		80-120
Barium	105.8	100.0	mg/Kg	106%		80-120
Beryllium	102.2	100.0	mg/Kg	102%		80-120
Cadmium	102.9	100.0	mg/Kg	103%		80-120
Chromium	104.0	100.0	mg/Kg	104%		80-120
Cobalt	111.7	100.0	mg/Kg	112%		80-120
Copper	102.9	100.0	mg/Kg	103%		80-120
Lead	110.9	100.0	mg/Kg	111%		80-120
Molybdenum	101.5	100.0	mg/Kg	101%		80-120
Nickel	108.6	100.0	mg/Kg	109%		80-120
Selenium	94.62	100.0	mg/Kg	95%		80-120
Silver	50.93	50.00	mg/Kg	102%		80-120
Thallium	111.2	100.0	mg/Kg	111%		80-120
Vanadium	103.5	100.0	mg/Kg	103%		80-120
Zinc	107.2	100.0	mg/Kg	107%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1168196	Batch:	344752
Matrix (Source ID):	Soil (511777-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1168196 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	28.27	ND	96.15	mg/Kg	29%	*	75-125	0.96
Arsenic	66.96	3.933	96.15	mg/Kg	66%	*	75-125	0.96
Barium	118.0	54.23	96.15	mg/Kg	66%	*	75-125	0.96
Beryllium	64.33	0.2143	96.15	mg/Kg	67%	*	75-125	0.96
Cadmium	63.12	0.1064	96.15	mg/Kg	66%	*	75-125	0.96
Chromium	77.45	13.82	96.15	mg/Kg	66%	*	75-125	0.96
Cobalt	71.60	4.582	96.15	mg/Kg	70%	*	75-125	0.96
Copper	76.23	11.15	96.15	mg/Kg	68%	*	75-125	0.96
Lead	82.45	22.57	96.15	mg/Kg	62%	*	75-125	0.96
Molybdenum	61.97	ND	96.15	mg/Kg	64%	*	75-125	0.96
Nickel	70.93	6.570	96.15	mg/Kg	67%	*	75-125	0.96
Selenium	61.44	ND	96.15	mg/Kg	64%	*	75-125	0.96
Silver	31.86	ND	48.08	mg/Kg	66%	*	75-125	0.96
Thallium	67.09	ND	96.15	mg/Kg	70%	*	75-125	0.96
Vanadium	99.48	33.23	96.15	mg/Kg	69%	*	75-125	0.96
Zinc	120.2	67.93	96.15	mg/Kg	54%	*	75-125	0.96

Type:	Matrix Spike Duplicate	Lab ID:	QC1168197	Batch:	344752
Matrix (Source ID):	Soil (511777-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1168197 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	36.32	ND	98.04	mg/Kg	37%	*	75-125	23	41	0.98
Arsenic	102.5	3.933	98.04	mg/Kg	101%		75-125	40*	35	0.98
Barium	175.4	54.23	98.04	mg/Kg	124%		75-125	38*	20	0.98
Beryllium	99.04	0.2143	98.04	mg/Kg	101%		75-125	41*	20	0.98
Cadmium	96.37	0.1064	98.04	mg/Kg	98%		75-125	40*	20	0.98
Chromium	118.5	13.82	98.04	mg/Kg	107%		75-125	40*	20	0.98
Cobalt	109.7	4.582	98.04	mg/Kg	107%		75-125	40*	20	0.98
Copper	117.5	11.15	98.04	mg/Kg	108%		75-125	41*	20	0.98
Lead	123.9	22.57	98.04	mg/Kg	103%		75-125	39*	20	0.98
Molybdenum	93.99	ND	98.04	mg/Kg	96%		75-125	39*	20	0.98
Nickel	108.6	6.570	98.04	mg/Kg	104%		75-125	40*	20	0.98
Selenium	93.46	ND	98.04	mg/Kg	95%		75-125	39*	20	0.98
Silver	49.37	ND	49.02	mg/Kg	101%		75-125	41*	20	0.98
Thallium	102.8	ND	98.04	mg/Kg	105%		75-125	40*	20	0.98
Vanadium	149.6	33.23	98.04	mg/Kg	119%		75-125	39*	20	0.98
Zinc	169.1	67.93	98.04	mg/Kg	103%		75-125	33*	20	0.98

ENTHALPY ANALYTICAL

Batch QC

Type:	Post Digest Spike	Lab ID:	QC1168198	Batch:	344752
Matrix (Source ID):	Soil (511777-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1168198 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	100.1	ND	96.15	mg/Kg	104%		75-125	0.96
Arsenic	100.0	3.933	96.15	mg/Kg	100%		75-125	0.96
Barium	151.1	54.23	96.15	mg/Kg	101%		75-125	0.96
Beryllium	96.41	0.2143	96.15	mg/Kg	100%		75-125	0.96
Cadmium	95.00	0.1064	96.15	mg/Kg	99%		75-125	0.96
Chromium	109.5	13.82	96.15	mg/Kg	100%		75-125	0.96
Cobalt	106.2	4.582	96.15	mg/Kg	106%		75-125	0.96
Copper	110.4	11.15	96.15	mg/Kg	103%		75-125	0.96
Lead	124.2	22.57	96.15	mg/Kg	106%		75-125	0.96
Molybdenum	97.26	ND	96.15	mg/Kg	101%		75-125	0.96
Nickel	105.1	6.570	96.15	mg/Kg	102%		75-125	0.96
Selenium	95.10	ND	96.15	mg/Kg	99%		75-125	0.96
Silver	48.44	ND	48.08	mg/Kg	101%		75-125	0.96
Thallium	102.3	ND	96.15	mg/Kg	106%		75-125	0.96
Vanadium	129.7	33.23	96.15	mg/Kg	100%		75-125	0.96
Zinc	164.1	67.93	96.15	mg/Kg	100%		75-125	0.96

Type:	Blank	Lab ID:	QC1168443	Batch:	344824
Matrix:	Soil	Method:	EPA 7471A	Prep Method:	METHOD

QC1168443 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	07/11/24	07/11/24

Type:	Lab Control Sample	Lab ID:	QC1168444	Batch:	344824
Matrix:	Soil	Method:	EPA 7471A	Prep Method:	METHOD

QC1168444 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8293	0.8333	mg/Kg	100%		80-120

Type:	Matrix Spike	Lab ID:	QC1168445	Batch:	344824
Matrix (Source ID):	Soil (511777-001)	Method:	EPA 7471A	Prep Method:	METHOD

QC1168445 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.8184	ND	0.8475	mg/Kg	97%		75-125	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1168446	Batch:	344824
Matrix (Source ID):	Soil (511777-001)	Method:	EPA 7471A	Prep Method:	METHOD

QC1168446 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	0.8089	ND	0.8621	mg/Kg	94%		75-125	3	20	1

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1172453	Batch: 346010
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1172453 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	07/25/24	07/25/24

Type: Lab Control Sample	Lab ID: QC1172454	Batch: 346010
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1172454 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.9037	0.8333	mg/Kg	108%		80-120

Type: Matrix Spike	Lab ID: QC1172455	Batch: 346010
Matrix (Source ID): Soil (512714-001)	Method: EPA 7471A	Prep Method: METHOD

QC1172455 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	1.078	ND	1.000	mg/Kg	108%		75-125	1.2

Type: Matrix Spike Duplicate	Lab ID: QC1172456	Batch: 346010
Matrix (Source ID): Soil (512714-001)	Method: EPA 7471A	Prep Method: METHOD

QC1172456 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	0.9553	ND	0.8929	mg/Kg	107%		75-125	1	20	1.1

Type: Blank	Lab ID: QC1168433	Batch: 344821
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1168433 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH (C6-C12)	ND		mg/Kg	10	07/11/24	07/11/24
TPH (C13-C22)	ND		mg/Kg	10	07/11/24	07/11/24
TPH (C23-C44)	ND		mg/Kg	20	07/11/24	07/11/24
Surrogates				**Limits**		
n-Triacontane	90%		%REC	70-130	07/11/24	07/11/24

Type: Lab Control Sample	Lab ID: QC1168434	Batch: 344821
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1168434 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	274.0	248.8	mg/Kg	110%		76-122
Surrogates						
n-Triacontane	9.632	9.950	mg/Kg	97%		70-130

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1168435**	**Batch:**	**344821**
Matrix (Source ID):	**Soil (511591-022)**	**Method:**	**EPA 8015M**	**Prep Method:**	**EPA 3580M**

QC1168435 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	301.9	84.11	248.6	mg/Kg	88%		62-126	5
Surrogates								
n-Triacontane	9.015		9.945	mg/Kg	91%		70-130	5

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1168436**	**Batch:**	**344821**
Matrix (Source ID):	**Soil (511591-022)**	**Method:**	**EPA 8015M**	**Prep Method:**	**EPA 3580M**

QC1168436 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	314.4	84.11	247.6	mg/Kg	93%		62-126	4	35	5
Surrogates										
n-Triacontane	9.484		9.906	mg/Kg	96%		70-130			5

Type:	**Blank**	**Lab ID:**	**QC1168437**	**Batch:**	**344822**
Matrix:	**Soil**	**Method:**	**EPA 8015M**	**Prep Method:**	**EPA 3580M**

QC1168437 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH (C6-C12)	ND		mg/Kg	10	07/14/24	07/15/24
TPH (C13-C22)	ND		mg/Kg	10	07/14/24	07/15/24
TPH (C23-C44)	ND		mg/Kg	20	07/14/24	07/15/24
Surrogates				**Limits**		
n-Triacontane	96%		%REC	70-130	07/14/24	07/15/24

Type:	**Lab Control Sample**	**Lab ID:**	**QC1168438**	**Batch:**	**344822**
Matrix:	**Soil**	**Method:**	**EPA 8015M**	**Prep Method:**	**EPA 3580M**

QC1168438 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	246.2	248.8	mg/Kg	99%		76-122
Surrogates						
n-Triacontane	8.481	9.950	mg/Kg	85%		70-130

Type:	**Matrix Spike**	**Lab ID:**	**QC1169292**	**Batch:**	**344822**
Matrix (Source ID):	**Soil (511777-019)**	**Method:**	**EPA 8015M**	**Prep Method:**	**EPA 3580M**

QC1169292 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	243.8	ND	249.8	mg/Kg	98%		62-126	1
Surrogates								
n-Triacontane	8.058		9.990	mg/Kg	81%		70-130	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1169293	Batch:	344822
Matrix (Source ID):	Soil (511777-019)	Method:	EPA 8015M	Prep Method:	EPA 3580M

QC1169293 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	241.2	ND	249.1	mg/Kg	97%		62-126	1	35	1
Surrogates										
n-Triacontane	7.968		9.965	mg/Kg	80%		70-130			1

Type:	Blank	Lab ID:	QC1173491	Batch:	346325
Matrix:	Water	Method:	EPA 8081A	Prep Method:	EPA 3510C

QC1173491 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Chlordane (Technical)	ND		ug/L	1.0	07/29/24	07/30/24
Surrogates				Limits		
TCMX	70%		%REC	14-120	07/29/24	07/30/24
Decachlorobiphenyl	87%		%REC	20-120	07/29/24	07/30/24

Type:	Lab Control Sample	Lab ID:	QC1173492	Batch:	346325
Matrix:	Water	Method:	EPA 8081A	Prep Method:	EPA 3510C

QC1173492 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
4,4'-DDD	0.5129	0.5000	ug/L	103%		53-120
4,4'-DDE	0.4876	0.5000	ug/L	98%	#	55-120
4,4'-DDT	0.4802	0.5000	ug/L	96%	#	58-120
Surrogates						
TCMX	0.3936	0.5000	ug/L	79%		14-120
Decachlorobiphenyl	0.4375	0.5000	ug/L	87%		20-120

Type:	Lab Control Sample Duplicate	Lab ID:	QC1173493	Batch:	346325
Matrix:	Water	Method:	EPA 8081A	Prep Method:	EPA 3510C

QC1173493 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
4,4'-DDD	0.5519	0.5000	ug/L	110%		53-120	7	20
4,4'-DDE	0.5239	0.5000	ug/L	105%	#	55-120	7	20
4,4'-DDT	0.5272	0.5000	ug/L	105%	#	58-120	9	20
Surrogates								
TCMX	0.4145	0.5000	ug/L	83%		14-120		
Decachlorobiphenyl	0.4727	0.5000	ug/L	95%		20-120		

Type:	Blank	Lab ID:	QC1173496	Batch:	346325
Matrix:	WET Leachate	Method:	EPA 8081A	Prep Method:	EPA 3510C

QC1173496 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Chlordane (Technical)	ND		ug/L	2.0	07/29/24	07/30/24
Surrogates				Limits		
TCMX	74%		%REC	14-120	07/29/24	07/30/24
Decachlorobiphenyl	92%		%REC	20-120	07/29/24	07/30/24

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1173497	Batch: 346325
Matrix: WET Leachate	Method: EPA 8081A	Prep Method: EPA 3510C

QC1173497 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Chlordane (Technical)	ND		ug/L	2.0	07/29/24	07/30/24
Surrogates				**Limits**		
TCMX	69%		%REC	14-120	07/29/24	07/30/24
Decachlorobiphenyl	90%		%REC	20-120	07/29/24	07/30/24

Type: Blank	Lab ID: QC1168234	Batch: 344770
Matrix: Soil	Method: EPA 8081A	Prep Method: EPA 3546

QC1168234 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
alpha-BHC	ND		ug/Kg	5.0	07/10/24	07/12/24
beta-BHC	ND		ug/Kg	5.0	07/10/24	07/12/24
gamma-BHC	ND		ug/Kg	5.0	07/10/24	07/12/24
delta-BHC	ND		ug/Kg	5.0	07/10/24	07/12/24
Heptachlor	ND		ug/Kg	5.0	07/10/24	07/12/24
Aldrin	ND		ug/Kg	5.0	07/10/24	07/12/24
Heptachlor epoxide	ND		ug/Kg	5.0	07/10/24	07/12/24
Endosulfan I	ND		ug/Kg	5.0	07/10/24	07/12/24
Dieldrin	ND		ug/Kg	5.0	07/10/24	07/12/24
4,4'-DDE	ND		ug/Kg	5.0	07/10/24	07/12/24
Endrin	ND		ug/Kg	5.0	07/10/24	07/12/24
Endosulfan II	ND		ug/Kg	5.0	07/10/24	07/12/24
Endosulfan sulfate	ND		ug/Kg	5.0	07/10/24	07/12/24
4,4'-DDD	ND		ug/Kg	5.0	07/10/24	07/12/24
Endrin aldehyde	ND		ug/Kg	5.0	07/10/24	07/12/24
Endrin ketone	ND		ug/Kg	5.0	07/10/24	07/12/24
4,4'-DDT	ND		ug/Kg	5.0	07/10/24	07/12/24
Methoxychlor	ND		ug/Kg	10	07/10/24	07/12/24
Toxaphene	ND		ug/Kg	100	07/10/24	07/12/24
Chlordane (Technical)	ND		ug/Kg	50	07/10/24	07/12/24
Surrogates				**Limits**		
TCMX	90%		%REC	23-120	07/10/24	07/12/24
Decachlorobiphenyl	78%		%REC	24-120	07/10/24	07/12/24

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	**Lab ID: QC1168235**	**Batch: 344770**
Matrix: Soil	**Method: EPA 8081A**	**Prep Method: EPA 3546**

QC1168235 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	43.43	50.00	ug/Kg	87%		22-129
beta-BHC	45.99	50.00	ug/Kg	92%		28-125
gamma-BHC	43.86	50.00	ug/Kg	88%		22-128
delta-BHC	42.56	50.00	ug/Kg	85%		24-131
Heptachlor	40.87	50.00	ug/Kg	82%		18-124
Aldrin	42.26	50.00	ug/Kg	85%		23-120
Heptachlor epoxide	40.15	50.00	ug/Kg	80%		26-120
Endosulfan I	41.63	50.00	ug/Kg	83%		25-126
Dieldrin	42.20	50.00	ug/Kg	84%		23-124
4,4'-DDE	44.85	50.00	ug/Kg	90%		28-121
Endrin	42.11	50.00	ug/Kg	84%		25-127
Endosulfan II	43.19	50.00	ug/Kg	86%		29-121
Endosulfan sulfate	36.38	50.00	ug/Kg	73%		30-121
4,4'-DDD	42.50	50.00	ug/Kg	85%		26-120
Endrin aldehyde	35.71	50.00	ug/Kg	71%		10-120
Endrin ketone	42.01	50.00	ug/Kg	84%		28-125
4,4'-DDT	44.91	50.00	ug/Kg	90%		22-125
Methoxychlor	43.10	50.00	ug/Kg	86%		28-130
Surrogates						
TCMX	47.94	50.00	ug/Kg	96%		23-120
Decachlorobiphenyl	49.37	50.00	ug/Kg	99%		24-120

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1168236**	**Batch:**	**344770**
Matrix (Source ID):	**Soil (511777-001)**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3546**

QC1168236 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	43.12	ND	49.50	ug/Kg	87%		46-120	0.99
beta-BHC	45.08	ND	49.50	ug/Kg	91%		41-120	0.99
gamma-BHC	44.27	ND	49.50	ug/Kg	89%		41-120	0.99
delta-BHC	42.22	ND	49.50	ug/Kg	85%		38-123	0.99
Heptachlor	40.77	ND	49.50	ug/Kg	82%		39-120	0.99
Aldrin	42.50	ND	49.50	ug/Kg	86%		34-120	0.99
Heptachlor epoxide	39.97	ND	49.50	ug/Kg	81%		43-120	0.99
Endosulfan I	41.72	ND	49.50	ug/Kg	84%		45-120	0.99
Dieldrin	43.79	ND	49.50	ug/Kg	88%		45-120	0.99
4,4'-DDE	45.16	ND	49.50	ug/Kg	91%		34-120	0.99
Endrin	43.49	ND	49.50	ug/Kg	88%		40-120	0.99
Endosulfan II	44.22	ND	49.50	ug/Kg	89%		41-120	0.99
Endosulfan sulfate	39.37	ND	49.50	ug/Kg	80%		42-120	0.99
4,4'-DDD	44.74	3.452	49.50	ug/Kg	83%		41-120	0.99
Endrin aldehyde	43.67	ND	49.50	ug/Kg	88%		30-120	0.99
Endrin ketone	43.98	ND	49.50	ug/Kg	89%		45-120	0.99
4,4'-DDT	45.00	3.410	49.50	ug/Kg	84%		35-127	0.99
Methoxychlor	43.84	ND	49.50	ug/Kg	89%		42-136	0.99
Surrogates								
TCMX	44.69		49.50	ug/Kg	90%		23-120	0.99
Decachlorobiphenyl	44.52		49.50	ug/Kg	90%		24-120	0.99

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1168237**	**Batch:**	**344770**
Matrix (Source ID):	**Soil (511777-001)**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3546**

QC1168237 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
alpha-BHC	41.62	ND	50.00	ug/Kg	83%		46-120	5	30	1
beta-BHC	44.54	ND	50.00	ug/Kg	89%		41-120	2	30	1
gamma-BHC	43.66	ND	50.00	ug/Kg	87%		41-120	2	30	1
delta-BHC	41.97	ND	50.00	ug/Kg	84%		38-123	2	30	1
Heptachlor	40.42	ND	50.00	ug/Kg	81%		39-120	2	30	1
Aldrin	41.10	ND	50.00	ug/Kg	82%		34-120	4	30	1
Heptachlor epoxide	38.36	ND	50.00	ug/Kg	77%		43-120	5	30	1
Endosulfan I	41.09	ND	50.00	ug/Kg	82%		45-120	3	30	1
Dieldrin	42.61	ND	50.00	ug/Kg	85%		45-120	4	30	1
4,4'-DDE	43.86	ND	50.00	ug/Kg	88%		34-120	4	30	1
Endrin	42.15	ND	50.00	ug/Kg	84%		40-120	4	30	1
Endosulfan II	42.25	ND	50.00	ug/Kg	84%		41-120	6	30	1
Endosulfan sulfate	39.57	ND	50.00	ug/Kg	79%		42-120	0	30	1
4,4'-DDD	43.23	3.452	50.00	ug/Kg	80%		41-120	4	30	1
Endrin aldehyde	42.42	ND	50.00	ug/Kg	85%		30-120	4	30	1
Endrin ketone	42.69	ND	50.00	ug/Kg	85%		45-120	4	30	1
4,4'-DDT	43.06	3.410	50.00	ug/Kg	79%		35-127	5	30	1
Methoxychlor	44.24	ND	50.00	ug/Kg	88%		42-136	0	30	1
Surrogates										
TCMX	44.86		50.00	ug/Kg	90%		23-120			1
Decachlorobiphenyl	43.51		50.00	ug/Kg	87%		24-120			1

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	**Lab ID: QC1171661**	**Batch: 345741**
Matrix: Soil	**Method: EPA 8081A**	**Prep Method: EPA 3546**

QC1171661 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	33.85	50.51	ug/Kg	67%		22-129
beta-BHC	38.18	50.51	ug/Kg	76%		28-125
gamma-BHC	34.32	50.51	ug/Kg	68%		22-128
delta-BHC	36.22	50.51	ug/Kg	72%		24-131
Heptachlor	33.97	50.51	ug/Kg	67%		18-124
Aldrin	29.22	50.51	ug/Kg	58%		23-120
Heptachlor epoxide	36.22	50.51	ug/Kg	72%	#	26-120
Endosulfan I	35.75	50.51	ug/Kg	71%		25-126
Dieldrin	36.20	50.51	ug/Kg	72%		23-124
4,4'-DDE	38.05	50.51	ug/Kg	75%		28-121
Endrin	37.17	50.51	ug/Kg	74%		25-127
Endosulfan II	41.90	50.51	ug/Kg	83%		29-121
Endosulfan sulfate	40.78	50.51	ug/Kg	81%		30-121
4,4'-DDD	39.22	50.51	ug/Kg	78%	#	26-120
Endrin aldehyde	10.04	50.51	ug/Kg	20%		10-120
Endrin ketone	42.81	50.51	ug/Kg	85%		28-125
4,4'-DDT	36.46	50.51	ug/Kg	72%		22-125
Methoxychlor	37.73	50.51	ug/Kg	75%		28-130
Surrogates						
TCMX	31.49	50.51	ug/Kg	62%		23-120
Decachlorobiphenyl	36.56	50.51	ug/Kg	72%		24-120

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1171662**	**Batch:**	**345741**
Matrix (Source ID):	**Soil (512546-001)**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3546**

QC1171662 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	45.22	ND	49.50	ug/Kg	91%		46-120	0.99
beta-BHC	51.91	ND	49.50	ug/Kg	105%		41-120	0.99
gamma-BHC	46.95	ND	49.50	ug/Kg	95%		41-120	0.99
delta-BHC	49.82	ND	49.50	ug/Kg	101%		38-123	0.99
Heptachlor	45.89	ND	49.50	ug/Kg	93%		39-120	0.99
Aldrin	44.22	ND	49.50	ug/Kg	89%		34-120	0.99
Heptachlor epoxide	49.51	ND	49.50	ug/Kg	100%	#	43-120	0.99
Endosulfan I	47.33	ND	49.50	ug/Kg	96%		45-120	0.99
Dieldrin	47.12	ND	49.50	ug/Kg	95%		45-120	0.99
4,4'-DDE	50.02	ND	49.50	ug/Kg	101%		34-120	0.99
Endrin	48.89	ND	49.50	ug/Kg	99%		40-120	0.99
Endosulfan II	48.40	ND	49.50	ug/Kg	98%		41-120	0.99
Endosulfan sulfate	40.54	ND	49.50	ug/Kg	82%		42-120	0.99
4,4'-DDD	48.53	ND	49.50	ug/Kg	98%	#	41-120	0.99
Endrin aldehyde	33.77	ND	49.50	ug/Kg	68%		30-120	0.99
Endrin ketone	48.49	ND	49.50	ug/Kg	98%		45-120	0.99
4,4'-DDT	52.72	ND	49.50	ug/Kg	106%		35-127	0.99
Methoxychlor	49.89	ND	49.50	ug/Kg	101%		42-136	0.99
Surrogates								
TCMX	40.18		49.50	ug/Kg	81%		23-120	0.99
Decachlorobiphenyl	42.06		49.50	ug/Kg	85%		24-120	0.99

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1171663**	**Batch:**	**345741**
Matrix (Source ID):	**Soil (512546-001)**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3546**

QC1171663 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
alpha-BHC	49.44	ND	49.50	ug/Kg	100%		46-120	9	30	0.99
beta-BHC	52.87	ND	49.50	ug/Kg	107%		41-120	2	30	0.99
gamma-BHC	49.82	ND	49.50	ug/Kg	101%		41-120	6	30	0.99
delta-BHC	50.74	ND	49.50	ug/Kg	102%		38-123	2	30	0.99
Heptachlor	48.84	ND	49.50	ug/Kg	99%		39-120	6	30	0.99
Aldrin	46.77	ND	49.50	ug/Kg	94%		34-120	6	30	0.99
Heptachlor epoxide	50.93	ND	49.50	ug/Kg	103%	#	43-120	3	30	0.99
Endosulfan I	48.65	ND	49.50	ug/Kg	98%		45-120	3	30	0.99
Dieldrin	48.18	ND	49.50	ug/Kg	97%		45-120	2	30	0.99
4,4'-DDE	51.16	ND	49.50	ug/Kg	103%		34-120	2	30	0.99
Endrin	49.93	ND	49.50	ug/Kg	101%		40-120	2	30	0.99
Endosulfan II	50.14	ND	49.50	ug/Kg	101%		41-120	4	30	0.99
Endosulfan sulfate	34.92	ND	49.50	ug/Kg	71%		42-120	15	30	0.99
4,4'-DDD	50.35	ND	49.50	ug/Kg	102%	#	41-120	4	30	0.99
Endrin aldehyde	32.72	ND	49.50	ug/Kg	66%		30-120	3	30	0.99
Endrin ketone	49.15	ND	49.50	ug/Kg	99%		45-120	1	30	0.99
4,4'-DDT	54.04	ND	49.50	ug/Kg	109%		35-127	2	30	0.99
Methoxychlor	51.28	ND	49.50	ug/Kg	104%		42-136	3	30	0.99
Surrogates										
TCMX	45.05		49.50	ug/Kg	91%		23-120			0.99
Decachlorobiphenyl	43.35		49.50	ug/Kg	88%		24-120			0.99

\# CCV drift outside limits; average CCV drift within limits per method requirements

* Value is outside QC limits

ND Not Detected

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Sample Summary

Chuck Houser SCS Engineers 8799 Balboa #290 San Diego, CA 92123		Lab Job #: Project No: Location: Date Received:	509012 MIDWAY RISING Sports Arena 05/23/24

Sample ID	Lab ID	Collected	Matrix
SB-UST-24-3-5	509012-001	05/23/24 10:15	Soil
SB-UST-24-3-6.5	509012-002	05/23/24 10:15	Soil
SB-UST-24-3-8	509012-003	05/23/24 10:22	Soil
SB-UST-24-3-9.5	509012-004	05/23/24 10:22	Soil
SB-UST-24-3-10	509012-005	05/23/24 10:30	Soil
SB-UST-24-3-12.5	509012-006	05/23/24 10:30	Soil
SB-UST-24-1-4	509012-007	05/23/24 10:50	Soil
SB-UST-24-1-5.5	509012-008	05/23/24 10:50	Soil
SB-UST-24-1-7	509012-009	05/23/24 10:55	Soil
SB-UST-24-1-8.5	509012-010	05/23/24 10:55	Soil
SB-UST-24-1-9	509012-011	05/23/24 11:00	Soil
SB-UST-24-1-11.5	509012-012	05/23/24 11:00	Soil
SB-UST-24-2-4	509012-013	05/23/24 11:15	Soil
SB-UST-24-2-5.5	509012-014	05/23/24 11:15	Soil
SB-UST-24-2-6.5	509012-015	05/23/24 11:20	Soil
SB-UST-24-2-8	509012-016	05/23/24 11:20	Soil
SB-UST-24-2-10	509012-017	05/23/24 11:25	Soil
SB-UST-24-2-11.5	509012-018	05/23/24 11:25	Soil
SB-UST-24-3-W	509012-019	05/23/24 14:50	Water
SB-UST-24-2-W	509012-020	05/23/24 15:20	Water

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Case Narrative

SCS Engineers 8799 Balboa #290 San Diego, CA 92123 Chuck Houser	Lab Job Number:	509012
	Project No:	MIDWAY RISING
	Location:	Sports Arena
	Date Received:	05/23/24

This data package contains sample and QC results for thirteen soil samples and two water samples, requested for the above referenced project on 05/23/24. The samples were received cold and intact.

TPH-Extractables by GC (EPA 8015B) Water:

- High response was observed for diesel C10-C28 in the CCV analyzed 05/30/24 01:36; affected data was qualified with "b".
- No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B) Soil:

- Low recoveries were observed for a number of analytes in the MSD for batch 341353; the parent sample was not a project sample, and the BS/BSD were within limits. High RPD was observed for trichloroethene in the MS/MSD for batch 341353; the RPD was acceptable in the BS/BSD, and this analyte was not detected at or above the RL in the associated samples.
- Low recoveries were observed for a number of analytes in the MSD for batch 341540; the parent sample was not a project sample, the BS/BSD were within limits, and the associated RPDs were within limits.
- SB-UST-24-1-9 (lab # 509012-011) was diluted due to high hydrocarbons.
- No other analytical problems were encountered.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 509012

Page: 1 of 2

Turn Around Time (rush by advanced notice only)

Standard:	✓	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

<<< Select a Laboratory >>>

#N/A

#N/A

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	SCS Engineers	Name:	Midway Rising
Report To:	Chuck Houser	Number:	01213320.07
Email:	chouser@scsengineers.com	PO #:	01213320.07
Address:	8799 Balboa Ave #290	Address:	Sports Arena Blvd.
	San Diego, CA 92123		San Diego, CA
Phone:	619.458.2799	Global ID:	—
Fax:	—	Sampled By:	Tyler Overton / Chuck Houser

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	TPHext (8015B)	VOCs (8260)	Archive
1	SB-UST-24-3-5	5/23/24	1015	soil	Acetate Sleeve	Ice	X		
2	SB-UST-24-3-6.5		1015				X		
3	SB-UST-24-3-8		1022				X		
4	SB-UST-24-3-9.5		1022				X		
5	SB-UST-24-3-10		1030				X		
6	SB-UST-24-3-12.5		1030				X		
7	SB-UST-24-1-4		10:50						X
8	SB-UST-24-1-5.5		10:50						X
9	SB-UST-24-1-7		10:55				X	X	
10	SB-UST-24-1-8.5	↓	10:55	↓	↓	↓			X

Analysis Request

Test Instructions / Comments

* For SB-UST-24-3, please run the two highest TPH hits for VOCs (8260)

6.3/22 6.0/1.8

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Tyler Overton	SCS Engineers	5/23/24 1545
[1] Received By:		TAYLOR WASH	EASD	5/23/24 1545
[2] Relinquished By:		MICHAEL TANNANGO	EA-SD	5/24/24
[2] Received By:		M CHO	EA	5-24-24 1627
[3] Relinquished By:		NICHO	EA	5-24-24 1752
[3] Received By:		JEFFERY QUINTANA	EA	5/24/24 1752

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 509012

Page: 2 of 2

Turn Around Time (rush by advanced notice only)

Standard:		5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

<<< Select a Laboratory >>>

#N/A

#N/A

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	← See pg 1 →	Name:	
Report To:		Number:	
Email:		P.O. #:	
Address:		Address:	
Phone:		Global ID:	
Fax:		Sampled By:	

#	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	TPHext (8015B)	VOCs (8260)	Archive	Test Instructions / Comments
1	SB-UST-24-1-9	5/23/24	11:00	soil	Acetate sleeve	ice	X	X		6.3/2.2
2	SB-UST-24-1-11.5	↓	11:00	↓	↓	↓	X			
3	SB-UST-24-2-4		1115						X	
4	SB-UST-24-2-5.5		1115				X			
5	SB-UST-24-2-6.5		1120						X	
6	SB-UST-24-2-8		1120				X	X		
7	SB-UST-24-2-10		1125				X	X		
8	SB-UST-24-2-11.5	↓	1125	↓	↓	↓	X			
9	SB-UST-24-3-W	5/23/24	1450	H_2O	Amber jar	↓	X	X		
10	SB-UST-24-2-W	↓	1520	↓	~~[illegible]~~	↓	X	X		

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	[signature]	Wyler Carlson	SCS Engineers	5/23/24 1545
1 Received By:	[signature]	+ plus 6 VOAs per sample	EA-SD	5/23/24 1545
2 Relinquished By:	[signature]	[illegible]	EA-SD	5/24/24
2 Received By:	[signature]	[illegible]	→ 5 VOAs EA	5-24-24 1627
3 Relinquished By:	[signature]	[illegible]	EA	5-24-24 1752
3 Received By:	[signature]	Jelber Quitugua	E.A.	5/24/24 1752

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SAMPLE ACCEPTANCE CHECKLIST

Section 1

JRQ 5/24/24

Client: SCS Engineers

Project: ~~Sports Arena~~ MIDWAY RISING

Date Received: 5/24/24

Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2)

Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 6.0 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 1.8 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✓
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?	✓		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?	✓		
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

SIGNIFICANT HEADSPACE:
SAMPLE -020: ALL VIALS
SAMPLE -019: 5 of 6 VIALS

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☒ Email (email sent to/on): TIN / 5/24/24

Project Manager's response:

Completed By: J. Quintana Date: MAY 24 2024

ENTHALPY ANALYTICAL

Analysis Results for 509012

Chuck Houser
SCS Engineers
8799 Balboa #290
San Diego, CA 92123

Lab Job #: 509012
Project No: MIDWAY RISING
Location: Sports Arena
Date Received: 05/23/24

Sample ID: SB-UST-24-3-5 **Lab ID: 509012-001** **Collected: 05/23/24 10:15**
Matrix: Soil

509012-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	10	1	341256	05/28/24	05/28/24	KMB
TPH (C13-C22)	ND		mg/Kg	10	1	341256	05/28/24	05/28/24	KMB
TPH (C23-C44)	**95**		mg/Kg	20	1	341256	05/28/24	05/28/24	KMB
Surrogates				**Limits**					
n-Triacontane	101%		%REC	70-130	1	341256	05/28/24	05/28/24	KMB

Sample ID: SB-UST-24-3-6.5 **Lab ID: 509012-002** **Collected: 05/23/24 10:15**
Matrix: Soil

509012-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	10	1	341256	05/28/24	05/30/24	KMB
TPH (C13-C22)	ND		mg/Kg	10	1	341256	05/28/24	05/30/24	KMB
TPH (C23-C44)	ND		mg/Kg	20	1	341256	05/28/24	05/30/24	KMB
Surrogates				**Limits**					
n-Triacontane	115%		%REC	70-130	1	341256	05/28/24	05/30/24	KMB

Sample ID: SB-UST-24-3-8 **Lab ID: 509012-003** **Collected: 05/23/24 10:22**
Matrix: Soil

509012-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	10	1	341256	05/28/24	05/28/24	KMB
TPH (C13-C22)	ND		mg/Kg	10	1	341256	05/28/24	05/28/24	KMB
TPH (C23-C44)	ND		mg/Kg	20	1	341256	05/28/24	05/28/24	KMB
Surrogates				**Limits**					
n-Triacontane	106%		%REC	70-130	1	341256	05/28/24	05/28/24	KMB

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 509012

Sample ID: SB-UST-24-3-9.5	Lab ID: 509012-004	Collected: 05/23/24 10:22
	Matrix: Soil	

509012-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	9.9	0.99	341256	05/28/24	05/28/24	KMB
TPH (C13-C22)	ND		mg/Kg	9.9	0.99	341256	05/28/24	05/28/24	KMB
TPH (C23-C44)	ND		mg/Kg	20	0.99	341256	05/28/24	05/28/24	KMB
Surrogates				**Limits**					
n-Triacontane	101%		%REC	70-130	0.99	341256	05/28/24	05/28/24	KMB

Sample ID: SB-UST-24-3-10	Lab ID: 509012-005	Collected: 05/23/24 10:30
	Matrix: Soil	

509012-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	9.9	0.99	341256	05/28/24	05/28/24	KMB
TPH (C13-C22)	ND		mg/Kg	9.9	0.99	341256	05/28/24	05/28/24	KMB
TPH (C23-C44)	**92**		mg/Kg	20	0.99	341256	05/28/24	05/28/24	KMB
Surrogates				**Limits**					
n-Triacontane	105%		%REC	70-130	0.99	341256	05/28/24	05/28/24	KMB

Sample ID: SB-UST-24-3-12.5	Lab ID: 509012-006	Collected: 05/23/24 10:30
	Matrix: Soil	

509012-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	10	1	341256	05/28/24	05/28/24	DIB
TPH (C13-C22)	ND		mg/Kg	10	1	341256	05/28/24	05/28/24	DIB
TPH (C23-C44)	ND		mg/Kg	20	1	341256	05/28/24	05/28/24	DIB
Surrogates				**Limits**					
n-Triacontane	91%		%REC	70-130	1	341256	05/28/24	05/28/24	DIB

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 509012

Sample ID: SB-UST-24-1-7	Lab ID: 509012-009	Collected: 05/23/24 10:55
	Matrix: Soil	

509012-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	**56**		mg/Kg	50	5	341256	05/28/24	05/30/24	KMB
TPH (C13-C22)	**1,900**		mg/Kg	50	5	341256	05/28/24	05/30/24	KMB
TPH (C23-C44)	**130**		mg/Kg	99	5	341256	05/28/24	05/30/24	KMB
Surrogates				**Limits**					
n-Triacontane	116%		%REC	70-130	5	341256	05/28/24	05/30/24	KMB
Method: EPA 8260B Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
Freon 12	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
Chloromethane	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
Vinyl Chloride	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
Bromomethane	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
Chloroethane	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
Trichlorofluoromethane	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
Acetone	ND		ug/Kg	100	1	341540	05/31/24	05/31/24	TCN
Freon 113	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
1,1-Dichloroethene	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
Methylene Chloride	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
MTBE	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
1,1-Dichloroethane	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
2-Butanone	ND		ug/Kg	100	1	341540	05/31/24	05/31/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
2,2-Dichloropropane	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
Chloroform	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
Bromochloromethane	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
1,1-Dichloropropene	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
Carbon Tetrachloride	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
1,2-Dichloroethane	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
Benzene	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
Trichloroethene	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
1,2-Dichloropropane	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
Bromodichloromethane	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
Dibromomethane	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
Toluene	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
1,3-Dichloropropane	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
Tetrachloroethene	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
Dibromochloromethane	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
1,2-Dibromoethane	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
Chlorobenzene	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 509012

509012-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
Ethylbenzene	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
m,p-Xylenes	ND		ug/Kg	10	1	341540	05/31/24	05/31/24	TCN
o-Xylene	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
Styrene	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
Bromoform	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
Isopropylbenzene	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
Propylbenzene	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
Bromobenzene	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
2-Chlorotoluene	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
4-Chlorotoluene	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
tert-Butylbenzene	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
sec-Butylbenzene	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
n-Butylbenzene	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
Hexachlorobutadiene	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
Naphthalene	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
tert-Butyl Alcohol (TBA)	ND		ug/Kg	100	1	341540	05/31/24	05/31/24	TCN
Isopropyl Ether (DIPE)	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
Xylene (total)	ND		ug/Kg	5.0	1	341540	05/31/24	05/31/24	TCN
Surrogates				**Limits**					
Dibromofluoromethane	95%		%REC	70-145	1	341540	05/31/24	05/31/24	TCN
1,2-Dichloroethane-d4	96%		%REC	70-145	1	341540	05/31/24	05/31/24	TCN
Toluene-d8	102%		%REC	70-145	1	341540	05/31/24	05/31/24	TCN
Bromofluorobenzene	118%		%REC	70-145	1	341540	05/31/24	05/31/24	TCN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 509012

Sample ID: SB-UST-24-1-9	Lab ID: 509012-011	Collected: 05/23/24 11:00
	Matrix: Soil	

509012-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	**73**		mg/Kg	10	1	341256	05/28/24	05/28/24	KMB
TPH (C13-C22)	**890**		mg/Kg	10	1	341256	05/28/24	05/28/24	KMB
TPH (C23-C44)	ND		mg/Kg	20	1	341256	05/28/24	05/28/24	KMB
Surrogates				**Limits**					
n-Triacontane	72%		%REC	70-130	1	341256	05/28/24	05/28/24	KMB
Method: EPA 8260B Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
Freon 12	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
Chloromethane	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
Vinyl Chloride	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
Bromomethane	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
Chloroethane	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
Trichlorofluoromethane	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
Acetone	ND		ug/Kg	5,000	50	341353	05/29/24	05/29/24	HMN
Freon 113	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
1,1-Dichloroethene	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
Methylene Chloride	ND		ug/Kg	400	50	341353	05/29/24	05/29/24	HMN
MTBE	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
trans-1,2-Dichloroethene	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
1,1-Dichloroethane	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
2-Butanone	ND		ug/Kg	5,000	50	341353	05/29/24	05/29/24	HMN
cis-1,2-Dichloroethene	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
2,2-Dichloropropane	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
Chloroform	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
Bromochloromethane	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
1,1,1-Trichloroethane	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
1,1-Dichloropropene	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
Carbon Tetrachloride	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
1,2-Dichloroethane	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
Benzene	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
Trichloroethene	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
1,2-Dichloropropane	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
Bromodichloromethane	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
Dibromomethane	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
4-Methyl-2-Pentanone	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
cis-1,3-Dichloropropene	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
Toluene	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
trans-1,3-Dichloropropene	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
1,1,2-Trichloroethane	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
1,3-Dichloropropane	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
Tetrachloroethene	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
Dibromochloromethane	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
1,2-Dibromoethane	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
Chlorobenzene	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 509012

509012-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,1,2-Tetrachloroethane	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
Ethylbenzene	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
m,p-Xylenes	ND		ug/Kg	500	50	341353	05/29/24	05/29/24	HMN
o-Xylene	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
Styrene	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
Bromoform	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
Isopropylbenzene	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
1,2,3-Trichloropropane	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
Propylbenzene	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
Bromobenzene	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
1,3,5-Trimethylbenzene	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
2-Chlorotoluene	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
4-Chlorotoluene	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
tert-Butylbenzene	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
1,2,4-Trimethylbenzene	**330**		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
sec-Butylbenzene	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
para-Isopropyl Toluene	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
1,3-Dichlorobenzene	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
1,4-Dichlorobenzene	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
n-Butylbenzene	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
1,2-Dichlorobenzene	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
1,2,4-Trichlorobenzene	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
Hexachlorobutadiene	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
Naphthalene	**640**		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
1,2,3-Trichlorobenzene	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
tert-Butyl Alcohol (TBA)	ND		ug/Kg	5,000	50	341353	05/29/24	05/29/24	HMN
Isopropyl Ether (DIPE)	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
Xylene (total)	ND		ug/Kg	250	50	341353	05/29/24	05/29/24	HMN
Surrogates				**Limits**					
Dibromofluoromethane	87%		%REC	70-145	50	341353	05/29/24	05/29/24	HMN
1,2-Dichloroethane-d4	93%		%REC	70-145	50	341353	05/29/24	05/29/24	HMN
Toluene-d8	100%		%REC	70-145	50	341353	05/29/24	05/29/24	HMN
Bromofluorobenzene	100%		%REC	70-145	50	341353	05/29/24	05/29/24	HMN

Results for any subcontracted analyses are not included in this section.

Analysis Results for 509012

Sample ID: SB-UST-24-1-11.5	Lab ID: 509012-012	Collected: 05/23/24 11:00
	Matrix: Soil	

509012-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	9.9	0.99	341256	05/28/24	05/30/24	KMB
TPH (C13-C22)	ND		mg/Kg	9.9	0.99	341256	05/28/24	05/30/24	KMB
TPH (C23-C44)	ND		mg/Kg	20	0.99	341256	05/28/24	05/30/24	KMB
Surrogates				**Limits**					
n-Triacontane	118%		%REC	70-130	0.99	341256	05/28/24	05/30/24	KMB

Sample ID: SB-UST-24-2-5.5	Lab ID: 509012-014	Collected: 05/23/24 11:15
	Matrix: Soil	

509012-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	9.9	0.99	341256	05/28/24	05/30/24	KMB
TPH (C13-C22)	ND		mg/Kg	9.9	0.99	341256	05/28/24	05/30/24	KMB
TPH (C23-C44)	ND		mg/Kg	20	0.99	341256	05/28/24	05/30/24	KMB
Surrogates				**Limits**					
n-Triacontane	102%		%REC	70-130	0.99	341256	05/28/24	05/30/24	KMB

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 509012

Sample ID: SB-UST-24-2-8	Lab ID: 509012-016	Collected: 05/23/24 11:20
	Matrix: Soil	

509012-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	9.9	0.99	341256	05/28/24	05/30/24	KMB
TPH (C13-C22)	ND		mg/Kg	9.9	0.99	341256	05/28/24	05/30/24	KMB
TPH (C23-C44)	ND		mg/Kg	20	0.99	341256	05/28/24	05/30/24	KMB
Surrogates				**Limits**					
n-Triacontane	103%		%REC	70-130	0.99	341256	05/28/24	05/30/24	KMB
Method: EPA 8260B Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Freon 12	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Chloromethane	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Vinyl Chloride	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Bromomethane	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Chloroethane	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Trichlorofluoromethane	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Acetone	ND		ug/Kg	100	1	341353	05/29/24	05/29/24	HMN
Freon 113	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
1,1-Dichloroethene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Methylene Chloride	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
MTBE	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
1,1-Dichloroethane	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
2-Butanone	ND		ug/Kg	100	1	341353	05/29/24	05/29/24	HMN
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
2,2-Dichloropropane	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Chloroform	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Bromochloromethane	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
1,1-Dichloropropene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Carbon Tetrachloride	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
1,2-Dichloroethane	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Benzene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Trichloroethene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
1,2-Dichloropropane	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Bromodichloromethane	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Dibromomethane	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Toluene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
1,3-Dichloropropane	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Tetrachloroethene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Dibromochloromethane	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
1,2-Dibromoethane	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Chlorobenzene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 509012

509012-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Ethylbenzene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
m,p-Xylenes	ND		ug/Kg	10	1	341353	05/29/24	05/29/24	HMN
o-Xylene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Styrene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Bromoform	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Isopropylbenzene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Propylbenzene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Bromobenzene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
2-Chlorotoluene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
4-Chlorotoluene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
tert-Butylbenzene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
sec-Butylbenzene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
n-Butylbenzene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Hexachlorobutadiene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Naphthalene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
tert-Butyl Alcohol (TBA)	ND		ug/Kg	100	1	341353	05/29/24	05/29/24	HMN
Isopropyl Ether (DIPE)	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Xylene (total)	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Surrogates				**Limits**					
Dibromofluoromethane	92%		%REC	70-145	1	341353	05/29/24	05/29/24	HMN
1,2-Dichloroethane-d4	93%		%REC	70-145	1	341353	05/29/24	05/29/24	HMN
Toluene-d8	102%		%REC	70-145	1	341353	05/29/24	05/29/24	HMN
Bromofluorobenzene	105%		%REC	70-145	1	341353	05/29/24	05/29/24	HMN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 509012

Sample ID: SB-UST-24-2-10	Lab ID: 509012-017	Collected: 05/23/24 11:25
	Matrix: Soil	

509012-017 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	10	1	341256	05/28/24	05/30/24	KMB
TPH (C13-C22)	ND		mg/Kg	10	1	341256	05/28/24	05/30/24	KMB
TPH (C23-C44)	ND		mg/Kg	20	1	341256	05/28/24	05/30/24	KMB
Surrogates				**Limits**					
n-Triacontane	103%		%REC	70-130	1	341256	05/28/24	05/30/24	KMB
Method: EPA 8260B Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Freon 12	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Chloromethane	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Vinyl Chloride	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Bromomethane	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Chloroethane	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Trichlorofluoromethane	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Acetone	ND		ug/Kg	100	1	341353	05/29/24	05/29/24	HMN
Freon 113	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
1,1-Dichloroethene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Methylene Chloride	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
MTBE	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
1,1-Dichloroethane	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
2-Butanone	ND		ug/Kg	100	1	341353	05/29/24	05/29/24	HMN
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
2,2-Dichloropropane	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Chloroform	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Bromochloromethane	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
1,1-Dichloropropene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Carbon Tetrachloride	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
1,2-Dichloroethane	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Benzene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Trichloroethene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
1,2-Dichloropropane	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Bromodichloromethane	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Dibromomethane	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Toluene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
1,3-Dichloropropane	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Tetrachloroethene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Dibromochloromethane	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
1,2-Dibromoethane	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Chlorobenzene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 509012

509012-017 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Ethylbenzene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
m,p-Xylenes	ND		ug/Kg	10	1	341353	05/29/24	05/29/24	HMN
o-Xylene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Styrene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Bromoform	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Isopropylbenzene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Propylbenzene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Bromobenzene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
2-Chlorotoluene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
4-Chlorotoluene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
tert-Butylbenzene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
sec-Butylbenzene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
n-Butylbenzene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Hexachlorobutadiene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Naphthalene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
tert-Butyl Alcohol (TBA)	ND		ug/Kg	100	1	341353	05/29/24	05/29/24	HMN
Isopropyl Ether (DIPE)	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Xylene (total)	ND		ug/Kg	5.0	1	341353	05/29/24	05/29/24	HMN
Surrogates				**Limits**					
Dibromofluoromethane	95%		%REC	70-145	1	341353	05/29/24	05/29/24	HMN
1,2-Dichloroethane-d4	93%		%REC	70-145	1	341353	05/29/24	05/29/24	HMN
Toluene-d8	98%		%REC	70-145	1	341353	05/29/24	05/29/24	HMN
Bromofluorobenzene	103%		%REC	70-145	1	341353	05/29/24	05/29/24	HMN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 509012

Sample ID: SB-UST-24-2-11.5	Lab ID: 509012-018	Collected: 05/23/24 11:25
	Matrix: Soil	

509012-018 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	9.9	0.99	341256	05/28/24	05/29/24	KMB
TPH (C13-C22)	ND		mg/Kg	9.9	0.99	341256	05/28/24	05/29/24	KMB
TPH (C23-C44)	ND		mg/Kg	20	0.99	341256	05/28/24	05/29/24	KMB
Surrogates				**Limits**					
n-Triacontane	74%		%REC	70-130	0.99	341256	05/28/24	05/29/24	KMB

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 509012

Sample ID: SB-UST-24-3-W	Lab ID: 509012-019	Collected: 05/23/24 14:50
	Matrix: Water	

509012-019 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015B Prep Method: EPA 3510C									
TPH (C6-C12)	ND		mg/L	0.20	2	341267	05/28/24	05/31/24	KMB
TPH (C13-C22)	**1.2**		mg/L	0.20	2	341267	05/28/24	05/31/24	KMB
TPH (C23-C44)	ND		mg/L	0.60	2	341267	05/28/24	05/31/24	KMB
Surrogates				**Limits**					
n-Triacontane	72%		%REC	35-130	2	341267	05/28/24	05/31/24	KMB
Method: EPA 8260B Prep Method: EPA 5030B									
Freon 12	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Chloromethane	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Vinyl Chloride	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Bromomethane	ND		ug/L	1.0	1	341415	05/30/24	05/30/24	HMN
Chloroethane	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Trichlorofluoromethane	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Acetone	ND		ug/L	44	1	341415	05/30/24	05/30/24	HMN
Freon 113	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
1,1-Dichloroethene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Methylene Chloride	ND		ug/L	5.0	1	341415	05/30/24	05/30/24	HMN
MTBE	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
trans-1,2-Dichloroethene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
1,1-Dichloroethane	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
2-Butanone	ND		ug/L	5.0	1	341415	05/30/24	05/30/24	HMN
cis-1,2-Dichloroethene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
2,2-Dichloropropane	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Chloroform	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Bromochloromethane	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
1,1,1-Trichloroethane	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
1,1-Dichloropropene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Carbon Tetrachloride	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
1,2-Dichloroethane	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Benzene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Trichloroethene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
1,2-Dichloropropane	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Bromodichloromethane	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Dibromomethane	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
4-Methyl-2-Pentanone	ND		ug/L	5.0	1	341415	05/30/24	05/30/24	HMN
cis-1,3-Dichloropropene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Toluene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
trans-1,3-Dichloropropene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
1,1,2-Trichloroethane	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
1,3-Dichloropropane	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Tetrachloroethene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Dibromochloromethane	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
1,2-Dibromoethane	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Chlorobenzene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 509012

509012-019 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Ethylbenzene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
m,p-Xylenes	**1.6**		ug/L	1.0	1	341415	05/30/24	05/30/24	HMN
o-Xylene	**0.6**		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Styrene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Bromoform	ND		ug/L	1.0	1	341415	05/30/24	05/30/24	HMN
Propylbenzene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Isopropylbenzene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
1,2,3-Trichloropropane	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Bromobenzene	ND		ug/L	1.0	1	341415	05/30/24	05/30/24	HMN
1,3,5-Trimethylbenzene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
2-Chlorotoluene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
4-Chlorotoluene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
tert-Butylbenzene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
1,2,4-Trimethylbenzene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
sec-Butylbenzene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
para-Isopropyl Toluene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
1,3-Dichlorobenzene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
1,4-Dichlorobenzene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
n-Butylbenzene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
1,2-Dichlorobenzene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	1	341415	05/30/24	05/30/24	HMN
1,2,4-Trichlorobenzene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Hexachlorobutadiene	ND		ug/L	1.0	1	341415	05/30/24	05/30/24	HMN
Naphthalene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
1,2,3-Trichlorobenzene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
cis-1,4-Dichloro-2-butene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
trans-1,4-Dichloro-2-butene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Isopropyl Ether (DIPE)	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
tert-Butyl Alcohol (TBA)	ND		ug/L	10	1	341415	05/30/24	05/30/24	HMN
Methyl tert-Amyl Ether (TAME)	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Xylene (total)	**2.2**		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Surrogates				**Limits**					
Dibromofluoromethane	105%		%REC	70-130	1	341415	05/30/24	05/30/24	HMN
1,2-Dichloroethane-d4	92%		%REC	70-130	1	341415	05/30/24	05/30/24	HMN
Toluene-d8	95%		%REC	70-130	1	341415	05/30/24	05/30/24	HMN
Bromofluorobenzene	108%		%REC	70-130	1	341415	05/30/24	05/30/24	HMN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 509012

Sample ID: SB-UST-24-2-W	Lab ID: 509012-020	Collected: 05/23/24 15:20
	Matrix: Water	

509012-020 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015B Prep Method: EPA 3510C									
TPH (C6-C12)	**0.84**		mg/L	0.69	6.9	341267	05/28/24	05/31/24	KMB
TPH (C13-C22)	**3.4**		mg/L	0.69	6.9	341267	05/28/24	05/31/24	KMB
TPH (C23-C44)	ND		mg/L	2.1	6.9	341267	05/28/24	05/31/24	KMB
Surrogates				**Limits**					
n-Triacontane	75%		%REC	35-130	6.9	341267	05/28/24	05/31/24	KMB
Method: EPA 8260B Prep Method: EPA 5030B									
Freon 12	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Chloromethane	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Vinyl Chloride	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Bromomethane	ND		ug/L	1.0	1	341415	05/30/24	05/30/24	HMN
Chloroethane	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Trichlorofluoromethane	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Acetone	ND		ug/L	44	1	341415	05/30/24	05/30/24	HMN
Freon 113	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
1,1-Dichloroethene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Methylene Chloride	ND		ug/L	5.0	1	341415	05/30/24	05/30/24	HMN
MTBE	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
trans-1,2-Dichloroethene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
1,1-Dichloroethane	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
2-Butanone	ND		ug/L	5.0	1	341415	05/30/24	05/30/24	HMN
cis-1,2-Dichloroethene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
2,2-Dichloropropane	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Chloroform	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Bromochloromethane	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
1,1,1-Trichloroethane	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
1,1-Dichloropropene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Carbon Tetrachloride	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
1,2-Dichloroethane	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Benzene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Trichloroethene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
1,2-Dichloropropane	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Bromodichloromethane	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Dibromomethane	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
4-Methyl-2-Pentanone	ND		ug/L	5.0	1	341415	05/30/24	05/30/24	HMN
cis-1,3-Dichloropropene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Toluene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
trans-1,3-Dichloropropene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
1,1,2-Trichloroethane	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
1,3-Dichloropropane	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Tetrachloroethene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Dibromochloromethane	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
1,2-Dibromoethane	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Chlorobenzene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 509012

509012-020 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Ethylbenzene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
m,p-Xylenes	ND		ug/L	1.0	1	341415	05/30/24	05/30/24	HMN
o-Xylene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Styrene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Bromoform	ND		ug/L	1.0	1	341415	05/30/24	05/30/24	HMN
Propylbenzene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Isopropylbenzene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
1,2,3-Trichloropropane	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Bromobenzene	ND		ug/L	1.0	1	341415	05/30/24	05/30/24	HMN
1,3,5-Trimethylbenzene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
2-Chlorotoluene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
4-Chlorotoluene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
tert-Butylbenzene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
1,2,4-Trimethylbenzene	**0.9**		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
sec-Butylbenzene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
para-Isopropyl Toluene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
1,3-Dichlorobenzene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
1,4-Dichlorobenzene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
n-Butylbenzene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
1,2-Dichlorobenzene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	1	341415	05/30/24	05/30/24	HMN
1,2,4-Trichlorobenzene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Hexachlorobutadiene	ND		ug/L	1.0	1	341415	05/30/24	05/30/24	HMN
Naphthalene	**5.4**		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
1,2,3-Trichlorobenzene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
cis-1,4-Dichloro-2-butene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
trans-1,4-Dichloro-2-butene	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Isopropyl Ether (DIPE)	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
tert-Butyl Alcohol (TBA)	ND		ug/L	10	1	341415	05/30/24	05/30/24	HMN
Methyl tert-Amyl Ether (TAME)	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Xylene (total)	ND		ug/L	0.5	1	341415	05/30/24	05/30/24	HMN
Surrogates				**Limits**					
Dibromofluoromethane	106%		%REC	70-130	1	341415	05/30/24	05/30/24	HMN
1,2-Dichloroethane-d4	93%		%REC	70-130	1	341415	05/30/24	05/30/24	HMN
Toluene-d8	99%		%REC	70-130	1	341415	05/30/24	05/30/24	HMN
Bromofluorobenzene	104%		%REC	70-130	1	341415	05/30/24	05/30/24	HMN

ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1156409	Batch: 341267
Matrix: Water	Method: EPA 8015B	Prep Method: EPA 3510C

QC1156409 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH (C6-C12)	ND		mg/L	0.10	05/28/24	05/29/24
TPH (C13-C22)	ND		mg/L	0.10	05/28/24	05/29/24
TPH (C23-C44)	ND		mg/L	0.30	05/28/24	05/29/24
Surrogates				**Limits**		
n-Triacontane	90%		%REC	35-130	05/28/24	05/29/24

Type: Lab Control Sample	Lab ID: QC1156410	Batch: 341267
Matrix: Water	Method: EPA 8015B	Prep Method: EPA 3510C

QC1156410 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	0.8238	1.000	mg/L	82%	b	42-120
Surrogates						
n-Triacontane	0.01964	0.02000	mg/L	98%		35-130

Type: Lab Control Sample Duplicate	Lab ID: QC1156411	Batch: 341267
Matrix: Water	Method: EPA 8015B	Prep Method: EPA 3510C

QC1156411 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Diesel C10-C28	0.8577	1.000	mg/L	86%	b	42-120	4	36
Surrogates								
n-Triacontane	0.01975	0.02000	mg/L	99%		35-130		

Type: Blank	Lab ID: QC1156370	Batch: 341256
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1156370 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH (C6-C12)	ND		mg/Kg	10	05/28/24	05/28/24
TPH (C13-C22)	ND		mg/Kg	10	05/28/24	05/28/24
TPH (C23-C44)	ND		mg/Kg	20	05/28/24	05/28/24
Surrogates				**Limits**		
n-Triacontane	98%		%REC	70-130	05/28/24	05/28/24

Type: Lab Control Sample	Lab ID: QC1156371	Batch: 341256
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1156371 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	245.3	249.6	mg/Kg	98%		76-122
Surrogates						
n-Triacontane	9.592	9.985	mg/Kg	96%		70-130

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1156372	Batch:	341256
Matrix (Source ID):	Soil (509012-006)	Method:	EPA 8015M	Prep Method:	EPA 3580M

QC1156372 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	206.1	ND	247.8	mg/Kg	83%		62-126	0.99
Surrogates								
n-Triacontane	8.243		9.911	mg/Kg	83%		70-130	0.99

Type:	Matrix Spike Duplicate	Lab ID:	QC1156373	Batch:	341256
Matrix (Source ID):	Soil (509012-006)	Method:	EPA 8015M	Prep Method:	EPA 3580M

QC1156373 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	254.6	ND	249.1	mg/Kg	102%		62-126	21	35	1
Surrogates										
n-Triacontane	9.977		9.965	mg/Kg	100%		70-130			1

Type:	Lab Control Sample	Lab ID:	QC1156901	Batch:	341415
Matrix:	Water	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1156901 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	40.07	50.00	ug/L	80%		70-135
MTBE	43.37	50.00	ug/L	87%		70-130
Benzene	48.12	50.00	ug/L	96%		70-130
Trichloroethene	51.04	50.00	ug/L	102%		70-130
Toluene	49.40	50.00	ug/L	99%		70-130
Chlorobenzene	48.77	50.00	ug/L	98%		70-130
Surrogates						
Dibromofluoromethane	50.78	50.00	ug/L	102%		70-130
1,2-Dichloroethane-d4	45.39	50.00	ug/L	91%		70-130
Toluene-d8	49.57	50.00	ug/L	99%		70-130
Bromofluorobenzene	52.87	50.00	ug/L	106%		70-130

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1156903	Batch:	341415
Matrix (Source ID):	Water (508821-003)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1156903 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	38.67	ND	50.00	ug/L	77%		70-130	1
MTBE	41.93	ND	50.00	ug/L	84%		75-130	1
Benzene	46.08	ND	50.00	ug/L	92%		70-130	1
Trichloroethene	47.35	ND	50.00	ug/L	95%		63-130	1
Toluene	44.61	ND	50.00	ug/L	89%		70-130	1
Chlorobenzene	46.38	ND	50.00	ug/L	93%		70-130	1
Surrogates								
Dibromofluoromethane	51.51		50.00	ug/L	103%		70-130	1
1,2-Dichloroethane-d4	45.68		50.00	ug/L	91%		70-130	1
Toluene-d8	48.30		50.00	ug/L	97%		70-130	1
Bromofluorobenzene	53.32		50.00	ug/L	107%		70-130	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1156904	Batch:	341415
Matrix (Source ID):	Water (508821-003)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1156904 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	38.43	ND	50.00	ug/L	77%		70-130	1	30	1
MTBE	40.81	ND	50.00	ug/L	82%		75-130	3	30	1
Benzene	45.96	ND	50.00	ug/L	92%		70-130	0	30	1
Trichloroethene	49.98	ND	50.00	ug/L	100%		63-130	5	30	1
Toluene	46.96	ND	50.00	ug/L	94%		70-130	5	30	1
Chlorobenzene	47.05	ND	50.00	ug/L	94%		70-130	1	30	1
Surrogates										
Dibromofluoromethane	50.68		50.00	ug/L	101%		70-130			1
1,2-Dichloroethane-d4	44.11		50.00	ug/L	88%		70-130			1
Toluene-d8	49.51		50.00	ug/L	99%		70-130			1
Bromofluorobenzene	52.13		50.00	ug/L	104%		70-130			1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1156905**	**Batch:**	**341415**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1156905 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Freon 12	ND		ug/L	0.5	05/30/24	05/30/24
Chloromethane	ND		ug/L	0.5	05/30/24	05/30/24
Vinyl Chloride	ND		ug/L	0.5	05/30/24	05/30/24
Bromomethane	ND		ug/L	1.0	05/30/24	05/30/24
Chloroethane	ND		ug/L	0.5	05/30/24	05/30/24
Trichlorofluoromethane	ND		ug/L	0.5	05/30/24	05/30/24
Acetone	ND		ug/L	44	05/30/24	05/30/24
Freon 113	ND		ug/L	0.5	05/30/24	05/30/24
1,1-Dichloroethene	ND		ug/L	0.5	05/30/24	05/30/24
Methylene Chloride	ND		ug/L	5.0	05/30/24	05/30/24
MTBE	ND		ug/L	0.5	05/30/24	05/30/24
trans-1,2-Dichloroethene	ND		ug/L	0.5	05/30/24	05/30/24
1,1-Dichloroethane	ND		ug/L	0.5	05/30/24	05/30/24
2-Butanone	ND		ug/L	5.0	05/30/24	05/30/24
cis-1,2-Dichloroethene	ND		ug/L	0.5	05/30/24	05/30/24
2,2-Dichloropropane	ND		ug/L	0.5	05/30/24	05/30/24
Chloroform	ND		ug/L	0.5	05/30/24	05/30/24
Bromochloromethane	ND		ug/L	0.5	05/30/24	05/30/24
1,1,1-Trichloroethane	ND		ug/L	0.5	05/30/24	05/30/24
1,1-Dichloropropene	ND		ug/L	0.5	05/30/24	05/30/24
Carbon Tetrachloride	ND		ug/L	0.5	05/30/24	05/30/24
1,2-Dichloroethane	ND		ug/L	0.5	05/30/24	05/30/24
Benzene	ND		ug/L	0.5	05/30/24	05/30/24
Trichloroethene	ND		ug/L	0.5	05/30/24	05/30/24
1,2-Dichloropropane	ND		ug/L	0.5	05/30/24	05/30/24
Bromodichloromethane	ND		ug/L	0.5	05/30/24	05/30/24
Dibromomethane	ND		ug/L	0.5	05/30/24	05/30/24
4-Methyl-2-Pentanone	ND		ug/L	5.0	05/30/24	05/30/24
cis-1,3-Dichloropropene	ND		ug/L	0.5	05/30/24	05/30/24
Toluene	ND		ug/L	0.5	05/30/24	05/30/24
trans-1,3-Dichloropropene	ND		ug/L	0.5	05/30/24	05/30/24
1,1,2-Trichloroethane	ND		ug/L	0.5	05/30/24	05/30/24
1,3-Dichloropropane	ND		ug/L	0.5	05/30/24	05/30/24
Tetrachloroethene	ND		ug/L	0.5	05/30/24	05/30/24
Dibromochloromethane	ND		ug/L	0.5	05/30/24	05/30/24
1,2-Dibromoethane	ND		ug/L	0.5	05/30/24	05/30/24
Chlorobenzene	ND		ug/L	0.5	05/30/24	05/30/24
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	05/30/24	05/30/24
Ethylbenzene	ND		ug/L	0.5	05/30/24	05/30/24
m,p-Xylenes	ND		ug/L	1.0	05/30/24	05/30/24
o-Xylene	ND		ug/L	0.5	05/30/24	05/30/24
Styrene	ND		ug/L	0.5	05/30/24	05/30/24
Bromoform	ND		ug/L	1.0	05/30/24	05/30/24
Propylbenzene	ND		ug/L	0.5	05/30/24	05/30/24
Isopropylbenzene	ND		ug/L	0.5	05/30/24	05/30/24
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	05/30/24	05/30/24
1,2,3-Trichloropropane	ND		ug/L	0.5	05/30/24	05/30/24

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Batch QC

QC1156905 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Bromobenzene	ND		ug/L	1.0	05/30/24	05/30/24
1,3,5-Trimethylbenzene	ND		ug/L	0.5	05/30/24	05/30/24
2-Chlorotoluene	ND		ug/L	0.5	05/30/24	05/30/24
4-Chlorotoluene	ND		ug/L	0.5	05/30/24	05/30/24
tert-Butylbenzene	ND		ug/L	0.5	05/30/24	05/30/24
1,2,4-Trimethylbenzene	ND		ug/L	0.5	05/30/24	05/30/24
sec-Butylbenzene	ND		ug/L	0.5	05/30/24	05/30/24
para-Isopropyl Toluene	ND		ug/L	0.5	05/30/24	05/30/24
1,3-Dichlorobenzene	ND		ug/L	0.5	05/30/24	05/30/24
1,4-Dichlorobenzene	ND		ug/L	0.5	05/30/24	05/30/24
n-Butylbenzene	ND		ug/L	0.5	05/30/24	05/30/24
1,2-Dichlorobenzene	ND		ug/L	0.5	05/30/24	05/30/24
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	05/30/24	05/30/24
1,2,4-Trichlorobenzene	ND		ug/L	0.5	05/30/24	05/30/24
Hexachlorobutadiene	ND		ug/L	1.0	05/30/24	05/30/24
Naphthalene	ND		ug/L	0.5	05/30/24	05/30/24
1,2,3-Trichlorobenzene	ND		ug/L	0.5	05/30/24	05/30/24
cis-1,4-Dichloro-2-butene	ND		ug/L	0.5	05/30/24	05/30/24
trans-1,4-Dichloro-2-butene	ND		ug/L	0.5	05/30/24	05/30/24
Isopropyl Ether (DIPE)	ND		ug/L	0.5	05/30/24	05/30/24
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	0.5	05/30/24	05/30/24
tert-Butyl Alcohol (TBA)	ND		ug/L	10	05/30/24	05/30/24
Methyl tert-Amyl Ether (TAME)	ND		ug/L	0.5	05/30/24	05/30/24
Xylene (total)	ND		ug/L	0.5	05/30/24	05/30/24
Surrogates				**Limits**		
Dibromofluoromethane	101%		%REC	70-130	05/30/24	05/30/24
1,2-Dichloroethane-d4	90%		%REC	70-130	05/30/24	05/30/24
Toluene-d8	101%		%REC	70-130	05/30/24	05/30/24
Bromofluorobenzene	108%		%REC	70-130	05/30/24	05/30/24

Type: Lab Control Sample **Lab ID:** QC1156658 **Batch:** 341353
Matrix: Soil **Method:** EPA 8260B **Prep Method:** EPA 5030B

QC1156658 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	48.43	50.00	ug/Kg	97%		70-131
MTBE	41.98	50.00	ug/Kg	84%		69-130
Benzene	46.86	50.00	ug/Kg	94%		70-130
Trichloroethene	44.38	50.00	ug/Kg	89%		70-130
Toluene	43.44	50.00	ug/Kg	87%		70-130
Chlorobenzene	45.11	50.00	ug/Kg	90%		70-130
Surrogates						
Dibromofluoromethane	50.53	50.00	ug/Kg	101%		70-130
1,2-Dichloroethane-d4	48.59	50.00	ug/Kg	97%		70-145
Toluene-d8	49.12	50.00	ug/Kg	98%		70-145
Bromofluorobenzene	51.01	50.00	ug/Kg	102%		70-145

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Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1156659**	**Batch:**	**341353**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1156659 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	47.43	50.00	ug/Kg	95%		70-131	2	33
MTBE	40.13	50.00	ug/Kg	80%		69-130	5	30
Benzene	46.00	50.00	ug/Kg	92%		70-130	2	30
Trichloroethene	42.78	50.00	ug/Kg	86%		70-130	4	30
Toluene	43.10	50.00	ug/Kg	86%		70-130	1	30
Chlorobenzene	44.06	50.00	ug/Kg	88%		70-130	2	30
Surrogates								
Dibromofluoromethane	48.94	50.00	ug/Kg	98%		70-130		
1,2-Dichloroethane-d4	49.88	50.00	ug/Kg	100%		70-145		
Toluene-d8	49.63	50.00	ug/Kg	99%		70-145		
Bromofluorobenzene	50.67	50.00	ug/Kg	101%		70-145		

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1156662**	**Batch:**	**341353**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1156662 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	05/29/24	05/29/24
Freon 12	ND		ug/Kg	5.0	05/29/24	05/29/24
Chloromethane	ND		ug/Kg	5.0	05/29/24	05/29/24
Vinyl Chloride	ND		ug/Kg	5.0	05/29/24	05/29/24
Bromomethane	ND		ug/Kg	5.0	05/29/24	05/29/24
Chloroethane	ND		ug/Kg	5.0	05/29/24	05/29/24
Trichlorofluoromethane	ND		ug/Kg	5.0	05/29/24	05/29/24
Acetone	ND		ug/Kg	100	05/29/24	05/29/24
Freon 113	ND		ug/Kg	5.0	05/29/24	05/29/24
1,1-Dichloroethene	ND		ug/Kg	5.0	05/29/24	05/29/24
Methylene Chloride	ND		ug/Kg	5.0	05/29/24	05/29/24
MTBE	ND		ug/Kg	5.0	05/29/24	05/29/24
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	05/29/24	05/29/24
1,1-Dichloroethane	ND		ug/Kg	5.0	05/29/24	05/29/24
2-Butanone	ND		ug/Kg	100	05/29/24	05/29/24
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	05/29/24	05/29/24
2,2-Dichloropropane	ND		ug/Kg	5.0	05/29/24	05/29/24
Chloroform	ND		ug/Kg	5.0	05/29/24	05/29/24
Bromochloromethane	ND		ug/Kg	5.0	05/29/24	05/29/24
1,1,1-Trichloroethane	ND		ug/Kg	5.0	05/29/24	05/29/24
1,1-Dichloropropene	ND		ug/Kg	5.0	05/29/24	05/29/24
Carbon Tetrachloride	ND		ug/Kg	5.0	05/29/24	05/29/24
1,2-Dichloroethane	ND		ug/Kg	5.0	05/29/24	05/29/24
Benzene	ND		ug/Kg	5.0	05/29/24	05/29/24
Trichloroethene	ND		ug/Kg	5.0	05/29/24	05/29/24
1,2-Dichloropropane	ND		ug/Kg	5.0	05/29/24	05/29/24
Bromodichloromethane	ND		ug/Kg	5.0	05/29/24	05/29/24
Dibromomethane	ND		ug/Kg	5.0	05/29/24	05/29/24
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	05/29/24	05/29/24
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	05/29/24	05/29/24
Toluene	ND		ug/Kg	5.0	05/29/24	05/29/24
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	05/29/24	05/29/24
1,1,2-Trichloroethane	ND		ug/Kg	5.0	05/29/24	05/29/24
1,3-Dichloropropane	ND		ug/Kg	5.0	05/29/24	05/29/24
Tetrachloroethene	ND		ug/Kg	5.0	05/29/24	05/29/24
Dibromochloromethane	ND		ug/Kg	5.0	05/29/24	05/29/24
1,2-Dibromoethane	ND		ug/Kg	5.0	05/29/24	05/29/24
Chlorobenzene	ND		ug/Kg	5.0	05/29/24	05/29/24
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	05/29/24	05/29/24
Ethylbenzene	ND		ug/Kg	5.0	05/29/24	05/29/24
m,p-Xylenes	ND		ug/Kg	10	05/29/24	05/29/24
o-Xylene	ND		ug/Kg	5.0	05/29/24	05/29/24
Styrene	ND		ug/Kg	5.0	05/29/24	05/29/24
Bromoform	ND		ug/Kg	5.0	05/29/24	05/29/24
Isopropylbenzene	ND		ug/Kg	5.0	05/29/24	05/29/24
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	05/29/24	05/29/24
1,2,3-Trichloropropane	ND		ug/Kg	5.0	05/29/24	05/29/24

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Batch QC

QC1156662 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Propylbenzene	ND		ug/Kg	5.0	05/29/24	05/29/24
Bromobenzene	ND		ug/Kg	5.0	05/29/24	05/29/24
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	05/29/24	05/29/24
2-Chlorotoluene	ND		ug/Kg	5.0	05/29/24	05/29/24
4-Chlorotoluene	ND		ug/Kg	5.0	05/29/24	05/29/24
tert-Butylbenzene	ND		ug/Kg	5.0	05/29/24	05/29/24
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	05/29/24	05/29/24
sec-Butylbenzene	ND		ug/Kg	5.0	05/29/24	05/29/24
para-Isopropyl Toluene	ND		ug/Kg	5.0	05/29/24	05/29/24
1,3-Dichlorobenzene	ND		ug/Kg	5.0	05/29/24	05/29/24
1,4-Dichlorobenzene	ND		ug/Kg	5.0	05/29/24	05/29/24
n-Butylbenzene	ND		ug/Kg	5.0	05/29/24	05/29/24
1,2-Dichlorobenzene	ND		ug/Kg	5.0	05/29/24	05/29/24
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	05/29/24	05/29/24
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	05/29/24	05/29/24
Hexachlorobutadiene	ND		ug/Kg	5.0	05/29/24	05/29/24
Naphthalene	ND		ug/Kg	5.0	05/29/24	05/29/24
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	05/29/24	05/29/24
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	05/29/24	05/29/24
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	05/29/24	05/29/24
tert-Butyl Alcohol (TBA)	ND		ug/Kg	100	05/29/24	05/29/24
Isopropyl Ether (DIPE)	ND		ug/Kg	5.0	05/29/24	05/29/24
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.0	05/29/24	05/29/24
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	5.0	05/29/24	05/29/24
Xylene (total)	ND		ug/Kg	5.0	05/29/24	05/29/24
Surrogates				**Limits**		
Dibromofluoromethane	92%		%REC	70-130	05/29/24	05/29/24
1,2-Dichloroethane-d4	92%		%REC	70-145	05/29/24	05/29/24
Toluene-d8	97%		%REC	70-145	05/29/24	05/29/24
Bromofluorobenzene	102%		%REC	70-145	05/29/24	05/29/24

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1156663	Batch: 341353
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1156663 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	250	05/29/24	05/29/24
Freon 12	ND		ug/Kg	250	05/29/24	05/29/24
Chloromethane	ND		ug/Kg	250	05/29/24	05/29/24
Vinyl Chloride	ND		ug/Kg	250	05/29/24	05/29/24
Bromomethane	ND		ug/Kg	250	05/29/24	05/29/24
Chloroethane	ND		ug/Kg	250	05/29/24	05/29/24
Trichlorofluoromethane	ND		ug/Kg	250	05/29/24	05/29/24
Acetone	ND		ug/Kg	5,000	05/29/24	05/29/24
Freon 113	ND		ug/Kg	250	05/29/24	05/29/24
1,1-Dichloroethene	ND		ug/Kg	250	05/29/24	05/29/24
Methylene Chloride	ND		ug/Kg	400	05/29/24	05/29/24
MTBE	ND		ug/Kg	250	05/29/24	05/29/24
trans-1,2-Dichloroethene	ND		ug/Kg	250	05/29/24	05/29/24
1,1-Dichloroethane	ND		ug/Kg	250	05/29/24	05/29/24
2-Butanone	ND		ug/Kg	5,000	05/29/24	05/29/24
cis-1,2-Dichloroethene	ND		ug/Kg	250	05/29/24	05/29/24
2,2-Dichloropropane	ND		ug/Kg	250	05/29/24	05/29/24
Chloroform	ND		ug/Kg	250	05/29/24	05/29/24
Bromochloromethane	ND		ug/Kg	250	05/29/24	05/29/24
1,1,1-Trichloroethane	ND		ug/Kg	250	05/29/24	05/29/24
1,1-Dichloropropene	ND		ug/Kg	250	05/29/24	05/29/24
Carbon Tetrachloride	ND		ug/Kg	250	05/29/24	05/29/24
1,2-Dichloroethane	ND		ug/Kg	250	05/29/24	05/29/24
Benzene	ND		ug/Kg	250	05/29/24	05/29/24
Trichloroethene	ND		ug/Kg	250	05/29/24	05/29/24
1,2-Dichloropropane	ND		ug/Kg	250	05/29/24	05/29/24
Bromodichloromethane	ND		ug/Kg	250	05/29/24	05/29/24
Dibromomethane	ND		ug/Kg	250	05/29/24	05/29/24
4-Methyl-2-Pentanone	ND		ug/Kg	250	05/29/24	05/29/24
cis-1,3-Dichloropropene	ND		ug/Kg	250	05/29/24	05/29/24
Toluene	ND		ug/Kg	250	05/29/24	05/29/24
trans-1,3-Dichloropropene	ND		ug/Kg	250	05/29/24	05/29/24
1,1,2-Trichloroethane	ND		ug/Kg	250	05/29/24	05/29/24
1,3-Dichloropropane	ND		ug/Kg	250	05/29/24	05/29/24
Tetrachloroethene	ND		ug/Kg	250	05/29/24	05/29/24
Dibromochloromethane	ND		ug/Kg	250	05/29/24	05/29/24
1,2-Dibromoethane	ND		ug/Kg	250	05/29/24	05/29/24
Chlorobenzene	ND		ug/Kg	250	05/29/24	05/29/24
1,1,1,2-Tetrachloroethane	ND		ug/Kg	250	05/29/24	05/29/24
Ethylbenzene	ND		ug/Kg	250	05/29/24	05/29/24
m,p-Xylenes	ND		ug/Kg	500	05/29/24	05/29/24
o-Xylene	ND		ug/Kg	250	05/29/24	05/29/24
Styrene	ND		ug/Kg	250	05/29/24	05/29/24
Bromoform	ND		ug/Kg	250	05/29/24	05/29/24
Isopropylbenzene	ND		ug/Kg	250	05/29/24	05/29/24
1,1,2,2-Tetrachloroethane	ND		ug/Kg	250	05/29/24	05/29/24
1,2,3-Trichloropropane	ND		ug/Kg	250	05/29/24	05/29/24

ENTHALPY ANALYTICAL

Batch QC

QC1156663 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Propylbenzene	ND		ug/Kg	250	05/29/24	05/29/24
Bromobenzene	ND		ug/Kg	250	05/29/24	05/29/24
1,3,5-Trimethylbenzene	ND		ug/Kg	250	05/29/24	05/29/24
2-Chlorotoluene	ND		ug/Kg	250	05/29/24	05/29/24
4-Chlorotoluene	ND		ug/Kg	250	05/29/24	05/29/24
tert-Butylbenzene	ND		ug/Kg	250	05/29/24	05/29/24
1,2,4-Trimethylbenzene	ND		ug/Kg	250	05/29/24	05/29/24
sec-Butylbenzene	ND		ug/Kg	250	05/29/24	05/29/24
para-Isopropyl Toluene	ND		ug/Kg	250	05/29/24	05/29/24
1,3-Dichlorobenzene	ND		ug/Kg	250	05/29/24	05/29/24
1,4-Dichlorobenzene	ND		ug/Kg	250	05/29/24	05/29/24
n-Butylbenzene	ND		ug/Kg	250	05/29/24	05/29/24
1,2-Dichlorobenzene	ND		ug/Kg	250	05/29/24	05/29/24
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	250	05/29/24	05/29/24
1,2,4-Trichlorobenzene	ND		ug/Kg	250	05/29/24	05/29/24
Hexachlorobutadiene	ND		ug/Kg	250	05/29/24	05/29/24
Naphthalene	ND		ug/Kg	250	05/29/24	05/29/24
1,2,3-Trichlorobenzene	ND		ug/Kg	250	05/29/24	05/29/24
cis-1,4-Dichloro-2-butene	ND		ug/Kg	250	05/29/24	05/29/24
trans-1,4-Dichloro-2-butene	ND		ug/Kg	250	05/29/24	05/29/24
tert-Butyl Alcohol (TBA)	ND		ug/Kg	5,000	05/29/24	05/29/24
Isopropyl Ether (DIPE)	ND		ug/Kg	250	05/29/24	05/29/24
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	250	05/29/24	05/29/24
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	250	05/29/24	05/29/24
Xylene (total)	ND		ug/Kg	250	05/29/24	05/29/24
Surrogates				**Limits**		
Dibromofluoromethane	88%		%REC	70-130	05/29/24	05/29/24
1,2-Dichloroethane-d4	91%		%REC	70-145	05/29/24	05/29/24
Toluene-d8	98%		%REC	70-145	05/29/24	05/29/24
Bromofluorobenzene	102%		%REC	70-145	05/29/24	05/29/24

Type: Matrix Spike **Lab ID:** QC1156674 **Batch:** 341353
Matrix (Source ID): Soil (509200-001) **Method:** EPA 8260B **Prep Method:** EPA 5030B

QC1156674 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	45.39	ND	50.00	ug/Kg	91%		70-141	1
MTBE	37.85	ND	50.00	ug/Kg	76%		59-130	1
Benzene	43.12	ND	50.00	ug/Kg	86%		70-130	1
Trichloroethene	39.56	ND	50.00	ug/Kg	79%		69-130	1
Toluene	40.98	ND	50.00	ug/Kg	82%		70-130	1
Chlorobenzene	41.11	ND	50.00	ug/Kg	82%		70-130	1
Surrogates								
Dibromofluoromethane	49.44		50.00	ug/Kg	99%		70-145	1
1,2-Dichloroethane-d4	46.89		50.00	ug/Kg	94%		70-145	1
Toluene-d8	50.64		50.00	ug/Kg	101%		70-145	1
Bromofluorobenzene	52.64		50.00	ug/Kg	105%		70-145	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1156675	Batch:	341353
Matrix (Source ID):	Soil (509200-001)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1156675 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	36.25	ND	50.00	ug/Kg	73%		70-141	22	43	1
MTBE	29.04	ND	50.00	ug/Kg	58%	*	59-130	26	30	1
Benzene	33.83	ND	50.00	ug/Kg	68%	*	70-130	24	30	1
Trichloroethene	29.04	ND	50.00	ug/Kg	58%	*	69-130	31*	30	1
Toluene	31.34	ND	50.00	ug/Kg	63%	*	70-130	27	30	1
Chlorobenzene	30.85	ND	50.00	ug/Kg	62%	*	70-130	29	30	1
Surrogates										
Dibromofluoromethane	49.93		50.00	ug/Kg	100%		70-145			1
1,2-Dichloroethane-d4	46.59		50.00	ug/Kg	93%		70-145			1
Toluene-d8	49.80		50.00	ug/Kg	100%		70-145			1
Bromofluorobenzene	51.55		50.00	ug/Kg	103%		70-145			1

Type:	Lab Control Sample	Lab ID:	QC1157247	Batch:	341540
Matrix:	Soil	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1157247 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	51.19	50.00	ug/Kg	102%		70-131
MTBE	44.39	50.00	ug/Kg	89%		69-130
Benzene	51.35	50.00	ug/Kg	103%		70-130
Trichloroethene	48.62	50.00	ug/Kg	97%		70-130
Toluene	49.00	50.00	ug/Kg	98%		70-130
Chlorobenzene	50.07	50.00	ug/Kg	100%		70-130
Surrogates						
Dibromofluoromethane	49.55	50.00	ug/Kg	99%		70-130
1,2-Dichloroethane-d4	49.39	50.00	ug/Kg	99%		70-145
Toluene-d8	50.06	50.00	ug/Kg	100%		70-145
Bromofluorobenzene	52.39	50.00	ug/Kg	105%		70-145

Type:	Lab Control Sample Duplicate	Lab ID:	QC1157248	Batch:	341540
Matrix:	Soil	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1157248 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	48.06	50.00	ug/Kg	96%		70-131	6	33
MTBE	41.66	50.00	ug/Kg	83%		69-130	6	30
Benzene	47.29	50.00	ug/Kg	95%		70-130	8	30
Trichloroethene	45.69	50.00	ug/Kg	91%		70-130	6	30
Toluene	44.63	50.00	ug/Kg	89%		70-130	9	30
Chlorobenzene	45.83	50.00	ug/Kg	92%		70-130	9	30
Surrogates								
Dibromofluoromethane	49.72	50.00	ug/Kg	99%		70-130		
1,2-Dichloroethane-d4	48.59	50.00	ug/Kg	97%		70-145		
Toluene-d8	49.29	50.00	ug/Kg	99%		70-145		
Bromofluorobenzene	51.51	50.00	ug/Kg	103%		70-145		

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1157251	Batch: 341540
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1157251 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	250	05/31/24	05/31/24
Freon 12	ND		ug/Kg	250	05/31/24	05/31/24
Chloromethane	ND		ug/Kg	250	05/31/24	05/31/24
Vinyl Chloride	ND		ug/Kg	250	05/31/24	05/31/24
Bromomethane	ND		ug/Kg	250	05/31/24	05/31/24
Chloroethane	ND		ug/Kg	250	05/31/24	05/31/24
Trichlorofluoromethane	ND		ug/Kg	250	05/31/24	05/31/24
Acetone	ND		ug/Kg	5,000	05/31/24	05/31/24
Freon 113	ND		ug/Kg	250	05/31/24	05/31/24
1,1-Dichloroethene	ND		ug/Kg	250	05/31/24	05/31/24
Methylene Chloride	ND		ug/Kg	400	05/31/24	05/31/24
MTBE	ND		ug/Kg	250	05/31/24	05/31/24
trans-1,2-Dichloroethene	ND		ug/Kg	250	05/31/24	05/31/24
1,1-Dichloroethane	ND		ug/Kg	250	05/31/24	05/31/24
2-Butanone	ND		ug/Kg	5,000	05/31/24	05/31/24
cis-1,2-Dichloroethene	ND		ug/Kg	250	05/31/24	05/31/24
2,2-Dichloropropane	ND		ug/Kg	250	05/31/24	05/31/24
Chloroform	ND		ug/Kg	250	05/31/24	05/31/24
Bromochloromethane	ND		ug/Kg	250	05/31/24	05/31/24
1,1,1-Trichloroethane	ND		ug/Kg	250	05/31/24	05/31/24
1,1-Dichloropropene	ND		ug/Kg	250	05/31/24	05/31/24
Carbon Tetrachloride	ND		ug/Kg	250	05/31/24	05/31/24
1,2-Dichloroethane	ND		ug/Kg	250	05/31/24	05/31/24
Benzene	ND		ug/Kg	250	05/31/24	05/31/24
Trichloroethene	ND		ug/Kg	250	05/31/24	05/31/24
1,2-Dichloropropane	ND		ug/Kg	250	05/31/24	05/31/24
Bromodichloromethane	ND		ug/Kg	250	05/31/24	05/31/24
Dibromomethane	ND		ug/Kg	250	05/31/24	05/31/24
4-Methyl-2-Pentanone	ND		ug/Kg	250	05/31/24	05/31/24
cis-1,3-Dichloropropene	ND		ug/Kg	250	05/31/24	05/31/24
Toluene	ND		ug/Kg	250	05/31/24	05/31/24
trans-1,3-Dichloropropene	ND		ug/Kg	250	05/31/24	05/31/24
1,1,2-Trichloroethane	ND		ug/Kg	250	05/31/24	05/31/24
1,3-Dichloropropane	ND		ug/Kg	250	05/31/24	05/31/24
Tetrachloroethene	ND		ug/Kg	250	05/31/24	05/31/24
Dibromochloromethane	ND		ug/Kg	250	05/31/24	05/31/24
1,2-Dibromoethane	ND		ug/Kg	250	05/31/24	05/31/24
Chlorobenzene	ND		ug/Kg	250	05/31/24	05/31/24
1,1,1,2-Tetrachloroethane	ND		ug/Kg	250	05/31/24	05/31/24
Ethylbenzene	ND		ug/Kg	250	05/31/24	05/31/24
m,p-Xylenes	ND		ug/Kg	500	05/31/24	05/31/24
o-Xylene	ND		ug/Kg	250	05/31/24	05/31/24
Styrene	ND		ug/Kg	250	05/31/24	05/31/24
Bromoform	ND		ug/Kg	250	05/31/24	05/31/24
Isopropylbenzene	ND		ug/Kg	250	05/31/24	05/31/24
1,1,2,2-Tetrachloroethane	ND		ug/Kg	250	05/31/24	05/31/24
1,2,3-Trichloropropane	ND		ug/Kg	250	05/31/24	05/31/24

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Batch QC

QC1157251 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Propylbenzene	ND		ug/Kg	250	05/31/24	05/31/24
Bromobenzene	ND		ug/Kg	250	05/31/24	05/31/24
1,3,5-Trimethylbenzene	ND		ug/Kg	250	05/31/24	05/31/24
2-Chlorotoluene	ND		ug/Kg	250	05/31/24	05/31/24
4-Chlorotoluene	ND		ug/Kg	250	05/31/24	05/31/24
tert-Butylbenzene	ND		ug/Kg	250	05/31/24	05/31/24
1,2,4-Trimethylbenzene	ND		ug/Kg	250	05/31/24	05/31/24
sec-Butylbenzene	ND		ug/Kg	250	05/31/24	05/31/24
para-Isopropyl Toluene	ND		ug/Kg	250	05/31/24	05/31/24
1,3-Dichlorobenzene	ND		ug/Kg	250	05/31/24	05/31/24
1,4-Dichlorobenzene	ND		ug/Kg	250	05/31/24	05/31/24
n-Butylbenzene	ND		ug/Kg	250	05/31/24	05/31/24
1,2-Dichlorobenzene	ND		ug/Kg	250	05/31/24	05/31/24
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	250	05/31/24	05/31/24
1,2,4-Trichlorobenzene	ND		ug/Kg	250	05/31/24	05/31/24
Hexachlorobutadiene	ND		ug/Kg	250	05/31/24	05/31/24
Naphthalene	ND		ug/Kg	250	05/31/24	05/31/24
1,2,3-Trichlorobenzene	ND		ug/Kg	250	05/31/24	05/31/24
cis-1,4-Dichloro-2-butene	ND		ug/Kg	250	05/31/24	05/31/24
trans-1,4-Dichloro-2-butene	ND		ug/Kg	250	05/31/24	05/31/24
tert-Butyl Alcohol (TBA)	ND		ug/Kg	5,000	05/31/24	05/31/24
Isopropyl Ether (DIPE)	ND		ug/Kg	250	05/31/24	05/31/24
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	250	05/31/24	05/31/24
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	250	05/31/24	05/31/24
Xylene (total)	ND		ug/Kg	250	05/31/24	05/31/24
Surrogates				**Limits**		
Dibromofluoromethane	91%		%REC	70-130	05/31/24	05/31/24
1,2-Dichloroethane-d4	98%		%REC	70-145	05/31/24	05/31/24
Toluene-d8	98%		%REC	70-145	05/31/24	05/31/24
Bromofluorobenzene	102%		%REC	70-145	05/31/24	05/31/24

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Batch QC

Type:	**Blank**	**Lab ID:**	**QC1157252**	**Batch:**	**341540**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1157252 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	05/31/24	05/31/24
Freon 12	ND		ug/Kg	5.0	05/31/24	05/31/24
Chloromethane	ND		ug/Kg	5.0	05/31/24	05/31/24
Vinyl Chloride	ND		ug/Kg	5.0	05/31/24	05/31/24
Bromomethane	ND		ug/Kg	5.0	05/31/24	05/31/24
Chloroethane	ND		ug/Kg	5.0	05/31/24	05/31/24
Trichlorofluoromethane	ND		ug/Kg	5.0	05/31/24	05/31/24
Acetone	ND		ug/Kg	100	05/31/24	05/31/24
Freon 113	ND		ug/Kg	5.0	05/31/24	05/31/24
1,1-Dichloroethene	ND		ug/Kg	5.0	05/31/24	05/31/24
Methylene Chloride	ND		ug/Kg	5.0	05/31/24	05/31/24
MTBE	ND		ug/Kg	5.0	05/31/24	05/31/24
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	05/31/24	05/31/24
1,1-Dichloroethane	ND		ug/Kg	5.0	05/31/24	05/31/24
2-Butanone	ND		ug/Kg	100	05/31/24	05/31/24
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	05/31/24	05/31/24
2,2-Dichloropropane	ND		ug/Kg	5.0	05/31/24	05/31/24
Chloroform	ND		ug/Kg	5.0	05/31/24	05/31/24
Bromochloromethane	ND		ug/Kg	5.0	05/31/24	05/31/24
1,1,1-Trichloroethane	ND		ug/Kg	5.0	05/31/24	05/31/24
1,1-Dichloropropene	ND		ug/Kg	5.0	05/31/24	05/31/24
Carbon Tetrachloride	ND		ug/Kg	5.0	05/31/24	05/31/24
1,2-Dichloroethane	ND		ug/Kg	5.0	05/31/24	05/31/24
Benzene	ND		ug/Kg	5.0	05/31/24	05/31/24
Trichloroethene	ND		ug/Kg	5.0	05/31/24	05/31/24
1,2-Dichloropropane	ND		ug/Kg	5.0	05/31/24	05/31/24
Bromodichloromethane	ND		ug/Kg	5.0	05/31/24	05/31/24
Dibromomethane	ND		ug/Kg	5.0	05/31/24	05/31/24
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	05/31/24	05/31/24
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	05/31/24	05/31/24
Toluene	ND		ug/Kg	5.0	05/31/24	05/31/24
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	05/31/24	05/31/24
1,1,2-Trichloroethane	ND		ug/Kg	5.0	05/31/24	05/31/24
1,3-Dichloropropane	ND		ug/Kg	5.0	05/31/24	05/31/24
Tetrachloroethene	ND		ug/Kg	5.0	05/31/24	05/31/24
Dibromochloromethane	ND		ug/Kg	5.0	05/31/24	05/31/24
1,2-Dibromoethane	ND		ug/Kg	5.0	05/31/24	05/31/24
Chlorobenzene	ND		ug/Kg	5.0	05/31/24	05/31/24
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	05/31/24	05/31/24
Ethylbenzene	ND		ug/Kg	5.0	05/31/24	05/31/24
m,p-Xylenes	ND		ug/Kg	10	05/31/24	05/31/24
o-Xylene	ND		ug/Kg	5.0	05/31/24	05/31/24
Styrene	ND		ug/Kg	5.0	05/31/24	05/31/24
Bromoform	ND		ug/Kg	5.0	05/31/24	05/31/24
Isopropylbenzene	ND		ug/Kg	5.0	05/31/24	05/31/24
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	05/31/24	05/31/24
1,2,3-Trichloropropane	ND		ug/Kg	5.0	05/31/24	05/31/24

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Batch QC

QC1157252 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Propylbenzene	ND		ug/Kg	5.0	05/31/24	05/31/24
Bromobenzene	ND		ug/Kg	5.0	05/31/24	05/31/24
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	05/31/24	05/31/24
2-Chlorotoluene	ND		ug/Kg	5.0	05/31/24	05/31/24
4-Chlorotoluene	ND		ug/Kg	5.0	05/31/24	05/31/24
tert-Butylbenzene	ND		ug/Kg	5.0	05/31/24	05/31/24
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	05/31/24	05/31/24
sec-Butylbenzene	ND		ug/Kg	5.0	05/31/24	05/31/24
para-Isopropyl Toluene	ND		ug/Kg	5.0	05/31/24	05/31/24
1,3-Dichlorobenzene	ND		ug/Kg	5.0	05/31/24	05/31/24
1,4-Dichlorobenzene	ND		ug/Kg	5.0	05/31/24	05/31/24
n-Butylbenzene	ND		ug/Kg	5.0	05/31/24	05/31/24
1,2-Dichlorobenzene	ND		ug/Kg	5.0	05/31/24	05/31/24
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	05/31/24	05/31/24
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	05/31/24	05/31/24
Hexachlorobutadiene	ND		ug/Kg	5.0	05/31/24	05/31/24
Naphthalene	ND		ug/Kg	5.0	05/31/24	05/31/24
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	05/31/24	05/31/24
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	05/31/24	05/31/24
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	05/31/24	05/31/24
tert-Butyl Alcohol (TBA)	ND		ug/Kg	100	05/31/24	05/31/24
Isopropyl Ether (DIPE)	ND		ug/Kg	5.0	05/31/24	05/31/24
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.0	05/31/24	05/31/24
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	5.0	05/31/24	05/31/24
Xylene (total)	ND		ug/Kg	5.0	05/31/24	05/31/24
Surrogates				**Limits**		
Dibromofluoromethane	95%		%REC	70-130	05/31/24	05/31/24
1,2-Dichloroethane-d4	95%		%REC	70-145	05/31/24	05/31/24
Toluene-d8	98%		%REC	70-145	05/31/24	05/31/24
Bromofluorobenzene	103%		%REC	70-145	05/31/24	05/31/24

Type: Matrix Spike **Lab ID:** QC1157359 **Batch:** 341540
Matrix (Source ID): Soil (509285-021) **Method:** EPA 8260B **Prep Method:** EPA 5030B

QC1157359 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	47.61	ND	50.00	ug/Kg	95%		70-141	1
MTBE	39.57	ND	50.00	ug/Kg	79%		59-130	1
Benzene	45.37	ND	50.00	ug/Kg	91%		70-130	1
Trichloroethene	39.73	ND	50.00	ug/Kg	79%		69-130	1
Toluene	41.47	ND	50.00	ug/Kg	83%		70-130	1
Chlorobenzene	43.04	ND	50.00	ug/Kg	86%		70-130	1
Surrogates								
Dibromofluoromethane	50.90		50.00	ug/Kg	102%		70-145	1
1,2-Dichloroethane-d4	48.70		50.00	ug/Kg	97%		70-145	1
Toluene-d8	48.63		50.00	ug/Kg	97%		70-145	1
Bromofluorobenzene	51.61		50.00	ug/Kg	103%		70-145	1

ENTHALPY ANALYTICAL

Batch QC

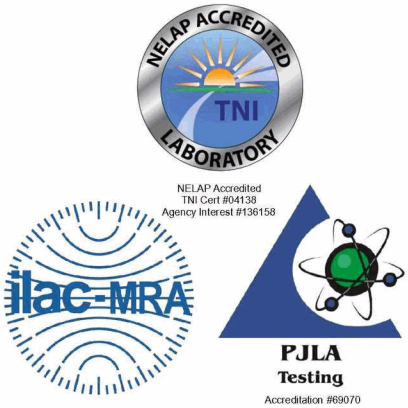
Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1157360**	**Batch:**	**341540**
Matrix (Source ID):	**Soil (509285-021)**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1157360 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	36.47	ND	50.00	ug/Kg	73%		70-141	27	43	1
MTBE	30.63	ND	50.00	ug/Kg	61%		59-130	25	30	1
Benzene	34.36	ND	50.00	ug/Kg	69%	*	70-130	28	30	1
Trichloroethene	30.54	ND	50.00	ug/Kg	61%	*	69-130	26	30	1
Toluene	31.91	ND	50.00	ug/Kg	64%	*	70-130	26	30	1
Chlorobenzene	32.68	ND	50.00	ug/Kg	65%	*	70-130	27	30	1
Surrogates										
Dibromofluoromethane	50.13		50.00	ug/Kg	100%		70-145			1
1,2-Dichloroethane-d4	47.70		50.00	ug/Kg	95%		70-145			1
Toluene-d8	49.11		50.00	ug/Kg	98%		70-145			1
Bromofluorobenzene	51.76		50.00	ug/Kg	104%		70-145			1

* Value is outside QC limits
ND Not Detected
b See narrative

Mobile Geochemistry Inc.

05 June 2024



Chuck Houser
SCS Engineers - San Diego
8799 Balboa Avenue, Suite 290
San Diego, CA 92123

H&P Project: SCS052424-10
Client Project: Midway Rising

Dear Chuck Houser:

Enclosed is the analytical report for the above referenced project. The data herein applies to samples as received by H&P Mobile Geochemistry, Inc. on 5/21/2024 -5/23/2024 which were analyzed in accordance with the attached Chain of Custody record(s).

The results for all sample analyses and required QA/QC analyses are presented in the following sections and summarized in the documents:

- Sample Summary
- Case Narrative (if applicable)
- Sample Results
- Quality Control Summary
- Notes and Definitions / Appendix
- Chain of Custody
- Sampling Logs (if applicable)

Unless otherwise noted, I certify that all analyses were performed and reviewed in compliance with our Quality Systems Manual and Standard Operating Procedures. This report shall not be reproduced, except in full, without the written approval of H&P Mobile Geochemistry, Inc.

We at H&P Mobile Geochemistry, Inc. sincerely appreciate the opportunity to provide analytical services to you on this project. If you have any questions or concerns regarding this analytical report, please contact me at your convenience at 760-804-9678.

Sincerely,

Lisa Eminhizer
Laboratory Director

H&P Mobile Geochemistry, Inc. is certified under the National Environmental Laboratory Accreditation Conference (NELAC) for the fields of proficiency and analytes listed on those certificates. H& P is approved as an Environmental Testing Laboratory in accordance with the DoD -ELAP Program and ISO/IEC 17025:2005 programs for the fields of proficiency and analytes included in the certification process and to the extent offered by the accreditation agency. Unless otherwise noted, accreditation certificate numbers, expiration of certificates, and scope of accreditation can be found at: www.handpmg.com/about/certifications. Fields of services and analytes contained in this report that are not listed on the certificates should be considered uncertified or unavailable for certification.

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Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SV-24-001-5	E405080-01	Vapor	21-May-24	21-May-24
SV-24-002-5	E405080-02	Vapor	21-May-24	21-May-24
SV-24-003-5	E405080-03	Vapor	21-May-24	21-May-24
SV-24-004-5	E405080-04	Vapor	21-May-24	21-May-24
SV-24-021-5	E405080-05	Vapor	21-May-24	21-May-24
SV-24-021-5 Dup	E405080-06	Vapor	21-May-24	21-May-24
SV-24-017-5	E405080-07	Vapor	21-May-24	21-May-24
SV-24-005-5	E405081-01	Vapor	22-May-24	22-May-24
SV-24-008-5	E405081-02	Vapor	22-May-24	22-May-24
SV-24-009-5	E405081-03	Vapor	22-May-24	22-May-24
SV-24-010-5	E405081-04	Vapor	22-May-24	22-May-24
SV-24-007-5	E405081-05	Vapor	22-May-24	22-May-24
SV-24-023-5	E405081-06	Vapor	22-May-24	22-May-24
SV-24-022-5	E405081-07	Vapor	22-May-24	22-May-24
SV-24-014-5	E405081-08	Vapor	22-May-24	22-May-24
SV-24-012-5	E405081-09	Vapor	22-May-24	22-May-24
SV-24-023-5 Dup	E405081-10	Vapor	22-May-24	22-May-24
SV-24-011-5	E405081-11	Vapor	22-May-24	22-May-24
SV-24-006-5	E405082-01	Vapor	23-May-24	23-May-24
SV-24-013-5	E405082-02	Vapor	23-May-24	23-May-24
SV-24-015-5	E405082-03	Vapor	23-May-24	23-May-24
SV-24-016-5	E405082-04	Vapor	23-May-24	23-May-24
SV-24-019-5	E405082-05	Vapor	23-May-24	23-May-24
SV-24-018-5	E405082-06	Vapor	23-May-24	23-May-24
SV-24-020-2.5	E405082-07	Vapor	23-May-24	23-May-24
SV-24-024-5	E405082-08	Vapor	23-May-24	23-May-24
SV-24-024-5 Rep	E405082-09	Vapor	23-May-24	23-May-24

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8799 Balboa Avenue, Suite 290	Project Number:	Midway Rising	Reported:
San Diego, CA 92123	Project Manager:	Chuck Houser	05-Jun-24 12:20

Due to elevated levels of non-target analytes, the following samples were analyzed by H&P 8260SV rather than EPA Method TO-15:
SV-24-021-5
SV-24-021-5 Dup
SV-24-023-5
SV-24-023-5 Dup
SV-24-022-5

The following EPA Method TO-15 analytes are not reported by H&P 8260SV:
Dichlorotetrafluoroethane
4-Ethyltoluene

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San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

DETECTIONS SUMMARY

Sample ID: **SV-24-001-5** Laboratory ID: **E405080-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
Dichlorodifluoromethane (F12)	**5.3**	5.0	ug/m3	EPA TO-15	
Carbon disulfide	**13**	6.3	ug/m3	EPA TO-15	
2-Butanone (MEK)	**48**	30	ug/m3	EPA TO-15	
Benzene	**19**	3.2	ug/m3	EPA TO-15	
4-Methyl-2-pentanone (MIBK)	**43**	8.3	ug/m3	EPA TO-15	
Toluene	**33**	3.8	ug/m3	EPA TO-15	
Tetrachloroethene	**79**	6.9	ug/m3	EPA TO-15	
Chlorobenzene	**8.2**	4.7	ug/m3	EPA TO-15	
Ethylbenzene	**7.6**	4.4	ug/m3	EPA TO-15	
m,p-Xylene	**19**	8.8	ug/m3	EPA TO-15	
o-Xylene	**11**	4.4	ug/m3	EPA TO-15	
1,3,5-Trimethylbenzene	**7.9**	5.0	ug/m3	EPA TO-15	
1,2,4-Trimethylbenzene	**7.3**	5.0	ug/m3	EPA TO-15	

Sample ID: **SV-24-002-5** Laboratory ID: **E405080-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**4.4**	3.2	ug/m3	EPA TO-15	
4-Methyl-2-pentanone (MIBK)	**17**	8.3	ug/m3	EPA TO-15	
Toluene	**13**	3.8	ug/m3	EPA TO-15	
Chlorobenzene	**6.3**	4.7	ug/m3	EPA TO-15	
m,p-Xylene	**13**	8.8	ug/m3	EPA TO-15	
o-Xylene	**5.5**	4.4	ug/m3	EPA TO-15	

Sample ID: **SV-24-003-5** Laboratory ID: **E405080-03**

Analyte	Result	Reporting Limit	Units	Method	Notes
2-Butanone (MEK)	**30**	30	ug/m3	EPA TO-15	
Benzene	**5.7**	3.2	ug/m3	EPA TO-15	
4-Methyl-2-pentanone (MIBK)	**23**	8.3	ug/m3	EPA TO-15	
Toluene	**11**	3.8	ug/m3	EPA TO-15	
2-Hexanone (MBK)	**13**	8.3	ug/m3	EPA TO-15	

Sample ID: **SV-24-004-5** Laboratory ID: **E405080-04**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Difluoroethane (LCC)	**6.6**	5.5	ug/m3	EPA TO-15	

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Sample ID: **SV-24-004-5** Laboratory ID: **E405080-04**

Analyte	Result	Reporting Limit	Units	Method	Notes
Dichlorodifluoromethane (F12)	**5.2**	5.0	ug/m3	EPA TO-15	
Carbon disulfide	**15**	6.3	ug/m3	EPA TO-15	
Benzene	**9.8**	3.2	ug/m3	EPA TO-15	
4-Methyl-2-pentanone (MIBK)	**23**	8.3	ug/m3	EPA TO-15	
Toluene	**23**	3.8	ug/m3	EPA TO-15	
2-Hexanone (MBK)	**11**	8.3	ug/m3	EPA TO-15	
Ethylbenzene	**4.5**	4.4	ug/m3	EPA TO-15	
m,p-Xylene	**14**	8.8	ug/m3	EPA TO-15	
o-Xylene	**6.0**	4.4	ug/m3	EPA TO-15	

Sample ID: **SV-24-021-5** Laboratory ID: **E405080-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**14000**	1000	ug/m3	H&P 8260SV	

Sample ID: **SV-24-021-5 Dup** Laboratory ID: **E405080-06**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**14000**	1000	ug/m3	H&P 8260SV	

Sample ID: **SV-24-017-5** Laboratory ID: **E405080-07**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Difluoroethane (LCC)	**87**	5.5	ug/m3	EPA TO-15	
Chloroform	**7.2**	4.9	ug/m3	EPA TO-15	
Benzene	**9.4**	3.2	ug/m3	EPA TO-15	
4-Methyl-2-pentanone (MIBK)	**41**	8.3	ug/m3	EPA TO-15	
Toluene	**10**	3.8	ug/m3	EPA TO-15	
m,p-Xylene	**13**	8.8	ug/m3	EPA TO-15	
o-Xylene	**5.1**	4.4	ug/m3	EPA TO-15	

Sample ID: **SV-24-005-5** Laboratory ID: **E405081-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
Carbon disulfide	**24**	6.3	ug/m3	EPA TO-15	
2-Butanone (MEK)	**38**	30	ug/m3	EPA TO-15	
Benzene	**88**	3.2	ug/m3	EPA TO-15	
4-Methyl-2-pentanone (MIBK)	**34**	8.3	ug/m3	EPA TO-15	
Toluene	**130**	3.8	ug/m3	EPA TO-15	

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Sample ID: **SV-24-005-5** Laboratory ID: **E405081-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
Chlorobenzene	**6.8**	4.7	ug/m3	EPA TO-15	
Ethylbenzene	**21**	4.4	ug/m3	EPA TO-15	
m,p-Xylene	**45**	8.8	ug/m3	EPA TO-15	
Styrene	**7.5**	4.3	ug/m3	EPA TO-15	
o-Xylene	**19**	4.4	ug/m3	EPA TO-15	
4-Ethyltoluene	**5.0**	5.0	ug/m3	EPA TO-15	
1,2,4-Trimethylbenzene	**11**	5.0	ug/m3	EPA TO-15	

Sample ID: **SV-24-008-5** Laboratory ID: **E405081-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
Carbon disulfide	**7.3**	6.3	ug/m3	EPA TO-15	
Benzene	**9.9**	3.2	ug/m3	EPA TO-15	
4-Methyl-2-pentanone (MIBK)	**21**	8.3	ug/m3	EPA TO-15	
Toluene	**16**	3.8	ug/m3	EPA TO-15	
Chlorobenzene	**4.9**	4.7	ug/m3	EPA TO-15	
m,p-Xylene	**10**	8.8	ug/m3	EPA TO-15	
o-Xylene	**4.6**	4.4	ug/m3	EPA TO-15	

Sample ID: **SV-24-009-5** Laboratory ID: **E405081-03**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**6.9**	3.2	ug/m3	EPA TO-15	
4-Methyl-2-pentanone (MIBK)	**22**	8.3	ug/m3	EPA TO-15	
Toluene	**11**	3.8	ug/m3	EPA TO-15	
m,p-Xylene	**9.2**	8.8	ug/m3	EPA TO-15	

Sample ID: **SV-24-010-5** Laboratory ID: **E405081-04**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**4.3**	3.2	ug/m3	EPA TO-15	
4-Methyl-2-pentanone (MIBK)	**12**	8.3	ug/m3	EPA TO-15	
Toluene	**9.8**	3.8	ug/m3	EPA TO-15	
m,p-Xylene	**9.1**	8.8	ug/m3	EPA TO-15	

Sample ID: **SV-24-007-5** Laboratory ID: **E405081-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
Carbon disulfide	**6.6**	6.3	ug/m3	EPA TO-15	

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Sample ID: **SV-24-007-5** Laboratory ID: **E405081-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**11**	3.2	ug/m3	EPA TO-15	
4-Methyl-2-pentanone (MIBK)	**18**	8.3	ug/m3	EPA TO-15	
Toluene	**17**	3.8	ug/m3	EPA TO-15	
2-Hexanone (MBK)	**12**	8.3	ug/m3	EPA TO-15	
Ethylbenzene	**5.0**	4.4	ug/m3	EPA TO-15	
m,p-Xylene	**11**	8.8	ug/m3	EPA TO-15	
o-Xylene	**5.6**	4.4	ug/m3	EPA TO-15	

Sample ID: **SV-24-023-5** Laboratory ID: **E405081-06**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**38000**	1000	ug/m3	H&P 8260SV	
m,p-Xylene	**9100**	5000	ug/m3	H&P 8260SV	

Sample ID: **SV-24-022-5** Laboratory ID: **E405081-07**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**2400**	200	ug/m3	H&P 8260SV	

Sample ID: **SV-24-014-5** Laboratory ID: **E405081-08**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**4.5**	3.2	ug/m3	EPA TO-15	
4-Methyl-2-pentanone (MIBK)	**10**	8.3	ug/m3	EPA TO-15	
Toluene	**7.6**	3.8	ug/m3	EPA TO-15	
Tetrachloroethene	**45**	6.9	ug/m3	EPA TO-15	
m,p-Xylene	**10**	8.8	ug/m3	EPA TO-15	
o-Xylene	**5.3**	4.4	ug/m3	EPA TO-15	

Sample ID: **SV-24-012-5** Laboratory ID: **E405081-09**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**4.9**	3.2	ug/m3	EPA TO-15	
Toluene	**9.6**	3.8	ug/m3	EPA TO-15	

Sample ID: **SV-24-023-5 Dup** Laboratory ID: **E405081-10**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**34000**	1000	ug/m3	H&P 8260SV	

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Sample ID: **SV-24-023-5 Dup** Laboratory ID: **E405081-10**

Analyte	Result	Reporting Limit	Units	Method	Notes
m,p-Xylene	**8000**	5000	ug/m3	H&P 8260SV	

Sample ID: **SV-24-011-5** Laboratory ID: **E405081-11**

Analyte	Result	Reporting Limit	Units	Method	Notes
2-Butanone (MEK)	**48**	30	ug/m3	EPA TO-15	
Benzene	**57**	3.2	ug/m3	EPA TO-15	
4-Methyl-2-pentanone (MIBK)	**28**	8.3	ug/m3	EPA TO-15	
Toluene	**88**	3.8	ug/m3	EPA TO-15	
Ethylbenzene	**14**	4.4	ug/m3	EPA TO-15	
m,p-Xylene	**30**	8.8	ug/m3	EPA TO-15	
o-Xylene	**14**	4.4	ug/m3	EPA TO-15	
1,2,4-Trimethylbenzene	**5.2**	5.0	ug/m3	EPA TO-15	

Sample ID: **SV-24-006-5** Laboratory ID: **E405082-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
2-Butanone (MEK)	**45**	30	ug/m3	EPA TO-15	
Benzene	**38**	3.2	ug/m3	EPA TO-15	
4-Methyl-2-pentanone (MIBK)	**61**	8.3	ug/m3	EPA TO-15	
Toluene	**59**	3.8	ug/m3	EPA TO-15	
Tetrachloroethene	**7.3**	6.9	ug/m3	EPA TO-15	
Ethylbenzene	**14**	4.4	ug/m3	EPA TO-15	
m,p-Xylene	**37**	8.8	ug/m3	EPA TO-15	
o-Xylene	**17**	4.4	ug/m3	EPA TO-15	
4-Ethyltoluene	**12**	5.0	ug/m3	EPA TO-15	
1,3,5-Trimethylbenzene	**15**	5.0	ug/m3	EPA TO-15	
1,2,4-Trimethylbenzene	**44**	5.0	ug/m3	EPA TO-15	

Sample ID: **SV-24-013-5** Laboratory ID: **E405082-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
Chloroform	**8.4**	4.9	ug/m3	EPA TO-15	
Benzene	**6.0**	3.2	ug/m3	EPA TO-15	
4-Methyl-2-pentanone (MIBK)	**32**	8.3	ug/m3	EPA TO-15	
Toluene	**13**	3.8	ug/m3	EPA TO-15	
Tetrachloroethene	**10**	6.9	ug/m3	EPA TO-15	
Ethylbenzene	**4.7**	4.4	ug/m3	EPA TO-15	
m,p-Xylene	**15**	8.8	ug/m3	EPA TO-15	

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Sample ID: **SV-24-013-5** Laboratory ID: **E405082-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
o-Xylene	**8.5**	4.4	ug/m3	EPA TO-15	
4-Ethyltoluene	**11**	5.0	ug/m3	EPA TO-15	
1,3,5-Trimethylbenzene	**16**	5.0	ug/m3	EPA TO-15	
1,2,4-Trimethylbenzene	**48**	5.0	ug/m3	EPA TO-15	

Sample ID: **SV-24-015-5** Laboratory ID: **E405082-03**

Analyte	Result	Reporting Limit	Units	Method	Notes
Dichlorodifluoromethane (F12)	**5.5**	5.0	ug/m3	EPA TO-15	
4-Methyl-2-pentanone (MIBK)	**34**	8.3	ug/m3	EPA TO-15	
Toluene	**5.3**	3.8	ug/m3	EPA TO-15	
Tetrachloroethene	**11**	6.9	ug/m3	EPA TO-15	
o-Xylene	**5.0**	4.4	ug/m3	EPA TO-15	
4-Ethyltoluene	**11**	5.0	ug/m3	EPA TO-15	
1,3,5-Trimethylbenzene	**18**	5.0	ug/m3	EPA TO-15	
1,2,4-Trimethylbenzene	**53**	5.0	ug/m3	EPA TO-15	

Sample ID: **SV-24-016-5** Laboratory ID: **E405082-04**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**6.1**	3.2	ug/m3	EPA TO-15	
4-Methyl-2-pentanone (MIBK)	**20**	8.3	ug/m3	EPA TO-15	
Toluene	**9.2**	3.8	ug/m3	EPA TO-15	
Tetrachloroethene	**7.4**	6.9	ug/m3	EPA TO-15	
m,p-Xylene	**11**	8.8	ug/m3	EPA TO-15	
o-Xylene	**6.6**	4.4	ug/m3	EPA TO-15	
4-Ethyltoluene	**6.0**	5.0	ug/m3	EPA TO-15	
1,3,5-Trimethylbenzene	**8.1**	5.0	ug/m3	EPA TO-15	
1,2,4-Trimethylbenzene	**23**	5.0	ug/m3	EPA TO-15	

Sample ID: **SV-24-019-5** Laboratory ID: **E405082-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**4.0**	3.2	ug/m3	EPA TO-15	
4-Methyl-2-pentanone (MIBK)	**18**	8.3	ug/m3	EPA TO-15	
Toluene	**7.7**	3.8	ug/m3	EPA TO-15	
Tetrachloroethene	**20**	6.9	ug/m3	EPA TO-15	
m,p-Xylene	**12**	8.8	ug/m3	EPA TO-15	
o-Xylene	**6.1**	4.4	ug/m3	EPA TO-15	

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San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Sample ID: **SV-24-019-5** Laboratory ID: **E405082-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
4-Ethyltoluene	**5.3**	5.0	ug/m3	EPA TO-15	
1,3,5-Trimethylbenzene	**7.6**	5.0	ug/m3	EPA TO-15	
1,2,4-Trimethylbenzene	**23**	5.0	ug/m3	EPA TO-15	

Sample ID: **SV-24-018-5** Laboratory ID: **E405082-06**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**280**	3.2	ug/m3	EPA TO-15	
Toluene	**18**	3.8	ug/m3	EPA TO-15	
Tetrachloroethene	**20**	6.9	ug/m3	EPA TO-15	
Ethylbenzene	**26**	4.4	ug/m3	EPA TO-15	
m,p-Xylene	**150**	8.8	ug/m3	EPA TO-15	
o-Xylene	**74**	4.4	ug/m3	EPA TO-15	
4-Ethyltoluene	**8.3**	5.0	ug/m3	EPA TO-15	
1,3,5-Trimethylbenzene	**17**	5.0	ug/m3	EPA TO-15	
1,2,4-Trimethylbenzene	**33**	5.0	ug/m3	EPA TO-15	

Sample ID: **SV-24-020-2.5** Laboratory ID: **E405082-07**

Analyte	Result	Reporting Limit	Units	Method	Notes
Carbon disulfide	**13**	6.3	ug/m3	EPA TO-15	
2-Butanone (MEK)	**84**	30	ug/m3	EPA TO-15	
Benzene	**56**	3.2	ug/m3	EPA TO-15	
4-Methyl-2-pentanone (MIBK)	**57**	8.3	ug/m3	EPA TO-15	
Toluene	**100**	3.8	ug/m3	EPA TO-15	
Tetrachloroethene	**21**	6.9	ug/m3	EPA TO-15	
Ethylbenzene	**36**	4.4	ug/m3	EPA TO-15	
m,p-Xylene	**74**	8.8	ug/m3	EPA TO-15	
Styrene	**17**	4.3	ug/m3	EPA TO-15	
o-Xylene	**39**	4.4	ug/m3	EPA TO-15	
4-Ethyltoluene	**26**	5.0	ug/m3	EPA TO-15	
1,3,5-Trimethylbenzene	**31**	5.0	ug/m3	EPA TO-15	
1,2,4-Trimethylbenzene	**82**	5.0	ug/m3	EPA TO-15	

Sample ID: **SV-24-024-5** Laboratory ID: **E405082-08**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Difluoroethane (LCC)	**23**	5.5	ug/m3	EPA TO-15	
Benzene	**7.9**	3.2	ug/m3	EPA TO-15	

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Sample ID: **SV-24-024-5** Laboratory ID: **E405082-08**

Analyte	Result	Reporting Limit	Units	Method	Notes
4-Methyl-2-pentanone (MIBK)	**41**	8.3	ug/m3	EPA TO-15	
Toluene	**12**	3.8	ug/m3	EPA TO-15	
Tetrachloroethene	**41**	6.9	ug/m3	EPA TO-15	
m,p-Xylene	**11**	8.8	ug/m3	EPA TO-15	
o-Xylene	**5.8**	4.4	ug/m3	EPA TO-15	
4-Ethyltoluene	**8.3**	5.0	ug/m3	EPA TO-15	
1,3,5-Trimethylbenzene	**12**	5.0	ug/m3	EPA TO-15	
1,2,4-Trimethylbenzene	**33**	5.0	ug/m3	EPA TO-15	

Sample ID: **SV-24-024-5 Rep** Laboratory ID: **E405082-09**

Analyte	Result	Reporting Limit	Units	Method	Notes
Chloromethane	**2.1**	2.1	ug/m3	EPA TO-15	
2-Butanone (MEK)	**41**	30	ug/m3	EPA TO-15	
Benzene	**8.4**	3.2	ug/m3	EPA TO-15	
4-Methyl-2-pentanone (MIBK)	**41**	8.3	ug/m3	EPA TO-15	
Toluene	**14**	3.8	ug/m3	EPA TO-15	
2-Hexanone (MBK)	**13**	8.3	ug/m3	EPA TO-15	
Tetrachloroethene	**39**	6.9	ug/m3	EPA TO-15	
m,p-Xylene	**11**	8.8	ug/m3	EPA TO-15	
o-Xylene	**6.3**	4.4	ug/m3	EPA TO-15	
4-Ethyltoluene	**9.9**	5.0	ug/m3	EPA TO-15	
1,3,5-Trimethylbenzene	**13**	5.0	ug/m3	EPA TO-15	
1,2,4-Trimethylbenzene	**38**	5.0	ug/m3	EPA TO-15	

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Volatile Organic Compounds by EPA TO-15

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-001-5 (E405080-01) Vapor Sampled: 21-May-24 Received: 21-May-24									
1,1-Difluoroethane (LCC)	ND	5.5	ug/m3	1	EE43102	31-May-24	31-May-24	EPA TO-15	
Dichlorodifluoromethane (F12)	**5.3**	5.0	"	"	"	"	"	"	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	**13**	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	**48**	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	**19**	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	**43**	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**33**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	**79**	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	**8.2**	4.7	"	"	"	"	"	"	
Ethylbenzene	**7.6**	4.4	"	"	"	"	"	"	
m,p-Xylene	**19**	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	

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San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by EPA TO-15

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-001-5 (E405080-01) Vapor Sampled: 21-May-24 Received: 21-May-24									
o-Xylene	**11**	4.4	ug/m3	1	EE43102	31-May-24	31-May-24	EPA TO-15	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**7.9**	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**7.3**	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*98.7 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.8 %*		*77-127*	"	"	"	"	
SV-24-002-5 (E405080-02) Vapor Sampled: 21-May-24 Received: 21-May-24									
1,1-Difluoroethane (LCC)	ND	5.5	ug/m3	1	EE43102	31-May-24	31-May-24	EPA TO-15	
Dichlorodifluoromethane (F12)	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	**4.4**	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	

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8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by EPA TO-15

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-002-5 (E405080-02) Vapor Sampled: 21-May-24 Received: 21-May-24									
Trichloroethene	ND	5.5	ug/m3	1	EE43102	31-May-24	31-May-24	EPA TO-15	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	**17**	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**13**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	ND	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	**6.3**	4.7	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	**13**	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	
o-Xylene	**5.5**	4.4	"	"	"	"	"	"	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*99.3 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*102 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.1 %*		*77-127*	"	"	"	"	

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Volatile Organic Compounds by EPA TO-15

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-003-5 (E405080-03) Vapor Sampled: 21-May-24 Received: 21-May-24									
1,1-Difluoroethane (LCC)	ND	5.5	ug/m3	1	EE43102	31-May-24	31-May-24	EPA TO-15	
Dichlorodifluoromethane (F12)	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	**30**	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	**5.7**	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	**23**	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**11**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	**13**	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	ND	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	ND	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-003-5 (E405080-03) Vapor Sampled: 21-May-24 Received: 21-May-24									
o-Xylene	ND	4.4	ug/m3	1	EE43102	31-May-24	31-May-24	EPA TO-15	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*92.4 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*101 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*		*77-127*	"	"	"	"	
SV-24-004-5 (E405080-04) Vapor Sampled: 21-May-24 Received: 21-May-24									
1,1-Difluoroethane (LCC)	**6.6**	5.5	ug/m3	1	EE43102	31-May-24	31-May-24	EPA TO-15	
Dichlorodifluoromethane (F12)	**5.2**	5.0	"	"	"	"	"	"	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	**15**	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	**9.8**	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	

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2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-004-5 (E405080-04) Vapor Sampled: 21-May-24 Received: 21-May-24									
Trichloroethene	ND	5.5	ug/m3	1	EE43102	31-May-24	31-May-24	EPA TO-15	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	**23**	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**23**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	**11**	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	ND	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	**4.5**	4.4	"	"	"	"	"	"	
m,p-Xylene	**14**	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	
o-Xylene	**6.0**	4.4	"	"	"	"	"	"	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*99.8 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*102 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.4 %*		*77-127*	"	"	"	"	

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Carlsbad, CA 92010
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760-804-9159 Fax

SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by EPA TO-15

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-017-5 (E405080-07) Vapor Sampled: 21-May-24 Received: 21-May-24									
1,1-Difluoroethane (LCC)	**87**	5.5	ug/m3	1	EE43102	31-May-24	31-May-24	EPA TO-15	
Dichlorodifluoromethane (F12)	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	**7.2**	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	**9.4**	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	**41**	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**10**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	ND	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	**13**	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	

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Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by EPA TO-15

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-017-5 (E405080-07) Vapor Sampled: 21-May-24 Received: 21-May-24									
o-Xylene	**5.1**	4.4	ug/m3	1	EE43102	31-May-24	31-May-24	EPA TO-15	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97.1 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*105 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.0 %*		*77-127*	"	"	"	"	
SV-24-005-5 (E405081-01) Vapor Sampled: 22-May-24 Received: 22-May-24									
1,1-Difluoroethane (LCC)	ND	5.5	ug/m3	1	EF40309	03-Jun-24	03-Jun-24	EPA TO-15	
Dichlorodifluoromethane (F12)	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	**24**	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	**38**	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	**88**	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	

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Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by EPA TO-15

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-005-5 (E405081-01) Vapor Sampled: 22-May-24 Received: 22-May-24									
Trichloroethene	ND	5.5	ug/m3	1	EF40309	03-Jun-24	03-Jun-24	EPA TO-15	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	**34**	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**130**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	ND	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	**6.8**	4.7	"	"	"	"	"	"	
Ethylbenzene	**21**	4.4	"	"	"	"	"	"	
m,p-Xylene	**45**	8.8	"	"	"	"	"	"	
Styrene	**7.5**	4.3	"	"	"	"	"	"	
o-Xylene	**19**	4.4	"	"	"	"	"	"	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	**5.0**	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**11**	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*95.8 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*95.5 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.7 %*		*77-127*	"	"	"	"	

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2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
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Volatile Organic Compounds by EPA TO-15

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-008-5 (E405081-02) Vapor Sampled: 22-May-24 Received: 22-May-24									
1,1-Difluoroethane (LCC)	ND	5.5	ug/m3	1	EF40309	03-Jun-24	03-Jun-24	EPA TO-15	
Dichlorodifluoromethane (F12)	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	**7.3**	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	**9.9**	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	**21**	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**16**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	ND	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	**4.9**	4.7	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	**10**	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	

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Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-008-5 (E405081-02) Vapor Sampled: 22-May-24 Received: 22-May-24									
o-Xylene	**4.6**	4.4	ug/m3	1	EF40309	03-Jun-24	03-Jun-24	EPA TO-15	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*96.6 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*98.7 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.4 %*		*77-127*	"	"	"	"	
SV-24-009-5 (E405081-03) Vapor Sampled: 22-May-24 Received: 22-May-24									
1,1-Difluoroethane (LCC)	ND	5.5	ug/m3	1	EF40309	03-Jun-24	03-Jun-24	EPA TO-15	
Dichlorodifluoromethane (F12)	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	**6.9**	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	

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2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-009-5 (E405081-03) Vapor Sampled: 22-May-24 Received: 22-May-24									
Trichloroethene	ND	5.5	ug/m3	1	EF40309	03-Jun-24	03-Jun-24	EPA TO-15	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	**22**	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**11**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	ND	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	**9.2**	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	
o-Xylene	ND	4.4	"	"	"	"	"	"	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*99.4 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*94.6 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.3 %*		*77-127*	"	"	"	"	

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Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-010-5 (E405081-04) Vapor Sampled: 22-May-24 Received: 22-May-24									
1,1-Difluoroethane (LCC)	ND	5.5	ug/m3	1	EF40309	03-Jun-24	03-Jun-24	EPA TO-15	
Dichlorodifluoromethane (F12)	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	**4.3**	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	**12**	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**9.8**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	ND	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	**9.1**	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	

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Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-010-5 (E405081-04) Vapor Sampled: 22-May-24 Received: 22-May-24									
o-Xylene	ND	4.4	ug/m3	1	EF40309	03-Jun-24	03-Jun-24	EPA TO-15	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98.4 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*105 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.0 %*		*77-127*	"	"	"	"	
SV-24-007-5 (E405081-05) Vapor Sampled: 22-May-24 Received: 22-May-24									
1,1-Difluoroethane (LCC)	ND	5.5	ug/m3	1	EF40309	03-Jun-24	03-Jun-24	EPA TO-15	
Dichlorodifluoromethane (F12)	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	**6.6**	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	**11**	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	

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Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-007-5 (E405081-05) Vapor Sampled: 22-May-24 Received: 22-May-24									
Trichloroethene	ND	5.5	ug/m3	1	EF40309	03-Jun-24	03-Jun-24	EPA TO-15	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	**18**	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**17**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	**12**	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	ND	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	**5.0**	4.4	"	"	"	"	"	"	
m,p-Xylene	**11**	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	
o-Xylene	**5.6**	4.4	"	"	"	"	"	"	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*95.1 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*86.4 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*100 %*		*77-127*	"	"	"	"	

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Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-014-5 (E405081-08) Vapor Sampled: 22-May-24 Received: 22-May-24									
1,1-Difluoroethane (LCC)	ND	5.5	ug/m3	1	EF40309	03-Jun-24	03-Jun-24	EPA TO-15	
Dichlorodifluoromethane (F12)	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	**4.5**	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	**10**	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**7.6**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	**45**	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	**10**	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	

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Geochemistry Inc.

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Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
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Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-014-5 (E405081-08) Vapor Sampled: 22-May-24 Received: 22-May-24									
o-Xylene	**5.3**	4.4	ug/m3	1	EF40309	03-Jun-24	03-Jun-24	EPA TO-15	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97.0 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*101 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*		*77-127*	"	"	"	"	
SV-24-012-5 (E405081-09) Vapor Sampled: 22-May-24 Received: 22-May-24									
1,1-Difluoroethane (LCC)	ND	5.5	ug/m3	1	EF40309	03-Jun-24	03-Jun-24	EPA TO-15	
Dichlorodifluoromethane (F12)	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	**4.9**	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	

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2470 Impala Drive
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760-804-9678 Phone
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SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-012-5 (E405081-09) Vapor Sampled: 22-May-24 Received: 22-May-24									
Trichloroethene	ND	5.5	ug/m3	1	EF40309	03-Jun-24	03-Jun-24	EPA TO-15	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**9.6**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	ND	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	ND	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	
o-Xylene	ND	4.4	"	"	"	"	"	"	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98.8 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*106 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*		*77-127*	"	"	"	"	

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Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-011-5 (E405081-11) Vapor Sampled: 22-May-24 Received: 22-May-24									
1,1-Difluoroethane (LCC)	ND	5.5	ug/m3	1	EF40309	03-Jun-24	03-Jun-24	EPA TO-15	
Dichlorodifluoromethane (F12)	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	**48**	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	**57**	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	**28**	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**88**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	ND	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	**14**	4.4	"	"	"	"	"	"	
m,p-Xylene	**30**	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	

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Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-011-5 (E405081-11) Vapor Sampled: 22-May-24 Received: 22-May-24									
o-Xylene	**14**	4.4	ug/m3	1	EF40309	03-Jun-24	03-Jun-24	EPA TO-15	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**5.2**	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*95.9 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*97.9 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.1 %*		*77-127*	"	"	"	"	
SV-24-006-5 (E405082-01) Vapor Sampled: 23-May-24 Received: 23-May-24									
1,1-Difluoroethane (LCC)	ND	5.5	ug/m3	1	EF40309	03-Jun-24	03-Jun-24	EPA TO-15	
Dichlorodifluoromethane (F12)	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	**45**	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	**38**	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	

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Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-006-5 (E405082-01) Vapor Sampled: 23-May-24 Received: 23-May-24									
Trichloroethene	ND	5.5	ug/m3	1	EF40309	03-Jun-24	03-Jun-24	EPA TO-15	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	**61**	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**59**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	**7.3**	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	**14**	4.4	"	"	"	"	"	"	
m,p-Xylene	**37**	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	
o-Xylene	**17**	4.4	"	"	"	"	"	"	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	**12**	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**15**	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**44**	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98.8 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*103 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*105 %*		*77-127*	"	"	"	"	

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Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by EPA TO-15

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-013-5 (E405082-02) Vapor Sampled: 23-May-24 Received: 23-May-24									
1,1-Difluoroethane (LCC)	ND	5.5	ug/m3	1	EF40309	03-Jun-24	03-Jun-24	EPA TO-15	
Dichlorodifluoromethane (F12)	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	**8.4**	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	**6.0**	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	**32**	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**13**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	**10**	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	**4.7**	4.4	"	"	"	"	"	"	
m,p-Xylene	**15**	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	

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Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-013-5 (E405082-02) Vapor Sampled: 23-May-24 Received: 23-May-24									
o-Xylene	**8.5**	4.4	ug/m3	1	EF40309	03-Jun-24	03-Jun-24	EPA TO-15	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	**11**	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**16**	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**48**	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*95.1 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*105 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*106 %*		*77-127*	"	"	"	"	
SV-24-015-5 (E405082-03) Vapor Sampled: 23-May-24 Received: 23-May-24									
1,1-Difluoroethane (LCC)	ND	5.5	ug/m3	1	EF40309	03-Jun-24	03-Jun-24	EPA TO-15	
Dichlorodifluoromethane (F12)	**5.5**	5.0	"	"	"	"	"	"	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	ND	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	

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Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-015-5 (E405082-03) Vapor Sampled: 23-May-24 Received: 23-May-24									
Trichloroethene	ND	5.5	ug/m3	1	EF40309	03-Jun-24	03-Jun-24	EPA TO-15	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	**34**	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**5.3**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	**11**	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	ND	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	
o-Xylene	**5.0**	4.4	"	"	"	"	"	"	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	**11**	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**18**	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**53**	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*104 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*107 %*		*77-127*	"	"	"	"	

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760-804-9159 Fax

SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-016-5 (E405082-04) Vapor Sampled: 23-May-24 Received: 23-May-24									
1,1-Difluoroethane (LCC)	ND	5.5	ug/m3	1	EF40309	03-Jun-24	03-Jun-24	EPA TO-15	
Dichlorodifluoromethane (F12)	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	**6.1**	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	**20**	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**9.2**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	**7.4**	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	**11**	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	

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SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-016-5 (E405082-04) Vapor Sampled: 23-May-24 Received: 23-May-24									
o-Xylene	**6.6**	4.4	ug/m3	1	EF40309	03-Jun-24	03-Jun-24	EPA TO-15	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	**6.0**	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**8.1**	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**23**	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*94.7 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*90.6 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*106 %*		*77-127*	"	"	"	"	
SV-24-019-5 (E405082-05) Vapor Sampled: 23-May-24 Received: 23-May-24									
1,1-Difluoroethane (LCC)	ND	5.5	ug/m3	1	EF40309	03-Jun-24	03-Jun-24	EPA TO-15	
Dichlorodifluoromethane (F12)	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	**4.0**	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	

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Geochemistry Inc.

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Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-019-5 (E405082-05) Vapor Sampled: 23-May-24 Received: 23-May-24									
Trichloroethene	ND	5.5	ug/m3	1	EF40309	03-Jun-24	03-Jun-24	EPA TO-15	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	**18**	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**7.7**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	**20**	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	**12**	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	
o-Xylene	**6.1**	4.4	"	"	"	"	"	"	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	**5.3**	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**7.6**	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**23**	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97.1 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*104 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*		*77-127*	"	"	"	"	

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Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by EPA TO-15

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-018-5 (E405082-06) Vapor Sampled: 23-May-24 Received: 23-May-24									
1,1-Difluoroethane (LCC)	ND	5.5	ug/m3	1	EF40309	03-Jun-24	04-Jun-24	EPA TO-15	
Dichlorodifluoromethane (F12)	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	**280**	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**18**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	**20**	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	**26**	4.4	"	"	"	"	"	"	
m,p-Xylene	**150**	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	

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Geochemistry Inc.

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Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-018-5 (E405082-06) Vapor Sampled: 23-May-24 Received: 23-May-24									
o-Xylene	**74**	4.4	ug/m3	1	EF40309	03-Jun-24	04-Jun-24	EPA TO-15	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	**8.3**	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**17**	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**33**	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*100 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*99.7 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*105 %*		*77-127*	"	"	"	"	
SV-24-020-2.5 (E405082-07) Vapor Sampled: 23-May-24 Received: 23-May-24									
1,1-Difluoroethane (LCC)	ND	5.5	ug/m3	1	EF40309	03-Jun-24	03-Jun-24	EPA TO-15	
Dichlorodifluoromethane (F12)	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	**13**	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	**84**	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	**56**	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	

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Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-020-2.5 (E405082-07) Vapor Sampled: 23-May-24 Received: 23-May-24									
Trichloroethene	ND	5.5	ug/m3	1	EF40309	03-Jun-24	03-Jun-24	EPA TO-15	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	**57**	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**100**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	**21**	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	**36**	4.4	"	"	"	"	"	"	
m,p-Xylene	**74**	8.8	"	"	"	"	"	"	
Styrene	**17**	4.3	"	"	"	"	"	"	
o-Xylene	**39**	4.4	"	"	"	"	"	"	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	**26**	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**31**	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**82**	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*93.7 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*86.2 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*		*77-127*	"	"	"	"	

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Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-024-5 (E405082-08) Vapor Sampled: 23-May-24 Received: 23-May-24									
1,1-Difluoroethane (LCC)	**23**	5.5	ug/m3	1	EF40309	03-Jun-24	03-Jun-24	EPA TO-15	
Dichlorodifluoromethane (F12)	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	**7.9**	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	**41**	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**12**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	**41**	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	**11**	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	

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Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-024-5 (E405082-08) Vapor Sampled: 23-May-24 Received: 23-May-24									
o-Xylene	**5.8**	4.4	ug/m3	1	EF40309	03-Jun-24	03-Jun-24	EPA TO-15	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	**8.3**	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**12**	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**33**	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*91.6 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*103 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*		*77-127*	"	"	"	"	
SV-24-024-5 Rep (E405082-09) Vapor Sampled: 23-May-24 Received: 23-May-24									
1,1-Difluoroethane (LCC)	ND	5.5	ug/m3	1	EF40309	03-Jun-24	03-Jun-24	EPA TO-15	
Dichlorodifluoromethane (F12)	ND	5.0	"	"	"	"	"	"	
Chloromethane	**2.1**	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	**41**	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	**8.4**	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	

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Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-024-5 Rep (E405082-09) Vapor	**Sampled: 23-May-24**	**Received: 23-May-24**							
Trichloroethene	ND	5.5	ug/m3	1	EF40309	03-Jun-24	03-Jun-24	EPA TO-15	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	**41**	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**14**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	**13**	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	**39**	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	**11**	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	
o-Xylene	**6.3**	4.4	"	"	"	"	"	"	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	**9.9**	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**13**	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**38**	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*103 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*103 %*		*77-127*	"	"	"	"	

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Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-021-5 (E405080-05) Vapor Sampled: 21-May-24 Received: 21-May-24									**R-05**
1,1-Difluoroethane (LCC)	ND	5000	ug/m3	0.5	EF40511	04-Jun-24	04-Jun-24	H&P 8260SV	
2-Butanone (MEK)	ND	25000	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	25000	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	25000	"	"	"	"	"	"	
Dichlorodifluoromethane (F12)	ND	5000	"	"	"	"	"	"	
Chloromethane	ND	5000	"	"	"	"	"	"	
Vinyl chloride	ND	500	"	"	"	"	"	"	
Bromomethane	ND	5000	"	"	"	"	"	"	
Chloroethane	ND	5000	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5000	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5000	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	5000	"	"	"	"	"	"	
Carbon disulfide	ND	5000	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	5000	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5000	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5000	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5000	"	"	"	"	"	"	
Chloroform	ND	1000	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5000	"	"	"	"	"	"	
Carbon tetrachloride	ND	1000	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1000	"	"	"	"	"	"	
Benzene	**14000**	1000	"	"	"	"	"	"	
Trichloroethene	ND	1000	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5000	"	"	"	"	"	"	
Bromodichloromethane	ND	5000	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5000	"	"	"	"	"	"	
Toluene	ND	10000	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5000	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5000	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5000	"	"	"	"	"	"	
Tetrachloroethene	ND	1000	"	"	"	"	"	"	
Dibromochloromethane	ND	5000	"	"	"	"	"	"	
Chlorobenzene	ND	1000	"	"	"	"	"	"	
Ethylbenzene	ND	5000	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5000	"	"	"	"	"	"	
m,p-Xylene	ND	5000	"	"	"	"	"	"	
o-Xylene	ND	5000	"	"	"	"	"	"	
Styrene	ND	5000	"	"	"	"	"	"	

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Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-021-5 (E405080-05) Vapor Sampled: 21-May-24 Received: 21-May-24									**R-05**
Bromoform	ND	5000	ug/m3	0.5	EF40511	04-Jun-24	04-Jun-24	H&P 8260SV	
1,1,2,2-Tetrachloroethane	ND	5000	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5000	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5000	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5000	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5000	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5000	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5000	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*101 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*115 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*114 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92.0 %*		*75-125*	"	"	"	"	
SV-24-021-5 Dup (E405080-06) Vapor Sampled: 21-May-24 Received: 21-May-24									**R-05**
1,1-Difluoroethane (LCC)	ND	5000	ug/m3	0.5	EF40511	04-Jun-24	04-Jun-24	H&P 8260SV	
2-Butanone (MEK)	ND	25000	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	25000	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	25000	"	"	"	"	"	"	
Dichlorodifluoromethane (F12)	ND	5000	"	"	"	"	"	"	
Chloromethane	ND	5000	"	"	"	"	"	"	
Vinyl chloride	ND	500	"	"	"	"	"	"	
Bromomethane	ND	5000	"	"	"	"	"	"	
Chloroethane	ND	5000	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5000	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5000	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	5000	"	"	"	"	"	"	
Carbon disulfide	ND	5000	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	5000	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5000	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5000	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5000	"	"	"	"	"	"	
Chloroform	ND	1000	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5000	"	"	"	"	"	"	
Carbon tetrachloride	ND	1000	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1000	"	"	"	"	"	"	
Benzene	**14000**	1000	"	"	"	"	"	"	

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Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

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8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
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Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-021-5 Dup (E405080-06) Vapor	**Sampled: 21-May-24**	**Received: 21-May-24**							**R-05**
Trichloroethene	ND	1000	ug/m3	0.5	EF40511	04-Jun-24	04-Jun-24	H&P 8260SV	
1,2-Dichloropropane	ND	5000	"	"	"	"	"	"	
Bromodichloromethane	ND	5000	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5000	"	"	"	"	"	"	
Toluene	ND	10000	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5000	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5000	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5000	"	"	"	"	"	"	
Tetrachloroethene	ND	1000	"	"	"	"	"	"	
Dibromochloromethane	ND	5000	"	"	"	"	"	"	
Chlorobenzene	ND	1000	"	"	"	"	"	"	
Ethylbenzene	ND	5000	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5000	"	"	"	"	"	"	
m,p-Xylene	ND	5000	"	"	"	"	"	"	
o-Xylene	ND	5000	"	"	"	"	"	"	
Styrene	ND	5000	"	"	"	"	"	"	
Bromoform	ND	5000	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5000	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5000	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5000	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5000	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5000	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5000	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5000	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*103 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*116 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*114 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90.2 %*	*75-125*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-023-5 (E405081-06) Vapor Sampled: 22-May-24 Received: 22-May-24									**R-05**
1,1-Difluoroethane (LCC)	ND	5000	ug/m3	0.5	EF40511	04-Jun-24	04-Jun-24	H&P 8260SV	
2-Butanone (MEK)	ND	25000	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	25000	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	25000	"	"	"	"	"	"	
Dichlorodifluoromethane (F12)	ND	5000	"	"	"	"	"	"	
Chloromethane	ND	5000	"	"	"	"	"	"	
Vinyl chloride	ND	500	"	"	"	"	"	"	
Bromomethane	ND	5000	"	"	"	"	"	"	
Chloroethane	ND	5000	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5000	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5000	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	5000	"	"	"	"	"	"	
Carbon disulfide	ND	5000	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	5000	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5000	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5000	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5000	"	"	"	"	"	"	
Chloroform	ND	1000	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5000	"	"	"	"	"	"	
Carbon tetrachloride	ND	1000	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1000	"	"	"	"	"	"	
Benzene	**38000**	1000	"	"	"	"	"	"	
Trichloroethene	ND	1000	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5000	"	"	"	"	"	"	
Bromodichloromethane	ND	5000	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5000	"	"	"	"	"	"	
Toluene	ND	10000	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5000	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5000	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5000	"	"	"	"	"	"	
Tetrachloroethene	ND	1000	"	"	"	"	"	"	
Dibromochloromethane	ND	5000	"	"	"	"	"	"	
Chlorobenzene	ND	1000	"	"	"	"	"	"	
Ethylbenzene	ND	5000	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5000	"	"	"	"	"	"	
m,p-Xylene	**9100**	5000	"	"	"	"	"	"	
o-Xylene	ND	5000	"	"	"	"	"	"	
Styrene	ND	5000	"	"	"	"	"	"	

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Carlsbad, CA 92010
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760-804-9159 Fax

SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-023-5 (E405081-06) Vapor Sampled: 22-May-24 Received: 22-May-24									**R-05**
Bromoform	ND	5000	ug/m3	0.5	EF40511	04-Jun-24	04-Jun-24	H&P 8260SV	
1,1,2,2-Tetrachloroethane	ND	5000	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5000	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5000	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5000	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5000	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5000	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5000	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*95.2 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*114 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*118 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.1 %*		*75-125*	"	"	"	"	
SV-24-022-5 (E405081-07) Vapor Sampled: 22-May-24 Received: 22-May-24									**R-05**
1,1-Difluoroethane (LCC)	ND	1000	ug/m3	0.1	EF40511	04-Jun-24	04-Jun-24	H&P 8260SV	
2-Butanone (MEK)	ND	5000	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	5000	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	5000	"	"	"	"	"	"	
Dichlorodifluoromethane (F12)	ND	1000	"	"	"	"	"	"	
Chloromethane	ND	1000	"	"	"	"	"	"	
Vinyl chloride	ND	100	"	"	"	"	"	"	
Bromomethane	ND	1000	"	"	"	"	"	"	
Chloroethane	ND	1000	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	1000	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1000	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	1000	"	"	"	"	"	"	
Carbon disulfide	ND	1000	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	1000	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1000	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1000	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1000	"	"	"	"	"	"	
Chloroform	ND	200	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1000	"	"	"	"	"	"	
Carbon tetrachloride	ND	200	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	200	"	"	"	"	"	"	
Benzene	**2400**	200	"	"	"	"	"	"	

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Carlsbad, CA 92010
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SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-022-5 (E405081-07) Vapor Sampled: 22-May-24 Received: 22-May-24									**R-05**
Trichloroethene	ND	200	ug/m3	0.1	EF40511	04-Jun-24	04-Jun-24	H&P 8260SV	
1,2-Dichloropropane	ND	1000	"	"	"	"	"	"	
Bromodichloromethane	ND	1000	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1000	"	"	"	"	"	"	
Toluene	ND	2000	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1000	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1000	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1000	"	"	"	"	"	"	
Tetrachloroethene	ND	200	"	"	"	"	"	"	
Dibromochloromethane	ND	1000	"	"	"	"	"	"	
Chlorobenzene	ND	200	"	"	"	"	"	"	
Ethylbenzene	ND	1000	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1000	"	"	"	"	"	"	
m,p-Xylene	ND	1000	"	"	"	"	"	"	
o-Xylene	ND	1000	"	"	"	"	"	"	
Styrene	ND	1000	"	"	"	"	"	"	
Bromoform	ND	1000	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1000	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1000	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1000	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1000	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1000	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1000	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1000	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*95.1 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*113 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*113 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92.8 %*		*75-125*	"	"	"	"	

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SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-023-5 Dup (E405081-10) Vapor	**Sampled: 22-May-24**	**Received: 22-May-24**							**R-05**
1,1-Difluoroethane (LCC)	ND	5000	ug/m3	0.5	EF40511	04-Jun-24	04-Jun-24	H&P 8260SV	
2-Butanone (MEK)	ND	25000	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	25000	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	25000	"	"	"	"	"	"	
Dichlorodifluoromethane (F12)	ND	5000	"	"	"	"	"	"	
Chloromethane	ND	5000	"	"	"	"	"	"	
Vinyl chloride	ND	500	"	"	"	"	"	"	
Bromomethane	ND	5000	"	"	"	"	"	"	
Chloroethane	ND	5000	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5000	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5000	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	5000	"	"	"	"	"	"	
Carbon disulfide	ND	5000	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	5000	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5000	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5000	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5000	"	"	"	"	"	"	
Chloroform	ND	1000	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5000	"	"	"	"	"	"	
Carbon tetrachloride	ND	1000	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1000	"	"	"	"	"	"	
Benzene	**34000**	1000	"	"	"	"	"	"	
Trichloroethene	ND	1000	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5000	"	"	"	"	"	"	
Bromodichloromethane	ND	5000	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5000	"	"	"	"	"	"	
Toluene	ND	10000	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5000	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5000	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5000	"	"	"	"	"	"	
Tetrachloroethene	ND	1000	"	"	"	"	"	"	
Dibromochloromethane	ND	5000	"	"	"	"	"	"	
Chlorobenzene	ND	1000	"	"	"	"	"	"	
Ethylbenzene	ND	5000	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5000	"	"	"	"	"	"	
m,p-Xylene	**8000**	5000	"	"	"	"	"	"	
o-Xylene	ND	5000	"	"	"	"	"	"	
Styrene	ND	5000	"	"	"	"	"	"	

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SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by H&P 8260SV

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-023-5 Dup (E405081-10) Vapor	**Sampled: 22-May-24**	**Received: 22-May-24**							**R-05**
Bromoform	ND	5000	ug/m3	0.5	EF40511	04-Jun-24	04-Jun-24	H&P 8260SV	
1,1,2,2-Tetrachloroethane	ND	5000	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5000	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5000	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5000	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5000	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5000	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5000	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*92.9 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*114 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*115 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.4 %*		*75-125*	"	"	"	"	

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San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EE43102 - TO-15										
Blank (EE43102-BLK1)				Prepared & Analyzed: 31-May-24						
1,1-Difluoroethane (LCC)	ND	5.5	ug/m3							
Dichlorodifluoromethane (F12)	ND	5.0	"							
Chloromethane	ND	2.1	"							
Dichlorotetrafluoroethane (F114)	ND	7.1	"							
Vinyl chloride	ND	2.6	"							
Bromomethane	ND	16	"							
Chloroethane	ND	8.0	"							
Trichlorofluoromethane (F11)	ND	5.6	"							
1,1-Dichloroethene	ND	4.0	"							
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"							
Methylene chloride (Dichloromethane)	ND	3.5	"							
Carbon disulfide	ND	6.3	"							
trans-1,2-Dichloroethene	ND	8.0	"							
1,1-Dichloroethane	ND	4.1	"							
2-Butanone (MEK)	ND	30	"							
cis-1,2-Dichloroethene	ND	4.0	"							
Chloroform	ND	4.9	"							
1,1,1-Trichloroethane	ND	5.5	"							
1,2-Dichloroethane (EDC)	ND	4.1	"							
Benzene	ND	3.2	"							
Carbon tetrachloride	ND	6.4	"							
Trichloroethene	ND	5.5	"							
1,2-Dichloropropane	ND	9.4	"							
Bromodichloromethane	ND	6.8	"							
cis-1,3-Dichloropropene	ND	4.6	"							
4-Methyl-2-pentanone (MIBK)	ND	8.3	"							
trans-1,3-Dichloropropene	ND	4.6	"							
Toluene	ND	3.8	"							
1,1,2-Trichloroethane	ND	5.5	"							
2-Hexanone (MBK)	ND	8.3	"							
Dibromochloromethane	ND	8.6	"							
Tetrachloroethene	ND	6.9	"							
1,2-Dibromoethane (EDB)	ND	7.8	"							
1,1,1,2-Tetrachloroethane	ND	7.0	"							

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Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EE43102 - TO-15										
Blank (EE43102-BLK1)				Prepared & Analyzed: 31-May-24						
Chlorobenzene	ND	4.7	ug/m3							
Ethylbenzene	ND	4.4	"							
m,p-Xylene	ND	8.8	"							
Styrene	ND	4.3	"							
o-Xylene	ND	4.4	"							
Bromoform	ND	10	"							
1,1,2,2-Tetrachloroethane	ND	7.0	"							
4-Ethyltoluene	ND	5.0	"							
1,3,5-Trimethylbenzene	ND	5.0	"							
1,2,4-Trimethylbenzene	ND	5.0	"							
1,3-Dichlorobenzene	ND	12	"							
1,4-Dichlorobenzene	ND	12	"							
1,2-Dichlorobenzene	ND	12	"							
1,2,4-Trichlorobenzene	ND	38	"							
Hexachlorobutadiene	ND	54	"							
Surrogate: 1,2-Dichloroethane-d4	*208*		*"*	*214*		*97.2*	*76-134*			
Surrogate: Toluene-d8	*221*		*"*	*208*		*106*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*388*		*"*	*363*		*107*	*77-127*			
LCS (EE43102-BS1)				Prepared & Analyzed: 31-May-24						
Dichlorodifluoromethane (F12)	83	5.0	ug/m3	101		82.2	59-128			
Vinyl chloride	44	2.6	"	52.0		85.4	64-127			
Chloroethane	56	8.0	"	53.6		104	63-127			
Trichlorofluoromethane (F11)	110	5.6	"	113		93.4	62-126			
1,1-Dichloroethene	77	4.0	"	80.8		95.3	61-133			
1,1,2-Trichlorotrifluoroethane (F113)	170	7.7	"	155		112	66-126			
Methylene chloride (Dichloromethane)	67	3.5	"	70.8		95.2	62-115			
trans-1,2-Dichloroethene	77	8.0	"	80.8		94.9	67-124			
1,1-Dichloroethane	79	4.1	"	82.4		96.1	68-126			
cis-1,2-Dichloroethene	75	4.0	"	80.0		94.2	70-121			
Chloroform	93	4.9	"	99.2		93.6	68-123			
1,1,1-Trichloroethane	100	5.5	"	111		90.3	68-125			
1,2-Dichloroethane (EDC)	76	4.1	"	82.4		91.8	65-128			

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Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EE43102 - TO-15										
LCS (EE43102-BS1)				Prepared & Analyzed: 31-May-24						
Benzene	59	3.2	ug/m3	64.8		90.7	69-119			
Carbon tetrachloride	130	6.4	"	128		102	68-132			
Trichloroethene	100	5.5	"	110		94.0	71-123			
Toluene	73	3.8	"	76.8		95.2	66-119			
1,1,2-Trichloroethane	110	5.5	"	111		95.5	73-119			
Tetrachloroethene	130	6.9	"	138		91.4	66-124			
1,1,1,2-Tetrachloroethane	150	7.0	"	140		109	67-129			
Ethylbenzene	90	4.4	"	88.4		102	70-124			
m,p-Xylene	110	8.8	"	88.4		121	61-134			
o-Xylene	85	4.4	"	88.4		96.1	67-125			
1,1,2,2-Tetrachloroethane	150	7.0	"	140		108	65-127			
Surrogate: 1,2-Dichloroethane-d4	*214*		*"*	*214*		*100*	*76-134*			
Surrogate: Toluene-d8	*198*		*"*	*208*		*95.1*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*394*		*"*	*363*		*109*	*77-127*			
Batch EF40309 - TO-15										
Blank (EF40309-BLK1)				Prepared & Analyzed: 03-Jun-24						
1,1-Difluoroethane (LCC)	ND	5.5	ug/m3							
Dichlorodifluoromethane (F12)	ND	5.0	"							
Chloromethane	ND	2.1	"							
Dichlorotetrafluoroethane (F114)	ND	7.1	"							
Vinyl chloride	ND	2.6	"							
Bromomethane	ND	16	"							
Chloroethane	ND	8.0	"							
Trichlorofluoromethane (F11)	ND	5.6	"							
1,1-Dichloroethene	ND	4.0	"							
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"							
Methylene chloride (Dichloromethane)	ND	3.5	"							
Carbon disulfide	ND	6.3	"							
trans-1,2-Dichloroethene	ND	8.0	"							
1,1-Dichloroethane	ND	4.1	"							
2-Butanone (MEK)	ND	30	"							

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2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

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Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EF40309 - TO-15										
Blank (EF40309-BLK1)				Prepared & Analyzed: 03-Jun-24						
cis-1,2-Dichloroethene	ND	4.0	ug/m3							
Chloroform	ND	4.9	"							
1,1,1-Trichloroethane	ND	5.5	"							
1,2-Dichloroethane (EDC)	ND	4.1	"							
Benzene	ND	3.2	"							
Carbon tetrachloride	ND	6.4	"							
Trichloroethene	ND	5.5	"							
1,2-Dichloropropane	ND	9.4	"							
Bromodichloromethane	ND	6.8	"							
cis-1,3-Dichloropropene	ND	4.6	"							
4-Methyl-2-pentanone (MIBK)	ND	8.3	"							
trans-1,3-Dichloropropene	ND	4.6	"							
Toluene	ND	3.8	"							
1,1,2-Trichloroethane	ND	5.5	"							
2-Hexanone (MBK)	ND	8.3	"							
Dibromochloromethane	ND	8.6	"							
Tetrachloroethene	ND	6.9	"							
1,2-Dibromoethane (EDB)	ND	7.8	"							
1,1,1,2-Tetrachloroethane	ND	7.0	"							
Chlorobenzene	ND	4.7	"							
Ethylbenzene	ND	4.4	"							
m,p-Xylene	ND	8.8	"							
Styrene	ND	4.3	"							
o-Xylene	ND	4.4	"							
Bromoform	ND	10	"							
1,1,2,2-Tetrachloroethane	ND	7.0	"							
4-Ethyltoluene	ND	5.0	"							
1,3,5-Trimethylbenzene	ND	5.0	"							
1,2,4-Trimethylbenzene	ND	5.0	"							
1,3-Dichlorobenzene	ND	12	"							
1,4-Dichlorobenzene	ND	12	"							
1,2-Dichlorobenzene	ND	12	"							
1,2,4-Trichlorobenzene	ND	38	"							
Hexachlorobutadiene	ND	54	"							

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Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
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SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EF40309 - TO-15										
Blank (EF40309-BLK1)				Prepared & Analyzed: 03-Jun-24						
Surrogate: 1,2-Dichloroethane-d4	*210*		*ug/m3*	*214*		*98.1*	*76-134*			
Surrogate: Toluene-d8	*223*		*"*	*208*		*108*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*382*		*"*	*363*		*105*	*77-127*			
LCS (EF40309-BS1)				Prepared & Analyzed: 03-Jun-24						
Dichlorodifluoromethane (F12)	80	5.0	ug/m3	101		79.1	59-128			
Vinyl chloride	44	2.6	"	52.0		85.4	64-127			
Chloroethane	55	8.0	"	53.6		103	63-127			
Trichlorofluoromethane (F11)	100	5.6	"	113		89.3	62-126			
1,1-Dichloroethene	64	4.0	"	80.8		78.6	61-133			
1,1,2-Trichlorotrifluoroethane (F113)	120	7.7	"	155		75.8	66-126			
Methylene chloride (Dichloromethane)	68	3.5	"	70.8		96.5	62-115			
trans-1,2-Dichloroethene	71	8.0	"	80.8		88.4	67-124			
1,1-Dichloroethane	76	4.1	"	82.4		92.0	68-126			
cis-1,2-Dichloroethene	75	4.0	"	80.0		93.8	70-121			
Chloroform	88	4.9	"	99.2		89.0	68-123			
1,1,1-Trichloroethane	98	5.5	"	111		88.1	68-125			
1,2-Dichloroethane (EDC)	73	4.1	"	82.4		89.1	65-128			
Benzene	57	3.2	"	64.8		87.6	69-119			
Carbon tetrachloride	120	6.4	"	128		96.3	68-132			
Trichloroethene	98	5.5	"	110		89.2	71-123			
Toluene	70	3.8	"	76.8		90.9	66-119			
1,1,2-Trichloroethane	100	5.5	"	111		90.8	73-119			
Tetrachloroethene	120	6.9	"	138		87.6	66-124			
1,1,1,2-Tetrachloroethane	150	7.0	"	140		105	67-129			
Ethylbenzene	84	4.4	"	88.4		95.3	70-124			
m,p-Xylene	95	8.8	"	88.4		108	61-134			
o-Xylene	76	4.4	"	88.4		86.3	67-125			
1,1,2,2-Tetrachloroethane	140	7.0	"	140		99.6	65-127			
Surrogate: 1,2-Dichloroethane-d4	*217*		*"*	*214*		*102*	*76-134*			
Surrogate: Toluene-d8	*203*		*"*	*208*		*97.8*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*382*		*"*	*363*		*105*	*77-127*			

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Carlsbad, CA 92010
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SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch EF40309 - TO-15

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SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EF40511 - EPA 5030										
Blank (EF40511-BLK1)				Prepared & Analyzed: 04-Jun-24						
1,1-Difluoroethane (LCC)	ND	400	ug/m3							
2-Butanone (MEK)	ND	2000	"							
2-Hexanone (MBK)	ND	2000	"							
4-Methyl-2-pentanone (MIBK)	ND	2000	"							
Dichlorodifluoromethane (F12)	ND	400	"							
Chloromethane	ND	400	"							
Vinyl chloride	ND	40	"							
Bromomethane	ND	400	"							
Chloroethane	ND	400	"							
Trichlorofluoromethane (F11)	ND	400	"							
1,1-Dichloroethene	ND	400	"							
1,1,2 Trichlorotrifluoroethane (F113)	ND	400	"							
Carbon disulfide	ND	400	"							
Methylene chloride (Dichloromethane)	ND	400	"							
trans-1,2-Dichloroethene	ND	400	"							
1,1-Dichloroethane	ND	400	"							
cis-1,2-Dichloroethene	ND	400	"							
Chloroform	ND	80	"							
1,1,1-Trichloroethane	ND	400	"							
Carbon tetrachloride	ND	80	"							
1,2-Dichloroethane (EDC)	ND	80	"							
Benzene	ND	80	"							
Trichloroethene	ND	80	"							
1,2-Dichloropropane	ND	400	"							
Bromodichloromethane	ND	400	"							
cis-1,3-Dichloropropene	ND	400	"							
Toluene	ND	800	"							
trans-1,3-Dichloropropene	ND	400	"							
1,1,2-Trichloroethane	ND	400	"							
1,2-Dibromoethane (EDB)	ND	400	"							
Tetrachloroethene	ND	80	"							
Dibromochloromethane	ND	400	"							
Chlorobenzene	ND	80	"							
Ethylbenzene	ND	400	"							

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SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EF40511 - EPA 5030										
Blank (EF40511-BLK1)				Prepared & Analyzed: 04-Jun-24						
1,1,1,2-Tetrachloroethane	ND	400	ug/m3							
m,p-Xylene	ND	400	"							
o-Xylene	ND	400	"							
Styrene	ND	400	"							
Bromoform	ND	400	"							
1,1,2,2-Tetrachloroethane	ND	400	"							
1,3,5-Trimethylbenzene	ND	400	"							
1,2,4-Trimethylbenzene	ND	400	"							
1,3-Dichlorobenzene	ND	400	"							
1,4-Dichlorobenzene	ND	400	"							
1,2-Dichlorobenzene	ND	400	"							
1,2,4-Trichlorobenzene	ND	400	"							
Hexachlorobutadiene	ND	400	"							
Surrogate: Dibromofluoromethane	*2020*		*"*	*2000*		*101*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*2140*		*"*	*2000*		*107*	*75-125*			
Surrogate: Toluene-d8	*2170*		*"*	*2000*		*108*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*1870*		*"*	*2000*		*93.4*	*75-125*			
LCS (EF40511-BS1)				Prepared & Analyzed: 04-Jun-24						
Dichlorodifluoromethane (F12)	1600	400	ug/m3	4000		40.7	70-130			QL-1L
Vinyl chloride	3300	40	"	4000		81.9	70-130			
Chloroethane	3900	400	"	4000		97.3	70-130			
Trichlorofluoromethane (F11)	3800	400	"	4000		95.9	70-130			
1,1-Dichloroethene	4000	400	"	4000		101	70-130			
1,1,2 Trichlorotrifluoroethane (F113)	3900	400	"	4000		98.5	70-130			
Methylene chloride (Dichloromethane)	3700	400	"	4000		91.4	70-130			
trans-1,2-Dichloroethene	4100	400	"	4000		103	70-130			
1,1-Dichloroethane	4300	400	"	4000		108	70-130			
cis-1,2-Dichloroethene	4200	400	"	4000		106	70-130			
Chloroform	4400	80	"	4000		110	70-130			
1,1,1-Trichloroethane	4300	400	"	4000		108	70-130			
Carbon tetrachloride	4100	80	"	4000		104	70-130			
1,2-Dichloroethane (EDC)	4700	80	"	4000		116	70-130			

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Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EF40511 - EPA 5030										
LCS (EF40511-BS1)				Prepared & Analyzed: 04-Jun-24						
Benzene	4200	80	ug/m3	4000		106	70-130			
Trichloroethene	4400	80	"	4000		111	70-130			
Toluene	4300	800	"	4000		109	70-130			
1,1,2-Trichloroethane	4100	400	"	4000		102	70-130			
Tetrachloroethene	3700	80	"	4000		93.6	70-130			
Ethylbenzene	3700	400	"	4000		93.7	70-130			
1,1,1,2-Tetrachloroethane	3700	400	"	4000		91.6	70-130			
m,p-Xylene	7500	400	"	8000		94.3	70-130			
o-Xylene	3800	400	"	4000		93.9	70-130			
1,1,2,2-Tetrachloroethane	3500	400	"	4000		88.1	70-130			
Surrogate: Dibromofluoromethane	*2030*		"	*2000*		*101*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*2040*		"	*2000*		*102*	*75-125*			
Surrogate: Toluene-d8	*2180*		"	*2000*		*109*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*1860*		"	*2000*		*93.1*	*75-125*			

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SCS Engineers - San Diego	Project: SCS052424-10	
8799 Balboa Avenue, Suite 290	Project Number: Midway Rising	Reported:
San Diego, CA 92123	Project Manager: Chuck Houser	05-Jun-24 12:20

Notes and Definitions

R-05	The sample was diluted due to the presence of high level(s) of non-target analyte(s) resulting in elevated reporting limits.
QL-1L	The LCS and/or LCSD recoveries fell below the established control specifications for this analyte. Any result for this compound is qualified and should be considered biased low.
LCC	Leak Check Compound
ND	Analyte NOT DETECTED at or above the reporting limit
MDL	Method Detection Limit
%REC	Percent Recovery
RPD	Relative Percent Difference

Appendix

H&P Mobile Geochemistry, Inc. is approved as an Environmental Testing Laboratory and Mobile Laboratory in accordance with the DoD-ELAP Program and ISO/IEC 17025:2005 programs through PJLA, accreditation number 69070 for EPA Method TO-15 and H&P 8260SV.

H&P is approved by the State of Louisiana Department of Environmental Quality under the National Environmental Laboratory Accreditation Conference (NELAC) certification number 04138

The complete list of stationary and mobile laboratory certifications along with the fields of testing (FOTs) and analyte lists are available at www.handpmg.com/about/certifications.

Mobile Geochemistry, Inc.
2470 Impala Drive, Carlsbad, CA 92010
& Field Office - Signal Hill, CA
W handpmg.com E info@handpmg.com
P 760.804.9678 F 760.804.9159

VAPOR / AIR Chain of Custody

DATE: 5/21/24
Page 1 of 1

Lab Client and Project Information

Lab Client/Consultant: SCS Engineers	Project Name / #: Midway Rising
Lab Client Project Manager: Chuck Houser	Project Location: Sports Arena Blvd.
Lab Client Address: 8799 Balboa Ave #290	Report E-Mail(s): chouser@scsengineers.com
Lab Client City, State, Zip: San Diego, CA 92123	
Phone Number: ~~01214345.02~~ 01213320.07	

Reporting Requirements
- [x] Standard Report [ ] Level III [ ] Level IV
- [ ] Excel EDD [ ] Other EDD:
- [ ] CA Geotracker Global ID:

Turnaround Time
- [x] **Standard** (7 days for preliminary report, 10 days for final report)
- [ ] **Rush** (specify):

Sampler Information
Sampler(s): K. Schindler
Signature:
Date: 5/21/24

Sample Receipt (Lab Use Only)

Date Rec'd: 5/24/24 Control #: 240284.03
H&P Project #: SCS052424-10
Lab Work Order #: E405080
Sample Intact: [x] Yes [ ] No [ ] See Notes Below
Receipt Gauge ID: 60206 Temp: RT
Outside Lab:
Receipt Notes/Tracking #:
Lab PM Initials: SM

Additional Instructions to Laboratory: (*) Analyzed by ~~H&P~~ 8260SV 5/26/24

* *Preferred VOC units (please choose one):*
[ ] µg/L [x] µg/m³ [ ] ppbv [ ] ppmv

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa, Tedlar, Tube, etc.	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List [ ] 8260SV [x] TO-15	VOCs Short List / Project List [ ] 8260SV [ ] TO-15	Oxygenates [ ] 8260SV [ ] TO-15	Naphthalene [ ] 8260SV [ ] TO-15	TPHv as Gas [ ] 8260SVm [ ] TO-15m	Aromatic/Aliphatic Fractions [ ] 8260SVm [ ] TO-15m	Leak Check Compound [x] DFA [ ] IPA [ ] He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 [ ] CO2 [ ] O2 [ ] N2				
SV-24-001-5		5/21/24	1340	SV	400 ml SUMMA	473	-1	X						X							
SV-24-002-5			1358			463	-1	X						X							
SV-24-003-5			1424			459	-1	X						X							
SV-24-004-5			1453			480	-1	X						X							
SV-24-021-5 (*)			1509			485	-1	X						X							
SV-24-021-5 Dup (*)			1512			461	-1	X						X							
SV-24-017-5			1553			481	-1	X						X							

Approved/Relinquished by: W Tyler Overton	Company: SCS Engineers	Date: 5/23/24	Time: 1510	Received by:	Company: itl	Date: 5/21/24	Time: 1530
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back

H&P Mobile Geochemistry, Inc.
2470 Impala Drive, Carlsbad, CA 92010
& Field Office - Signal Hill, CA
W handpmg.com E info@handpmg.com
P 760.804.9678 F 760.804.9159

VAPOR / AIR Chain of Custody

DATE: 5/24/24

Lab Client and Project Information

Lab Client/Consultant: SCS Engineers	Project Name / #: Midway Rising
Lab Client Project Manager: Chuck House	Project Location: Sports Arena Blvd
Lab Client Address: 8799 Balboa Ave, Ste 290	Report E-Mail(s): chouse@scsengineers.com
Lab Client City, State, Zip: San Diego, CA 92123	
Phone Number: 01213320.07	

Reporting Requirements
- [x] Standard Report [ ] Level III [ ] Level IV
- [ ] Excel EDD [ ] Other EDD:
- [ ] CA Geotracker Global ID:

Turnaround Time
- [x] **Standard** (7 days for preliminary report, 10 days for final report)
- [ ] **Rush** (specify):

Sampler Information
Sampler(s): K. Schmidt
Signature:
Date: 5/22/24

Sample Receipt (Lab Use Only)

Date Rec'd: 5/24/24 Control #: 240284.03
H&P Project # SCS052424-10
Lab Work Order # E405080.1
Sample Intact: [x] Yes [ ] No [ ] See Notes Below
Receipt Gauge ID: 60206 Temp: RT
Outside Lab:
Receipt Notes/Tracking #:
Lab PM Initials: SM

Additional Instructions to Laboratory: (*) Analyzed by H&P 8260SV JE 6/5/24

*** Preferred VOC units (please choose one):**
[ ] µg/L [x] µg/m³ [ ] ppbv [ ] ppmv

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa, Tedlar, Tube, etc.	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List [ ] 8260SV [x] TO-15	VOCs Short List / Project List [ ] 8260SV [ ] TO-15	Oxygenates [ ] 8260SV [ ] TO-15	Naphthalene [ ] 8260SV [ ] TO-15	TPHv as Gas [ ] 8260SVm [ ] TO-15m	Aromatic/Aliphatic Fractions [ ] 8260SVm [ ] TO-15m	Leak Check Compound [x] DFA [ ] IPA [ ] He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 [ ] CO2 [ ] O2 [ ] N2				
SV-24-005-5		5/22/24	1201	SV	400ml Summa	487	-1	X						X							
SV-24-008-5			1224			488	-1	X						X							
SV-24-009-5			1240			486	-1	X						X							
SV-24-010-5			1257			491	-1	X						X							
SV-24-007-5			1313			548	-1	X						X							
SV-24-023-5 (*)			1335			538	-1	X						X							
SV-24-022-5 (*)			1347			496	0	X						X							
SV-24-014-5			1410			492	-1	X						X							
SV-24-012-5			1426			495	0	X						X							
SV-24-023-5 Dup (*)			1339			493	0	X						X							

Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:

[illegible]	SCS Engineers	5/23/24	1510	[illegible]	H&P	5/22/24	1500

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back

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2470 Impala Drive, Carlsbad, CA 92010
& Field Office - Signal Hill, CA
W handpmg.com E info@handpmg.com
P 760.804.9678 F 760.804.9159

VAPOR / AIR Chain of Custody

DATE: 5/22/24

Lab Client and Project Information

Lab Client/Consultant:	SCS Engineers
Lab Client Project Manager:	Chuck House
Lab Client Address:	8799 Balboa Ave, Ste 290
Lab Client City, State, Zip:	San Diego, CA 92123
Phone Number:	01213320.07
Project Name / #:	Midway Rising
Project Location:	Sports Arena Blvd
Report E-Mail(s):	chousea@scsengineers.com

Sample Receipt (Lab Use Only)

Date Rec'd:	5/24/24
Control #:	240 284.03
H&P Project #	SCS052424-10
Lab Work Order #	E405081
Sample Intact:	☒ Yes ☐ No ☐ See Notes Below
Receipt Gauge ID:	60206
Temp:	RT
Outside Lab:	
Receipt Notes/Tracking #:	
Lab PM Initials:	SM

Reporting Requirements

☒ Standard Report ☐ Level III ☐ Level IV
☐ Excel EDD ☐ Other EDD:
☐ CA Geotracker Global ID:

Turnaround Time

☒ **Standard** (7 days for preliminary report, 10 days for final report)
☐ **Rush** (specify):

Sampler Information

Sampler(s): K. Schwab
Signature: [signature]
Date: 5/22/24

Additional Instructions to Laboratory:

*** Preferred VOC units (please choose one):**
☐ µg/L ☒ µg/m³ ☐ ppbv ☐ ppmv

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa, Tedlar, Tube, etc.	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☐ 8260SV ☒ TO-15	VOCs Short List / Project List ☐ 8260SV ☐ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☐ TO-15	TPHv as Gas ☐ 8260SVm ☐ TO-15m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☒ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2				
SV-24-011-5		5/22/24	1441	SV	400mL Summa	494	0	X						X						

Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
[signature]	SCS Engineers	5/23/24	1510	[signature]	H&P	5/22/24	1500

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back

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2470 Impala Drive, Carlsbad, CA 92010
& Field Office - Signal Hill, CA
W handpmg.com E info@handpmg.com
P 760.804.9678 F 760.804.9159

VAPOR / AIR Chain of Custody

DATE: 5/23/24
Page 1 of 1

Lab Client and Project Information

Lab Client/Consultant: SCS Engineers	Project Name / #: Midway Rising
Lab Client Project Manager: Chuck Hauser	Project Location: Sports Arena Blvd
Lab Client Address: 8799 Balboa Ave, Ste 290	Report E-Mail(s): chauser@scsengineers.com
Lab Client City, State, Zip: San Diego, CA 92123	
Phone Number: 01213320.07	

Reporting Requirements

- [x] Standard Report
- [ ] Level III
- [ ] Level IV
- [ ] Excel EDD
- [ ] Other EDD:
- [ ] CA Geotracker Global ID:

Turnaround Time

- [x] **Standard** (7 days for preliminary report, 10 days for final report)
- [ ] **Rush** (specify):

Sampler Information

Sampler(s): K. Schleder
Signature:
Date: 5/23/24

Sample Receipt (Lab Use Only)

Date Rec'd: 5/24/24 Control #: 240284.03
H&P Project #: SCS052424-10
Lab Work Order #: E405082
Sample Intact: [x] Yes [ ] No [ ] See Notes Below
Receipt Gauge ID: 60206 Temp: RT
Outside Lab:
Receipt Notes/Tracking #:
Lab PM Initials: SM

Additional Instructions to Laboratory:

** Preferred VOC units (please choose one):*
[ ] µg/L [x] µg/m³ [ ] ppbv [ ] ppmv

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa, Tedlar, Tube, etc	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List [ ] 8260SV [x] TO-15	VOCs Short List / Project List [ ] 8260SV [ ] TO-15	Oxygenates [ ] 8260SV [ ] TO-15	Naphthalene [ ] 8260SV [ ] TO-15	TPHv as Gas [ ] 8260SVm [ ] TO-15m	Aromatic/Aliphatic Fractions [ ] 8260SVm [ ] TO-15m	Leak Check Compound [x] DFA [ ] IPA [ ] He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 [ ] CO2 [ ] O2 [ ] N2				
SV-24-006-5		5/13/24	1243	SV	400mL/1Summa	C21	-1													
SV-24-013-5			1256			C04	-1													
SV-24-015-5			1310			C28	-1													
SV-24-016-5			1325			422	-1													
SV-24-019-5			1344			C26	-1													
SV-24-018-5			1356			630	-1													
SV-24-C20-2.5			1415			627	-1													
SV-24-024-5			1434			632	-1													
SV-24-024-5 Rep			1437			C31	-1													

Approved/Relinquished by: W Tyler Overton CAO	Company: SCS Engineers	Date: 5/23/24	Time: 1510	Received by: Company: H&P Date: 5/23/24 Time: 1530
Approved/Relinquished by:	Company:	Date	Time	Received by: Company: Date Time
Approved/Relinquished by:	Company:	Date:	Time:	Received by: Company: Date Time

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back

H&P Mobile Geochemistry Inc.

FMS005
Revision: 3
Revised: 1/15/16
Effective: 1/25/16
Page 1 of 1

Log Sheet: Soil Vapor Sampling with Summa

H&P Project #: SCS052124-SF9
Site Address: 3580 Sports Arena Blvd, SD
Consultant: SCS
Consultant Rep(s): Chuck H

Date: 5/21/24
Page: 1 of 1
H&P Rep(s): K. Schulte

Reviewed: EC
Scanned: BY

Equipment Info
Inline Gauge ID#: —
Pump ID#:

Purge Volume Information
PV Amount: 3 PV
PV Includes: ☒ Tubing ☒ Sand 40% ☒ Dry Bent 50%

Leak Check Compound
A cloth saturated with LCC is placed around tubing connections and probe seal. This is done for all samples unless otherwise noted.
☒ 1,1-DFA
☐ 1,1,1,2-TFA
☐ IPA
☐ Other:

	Sample and Summa Information								Probe Specs							Purge & Collection Information						
	Point ID	Summa ID #	Sample Kit ID #	Start Time	Initial Vac (" Hg)	End / Sample Time	End Vac (" Hg)	Probe Depth (ft)	Tubing Length (ft)	Tubing OD (in.)	Sand Ht (in.)	Sand Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Shut In Test 60 sec (✓)	Leak Check (✓)	Purge Vol (mL)	Purge Flow Rate (mL/min)	Pump Time (min:sec)	Sample Flow Rate (mL/min)	ProbeVac ☐ Hg ☒ H_2O
1	SV-24-001-5	473	398	1336	-28.5	1340	0.0	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	200	-8
2	SV-24-002-5	463	411	1355	-27.5	1358	0.0	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	200	-8
3	SV-24-003-5	459	170	1425	-27.0	1434	-5.0	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	200	-8
4	SV-24-004-5	480	006	1450	-28.0	1453	0.0	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	200	-15
5	SV-24-021-5	485	008	1506	-28.0	1509	0.0	5	7	1/8	12	.75	6	.75	✓	✓	189	200	0:57	200	-12
6	SV-24-021-5 Dup	461	006	1509	-28.0	1512	0.0	5	7	1/8	12	.75	6	.75	✓	✓	589	200	-	200	-12
7	SV-24-017-5	481	349	1548	-29.0	1553	0.0	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	200	-13
8																					
9																					
10																					
11																					
12																					

Site Notes such as weather, visitors, scope deviations, health & safety issues, etc. (When making sample specific notes, reference the line number above):

H&P Mobile Geochemistry Inc.

FMS005
Revision: 3
Revised: 1/15/16
Effective: 1/25/16
Page 1 of 1

Log Sheet: Soil Vapor Sampling with Summa

H&P Project #: SCS052124-SPG
Date: 5/22/24
Site Address: 3580 Sports Arena Blvd, SD
Page: 1 of 1
Consultant: SCS
H&P Rep(s): K. Schandler
Reviewed: EC
Consultant Rep(s): Tyler
Scanned:

Equipment Info
Inline Gauge ID#: —
Pump ID#: 036

Purge Volume Information
PV Amount: 3L
PV Includes: ☒ Tubing ☒ Sand 40% ☒ Dry Bent 50%

Leak Check Compound
A cloth saturated with LCC is placed around tubing connections and probe seal. This is done for all samples unless otherwise noted.
☒ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other:

	Sample and Summa Information							Probe Specs							Purge & Collection Information						
	Point ID	Summa ID #	Sample Kit ID #	Start Time	Initial Vac (" Hg)	End / Sample Time	End Vac (" Hg)	Probe Depth (ft)	Tubing Length (ft)	Tubing OD (in.)	Sand Ht (in.)	Sand Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Shut In Test 60 sec (✓)	Leak Check (✓)	Purge Vol (mL)	Purge Flow Rate (mL/min)	Pump Time (min:sec)	Sample Flow Rate (mL/min)	ProbeVac ☐ Hg ☒ H_2O
1	SV-24-005-5	488	346	1158	-28.5	1201	0.0	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	200	-4
2	SV-24-008-5	488	333	1220	-27.0	1224	0.0	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	200	-5
3	SV-24-009-5	486	360	1237	-26.5	1240	0.0	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	200	-5
4	SV-24-010-5	491	344	1257	-27.5	1257	0.0	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	200	-6
5	SV-24-007-5	548	202	1310	-28.5	1313	0.0	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	200	-2
6	SV-24-023-5	538	427	1332	-27.0	1335	0.0	5	7	1/8	12	.75	6	.75	✓	✓	189	200	0:57	200	-1
7	SV-24-022-5 Dup	493	427	1335	-27.0	1339	0.0	5	7	1/8	12	.75	6	.75	✓	✓	569	200	—	200	-1
8	SV-24-022-5	496	188	1344	-25.0	1347	0.0	5	7	1/8	12	.75	6	.75	✓	✓	189	200	0:57	200	-1
9	SV-24-014-5	492	255	1407	-27.0	1410	0.0	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	200	-2
10	SV-24-012-5	495	388	1423	-27.5	1426	0.0	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	200	-5
11	SV-24-011-5	499	091	1436	-27.0	1441	-1.0	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	200	-4
12																					

Site Notes such as weather, visitors, scope deviations, health & safety issues, etc. (When making sample specific notes, reference the line number above):

H&P Mobile Geochemistry Inc.

FMS005
Revision: 3
Revised: 1/15/16
Effective: 1/25/16
Page 1 of 1

Log Sheet: Soil Vapor Sampling with Summa

H&P Project #: SCS052124-SPG
Date: 5/23/24
Site Address: 3560 Sports Arena Blvd
Page: 1 of 1
Consultant: SCS
H&P Rep(s): K. Schmidt
Reviewed: EC
Consultant Rep(s): Chad H
Scanned:

Equipment Info
Inline Gauge ID#: -
Pump ID#: 036

Purge Volume Information
PV Amount: 3 L
PV Includes: ☑ Tubing ☑ Sand 40% ☐ Dry Bent 50%

Leak Check Compound
A cloth saturated with LCC is placed around tubing connections and probe seal. This is done for all samples unless otherwise noted.
☑ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other:

	Sample and Summa Information							Probe Specs							Purge & Collection Information						
	Point ID	Summa ID #	Sample Kit ID #	Start Time	Initial Vac (" Hg)	End / Sample Time	End Vac (" Hg)	Probe Depth (ft)	Tubing Length (ft)	Tubing OD (in.)	Sand Ht (in.)	Sand Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Shut In Test 60 sec (✓)	Leak Check (✓)	Purge Vol (mL)	Purge Flow Rate (mL/min)	Pump Time (min:sec)	Sample Flow Rate (mL/min)	ProbeVac ☐ Hg ☑ H_2O
1	SV-24-006-5	621	209	1240	-29.0	1243	0.0	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	200	-8
2	SV-24-013-5	604	186	1253	-28.0	1256	0.0	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	200	-5
3	SV-24-015-5	628	198	1306	-29.0	1310	0.0	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	200	-7
4	SV-24-016-5	629	205	1321	-29.5	1325	0.0	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	200	-4
5	SV-24-019-5	626	357	1339	-29.0	1344	0.0	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	200	-5
6	SV-24-018-5	630	396	1353	-28.0	1356	0.0	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	200	-5
7	SV-24-020-2.5	627	283	1412	-29.0	1415	0.0	2.5	4	1/8	6	1.5	3	1.5	✓	✓	350	200	1:45	200	-7
8	SV-24-024-5	632	240	1432	-28.0	1434	0.0	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	200	-3
9	SV-24-024-5 Dup	631	240	1434	-28.0	1437	0.0	5	7	1/8	12	1.5	6	1.5	✓	✓	1097	200	—	200	-3
10																					
11																					
12																					

Site Notes such as weather, visitors, scope deviations, health & safety issues, etc. (When making sample specific notes, reference the line number above):

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

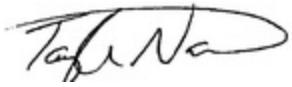
Lab Job Number : 507888
Report Level : II
Report Date : 05/14/2024

Analytical Report *prepared for:*

Chuck Houser
SCS Engineers
8799 Balboa #290
San Diego, CA 92123

Project: MIDWAY RISING - Sports Arena

Authorized for release by:



Taylor Nasu, Project Manager
Taylor.Nasu@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

ENTHALPY ANALYTICAL

Sample Summary

Chuck Houser
SCS Engineers
8799 Balboa #290
San Diego, CA
92123

Lab Job #:	507888
Project No:	MIDWAY RISING
Location:	Sports Arena
Date Received:	05/07/24

Sample ID	Lab ID	Collected	Matrix
T33-2	507888-001	05/07/24 08:00	Soil
T33-4	507888-002	05/07/24 08:02	Soil
T33-5	507888-003	05/07/24 08:10	Soil
T33-7	507888-004	05/07/24 08:13	Soil
T34-2	507888-005	05/07/24 08:19	Soil
T34-4	507888-006	05/07/24 08:22	Soil
T34-5	507888-007	05/07/24 08:24	Soil
T34-6	507888-008	05/07/24 08:27	Soil
T35-0.5	507888-009	05/07/24 10:27	Soil
T35-2.5	507888-010	05/07/24 08:50	Soil
T35-5	507888-011	05/07/24 08:56	Soil
T36-2	507888-012	05/07/24 09:22	Soil
T36-4	507888-013	05/07/24 09:25	Soil
T37-2.5	507888-014	05/07/24 09:35	Soil
T37-4	507888-015	05/07/24 09:40	Soil
T37-5	507888-016	05/07/24 09:42	Soil
T37-6	507888-017	05/07/24 09:47	Soil
T38-1	507888-018	05/07/24 10:36	Soil
T38-2	507888-019	05/07/24 10:40	Soil
T38-3.5	507888-020	05/07/24 10:45	Soil
T39-1	507888-021	05/07/24 11:18	Soil
T39-2	507888-022	05/07/24 11:33	Soil
T39-4	507888-023	05/07/24 11:23	Soil
T39-5	507888-024	05/07/24 11:26	Soil

Case Narrative

SCS Engineers 8799 Balboa #290 San Diego, CA 92123 Chuck Houser	Lab Job Number:	507888
	Project No:	MIDWAY RISING
	Location:	Sports Arena
	Date Received:	05/07/24

This data package contains sample and QC results for twenty two soil samples, requested for the above referenced project on 05/07/24. The samples were received cold and intact.

Pesticides (EPA 8081A):

- High recovery was observed for methoxychlor in the LCS for batch 340015; this analyte was not detected at or above the RL in the associated samples.
- No other analytical problems were encountered.

Metals (EPA 6010B and EPA 7471A):

- Low recoveries were observed for antimony in the MS/MSD for batch 339743; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits. High recoveries were observed for barium and zinc; the LCS was within limits, and the associated RPDs were within limits.
- Low recoveries were observed for antimony in the MS/MSD of T38-1 (lab # 507888-018); the LCS was within limits, the associated RPD was within limits, and these low recoveries were not associated with any reported results.
- No other analytical problems were encountered.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 507888

Page: 1 of 3

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	SCS Engineers	Name:	Midway Rising
Report To:	Chuck Houser	Number:	Sports Arena
Email:	chouser@scsengineers.com	P.O. #:	1213320.07
Address:	8799 Balboa Ave., Suite 290	Address:	
	San Diego, CA 92123		
Phone:	858-805-5523	Global ID:	
Fax:		Sampled By:	C. Houser

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Title 22 Metals EPA 6010	TPH-extended EPA 8015B	Organochlorine pesticides 8081A	VOCs EPA 8260B	Lead EPA 6010					Test Instructions / Comments
1	T33-2	05/07/24	8:00 AM	S	8 oz jar	None			X		X					4.6/0.8
2	T33-4	05/07/24	8:02 AM	S	8 oz jar	None					X					
3	T33-5	05/07/24	8:10 AM	S	8 oz jar	None					X					
4	T33-7	05/07/24	8:13 AM	S	8 oz jar	None										Archive
5	T34-2	05/07/24	8:19 AM	S	8 oz jar	None			X		X					
6	T34-4	05/07/24	8:22 AM	S	8 oz jar	None					X					
7	T34-5	05/07/24	8:24 AM	S	8 oz jar	None					X					
8	T34-6	05/07/24	8:27 AM	S	8 oz jar	None										Archive
9	T35-0.5	05/07/24	10:27 AM	S	8 oz jar	None			X		X					
10	T35-2.5	05/07/24	8:50 AM	S	8 oz jar	None					X					

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Jennifer Morton	SCS Engineers	5/7/2024 14:15
[1] Received By:		Chris Montoya	EA-SD	5/7/24 1415
[2] Relinquished By:		Chris Montoya	EA-SD	5/7/24 1633
[2] Received By:			EA	5-7-24 1633
[3] Relinquished By:			EA	5-7-24 1807
[3] Received By:			EA	5/7/24 1802

ENTHALPY ANALYTICAL

Enthalpy Analytical - Orange
931 W. Barkley Avenue, Orange, CA 92868
Phone 714-771-6900

Chain of Custody Record

Lab No: 507888
Page: 2 of 3

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	SCS Engineers	Name:	Midway Rising
Report To:	Chuck Houser	Number:	Sports Arena
Email:	chouser@scsengineers.com	P.O. #:	1213320.07
Address:	8799 Balboa Ave., Suite 290	Address:	
	San Diego, CA 92123		
Phone:	858-805-5523	Global ID:	
Fax:		Sampled By:	

#	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Title 22 Metals EPA 6010	TPH-extended EPA 8015B	Organochlorine pesticides 8081A	VOCs EPA 8260B	Lead EPA 6010	Test Instructions / Comments
1	T35-5	05/07/24	8:56 AM	S	8 oz jar	None	X	X				
2	T36-2	05/07/24	9:22 AM	S	8 oz jar	None			X		X	
3	T36-4	05/07/24	9:25 AM	S	8 oz jar	None					X	
4	T37-2.5	05/07/24	9:35 AM	S	8 oz jar	None					X	
5	T37-4	05/07/24	9:40 AM	S	8 oz jar	None	X	X		X		
6	T37-5	05/07/24	9:42 AM	S	8 oz jar	None					X	
7	T37-6	05/07/24	9:47 AM	S	8 oz jar	None					x	
8	T38-1	05/07/24	10:36 AM	S	8 oz jar	None			X		X	
9	T38-2	05/07/24	10:40 AM	S	8 oz jar	None					X	
10	T38-3.5	05/07/24	10:45 AM	S	8 oz jar	None		X			X	

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	[signature]	Jennifer Morton	SCS Engineers	5/7/2024 14:15
1 Received By:	[signature]	Chris Montoya	EA-SD	5/7/24 1415
2 Relinquished By:	[signature]	Chris Montoya	EA-SD	5/7/24 1633
2 Received By:	[signature]	N Cub	EA	5-7-24 1633
3 Relinquished By:	[signature]	N Cub	EA	5-7-24 1807
3 Received By:	[signature]	[illegible]	EA	5/7/24 1807

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 507888

Page: 3 of 3

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

<<< Select a Laboratory >>>

#N/A

#N/A

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	SCS Engineers	Name:	Midway Rising
Report To:	Chuck Houser	Number:	Sports Arena
Email:	chouser@scsengineers.com	P.O. #:	1213320.07
Address:	8799 Balboa Ave., Suite 290	Address:	
	San Diego, CA 92123		
Phone:	858-805-5523	Global ID:	
Fax:		Sampled By:	

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Title 22 Metals EPA 6010	TPH-extended EPA 8015B	Organochlorine pesticides 8081A	VOCs EPA 8260B	Lead EPA 6010					Test Instructions / Comments
1	T39-1	05/07/24	11:18 AM	S	8 oz jar	None			X		X					
2	T39-2	05/07/24	11:33 AM	S	8 oz jar	None					X					
3	T39-4	05/07/24	11:23 AM	S	8 oz jar	None					X					
4	T39-5	05/07/24	11:26 AM	S	8 oz jar	None										Archive
5																
6																
7																
8																
9																
10																

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Jennifer Morton	SCS Engineers	5/7/2024 14:15
[1] Received By:		Chris Montoya	~~EA~~ SD	5/9/24 1415
[2] Relinquished By:		Chris Montoya	EA SD	5/7/24 1633
[2] Received By:			EA	5-7-24 1633
[3] Relinquished By:			EA	5-7-24 1807
[3] Received By:			EA	5/7/24 1807

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ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: SCS Engineers 507888 Project: Sports Arena

Date Received: 5/7/24 Sampler's Name Present: ☐ Yes ☑ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: ~~4.0~~ 4.9 #2: 5.5 #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 0.8 ~~1.9~~ #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✓		
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?			✓
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 5/7/24

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SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: SCS Engineers Project: Midway Rising

Date Received: 05/07/2024 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? ~~24~~ 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 8.4 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 11.9 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✔		
Are sample IDs present?	✔		
Are sampling dates & times present?	✔		
Is a relinquished signature present?	✔		
Are the tests required clearly indicated on the COC?	✔		
Are custody seals present?		✔	
If custody seals are present, were they intact?			✔
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✔		
Did all samples arrive intact? If no, indicate in Section 4 below.	✔		
Did all bottle labels agree with COC? (ID, dates and times)	✔		
Were the samples collected in the correct containers for the required tests?	✔		
Are the containers labeled with the correct preservatives?			✔
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✔
Was a sufficient amount of sample submitted for the requested tests?	✔		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: _____

ENTHALPY ANALYTICAL

Analysis Results for 507888

Chuck Houser
SCS Engineers
8799 Balboa #290
San Diego, CA 92123

Lab Job #: 507888
Project No: MIDWAY RISING
Location: Sports Arena
Date Received: 05/07/24

Sample ID: T33-2 **Lab ID: 507888-001** **Collected: 05/07/24 08:00**
Matrix: Soil

507888-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**2.2**		mg/Kg	0.96	0.96	339743	05/08/24	05/08/24	SBW
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	340015	05/11/24	05/13/24	MES
beta-BHC	ND		ug/Kg	5.0	1	340015	05/11/24	05/13/24	MES
gamma-BHC	ND		ug/Kg	5.0	1	340015	05/11/24	05/13/24	MES
delta-BHC	ND		ug/Kg	5.0	1	340015	05/11/24	05/13/24	MES
Heptachlor	ND		ug/Kg	5.0	1	340015	05/11/24	05/13/24	MES
Aldrin	ND		ug/Kg	5.0	1	340015	05/11/24	05/13/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	340015	05/11/24	05/13/24	MES
Endosulfan I	ND		ug/Kg	5.0	1	340015	05/11/24	05/13/24	MES
Dieldrin	ND		ug/Kg	5.0	1	340015	05/11/24	05/13/24	MES
4,4'-DDE	ND		ug/Kg	5.0	1	340015	05/11/24	05/13/24	MES
Endrin	ND		ug/Kg	5.0	1	340015	05/11/24	05/13/24	MES
Endosulfan II	ND		ug/Kg	5.0	1	340015	05/11/24	05/13/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	1	340015	05/11/24	05/13/24	MES
4,4'-DDD	ND		ug/Kg	5.0	1	340015	05/11/24	05/13/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	340015	05/11/24	05/13/24	MES
Endrin ketone	ND		ug/Kg	5.0	1	340015	05/11/24	05/13/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1	340015	05/11/24	05/13/24	MES
Methoxychlor	ND		ug/Kg	10	1	340015	05/11/24	05/13/24	MES
Toxaphene	ND		ug/Kg	100	1	340015	05/11/24	05/13/24	MES
Chlordane (Technical)	ND		ug/Kg	50	1	340015	05/11/24	05/13/24	MES
Surrogates				**Limits**					
TCMX	78%		%REC	23-120	1	340015	05/11/24	05/13/24	MES
Decachlorobiphenyl	99%		%REC	24-120	1	340015	05/11/24	05/13/24	MES

Sample ID: T33-4 **Lab ID: 507888-002** **Collected: 05/07/24 08:02**
Matrix: Soil

507888-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**2.6**		mg/Kg	0.95	0.95	339743	05/08/24	05/08/24	SBW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 507888

Sample ID: T33-5 **Lab ID: 507888-003** **Collected: 05/07/24 08:10**
Matrix: Soil

507888-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**3.0**		mg/Kg	0.97	0.97	339743	05/08/24	05/08/24	SBW

Sample ID: T34-2 **Lab ID: 507888-005** **Collected: 05/07/24 08:19**
Matrix: Soil

507888-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**11**		mg/Kg	0.99	0.99	339743	05/08/24	05/08/24	SBW
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
beta-BHC	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
gamma-BHC	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
delta-BHC	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Heptachlor	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Aldrin	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Endosulfan I	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Dieldrin	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
4,4'-DDE	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Endrin	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Endosulfan II	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
4,4'-DDD	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Endrin ketone	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
4,4'-DDT	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Methoxychlor	ND		ug/Kg	9.9	0.99	340015	05/11/24	05/13/24	MES
Toxaphene	ND		ug/Kg	99	0.99	340015	05/11/24	05/13/24	MES
Chlordane (Technical)	ND		ug/Kg	50	0.99	340015	05/11/24	05/13/24	MES
Surrogates				**Limits**					
TCMX	72%		%REC	23-120	0.99	340015	05/11/24	05/13/24	MES
Decachlorobiphenyl	91%		%REC	24-120	0.99	340015	05/11/24	05/13/24	MES

Sample ID: T34-4 **Lab ID: 507888-006** **Collected: 05/07/24 08:22**
Matrix: Soil

507888-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**21**		mg/Kg	0.99	0.99	339743	05/08/24	05/08/24	SBW

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 507888

Sample ID: T34-5 **Lab ID: 507888-007** **Collected: 05/07/24 08:24**
Matrix: Soil

507888-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**9.6**		mg/Kg	0.95	0.95	339743	05/08/24	05/08/24	SBW

Sample ID: T34-6 **Lab ID: 507888-008** **Collected: 05/07/24 08:27**
Matrix: Soil

507888-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**2.1**		mg/Kg	0.99	0.99	339743	05/08/24	05/08/24	SBW

Sample ID: T35-0.5 **Lab ID: 507888-009** **Collected: 05/07/24 10:27**
Matrix: Soil

507888-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**7.1**		mg/Kg	0.96	0.96	339743	05/08/24	05/08/24	SBW
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	340015	05/11/24	05/13/24	MES
beta-BHC	ND		ug/Kg	5.0	1	340015	05/11/24	05/13/24	MES
gamma-BHC	ND		ug/Kg	5.0	1	340015	05/11/24	05/13/24	MES
delta-BHC	ND		ug/Kg	5.0	1	340015	05/11/24	05/13/24	MES
Heptachlor	ND		ug/Kg	5.0	1	340015	05/11/24	05/13/24	MES
Aldrin	ND		ug/Kg	5.0	1	340015	05/11/24	05/13/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	340015	05/11/24	05/13/24	MES
Endosulfan I	ND		ug/Kg	5.0	1	340015	05/11/24	05/13/24	MES
Dieldrin	ND		ug/Kg	5.0	1	340015	05/11/24	05/13/24	MES
4,4'-DDE	ND		ug/Kg	5.0	1	340015	05/11/24	05/13/24	MES
Endrin	ND		ug/Kg	5.0	1	340015	05/11/24	05/13/24	MES
Endosulfan II	ND		ug/Kg	5.0	1	340015	05/11/24	05/13/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	1	340015	05/11/24	05/13/24	MES
4,4'-DDD	ND		ug/Kg	5.0	1	340015	05/11/24	05/13/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	340015	05/11/24	05/13/24	MES
Endrin ketone	ND		ug/Kg	5.0	1	340015	05/11/24	05/13/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1	340015	05/11/24	05/13/24	MES
Methoxychlor	ND		ug/Kg	10	1	340015	05/11/24	05/13/24	MES
Toxaphene	ND		ug/Kg	100	1	340015	05/11/24	05/13/24	MES
Chlordane (Technical)	ND		ug/Kg	50	1	340015	05/11/24	05/13/24	MES
Surrogates				**Limits**					
TCMX	81%		%REC	23-120	1	340015	05/11/24	05/13/24	MES
Decachlorobiphenyl	105%		%REC	24-120	1	340015	05/11/24	05/13/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 507888

Sample ID: T35-2.5	Lab ID: 507888-010	Collected: 05/07/24 08:50
	Matrix: Soil	

507888-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**8.9**		mg/Kg	0.95	0.95	339743	05/08/24	05/08/24	SBW

Sample ID: T35-5	Lab ID: 507888-011	Collected: 05/07/24 08:56
	Matrix: Soil	

507888-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.97	339743	05/08/24	05/08/24	SBW
Arsenic	**4.2**		mg/Kg	0.97	0.97	339743	05/08/24	05/08/24	SBW
Barium	**180**		mg/Kg	0.97	0.97	339743	05/08/24	05/08/24	SBW
Beryllium	**0.52**		mg/Kg	0.49	0.97	339743	05/08/24	05/08/24	SBW
Cadmium	ND		mg/Kg	0.49	0.97	339743	05/08/24	05/08/24	SBW
Chromium	**31**		mg/Kg	0.97	0.97	339743	05/08/24	05/08/24	SBW
Cobalt	**10**		mg/Kg	0.49	0.97	339743	05/08/24	05/08/24	SBW
Copper	**17**		mg/Kg	0.97	0.97	339743	05/08/24	05/08/24	SBW
Lead	**5.6**		mg/Kg	0.97	0.97	339743	05/08/24	05/08/24	SBW
Molybdenum	ND		mg/Kg	0.97	0.97	339743	05/08/24	05/08/24	SBW
Nickel	**10**		mg/Kg	0.97	0.97	339743	05/08/24	05/08/24	SBW
Selenium	ND		mg/Kg	2.9	0.97	339743	05/08/24	05/08/24	SBW
Silver	ND		mg/Kg	0.49	0.97	339743	05/08/24	05/08/24	SBW
Thallium	ND		mg/Kg	2.9	0.97	339743	05/08/24	05/09/24	SBW
Vanadium	**68**		mg/Kg	0.97	0.97	339743	05/08/24	05/08/24	SBW
Zinc	**55**		mg/Kg	4.9	0.97	339743	05/08/24	05/08/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	339767	05/08/24	05/09/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	10	1	339955	05/10/24	05/13/24	DIB
TPH (C13-C22)	ND		mg/Kg	10	1	339955	05/10/24	05/13/24	DIB
TPH (C23-C44)	ND		mg/Kg	20	1	339955	05/10/24	05/13/24	DIB
Surrogates				**Limits**					
n-Triacontane	97%		%REC	70-130	1	339955	05/10/24	05/13/24	DIB

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 507888

Sample ID: T36-2	Lab ID: 507888-012	Collected: 05/07/24 09:22
	Matrix: Soil	

507888-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**23**		mg/Kg	0.95	0.95	339743	05/08/24	05/08/24	SBW
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
beta-BHC	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
gamma-BHC	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
delta-BHC	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Heptachlor	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Aldrin	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Endosulfan I	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Dieldrin	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
4,4'-DDE	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Endrin	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Endosulfan II	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
4,4'-DDD	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Endrin ketone	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
4,4'-DDT	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Methoxychlor	ND		ug/Kg	9.9	0.99	340015	05/11/24	05/13/24	MES
Toxaphene	ND		ug/Kg	99	0.99	340015	05/11/24	05/13/24	MES
Chlordane (Technical)	ND		ug/Kg	50	0.99	340015	05/11/24	05/13/24	MES
Surrogates				**Limits**					
TCMX	79%		%REC	23-120	0.99	340015	05/11/24	05/13/24	MES
Decachlorobiphenyl	102%		%REC	24-120	0.99	340015	05/11/24	05/13/24	MES

Sample ID: T36-4	Lab ID: 507888-013	Collected: 05/07/24 09:25
	Matrix: Soil	

507888-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**3.0**		mg/Kg	0.95	0.95	339743	05/08/24	05/08/24	SBW

Sample ID: T37-2.5	Lab ID: 507888-014	Collected: 05/07/24 09:35
	Matrix: Soil	

507888-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**1.8**		mg/Kg	0.97	0.97	339743	05/08/24	05/08/24	SBW

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 507888

Sample ID: T37-4	Lab ID: 507888-015	Collected: 05/07/24 09:40
	Matrix: Soil	

507888-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	**5.1**		mg/Kg	2.9	0.95	339743	05/08/24	05/08/24	SBW
Arsenic	**9.7**		mg/Kg	0.95	0.95	339743	05/08/24	05/08/24	SBW
Barium	**1,300**		mg/Kg	0.95	0.95	339743	05/08/24	05/08/24	SBW
Beryllium	**0.90**		mg/Kg	0.48	0.95	339743	05/08/24	05/08/24	SBW
Cadmium	**0.93**		mg/Kg	0.48	0.95	339743	05/08/24	05/08/24	SBW
Chromium	**35**		mg/Kg	0.95	0.95	339743	05/08/24	05/08/24	SBW
Cobalt	**8.7**		mg/Kg	0.48	0.95	339743	05/08/24	05/08/24	SBW
Copper	**160**		mg/Kg	0.95	0.95	339743	05/08/24	05/08/24	SBW
Lead	**1,600**		mg/Kg	9.5	9.5	339743	05/08/24	05/09/24	SBW
Molybdenum	ND		mg/Kg	0.95	0.95	339743	05/08/24	05/08/24	SBW
Nickel	**18**		mg/Kg	0.95	0.95	339743	05/08/24	05/08/24	SBW
Selenium	ND		mg/Kg	2.9	0.95	339743	05/08/24	05/08/24	SBW
Silver	**2.2**		mg/Kg	0.48	0.95	339743	05/08/24	05/08/24	SBW
Thallium	ND		mg/Kg	2.9	0.95	339743	05/08/24	05/08/24	SBW
Vanadium	**50**		mg/Kg	0.95	0.95	339743	05/08/24	05/08/24	SBW
Zinc	**650**		mg/Kg	4.8	0.95	339743	05/08/24	05/08/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	**3.0**		mg/Kg	0.82	5.9	339767	05/08/24	05/09/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	10	1	339955	05/10/24	05/13/24	DIB
TPH (C13-C22)	ND		mg/Kg	10	1	339955	05/10/24	05/13/24	DIB
TPH (C23-C44)	ND		mg/Kg	20	1	339955	05/10/24	05/13/24	DIB
Surrogates				**Limits**					
n-Triacontane	96%		%REC	70-130	1	339955	05/10/24	05/13/24	DIB
Method: EPA 8260B Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
Freon 12	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
Chloromethane	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
Bromomethane	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
Chloroethane	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
Acetone	ND		ug/Kg	100	1	339803	05/09/24	05/09/24	LYZ
Freon 113	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
Methylene Chloride	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
MTBE	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
2-Butanone	ND		ug/Kg	100	1	339803	05/09/24	05/09/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 507888

507888-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Chloroform	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
Bromochloromethane	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
Benzene	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
Trichloroethene	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
Dibromomethane	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
Toluene	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
Chlorobenzene	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
Ethylbenzene	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	339803	05/09/24	05/09/24	LYZ
o-Xylene	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
Styrene	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
Bromoform	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
Propylbenzene	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
Bromobenzene	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
Naphthalene	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
tert-Butyl Alcohol (TBA)	ND		ug/Kg	100	1	339803	05/09/24	05/09/24	LYZ
Isopropyl Ether (DIPE)	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ

Results for any subcontracted analyses are not included in this section.

Analysis Results for 507888

507888-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
Xylene (total)	ND		ug/Kg	5.0	1	339803	05/09/24	05/09/24	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	99%		%REC	70-145	1	339803	05/09/24	05/09/24	LYZ
1,2-Dichloroethane-d4	103%		%REC	70-145	1	339803	05/09/24	05/09/24	LYZ
Toluene-d8	99%		%REC	70-145	1	339803	05/09/24	05/09/24	LYZ
Bromofluorobenzene	99%		%REC	70-145	1	339803	05/09/24	05/09/24	LYZ

Sample ID: T37-5 **Lab ID: 507888-016** **Collected: 05/07/24 09:42**
Matrix: Soil

507888-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**3.1**		mg/Kg	0.99	0.99	339743	05/08/24	05/08/24	SBW

Sample ID: T37-6 **Lab ID: 507888-017** **Collected: 05/07/24 09:47**
Matrix: Soil

507888-017 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**1.2**		mg/Kg	0.97	0.97	339743	05/08/24	05/08/24	SBW

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 507888

Sample ID: T38-1	Lab ID: 507888-018	Collected: 05/07/24 10:36
	Matrix: Soil	

507888-018 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**8.5**		mg/Kg	0.97	0.97	339799	05/08/24	05/09/24	SBW
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
beta-BHC	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
gamma-BHC	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
delta-BHC	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Heptachlor	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Aldrin	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Endosulfan I	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Dieldrin	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
4,4'-DDE	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Endrin	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Endosulfan II	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
4,4'-DDD	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Endrin ketone	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
4,4'-DDT	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Methoxychlor	ND		ug/Kg	9.9	0.99	340015	05/11/24	05/13/24	MES
Toxaphene	ND		ug/Kg	99	0.99	340015	05/11/24	05/13/24	MES
Chlordane (Technical)	ND		ug/Kg	50	0.99	340015	05/11/24	05/13/24	MES
Surrogates				**Limits**					
TCMX	81%		%REC	23-120	0.99	340015	05/11/24	05/13/24	MES
Decachlorobiphenyl	105%		%REC	24-120	0.99	340015	05/11/24	05/13/24	MES

Sample ID: T38-2	Lab ID: 507888-019	Collected: 05/07/24 10:40
	Matrix: Soil	

507888-019 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**1.7**		mg/Kg	0.95	0.95	339799	05/08/24	05/09/24	SBW

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 507888

Sample ID: T38-3.5 **Lab ID: 507888-020** **Collected: 05/07/24 10:45**
Matrix: Soil

507888-020 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**7.0**		mg/Kg	0.98	0.98	339799	05/08/24	05/09/24	SBW
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	10	1	339955	05/10/24	05/13/24	DIB
TPH (C13-C22)	ND		mg/Kg	10	1	339955	05/10/24	05/13/24	DIB
TPH (C23-C44)	**52**		mg/Kg	20	1	339955	05/10/24	05/13/24	DIB
Surrogates				**Limits**					
n-Triacontane	98%		%REC	70-130	1	339955	05/10/24	05/13/24	DIB

Sample ID: T39-1 **Lab ID: 507888-021** **Collected: 05/07/24 11:18**
Matrix: Soil

507888-021 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**9.5**		mg/Kg	0.98	0.98	339799	05/08/24	05/09/24	SBW
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
beta-BHC	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
gamma-BHC	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
delta-BHC	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Heptachlor	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Aldrin	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Endosulfan I	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Dieldrin	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
4,4'-DDE	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Endrin	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Endosulfan II	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
4,4'-DDD	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Endrin ketone	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
4,4'-DDT	ND		ug/Kg	5.0	0.99	340015	05/11/24	05/13/24	MES
Methoxychlor	ND		ug/Kg	9.9	0.99	340015	05/11/24	05/13/24	MES
Toxaphene	ND		ug/Kg	99	0.99	340015	05/11/24	05/13/24	MES
Chlordane (Technical)	ND		ug/Kg	50	0.99	340015	05/11/24	05/13/24	MES
Surrogates				**Limits**					
TCMX	76%		%REC	23-120	0.99	340015	05/11/24	05/13/24	MES
Decachlorobiphenyl	103%		%REC	24-120	0.99	340015	05/11/24	05/13/24	MES

Results for any subcontracted analyses are not included in this section.

Analysis Results for 507888

Sample ID: T39-2	Lab ID: 507888-022	Collected: 05/07/24 11:33
	Matrix: Soil	

507888-022 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**9.7**		mg/Kg	0.97	0.97	339799	05/08/24	05/09/24	SBW

Sample ID: T39-4	Lab ID: 507888-023	Collected: 05/07/24 11:23
	Matrix: Soil	

507888-023 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**3.7**		mg/Kg	0.98	0.98	339799	05/08/24	05/09/24	SBW

ND Not Detected

Results for any subcontracted analyses are not included in this section.

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Batch QC

Type: Blank	Lab ID: QC1151316	Batch: 339743
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1151316 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	05/08/24	05/08/24
Arsenic	ND		mg/Kg	1.0	05/08/24	05/08/24
Barium	ND		mg/Kg	1.0	05/08/24	05/08/24
Beryllium	ND		mg/Kg	0.50	05/08/24	05/09/24
Cadmium	ND		mg/Kg	0.50	05/08/24	05/08/24
Chromium	ND		mg/Kg	1.0	05/08/24	05/08/24
Cobalt	ND		mg/Kg	0.50	05/08/24	05/08/24
Copper	ND		mg/Kg	1.0	05/08/24	05/08/24
Lead	ND		mg/Kg	1.0	05/08/24	05/08/24
Molybdenum	ND		mg/Kg	1.0	05/08/24	05/08/24
Nickel	ND		mg/Kg	1.0	05/08/24	05/08/24
Selenium	ND		mg/Kg	3.0	05/08/24	05/08/24
Silver	ND		mg/Kg	0.50	05/08/24	05/08/24
Thallium	ND		mg/Kg	3.0	05/08/24	05/08/24
Vanadium	ND		mg/Kg	1.0	05/08/24	05/08/24
Zinc	ND		mg/Kg	5.0	05/08/24	05/08/24

Type: Lab Control Sample	Lab ID: QC1151317	Batch: 339743
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1151317 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	97.29	100.0	mg/Kg	97%		80-120
Arsenic	100.5	100.0	mg/Kg	101%		80-120
Barium	108.3	100.0	mg/Kg	108%		80-120
Beryllium	103.1	100.0	mg/Kg	103%		80-120
Cadmium	101.9	100.0	mg/Kg	102%		80-120
Chromium	106.1	100.0	mg/Kg	106%		80-120
Cobalt	112.7	100.0	mg/Kg	113%		80-120
Copper	102.9	100.0	mg/Kg	103%		80-120
Lead	114.5	100.0	mg/Kg	115%		80-120
Molybdenum	100.9	100.0	mg/Kg	101%		80-120
Nickel	111.3	100.0	mg/Kg	111%		80-120
Selenium	93.12	100.0	mg/Kg	93%		80-120
Silver	49.96	50.00	mg/Kg	100%		80-120
Thallium	109.9	100.0	mg/Kg	110%		80-120
Vanadium	100.2	100.0	mg/Kg	100%		80-120
Zinc	109.0	100.0	mg/Kg	109%		80-120

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Batch QC

Type:	Matrix Spike	Lab ID:	QC1151318	Batch:	339743
Matrix (Source ID):	Soil (507777-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1151318 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	41.76	2.365	95.24	mg/Kg	41%	*	75-125	0.95
Arsenic	97.89	3.686	95.24	mg/Kg	99%		75-125	0.95
Barium	167.6	46.47	95.24	mg/Kg	127%	*	75-125	0.95
Beryllium	95.35	0.4409	95.24	mg/Kg	100%		75-125	0.95
Cadmium	95.02	ND	95.24	mg/Kg	100%		75-125	0.95
Chromium	125.8	21.59	95.24	mg/Kg	109%		75-125	0.95
Cobalt	106.3	10.15	95.24	mg/Kg	101%		75-125	0.95
Copper	107.8	8.756	95.24	mg/Kg	104%		75-125	0.95
Lead	106.1	5.906	95.24	mg/Kg	105%		75-125	0.95
Molybdenum	85.41	ND	95.24	mg/Kg	90%		75-125	0.95
Nickel	117.4	18.18	95.24	mg/Kg	104%		75-125	0.95
Selenium	87.28	ND	95.24	mg/Kg	92%		75-125	0.95
Silver	47.44	ND	47.62	mg/Kg	100%		75-125	0.95
Thallium	97.50	0.9816	95.24	mg/Kg	101%		75-125	0.95
Vanadium	146.4	35.89	95.24	mg/Kg	116%		75-125	0.95
Zinc	152.1	43.64	95.24	mg/Kg	114%		75-125	0.95

Type:	Matrix Spike Duplicate	Lab ID:	QC1151319	Batch:	339743
Matrix (Source ID):	Soil (507777-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1151319 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	41.86	2.365	97.09	mg/Kg	41%	*	75-125	2	41	0.97
Arsenic	104.5	3.686	97.09	mg/Kg	104%		75-125	5	35	0.97
Barium	174.8	46.47	97.09	mg/Kg	132%	*	75-125	3	20	0.97
Beryllium	99.08	0.4409	97.09	mg/Kg	102%		75-125	2	20	0.97
Cadmium	100.7	ND	97.09	mg/Kg	104%		75-125	4	20	0.97
Chromium	131.4	21.59	97.09	mg/Kg	113%		75-125	3	20	0.97
Cobalt	111.9	10.15	97.09	mg/Kg	105%		75-125	3	20	0.97
Copper	116.7	8.756	97.09	mg/Kg	111%		75-125	6	20	0.97
Lead	112.5	5.906	97.09	mg/Kg	110%		75-125	4	20	0.97
Molybdenum	90.81	ND	97.09	mg/Kg	94%		75-125	4	20	0.97
Nickel	124.1	18.18	97.09	mg/Kg	109%		75-125	4	20	0.97
Selenium	91.28	ND	97.09	mg/Kg	94%		75-125	3	20	0.97
Silver	50.08	ND	48.54	mg/Kg	103%		75-125	3	20	0.97
Thallium	102.2	0.9816	97.09	mg/Kg	104%		75-125	3	20	0.97
Vanadium	153.8	35.89	97.09	mg/Kg	121%		75-125	4	20	0.97
Zinc	166.7	43.64	97.09	mg/Kg	127%	*	75-125	8	20	0.97

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Batch QC

Type:	Post Digest Spike	Lab ID:	QC1151320	Batch:	339743
Matrix (Source ID):	Soil (507777-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1151320 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	105.1	2.365	99.01	mg/Kg	104%		75-125	0.99
Arsenic	107.6	3.686	99.01	mg/Kg	105%		75-125	0.99
Barium	155.6	46.47	99.01	mg/Kg	110%		75-125	0.99
Beryllium	105.4	0.4409	99.01	mg/Kg	106%		75-125	0.99
Cadmium	104.7	ND	99.01	mg/Kg	106%		75-125	0.99
Chromium	124.4	21.59	99.01	mg/Kg	104%		75-125	0.99
Cobalt	118.6	10.15	99.01	mg/Kg	110%		75-125	0.99
Copper	114.0	8.756	99.01	mg/Kg	106%		75-125	0.99
Lead	116.1	5.906	99.01	mg/Kg	111%		75-125	0.99
Molybdenum	103.8	ND	99.01	mg/Kg	105%		75-125	0.99
Nickel	124.8	18.18	99.01	mg/Kg	108%		75-125	0.99
Selenium	98.44	ND	99.01	mg/Kg	99%		75-125	0.99
Silver	52.42	ND	49.50	mg/Kg	106%		75-125	0.99
Thallium	108.6	0.9816	99.01	mg/Kg	109%		75-125	0.99
Vanadium	134.6	35.89	99.01	mg/Kg	100%		75-125	0.99
Zinc	151.3	43.64	99.01	mg/Kg	109%		75-125	0.99

Type:	Blank	Lab ID:	QC1151474	Batch:	339799
Matrix:	Soil	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1151474 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	05/08/24	05/09/24
Arsenic	ND		mg/Kg	1.0	05/08/24	05/09/24
Barium	ND		mg/Kg	1.0	05/08/24	05/09/24
Beryllium	ND		mg/Kg	0.50	05/08/24	05/09/24
Cadmium	ND		mg/Kg	0.50	05/08/24	05/09/24
Chromium	ND		mg/Kg	1.0	05/08/24	05/09/24
Cobalt	ND		mg/Kg	0.50	05/08/24	05/09/24
Copper	ND		mg/Kg	1.0	05/08/24	05/09/24
Lead	ND		mg/Kg	1.0	05/08/24	05/09/24
Molybdenum	ND		mg/Kg	1.0	05/08/24	05/09/24
Nickel	ND		mg/Kg	1.0	05/08/24	05/09/24
Selenium	ND		mg/Kg	3.0	05/08/24	05/09/24
Silver	ND		mg/Kg	0.50	05/08/24	05/09/24
Thallium	ND		mg/Kg	3.0	05/08/24	05/09/24
Vanadium	ND		mg/Kg	1.0	05/08/24	05/09/24
Zinc	ND		mg/Kg	5.0	05/08/24	05/09/24

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Batch QC

Type: Lab Control Sample	Lab ID: QC1151475	Batch: 339799
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1151475 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	93.86	100.0	mg/Kg	94%		80-120
Arsenic	96.63	100.0	mg/Kg	97%		80-120
Barium	105.9	100.0	mg/Kg	106%		80-120
Beryllium	97.50	100.0	mg/Kg	97%		80-120
Cadmium	97.71	100.0	mg/Kg	98%		80-120
Chromium	103.4	100.0	mg/Kg	103%		80-120
Cobalt	108.9	100.0	mg/Kg	109%		80-120
Copper	96.38	100.0	mg/Kg	96%		80-120
Lead	108.2	100.0	mg/Kg	108%		80-120
Molybdenum	96.17	100.0	mg/Kg	96%		80-120
Nickel	106.4	100.0	mg/Kg	106%		80-120
Selenium	89.17	100.0	mg/Kg	89%		80-120
Silver	46.78	50.00	mg/Kg	94%		80-120
Thallium	109.4	100.0	mg/Kg	109%		80-120
Vanadium	94.33	100.0	mg/Kg	94%		80-120
Zinc	107.4	100.0	mg/Kg	107%		80-120

Type: Matrix Spike	Lab ID: QC1151476	Batch: 339799
Matrix (Source ID): Soil (507888-018)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1151476 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	38.18	ND	98.04	mg/Kg	39%	*	75-125	0.98
Arsenic	106.0	10.59	98.04	mg/Kg	97%		75-125	0.98
Barium	171.8	60.74	98.04	mg/Kg	113%		75-125	0.98
Beryllium	94.58	0.4484	98.04	mg/Kg	96%		75-125	0.98
Cadmium	93.89	ND	98.04	mg/Kg	96%		75-125	0.98
Chromium	110.7	13.40	98.04	mg/Kg	99%		75-125	0.98
Cobalt	105.1	5.595	98.04	mg/Kg	102%		75-125	0.98
Copper	103.1	7.581	98.04	mg/Kg	97%		75-125	0.98
Lead	109.3	8.544	98.04	mg/Kg	103%		75-125	0.98
Molybdenum	89.20	ND	98.04	mg/Kg	91%		75-125	0.98
Nickel	104.6	6.410	98.04	mg/Kg	100%		75-125	0.98
Selenium	87.96	ND	98.04	mg/Kg	90%		75-125	0.98
Silver	45.28	ND	49.02	mg/Kg	92%		75-125	0.98
Thallium	102.4	ND	98.04	mg/Kg	104%		75-125	0.98
Vanadium	124.7	29.63	98.04	mg/Kg	97%		75-125	0.98
Zinc	138.7	35.73	98.04	mg/Kg	105%		75-125	0.98

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Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1151477	Batch:	339799
Matrix (Source ID):	Soil (507888-018)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1151477 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	40.91	ND	95.24	mg/Kg	43%	*	75-125	10	41	0.95
Arsenic	104.9	10.59	95.24	mg/Kg	99%		75-125	2	35	0.95
Barium	165.8	60.74	95.24	mg/Kg	110%		75-125	2	20	0.95
Beryllium	94.06	0.4484	95.24	mg/Kg	98%		75-125	2	20	0.95
Cadmium	93.31	ND	95.24	mg/Kg	98%		75-125	2	20	0.95
Chromium	110.5	13.40	95.24	mg/Kg	102%		75-125	2	20	0.95
Cobalt	104.7	5.595	95.24	mg/Kg	104%		75-125	2	20	0.95
Copper	101.4	7.581	95.24	mg/Kg	99%		75-125	1	20	0.95
Lead	108.2	8.544	95.24	mg/Kg	105%		75-125	2	20	0.95
Molybdenum	89.28	ND	95.24	mg/Kg	94%		75-125	3	20	0.95
Nickel	103.9	6.410	95.24	mg/Kg	102%		75-125	2	20	0.95
Selenium	87.33	ND	95.24	mg/Kg	92%		75-125	2	20	0.95
Silver	44.49	ND	47.62	mg/Kg	93%		75-125	1	20	0.95
Thallium	101.2	ND	95.24	mg/Kg	106%		75-125	2	20	0.95
Vanadium	124.0	29.63	95.24	mg/Kg	99%		75-125	2	20	0.95
Zinc	139.1	35.73	95.24	mg/Kg	109%		75-125	2	20	0.95

Type:	Post Digest Spike	Lab ID:	QC1151478	Batch:	339799
Matrix (Source ID):	Soil (507888-018)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1151478 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	101.8	ND	97.09	mg/Kg	105%		75-125	0.97
Arsenic	113.6	10.59	97.09	mg/Kg	106%		75-125	0.97
Barium	167.9	60.74	97.09	mg/Kg	110%		75-125	0.97
Beryllium	101.5	0.4484	97.09	mg/Kg	104%		75-125	0.97
Cadmium	101.2	ND	97.09	mg/Kg	104%		75-125	0.97
Chromium	117.2	13.40	97.09	mg/Kg	107%		75-125	0.97
Cobalt	114.0	5.595	97.09	mg/Kg	112%		75-125	0.97
Copper	108.5	7.581	97.09	mg/Kg	104%		75-125	0.97
Lead	117.6	8.544	97.09	mg/Kg	112%		75-125	0.97
Molybdenum	102.6	ND	97.09	mg/Kg	106%		75-125	0.97
Nickel	112.6	6.410	97.09	mg/Kg	109%		75-125	0.97
Selenium	96.50	ND	97.09	mg/Kg	99%		75-125	0.97
Silver	48.24	ND	48.54	mg/Kg	99%		75-125	0.97
Thallium	110.3	ND	97.09	mg/Kg	114%		75-125	0.97
Vanadium	125.7	29.63	97.09	mg/Kg	99%		75-125	0.97
Zinc	146.0	35.73	97.09	mg/Kg	114%		75-125	0.97

Type:	Blank	Lab ID:	QC1151380	Batch:	339767
Matrix:	Soil	Method:	EPA 7471A	Prep Method:	METHOD

QC1151380 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	05/08/24	05/09/24

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Batch QC

Type: Lab Control Sample	Lab ID: QC1151381	Batch: 339767
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1151381 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8664	0.8333	mg/Kg	104%		80-120

Type: Matrix Spike	Lab ID: QC1151382	Batch: 339767
Matrix (Source ID): Soil (507777-001)	Method: EPA 7471A	Prep Method: METHOD

QC1151382 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.9181	ND	0.8621	mg/Kg	106%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1151383	Batch: 339767
Matrix (Source ID): Soil (507777-001)	Method: EPA 7471A	Prep Method: METHOD

QC1151383 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	0.9473	ND	0.8772	mg/Kg	108%		75-125	1	20	1.1

Type: Blank	Lab ID: QC1152025	Batch: 339955
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1152025 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH (C6-C12)	ND		mg/Kg	10	05/10/24	05/13/24
TPH (C13-C22)	ND		mg/Kg	10	05/10/24	05/13/24
TPH (C23-C44)	ND		mg/Kg	20	05/10/24	05/13/24
Surrogates				**Limits**		
n-Triacontane	103%		%REC	70-130	05/10/24	05/13/24

Type: Lab Control Sample	Lab ID: QC1152026	Batch: 339955
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1152026 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	249.5	250.0	mg/Kg	100%		76-122
Surrogates						
n-Triacontane	9.975	10.00	mg/Kg	100%		70-130

Type: Matrix Spike	Lab ID: QC1152027	Batch: 339955
Matrix (Source ID): Soil (507888-015)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1152027 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	239.9	ND	248.8	mg/Kg	96%		62-126	1
Surrogates								
n-Triacontane	9.533		9.950	mg/Kg	96%		70-130	1

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Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1152028	Batch:	339955
Matrix (Source ID):	Soil (507888-015)	Method:	EPA 8015M	Prep Method:	EPA 3580M

QC1152028 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	250.2	ND	248.3	mg/Kg	101%		62-126	4	35	0.99
Surrogates										
n-Triacontane	9.940		9.930	mg/Kg	100%		70-130			0.99

Type:	Blank	Lab ID:	QC1152219	Batch:	340015
Matrix:	Soil	Method:	EPA 8081A	Prep Method:	EPA 3546

QC1152219 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
alpha-BHC	ND		ug/Kg	5.0	05/11/24	05/13/24
beta-BHC	ND		ug/Kg	5.0	05/11/24	05/13/24
gamma-BHC	ND		ug/Kg	5.0	05/11/24	05/13/24
delta-BHC	ND		ug/Kg	5.0	05/11/24	05/13/24
Heptachlor	ND		ug/Kg	5.0	05/11/24	05/13/24
Aldrin	ND		ug/Kg	5.0	05/11/24	05/13/24
Heptachlor epoxide	ND		ug/Kg	5.0	05/11/24	05/13/24
Endosulfan I	ND		ug/Kg	5.0	05/11/24	05/13/24
Dieldrin	ND		ug/Kg	5.0	05/11/24	05/13/24
4,4'-DDE	ND		ug/Kg	5.0	05/11/24	05/13/24
Endrin	ND		ug/Kg	5.0	05/11/24	05/13/24
Endosulfan II	ND		ug/Kg	5.0	05/11/24	05/13/24
Endosulfan sulfate	ND		ug/Kg	5.0	05/11/24	05/13/24
4,4'-DDD	ND		ug/Kg	5.0	05/11/24	05/13/24
Endrin aldehyde	ND		ug/Kg	5.0	05/11/24	05/13/24
Endrin ketone	ND		ug/Kg	5.0	05/11/24	05/13/24
4,4'-DDT	ND		ug/Kg	5.0	05/11/24	05/13/24
Methoxychlor	ND		ug/Kg	10	05/11/24	05/13/24
Toxaphene	ND		ug/Kg	100	05/11/24	05/13/24
Chlordane (Technical)	ND		ug/Kg	50	05/11/24	05/13/24
Surrogates				**Limits**		
TCMX	82%		%REC	23-120	05/11/24	05/13/24
Decachlorobiphenyl	99%		%REC	24-120	05/11/24	05/13/24

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Batch QC

Type: Lab Control Sample	**Lab ID: QC1152220**	**Batch: 340015**
Matrix: Soil	**Method: EPA 8081A**	**Prep Method: EPA 3546**

QC1152220 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	53.75	50.00	ug/Kg	107%		22-129
beta-BHC	55.10	50.00	ug/Kg	110%		28-125
gamma-BHC	55.52	50.00	ug/Kg	111%		22-128
delta-BHC	55.77	50.00	ug/Kg	112%		24-131
Heptachlor	54.97	50.00	ug/Kg	110%		18-124
Aldrin	54.34	50.00	ug/Kg	109%		23-120
Heptachlor epoxide	58.81	50.00	ug/Kg	118%		26-120
Endosulfan I	54.15	50.00	ug/Kg	108%		25-126
Dieldrin	57.20	50.00	ug/Kg	114%		23-124
4,4'-DDE	55.18	50.00	ug/Kg	110%		28-121
Endrin	63.64	50.00	ug/Kg	127%		25-127
Endosulfan II	55.50	50.00	ug/Kg	111%		29-121
Endosulfan sulfate	51.85	50.00	ug/Kg	104%		30-121
4,4'-DDD	55.97	50.00	ug/Kg	112%		26-120
Endrin aldehyde	31.48	50.00	ug/Kg	63%		10-120
Endrin ketone	56.91	50.00	ug/Kg	114%		28-125
4,4'-DDT	58.77	50.00	ug/Kg	118%		22-125
Methoxychlor	65.38	50.00	ug/Kg	131%	*	28-130
Surrogates						
TCMX	44.63	50.00	ug/Kg	89%		23-120
Decachlorobiphenyl	55.41	50.00	ug/Kg	111%		24-120

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Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1152221**	**Batch:**	**340015**
Matrix (Source ID):	**Soil (507888-001)**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3546**

QC1152221 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	47.70	ND	50.00	ug/Kg	95%		46-120	1
beta-BHC	46.57	ND	50.00	ug/Kg	93%		41-120	1
gamma-BHC	47.78	ND	50.00	ug/Kg	96%		41-120	1
delta-BHC	48.24	ND	50.00	ug/Kg	96%		38-123	1
Heptachlor	47.53	ND	50.00	ug/Kg	95%		39-120	1
Aldrin	41.68	ND	50.00	ug/Kg	83%		34-120	1
Heptachlor epoxide	49.61	ND	50.00	ug/Kg	99%		43-120	1
Endosulfan I	48.31	ND	50.00	ug/Kg	97%		45-120	1
Dieldrin	48.92	ND	50.00	ug/Kg	98%		45-120	1
4,4'-DDE	55.92	ND	50.00	ug/Kg	112%		34-120	1
Endrin	57.19	ND	50.00	ug/Kg	114%		40-120	1
Endosulfan II	48.32	ND	50.00	ug/Kg	97%		41-120	1
Endosulfan sulfate	47.51	ND	50.00	ug/Kg	95%		42-120	1
4,4'-DDD	49.52	ND	50.00	ug/Kg	99%		41-120	1
Endrin aldehyde	34.68	ND	50.00	ug/Kg	69%		30-120	1
Endrin ketone	49.66	ND	50.00	ug/Kg	99%		45-120	1
4,4'-DDT	47.94	ND	50.00	ug/Kg	96%		35-127	1
Methoxychlor	51.52	ND	50.00	ug/Kg	103%		42-136	1
Surrogates								
TCMX	38.94		50.00	ug/Kg	78%		23-120	1
Decachlorobiphenyl	47.46		50.00	ug/Kg	95%		24-120	1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1152222**	**Batch:**	**340015**
Matrix (Source ID):	**Soil (507888-001)**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3546**

QC1152222 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
alpha-BHC	47.64	ND	50.00	ug/Kg	95%		46-120	0	30	1
beta-BHC	48.95	ND	50.00	ug/Kg	98%		41-120	5	30	1
gamma-BHC	50.48	ND	50.00	ug/Kg	101%		41-120	5	30	1
delta-BHC	50.69	ND	50.00	ug/Kg	101%		38-123	5	30	1
Heptachlor	49.88	ND	50.00	ug/Kg	100%		39-120	5	30	1
Aldrin	47.67	ND	50.00	ug/Kg	95%		34-120	13	30	1
Heptachlor epoxide	51.71	ND	50.00	ug/Kg	103%		43-120	4	30	1
Endosulfan I	51.81	ND	50.00	ug/Kg	104%		45-120	7	30	1
Dieldrin	50.86	ND	50.00	ug/Kg	102%		45-120	4	30	1
4,4'-DDE	57.83	ND	50.00	ug/Kg	116%		34-120	3	30	1
Endrin	58.65	ND	50.00	ug/Kg	117%		40-120	3	30	1
Endosulfan II	50.64	ND	50.00	ug/Kg	101%		41-120	5	30	1
Endosulfan sulfate	50.29	ND	50.00	ug/Kg	101%		42-120	6	30	1
4,4'-DDD	50.35	ND	50.00	ug/Kg	101%		41-120	2	30	1
Endrin aldehyde	43.86	ND	50.00	ug/Kg	88%		30-120	23	30	1
Endrin ketone	52.09	ND	50.00	ug/Kg	104%		45-120	5	30	1
4,4'-DDT	52.87	ND	50.00	ug/Kg	106%		35-127	10	30	1
Methoxychlor	56.85	ND	50.00	ug/Kg	114%		42-136	10	30	1
Surrogates										
TCMX	41.49		50.00	ug/Kg	83%		23-120			1
Decachlorobiphenyl	50.68		50.00	ug/Kg	101%		24-120			1

Type:	**Lab Control Sample**	**Lab ID:**	**QC1151488**	**Batch:**	**339803**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1151488 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	57.73	50.00	ug/Kg	115%		70-131
MTBE	50.26	50.00	ug/Kg	101%		69-130
Benzene	54.39	50.00	ug/Kg	109%		70-130
Trichloroethene	49.76	50.00	ug/Kg	100%		70-130
Toluene	53.36	50.00	ug/Kg	107%		70-130
Chlorobenzene	54.98	50.00	ug/Kg	110%		70-130
Surrogates						
Dibromofluoromethane	50.24	50.00	ug/Kg	100%		70-130
1,2-Dichloroethane-d4	49.21	50.00	ug/Kg	98%		70-145
Toluene-d8	49.73	50.00	ug/Kg	99%		70-145
Bromofluorobenzene	50.31	50.00	ug/Kg	101%		70-145

ENTHALPY ANALYTICAL

Batch QC

Type:	Lab Control Sample Duplicate	Lab ID:	QC1151489	Batch:	339803
Matrix:	Soil	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1151489 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	56.92	50.00	ug/Kg	114%		70-131	1	33
MTBE	49.41	50.00	ug/Kg	99%		69-130	2	30
Benzene	53.10	50.00	ug/Kg	106%		70-130	2	30
Trichloroethene	49.78	50.00	ug/Kg	100%		70-130	0	30
Toluene	52.24	50.00	ug/Kg	104%		70-130	2	30
Chlorobenzene	54.15	50.00	ug/Kg	108%		70-130	2	30
Surrogates								
Dibromofluoromethane	50.63	50.00	ug/Kg	101%		70-130		
1,2-Dichloroethane-d4	49.97	50.00	ug/Kg	100%		70-145		
Toluene-d8	50.14	50.00	ug/Kg	100%		70-145		
Bromofluorobenzene	51.29	50.00	ug/Kg	103%		70-145		

Type:	Matrix Spike	Lab ID:	QC1151490	Batch:	339803
Matrix (Source ID):	Soil (507999-001)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1151490 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	56.39	ND	50.00	ug/Kg	113%		70-141	1
MTBE	49.58	ND	50.00	ug/Kg	99%		59-130	1
Benzene	51.40	ND	50.00	ug/Kg	103%		70-130	1
Trichloroethene	48.09	ND	50.00	ug/Kg	96%		69-130	1
Toluene	50.80	ND	50.00	ug/Kg	102%		70-130	1
Chlorobenzene	53.26	ND	50.00	ug/Kg	107%		70-130	1
Surrogates								
Dibromofluoromethane	49.41		50.00	ug/Kg	99%		70-145	1
1,2-Dichloroethane-d4	48.59		50.00	ug/Kg	97%		70-145	1
Toluene-d8	50.27		50.00	ug/Kg	101%		70-145	1
Bromofluorobenzene	50.39		50.00	ug/Kg	101%		70-145	1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1151491**	**Batch:**	**339803**
Matrix (Source ID):	**Soil (507999-001)**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1151491 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	55.25	ND	50.00	ug/Kg	111%		70-141	2	43	1
MTBE	48.71	ND	50.00	ug/Kg	97%		59-130	2	30	1
Benzene	50.38	ND	50.00	ug/Kg	101%		70-130	2	30	1
Trichloroethene	47.03	ND	50.00	ug/Kg	94%		69-130	2	30	1
Toluene	49.80	ND	50.00	ug/Kg	100%		70-130	2	30	1
Chlorobenzene	51.86	ND	50.00	ug/Kg	104%		70-130	3	30	1
Surrogates										
Dibromofluoromethane	49.48		50.00	ug/Kg	99%		70-145			1
1,2-Dichloroethane-d4	48.86		50.00	ug/Kg	98%		70-145			1
Toluene-d8	49.80		50.00	ug/Kg	100%		70-145			1
Bromofluorobenzene	50.35		50.00	ug/Kg	101%		70-145			1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1151492**	**Batch:**	**339803**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1151492 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	05/08/24	05/08/24
Freon 12	ND		ug/Kg	5.0	05/08/24	05/08/24
Chloromethane	ND		ug/Kg	5.0	05/08/24	05/08/24
Vinyl Chloride	ND		ug/Kg	5.0	05/08/24	05/08/24
Bromomethane	ND		ug/Kg	5.0	05/08/24	05/08/24
Chloroethane	ND		ug/Kg	5.0	05/08/24	05/08/24
Trichlorofluoromethane	ND		ug/Kg	5.0	05/08/24	05/08/24
Acetone	ND		ug/Kg	100	05/08/24	05/08/24
Freon 113	ND		ug/Kg	5.0	05/08/24	05/08/24
1,1-Dichloroethene	ND		ug/Kg	5.0	05/08/24	05/08/24
Methylene Chloride	ND		ug/Kg	5.0	05/08/24	05/08/24
MTBE	ND		ug/Kg	5.0	05/08/24	05/08/24
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	05/08/24	05/08/24
1,1-Dichloroethane	ND		ug/Kg	5.0	05/08/24	05/08/24
2-Butanone	ND		ug/Kg	100	05/08/24	05/08/24
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	05/08/24	05/08/24
2,2-Dichloropropane	ND		ug/Kg	5.0	05/08/24	05/08/24
Chloroform	ND		ug/Kg	5.0	05/08/24	05/08/24
Bromochloromethane	ND		ug/Kg	5.0	05/08/24	05/08/24
1,1,1-Trichloroethane	ND		ug/Kg	5.0	05/08/24	05/08/24
1,1-Dichloropropene	ND		ug/Kg	5.0	05/08/24	05/08/24
Carbon Tetrachloride	ND		ug/Kg	5.0	05/08/24	05/08/24
1,2-Dichloroethane	ND		ug/Kg	5.0	05/08/24	05/08/24
Benzene	ND		ug/Kg	5.0	05/08/24	05/08/24
Trichloroethene	ND		ug/Kg	5.0	05/08/24	05/08/24
1,2-Dichloropropane	ND		ug/Kg	5.0	05/08/24	05/08/24
Bromodichloromethane	ND		ug/Kg	5.0	05/08/24	05/08/24
Dibromomethane	ND		ug/Kg	5.0	05/08/24	05/08/24
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	05/08/24	05/08/24
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	05/08/24	05/08/24
Toluene	ND		ug/Kg	5.0	05/08/24	05/08/24
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	05/08/24	05/08/24
1,1,2-Trichloroethane	ND		ug/Kg	5.0	05/08/24	05/08/24
1,3-Dichloropropane	ND		ug/Kg	5.0	05/08/24	05/08/24
Tetrachloroethene	ND		ug/Kg	5.0	05/08/24	05/08/24
Dibromochloromethane	ND		ug/Kg	5.0	05/08/24	05/08/24
1,2-Dibromoethane	ND		ug/Kg	5.0	05/08/24	05/08/24
Chlorobenzene	ND		ug/Kg	5.0	05/08/24	05/08/24
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	05/08/24	05/08/24
Ethylbenzene	ND		ug/Kg	5.0	05/08/24	05/08/24
m,p-Xylenes	ND		ug/Kg	10	05/08/24	05/08/24
o-Xylene	ND		ug/Kg	5.0	05/08/24	05/08/24
Styrene	ND		ug/Kg	5.0	05/08/24	05/08/24
Bromoform	ND		ug/Kg	5.0	05/08/24	05/08/24
Isopropylbenzene	ND		ug/Kg	5.0	05/08/24	05/08/24
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	05/08/24	05/08/24
1,2,3-Trichloropropane	ND		ug/Kg	5.0	05/08/24	05/08/24

ENTHALPY ANALYTICAL

Batch QC

QC1151492 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Propylbenzene	ND		ug/Kg	5.0	05/08/24	05/08/24
Bromobenzene	ND		ug/Kg	5.0	05/08/24	05/08/24
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	05/08/24	05/08/24
2-Chlorotoluene	ND		ug/Kg	5.0	05/08/24	05/08/24
4-Chlorotoluene	ND		ug/Kg	5.0	05/08/24	05/08/24
tert-Butylbenzene	ND		ug/Kg	5.0	05/08/24	05/08/24
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	05/08/24	05/08/24
sec-Butylbenzene	ND		ug/Kg	5.0	05/08/24	05/08/24
para-Isopropyl Toluene	ND		ug/Kg	5.0	05/08/24	05/08/24
1,3-Dichlorobenzene	ND		ug/Kg	5.0	05/08/24	05/08/24
1,4-Dichlorobenzene	ND		ug/Kg	5.0	05/08/24	05/08/24
n-Butylbenzene	ND		ug/Kg	5.0	05/08/24	05/08/24
1,2-Dichlorobenzene	ND		ug/Kg	5.0	05/08/24	05/08/24
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	05/08/24	05/08/24
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	05/08/24	05/08/24
Hexachlorobutadiene	ND		ug/Kg	5.0	05/08/24	05/08/24
Naphthalene	ND		ug/Kg	5.0	05/08/24	05/08/24
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	05/08/24	05/08/24
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	05/08/24	05/08/24
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	05/08/24	05/08/24
tert-Butyl Alcohol (TBA)	ND		ug/Kg	100	05/08/24	05/08/24
Isopropyl Ether (DIPE)	ND		ug/Kg	5.0	05/08/24	05/08/24
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.0	05/08/24	05/08/24
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	5.0	05/08/24	05/08/24
Xylene (total)	ND		ug/Kg	5.0	05/08/24	05/08/24
Surrogates				**Limits**		
Dibromofluoromethane	99%		%REC	70-130	05/08/24	05/08/24
1,2-Dichloroethane-d4	103%		%REC	70-145	05/08/24	05/08/24
Toluene-d8	97%		%REC	70-145	05/08/24	05/08/24
Bromofluorobenzene	99%		%REC	70-145	05/08/24	05/08/24

* Value is outside QC limits
ND Not Detected

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

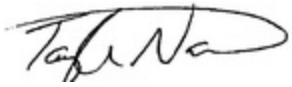
Lab Job Number : 507968
Report Level : II
Report Date : 05/15/2024

Analytical Report *prepared for:*

Chuck Houser
SCS Engineers
8799 Balboa #290
San Diego, CA 92123

Project: MIDWAY RISING - Sports Arena

Authorized for release by:



Taylor Nasu, Project Manager
Taylor.Nasu@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

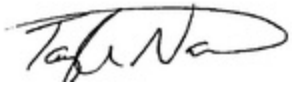
Lab Job Number : 511777
Report Level : II
Report Date : 09/10/2024

Analytical Report *prepared for:*

Chuck Houser
SCS Engineers
8799 Balboa #290
San Diego, CA 92123

Project: MIDWAY RISING - Sports Arena - REVISED REPORT

Authorized for release by:



Taylor Nasu, Project Manager
Taylor.Nasu@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

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Sample Summary

Chuck Houser SCS Engineers 8799 Balboa #290 San Diego, CA 92123	Lab Job #: Project No: Location: Date Received:	511777 MIDWAY RISING Sports Arena - REVISED REPORT 07/09/24

Sample ID	Lab ID	Collected	Matrix
HA-24-026-0.5	511777-001	07/09/24 06:14	Soil
HA-24-026-1.5	511777-002	07/09/24 06:26	Soil
HA-24-026-2.5	511777-003	07/09/24 06:42	Soil
HA-24-026-4	511777-004	07/09/24 06:57	Soil
HA-24-026-5	511777-005	07/09/24 07:11	Soil
HA-24-027-0.5	511777-006	07/09/24 07:42	Soil
HA-24-027-1.5	511777-007	07/09/24 07:58	Soil
HA-24-027-2.5	511777-008	07/09/24 08:14	Soil
HA-24-015A-0.5	511777-009	07/09/24 08:39	Soil
HA-24-015A-1.5	511777-010	07/09/24 08:55	Soil
HA-24-015A-2.5	511777-011	07/09/24 09:15	Soil
HA-24-015A-4	511777-012	07/09/24 09:28	Soil
HA-24-015A-5	511777-013	07/09/24 09:41	Soil
HA-24-031-0.5	511777-014	07/09/24 10:06	Soil
HA-24-031-1.5	511777-015	07/09/24 10:24	Soil
HA-24-031-2.5	511777-016	07/09/24 10:43	Soil
HA-24-031-4	511777-017	07/09/24 10:57	Soil
HA-24-031-5	511777-018	07/09/24 11:17	Soil
HA-24-032-0.5	511777-019	07/09/24 11:34	Soil
HA-24-032-1.5	511777-020	07/09/24 11:52	Soil
HA-24-033-0.5	511777-021	07/09/24 12:09	Soil
HA-24-033-1.5	511777-022	07/09/24 12:24	Soil
HA-24-033-2.5	511777-023	07/09/24 12:39	Soil
HA-24-033-4	511777-024	07/09/24 12:51	Soil
HA-24-033-5	511777-025	07/09/24 13:00	Soil
HA-24-034-0.5	511777-026	07/09/24 13:12	Soil

ENTHALPY ANALYTICAL

Sample Summary

Chuck Houser SCS Engineers 8799 Balboa #290 San Diego, CA 92123	Lab Job #: Project No: Location: Date Received:	511777 MIDWAY RISING Sports Arena - REVISED REPORT 07/09/24

Sample ID	Lab ID	Collected	Matrix
HA-24-034-1.5	511777-027	07/09/24 13:22	Soil
HA-24-034-2.5	511777-028	07/09/24 13:35	Soil

Case Narrative

SCS Engineers 8799 Balboa #290 San Diego, CA 92123 Chuck Houser	Lab Job Number:	511777
	Project No:	MIDWAY RISING
	Location:	Sports Arena - REVISED REPORT
	Date Received:	07/09/24

This data package contains sample and QC results for sixteen soil samples, requested for the above referenced project on 07/09/24. The samples were received cold and intact.

Pesticides (EPA 8081A) Soil:

- HA-24-015A-0.5 (lab # 511777-009) was diluted due to the color of the sample extract.
- No other analytical problems were encountered.

Metals (EPA 6010B and EPA 7471A):

- Included 6010-Co
- Low recoveries were observed for many analytes in the MS/MSD of HA-24-026-0.5 (lab # 511777-001); the LCS was within limits. High RPD was also observed for many analytes.
- No other analytical problems were encountered.

ENTHALPY ANALYTICAL

Chain of Custody Record — Lab No: 511777 — Page: 1 of 3

Turn Around Time (rush by advanced notice only)

Standard:	✓	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

<<< Select a Laboratory >>>

#N/A

#N/A

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	SCS Engineer	Name:	Midway Rising
Report To:	Chuck Houser	Number:	
Email:	chouser@scsengineers.com	P.O. #:	
Address:	8799 Balboa Ave. #290	Address:	
	San Diego, CA 92123		
Phone:	619-458-2799	Global ID:	
Fax:		Sampled By:	Tyler Overton

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	OCPs (EPA 8081A)	TPH (EPA 8015B)	Metals (EPA 6010B)	Lead (EPA 6010B)	Arsenic (EPA 6010B)						Archive	Test Instructions / Comments
1	HA-24-026-0.5	7/9/24	614	Soil	4oz glass jar	ice	X	X	X									4.0/2.5
2	HA-24-026-1.5		626														X	
3	HA-24-026-2.5		642				X			X	X							
4	HA-24-026-4		657														X	
5	HA-24-026-5		711														X	
6	HA-24-027-0.5		742				X	X	X									
7	HA-24-027-1.5		758														X	
8	HA-24-027-2.5		814				X			X	X							
9	HA-24-015A-0.5		839				X	X	X									
10	HA-24-015A-1.5	↓	855	↓	↓	↓											X	

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Tyler Overton	SCS Engineers	7/9/24 14:00
1 Received By:		Chris Montoya	EA SD	7/9/24 1506
2 Relinquished By:		Chris Montoya	EA SD	7/9/24 1713
2 Received By:		NIOO	EA	7-9-24 1713
3 Relinquished By:		NIOO	EA	7-9-24 1830
3 Received By:		JEBERT QUITUGUA	E.A.-OR	07/09/24 1830

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 51777

Page: 2 of 3

Turn Around Time (rush by advanced notice only)

Standard:	✓	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

<<< Select a Laboratory >>>

#N/A

#N/A

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	← see pg 1 →	Name:	
Report To:		Number:	
Email:		P.O. #:	
Address:		Address:	
Phone:		Global ID:	
Fax:		Sampled By:	

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	OCPs (EPA 8081A)	TPH (EPA 8015B)	Metals (EPA 6010B)	Lead (EPA 6010B)	Arsenic (EPA 6010B)					Archive	Test Instructions / Comments
1	HA-24-015A-2.5	7/9/24	915	soil	4ozglass jar	ice	X			X	X						
2	HA-24-015A-4		928													X	
3	HA-24-015A-5		941													X	
4	HA-24-031-0.5		1006				X	X	X								
5	HA-24-031-1.5		1024													X	
6	HA-24-031-2.5		1043				X			X	X						
7	HA-24-031-4		1057													X	
8	HA-24-031-5		1117													X	
9	HA-24-032-0.5		1134				X	X	X								
10	HA-24-032-1.5		1152				X			X	X						

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		W Tyler Overton	SCS Engineers	7/9/24 1400
[1] Received By:		Chris Montoya	EA-SD	7/9/24 1546
[2] Relinquished By:		Chris Montoya	EA-SD	7/9/24 1713
[2] Received By:		Nicole	EA	7-9-24 1713
[3] Relinquished By:		Nicole	EA	7-9-24 1809
[3] Received By:		JELBERT QUITUGUA	E.A.-OR	07/09/24 1830

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Chain of Custody Record

Lab No: 511777

Page: 3 of 3

Turn Around Time (rush by advanced notice only)

Standard:	✓	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

<<< Select a Laboratory >>>

#N/A

#N/A

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	← see pg 1 →	Name:	
Report To:		Number:	
Email:		P.O. #:	
Address:		Address:	
Phone:		Global ID:	
Fax:		Sampled By:	

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	OCPs (EPA 8081A)	TPH (EPA 8015B)	Metals (EPA 6010B)	Lead (EPA 6010B)	Arsenic (EPA 6010B)				Archive	Test Instructions / Comments
1	HA-24-033-0.5	7/9/24	1209	soil	4oz glass jar	ice	X	X	X							
2	HA-24-033-1.5		1224												X	
3	HA-24-033-2.5		1239				X			X	X					
4	HA-24-033-4		1251												X	
5	HA-24-033-5		1300												X	
6	HA-24-034-0.5		1312				X	X	X							
7	HA-24-034 1.5		1322												X	
8	HA-24-034 2.5		1335				X			X	X					
9			[illegible]													
10			[illegible]													

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		W Tyler Overton	SCS Engineers	7/9/23 14:00
1 Received By:		Chris Montoya	EA SD	7/9/24 1546
2 Relinquished By:		Chris Montoya	EA SD	7/9/24 1713
2 Received By:		N Tapia	EA	7-9-24 1713
3 Relinquished By:		NICOLE	EA	7-9-24 1830
3 Received By:		JELBERT QUINTANA	E.A. - OR	07/09/24 1830

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SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: SCS Engineers Project: Sports Arena

Date Received: 07/09/2024 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 4.8 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 2.5 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✓
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?			✓
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

511777

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: J. Quintanar Date: 07/09/24

[External] - Midway Rising project.

Houser, Chuck <CHouser@scsengineers.com>

Fri 7/19/2024 5:57 PM

To:Taylor Nasu <taylor.nasu@enthalpy.com>
Cc:Overton, Tyler <TOverton@scsengineers.com>;Montague, Luke <LMontague@scsengineers.com>

Taylor,

For our Midway Rising project, please perform the following additional analyses:

Sample ID	Requested Analyses
HA-24-15A-0.5	WET & TCLP for Chlordane
HA-24-15A-2.5	WET & TCLP for Chlordane, Title 22 Metals (EPA 6010B)
HA-24-15A-4	OCPs (EPA 8081A)
HA-24-15A-5	OCPs (EPA 8081A)
HA-24-34-0.5	WET & TCLP for Chlordane
HA-24-34-2.5	WET & TCLP for Chlordane, Title 22 Metals (EPA 6010B)

Chuck Houser, CHg
Project Manager
SCS Engineers
Office 858-571-5500 Ext. 2908

Direct: 858-583-7738
Mobile: 858-805-5523
chouser@scsengineers.com

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Analysis Results for 511777

Chuck Houser
SCS Engineers
8799 Balboa #290
San Diego, CA 92123

Lab Job #: 511777
Project No: MIDWAY RISING
Location: Sports Arena - REVISED REPORT
Date Received: 07/09/24

Sample ID: HA-24-026-0.5 **Lab ID: 511777-001** **Collected: 07/09/24 06:14**
Matrix: Soil

511777-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.96	344752	07/10/24	07/11/24	SBW
Arsenic	**3.9**		mg/Kg	0.96	0.96	344752	07/10/24	07/11/24	SBW
Barium	**54**		mg/Kg	0.96	0.96	344752	07/10/24	07/11/24	SBW
Beryllium	ND		mg/Kg	0.48	0.96	344752	07/10/24	07/11/24	SBW
Cadmium	ND		mg/Kg	0.48	0.96	344752	07/10/24	07/11/24	SBW
Chromium	**14**		mg/Kg	0.96	0.96	344752	07/10/24	07/11/24	SBW
Cobalt	**4.6**		mg/Kg	0.48	0.96	344752	07/10/24	07/11/24	SBW
Copper	**11**		mg/Kg	0.96	0.96	344752	07/10/24	07/11/24	SBW
Lead	**23**		mg/Kg	0.96	0.96	344752	07/10/24	07/11/24	SBW
Molybdenum	ND		mg/Kg	0.96	0.96	344752	07/10/24	07/11/24	SBW
Nickel	**6.6**		mg/Kg	0.96	0.96	344752	07/10/24	07/11/24	SBW
Selenium	ND		mg/Kg	2.9	0.96	344752	07/10/24	07/11/24	SBW
Silver	ND		mg/Kg	0.48	0.96	344752	07/10/24	07/11/24	SBW
Thallium	ND		mg/Kg	2.9	0.96	344752	07/10/24	07/11/24	SBW
Vanadium	**33**		mg/Kg	0.96	0.96	344752	07/10/24	07/11/24	SBW
Zinc	**68**		mg/Kg	4.8	0.96	344752	07/10/24	07/11/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.2	344824	07/11/24	07/11/24	MLL
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	10	1	344821	07/11/24	07/12/24	KMB
TPH (C13-C22)	ND		mg/Kg	10	1	344821	07/11/24	07/12/24	KMB
TPH (C23-C44)	**57**		mg/Kg	20	1	344821	07/11/24	07/12/24	KMB
Surrogates				**Limits**					
n-Triacontane	100%		%REC	70-130	1	344821	07/11/24	07/12/24	KMB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	KLR
beta-BHC	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	KLR
gamma-BHC	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	KLR
delta-BHC	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	KLR
Heptachlor	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	KLR
Aldrin	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	KLR
Endosulfan I	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	KLR
Dieldrin	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	KLR
4,4'-DDE	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	KLR
Endrin	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	KLR
Endosulfan II	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	KLR

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 511777

511777-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	KLR
4,4'-DDD	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	KLR
Endrin aldehyde	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	KLR
Endrin ketone	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	KLR
4,4'-DDT	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	KLR
Methoxychlor	ND		ug/Kg	9.9	0.99	344770	07/10/24	07/12/24	KLR
Toxaphene	ND		ug/Kg	99	0.99	344770	07/10/24	07/12/24	KLR
Chlordane (Technical)	**63**		ug/Kg	50	0.99	344770	07/10/24	07/12/24	KLR
Surrogates				**Limits**					
TCMX	85%		%REC	23-120	0.99	344770	07/10/24	07/12/24	KLR
Decachlorobiphenyl	83%		%REC	24-120	0.99	344770	07/10/24	07/12/24	KLR

Sample ID: HA-24-026-2.5 **Lab ID: 511777-003** **Collected: 07/09/24 06:42**
Matrix: Soil

511777-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**6.8**		mg/Kg	0.99	0.99	344752	07/10/24	07/11/24	SBW
Lead	**8.1**		mg/Kg	0.99	0.99	344752	07/10/24	07/11/24	SBW
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
beta-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
gamma-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
delta-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Heptachlor	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Aldrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan I	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Dieldrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDE	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan II	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDD	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin ketone	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Methoxychlor	ND		ug/Kg	10	1	344770	07/10/24	07/12/24	MES
Toxaphene	ND		ug/Kg	100	1	344770	07/10/24	07/12/24	MES
Chlordane (Technical)	ND		ug/Kg	50	1	344770	07/10/24	07/12/24	MES
Surrogates				**Limits**					
TCMX	87%		%REC	23-120	1	344770	07/10/24	07/12/24	MES
Decachlorobiphenyl	82%		%REC	24-120	1	344770	07/10/24	07/12/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 511777

Sample ID: HA-24-027-0.5	Lab ID: 511777-006	Collected: 07/09/24 07:42
	Matrix: Soil	

511777-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.95	344752	07/10/24	07/11/24	SBW
Arsenic	**23**		mg/Kg	0.95	0.95	344752	07/10/24	07/11/24	SBW
Barium	**130**		mg/Kg	0.95	0.95	344752	07/10/24	07/11/24	SBW
Beryllium	**1.0**		mg/Kg	0.48	0.95	344752	07/10/24	07/11/24	SBW
Cadmium	ND		mg/Kg	0.48	0.95	344752	07/10/24	07/11/24	SBW
Chromium	**9.4**		mg/Kg	0.95	0.95	344752	07/10/24	07/11/24	SBW
Cobalt	**15**		mg/Kg	0.48	0.95	344752	07/10/24	07/11/24	SBW
Copper	**14**		mg/Kg	0.95	0.95	344752	07/10/24	07/11/24	SBW
Lead	**12**		mg/Kg	0.95	0.95	344752	07/10/24	07/11/24	SBW
Molybdenum	**1.8**		mg/Kg	0.95	0.95	344752	07/10/24	07/11/24	SBW
Nickel	**6.4**		mg/Kg	0.95	0.95	344752	07/10/24	07/11/24	SBW
Selenium	ND		mg/Kg	2.9	0.95	344752	07/10/24	07/11/24	SBW
Silver	ND		mg/Kg	0.48	0.95	344752	07/10/24	07/11/24	SBW
Thallium	ND		mg/Kg	2.9	0.95	344752	07/10/24	07/11/24	SBW
Vanadium	**39**		mg/Kg	0.95	0.95	344752	07/10/24	07/11/24	SBW
Zinc	**53**		mg/Kg	4.8	0.95	344752	07/10/24	07/11/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.2	344824	07/11/24	07/11/24	MLL
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	9.9	0.99	344822	07/14/24	07/16/24	KMB
TPH (C13-C22)	ND		mg/Kg	9.9	0.99	344822	07/14/24	07/16/24	KMB
TPH (C23-C44)	ND		mg/Kg	20	0.99	344822	07/14/24	07/16/24	KMB
Surrogates				**Limits**					
n-Triacontane	83%		%REC	70-130	0.99	344822	07/14/24	07/16/24	KMB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
beta-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
gamma-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
delta-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Heptachlor	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Aldrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan I	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Dieldrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDE	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan II	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDD	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin ketone	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES

Results for any subcontracted analyses are not included in this section.

Analysis Results for 511777

511777-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	10	1	344770	07/10/24	07/12/24	MES
Toxaphene	ND		ug/Kg	100	1	344770	07/10/24	07/12/24	MES
Chlordane (Technical)	ND		ug/Kg	50	1	344770	07/10/24	07/12/24	MES
Surrogates				**Limits**					
TCMX	89%		%REC	23-120	1	344770	07/10/24	07/12/24	MES
Decachlorobiphenyl	87%		%REC	24-120	1	344770	07/10/24	07/12/24	MES

Sample ID: HA-24-027-2.5 **Lab ID: 511777-008** **Collected: 07/09/24 08:14**
Matrix: Soil

511777-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**6.5**		mg/Kg	0.98	0.98	344752	07/10/24	07/11/24	SBW
Lead	**5.4**		mg/Kg	0.98	0.98	344752	07/10/24	07/11/24	SBW
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
beta-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
gamma-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
delta-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Heptachlor	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Aldrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan I	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Dieldrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDE	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan II	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDD	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin ketone	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Methoxychlor	ND		ug/Kg	10	1	344770	07/10/24	07/12/24	MES
Toxaphene	ND		ug/Kg	100	1	344770	07/10/24	07/12/24	MES
Chlordane (Technical)	ND		ug/Kg	50	1	344770	07/10/24	07/12/24	MES
Surrogates				**Limits**					
TCMX	90%		%REC	23-120	1	344770	07/10/24	07/12/24	MES
Decachlorobiphenyl	89%		%REC	24-120	1	344770	07/10/24	07/12/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 511777

Sample ID: HA-24-015A-0.5	Lab ID: 511777-009	Collected: 07/09/24 08:39

511777-009 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	3.0	Soil	1	344752	07/10/24	07/11/24	SBW
Arsenic	**6.8**		mg/Kg	1.0	Soil	1	344752	07/10/24	07/11/24	SBW
Barium	**79**		mg/Kg	1.0	Soil	1	344752	07/10/24	07/11/24	SBW
Beryllium	ND		mg/Kg	0.50	Soil	1	344752	07/10/24	07/11/24	SBW
Cadmium	ND		mg/Kg	0.50	Soil	1	344752	07/10/24	07/11/24	SBW
Chromium	**14**		mg/Kg	1.0	Soil	1	344752	07/10/24	07/11/24	SBW
Cobalt	**15**		mg/Kg	0.50	Soil	1	344752	07/10/24	07/11/24	SBW
Copper	**21**		mg/Kg	1.0	Soil	1	344752	07/10/24	07/11/24	SBW
Lead	**10**		mg/Kg	1.0	Soil	1	344752	07/10/24	07/11/24	SBW
Molybdenum	ND		mg/Kg	1.0	Soil	1	344752	07/10/24	07/11/24	SBW
Nickel	**7.0**		mg/Kg	1.0	Soil	1	344752	07/10/24	07/11/24	SBW
Selenium	ND		mg/Kg	3.0	Soil	1	344752	07/10/24	07/11/24	SBW
Silver	ND		mg/Kg	0.50	Soil	1	344752	07/10/24	07/11/24	SBW
Thallium	ND		mg/Kg	3.0	Soil	1	344752	07/10/24	07/11/24	SBW
Vanadium	**32**		mg/Kg	1.0	Soil	1	344752	07/10/24	07/11/24	SBW
Zinc	**40**		mg/Kg	5.0	Soil	1	344752	07/10/24	07/11/24	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	ND		mg/Kg	0.14	Soil	1	344824	07/11/24	07/11/24	MLL
Method: EPA 8015M Prep Method: EPA 3580M										
TPH (C6-C12)	ND		mg/Kg	9.9	Soil	0.99	344822	07/14/24	07/16/24	KMB
TPH (C13-C22)	ND		mg/Kg	9.9	Soil	0.99	344822	07/14/24	07/16/24	KMB
TPH (C23-C44)	**130**		mg/Kg	20	Soil	0.99	344822	07/14/24	07/16/24	KMB
Surrogates				**Limits**						
n-Triacontane	92%		%REC	70-130	Soil	0.99	344822	07/14/24	07/16/24	KMB
Method: EPA 8081A Prep Method: EPA 3510C										
Chlordane (Technical)	ND		ug/L	2.9	WET Leachate	2.9	346325	07/29/24	07/30/24	MES
Surrogates				**Limits**						
TCMX	65%		%REC	14-120	WET Leachate	2.9	346325	07/29/24	07/30/24	MES
Decachlorobiphenyl	99%		%REC	20-120	WET Leachate	2.9	346325	07/29/24	07/30/24	MES
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
beta-BHC	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
gamma-BHC	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
delta-BHC	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Heptachlor	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Aldrin	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Heptachlor epoxide	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Endosulfan I	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Dieldrin	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
4,4'-DDE	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Endrin	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Endosulfan II	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 511777

511777-009 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Endosulfan sulfate	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
4,4'-DDD	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Endrin aldehyde	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Endrin ketone	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
4,4'-DDT	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Methoxychlor	ND		ug/Kg	20	Soil	2	344770	07/10/24	07/12/24	MES
Toxaphene	ND		ug/Kg	200	Soil	2	344770	07/10/24	07/12/24	MES
Chlordane (Technical)	**5,400**		ug/Kg	500	Soil	10	344770	07/10/24	07/15/24	MES
Surrogates				**Limits**						
TCMX	92%		%REC	23-120	Soil	2	344770	07/10/24	07/12/24	MES
Decachlorobiphenyl	88%		%REC	24-120	Soil	2	344770	07/10/24	07/12/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 511777

Sample ID: HA-24-015A-2.5	Lab ID: 511777-011	Collected: 07/09/24 09:15

511777-011 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	2.9	Soil	0.98	344752	07/10/24	07/11/24	SBW
Arsenic	**5.0**		mg/Kg	0.98	Soil	0.98	344752	07/10/24	07/11/24	SBW
Barium	**100**		mg/Kg	0.98	Soil	0.98	344752	07/10/24	07/11/24	SBW
Beryllium	ND		mg/Kg	0.49	Soil	0.98	344752	07/10/24	07/11/24	SBW
Cadmium	ND		mg/Kg	0.49	Soil	0.98	344752	07/10/24	07/11/24	SBW
Chromium	**22**		mg/Kg	0.98	Soil	0.98	344752	07/10/24	07/11/24	SBW
Cobalt	**7.3**		mg/Kg	0.49	Soil	0.98	344752	07/10/24	07/11/24	SBW
Copper	**13**		mg/Kg	0.98	Soil	0.98	344752	07/10/24	07/11/24	SBW
Lead	**8.7**		mg/Kg	0.98	Soil	0.98	344752	07/10/24	07/11/24	SBW
Molybdenum	ND		mg/Kg	0.98	Soil	0.98	344752	07/10/24	07/11/24	SBW
Nickel	**7.6**		mg/Kg	0.98	Soil	0.98	344752	07/10/24	07/11/24	SBW
Selenium	ND		mg/Kg	2.9	Soil	0.98	344752	07/10/24	07/11/24	SBW
Silver	ND		mg/Kg	0.49	Soil	0.98	344752	07/10/24	07/11/24	SBW
Thallium	ND		mg/Kg	2.9	Soil	0.98	344752	07/10/24	07/11/24	SBW
Vanadium	**53**		mg/Kg	0.98	Soil	0.98	344752	07/10/24	07/11/24	SBW
Zinc	**43**		mg/Kg	4.9	Soil	0.98	344752	07/10/24	07/11/24	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	ND		mg/Kg	0.16	Soil	1.2	346010	07/25/24	07/25/24	MLL
Method: EPA 8081A Prep Method: EPA 3510C										
Chlordane (Technical)	**3.1**		ug/L	2.2	WET Leachate	2.2	346325	07/29/24	07/30/24	MES
Surrogates				**Limits**						
TCMX	68%		%REC	14-120	WET Leachate	2.2	346325	07/29/24	07/30/24	MES
Decachlorobiphenyl	94%		%REC	20-120	WET Leachate	2.2	346325	07/29/24	07/30/24	MES
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.0	Soil	1	344770	07/10/24	07/12/24	MES
beta-BHC	ND		ug/Kg	5.0	Soil	1	344770	07/10/24	07/12/24	MES
gamma-BHC	ND		ug/Kg	5.0	Soil	1	344770	07/10/24	07/12/24	MES
delta-BHC	ND		ug/Kg	5.0	Soil	1	344770	07/10/24	07/12/24	MES
Heptachlor	ND		ug/Kg	5.0	Soil	1	344770	07/10/24	07/12/24	MES
Aldrin	ND		ug/Kg	5.0	Soil	1	344770	07/10/24	07/12/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	Soil	1	344770	07/10/24	07/12/24	MES
Endosulfan I	ND		ug/Kg	5.0	Soil	1	344770	07/10/24	07/12/24	MES
Dieldrin	ND		ug/Kg	5.0	Soil	1	344770	07/10/24	07/12/24	MES
4,4'-DDE	ND		ug/Kg	5.0	Soil	1	344770	07/10/24	07/12/24	MES
Endrin	ND		ug/Kg	5.0	Soil	1	344770	07/10/24	07/12/24	MES
Endosulfan II	ND		ug/Kg	5.0	Soil	1	344770	07/10/24	07/12/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	Soil	1	344770	07/10/24	07/12/24	MES
4,4'-DDD	ND		ug/Kg	5.0	Soil	1	344770	07/10/24	07/12/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	Soil	1	344770	07/10/24	07/12/24	MES
Endrin ketone	ND		ug/Kg	5.0	Soil	1	344770	07/10/24	07/12/24	MES
4,4'-DDT	ND		ug/Kg	5.0	Soil	1	344770	07/10/24	07/12/24	MES
Methoxychlor	ND		ug/Kg	10	Soil	1	344770	07/10/24	07/12/24	MES
Toxaphene	ND		ug/Kg	100	Soil	1	344770	07/10/24	07/12/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 511777

511777-011 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Chlordane (Technical)	**2,900**		ug/Kg	250	Soil	5	344770	07/10/24	07/15/24	MES
Surrogates				**Limits**						
TCMX	78%		%REC	23-120	Soil	1	344770	07/10/24	07/12/24	MES
Decachlorobiphenyl	75%		%REC	24-120	Soil	1	344770	07/10/24	07/12/24	MES

Sample ID: HA-24-015A-4 **Lab ID: 511777-012** **Collected: 07/09/24 09:28**
Matrix: Soil

511777-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
beta-BHC	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
gamma-BHC	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
delta-BHC	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Heptachlor	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Aldrin	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Endosulfan I	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Dieldrin	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
4,4'-DDE	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Endrin	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Endosulfan II	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Endosulfan sulfate	ND		ug/Kg	5.3	1	345741	07/23/24	07/23/24	MES
4,4'-DDD	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Endrin ketone	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Methoxychlor	ND		ug/Kg	10	1	345741	07/23/24	07/23/24	MES
Toxaphene	ND		ug/Kg	100	1	345741	07/23/24	07/23/24	MES
Chlordane (Technical)	**4,400**		ug/Kg	1,000	20	345741	07/23/24	07/24/24	MES
Surrogates				**Limits**					
TCMX	97%		%REC	23-120	1	345741	07/23/24	07/23/24	MES
Decachlorobiphenyl	96%		%REC	24-120	1	345741	07/23/24	07/23/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 511777

Sample ID: HA-24-015A-5	Lab ID: 511777-013	Collected: 07/09/24 09:41
	Matrix: Soil	

511777-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
beta-BHC	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
gamma-BHC	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
delta-BHC	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Heptachlor	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Aldrin	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Endosulfan I	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Dieldrin	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
4,4'-DDE	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Endrin	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Endosulfan II	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
4,4'-DDD	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Endrin ketone	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1	345741	07/23/24	07/23/24	MES
Methoxychlor	ND		ug/Kg	10	1	345741	07/23/24	07/23/24	MES
Toxaphene	ND		ug/Kg	100	1	345741	07/23/24	07/23/24	MES
Chlordane (Technical)	**780**		ug/Kg	100	2	345741	07/23/24	07/24/24	MES
Surrogates				**Limits**					
TCMX	96%		%REC	23-120	1	345741	07/23/24	07/23/24	MES
Decachlorobiphenyl	88%		%REC	24-120	1	345741	07/23/24	07/23/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 511777

Sample ID: HA-24-031-0.5	Lab ID: 511777-014	Collected: 07/09/24 10:06
	Matrix: Soil	

511777-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.96	344752	07/10/24	07/11/24	SBW
Arsenic	**4.1**		mg/Kg	0.96	0.96	344752	07/10/24	07/11/24	SBW
Barium	**120**		mg/Kg	0.96	0.96	344752	07/10/24	07/11/24	SBW
Beryllium	ND		mg/Kg	0.48	0.96	344752	07/10/24	07/11/24	SBW
Cadmium	ND		mg/Kg	0.48	0.96	344752	07/10/24	07/11/24	SBW
Chromium	**25**		mg/Kg	0.96	0.96	344752	07/10/24	07/11/24	SBW
Cobalt	**9.1**		mg/Kg	0.48	0.96	344752	07/10/24	07/11/24	SBW
Copper	**15**		mg/Kg	0.96	0.96	344752	07/10/24	07/11/24	SBW
Lead	**7.8**		mg/Kg	0.96	0.96	344752	07/10/24	07/11/24	SBW
Molybdenum	ND		mg/Kg	0.96	0.96	344752	07/10/24	07/11/24	SBW
Nickel	**8.5**		mg/Kg	0.96	0.96	344752	07/10/24	07/11/24	SBW
Selenium	ND		mg/Kg	2.9	0.96	344752	07/10/24	07/11/24	SBW
Silver	ND		mg/Kg	0.48	0.96	344752	07/10/24	07/11/24	SBW
Thallium	ND		mg/Kg	2.9	0.96	344752	07/10/24	07/11/24	SBW
Vanadium	**62**		mg/Kg	0.96	0.96	344752	07/10/24	07/11/24	SBW
Zinc	**48**		mg/Kg	4.8	0.96	344752	07/10/24	07/11/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	344824	07/11/24	07/11/24	MLL
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	9.9	0.99	344822	07/14/24	07/16/24	KMB
TPH (C13-C22)	ND		mg/Kg	9.9	0.99	344822	07/14/24	07/16/24	KMB
TPH (C23-C44)	ND		mg/Kg	20	0.99	344822	07/14/24	07/16/24	KMB
Surrogates				**Limits**					
n-Triacontane	86%		%REC	70-130	0.99	344822	07/14/24	07/16/24	KMB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
beta-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
gamma-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
delta-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Heptachlor	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Aldrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan I	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Dieldrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDE	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan II	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDD	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin ketone	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 511777

511777-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	10	1	344770	07/10/24	07/12/24	MES
Toxaphene	ND		ug/Kg	100	1	344770	07/10/24	07/12/24	MES
Chlordane (Technical)	**100**		ug/Kg	50	1	344770	07/10/24	07/12/24	MES
Surrogates				**Limits**					
TCMX	81%		%REC	23-120	1	344770	07/10/24	07/12/24	MES
Decachlorobiphenyl	73%		%REC	24-120	1	344770	07/10/24	07/12/24	MES

Sample ID: HA-24-031-2.5 **Lab ID: 511777-016** **Collected: 07/09/24 10:43**
Matrix: Soil

511777-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**4.7**		mg/Kg	0.98	0.98	344752	07/10/24	07/11/24	SBW
Lead	**7.5**		mg/Kg	0.98	0.98	344752	07/10/24	07/11/24	SBW
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
beta-BHC	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
gamma-BHC	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
delta-BHC	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Heptachlor	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Aldrin	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Endosulfan I	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Dieldrin	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
4,4'-DDE	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Endrin	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Endosulfan II	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
4,4'-DDD	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Endrin ketone	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
4,4'-DDT	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Methoxychlor	ND		ug/Kg	9.9	0.99	344770	07/10/24	07/12/24	MES
Toxaphene	ND		ug/Kg	99	0.99	344770	07/10/24	07/12/24	MES
Chlordane (Technical)	ND		ug/Kg	50	0.99	344770	07/10/24	07/12/24	MES
Surrogates				**Limits**					
TCMX	85%		%REC	23-120	0.99	344770	07/10/24	07/12/24	MES
Decachlorobiphenyl	83%		%REC	24-120	0.99	344770	07/10/24	07/12/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 511777

Sample ID: HA-24-032-0.5	Lab ID: 511777-019	Collected: 07/09/24 11:34
	Matrix: Soil	

511777-019 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.97	344752	07/10/24	07/11/24	SBW
Arsenic	**4.6**		mg/Kg	0.97	0.97	344752	07/10/24	07/11/24	SBW
Barium	**100**		mg/Kg	0.97	0.97	344752	07/10/24	07/11/24	SBW
Beryllium	ND		mg/Kg	0.49	0.97	344752	07/10/24	07/11/24	SBW
Cadmium	ND		mg/Kg	0.49	0.97	344752	07/10/24	07/11/24	SBW
Chromium	**22**		mg/Kg	0.97	0.97	344752	07/10/24	07/11/24	SBW
Cobalt	**11**		mg/Kg	0.49	0.97	344752	07/10/24	07/11/24	SBW
Copper	**19**		mg/Kg	0.97	0.97	344752	07/10/24	07/11/24	SBW
Lead	**7.2**		mg/Kg	0.97	0.97	344752	07/10/24	07/11/24	SBW
Molybdenum	ND		mg/Kg	0.97	0.97	344752	07/10/24	07/11/24	SBW
Nickel	**7.9**		mg/Kg	0.97	0.97	344752	07/10/24	07/11/24	SBW
Selenium	ND		mg/Kg	2.9	0.97	344752	07/10/24	07/11/24	SBW
Silver	ND		mg/Kg	0.49	0.97	344752	07/10/24	07/11/24	SBW
Thallium	ND		mg/Kg	2.9	0.97	344752	07/10/24	07/11/24	SBW
Vanadium	**57**		mg/Kg	0.97	0.97	344752	07/10/24	07/11/24	SBW
Zinc	**45**		mg/Kg	4.9	0.97	344752	07/10/24	07/11/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	344824	07/11/24	07/11/24	MLL
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	9.9	0.99	344822	07/14/24	07/15/24	KMB
TPH (C13-C22)	ND		mg/Kg	9.9	0.99	344822	07/14/24	07/15/24	KMB
TPH (C23-C44)	ND		mg/Kg	20	0.99	344822	07/14/24	07/15/24	KMB
Surrogates				**Limits**					
n-Triacontane	87%		%REC	70-130	0.99	344822	07/14/24	07/15/24	KMB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
beta-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
gamma-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
delta-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Heptachlor	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Aldrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan I	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Dieldrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDE	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan II	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDD	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin ketone	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES

Results for any subcontracted analyses are not included in this section.

Analysis Results for 511777

511777-019 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	10	1	344770	07/10/24	07/12/24	MES
Toxaphene	ND		ug/Kg	100	1	344770	07/10/24	07/12/24	MES
Chlordane (Technical)	ND		ug/Kg	50	1	344770	07/10/24	07/12/24	MES
Surrogates				**Limits**					
TCMX	82%		%REC	23-120	1	344770	07/10/24	07/12/24	MES
Decachlorobiphenyl	72%		%REC	24-120	1	344770	07/10/24	07/12/24	MES

Sample ID: HA-24-032-1.5 **Lab ID: 511777-020** **Collected: 07/09/24 11:52**
Matrix: Soil

511777-020 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**3.5**		mg/Kg	1.0	1	344752	07/10/24	07/11/24	SBW
Lead	**4.8**		mg/Kg	1.0	1	344752	07/10/24	07/11/24	SBW
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
beta-BHC	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
gamma-BHC	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
delta-BHC	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Heptachlor	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Aldrin	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Endosulfan I	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Dieldrin	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
4,4'-DDE	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Endrin	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Endosulfan II	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
4,4'-DDD	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Endrin ketone	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
4,4'-DDT	ND		ug/Kg	5.0	0.99	344770	07/10/24	07/12/24	MES
Methoxychlor	ND		ug/Kg	9.9	0.99	344770	07/10/24	07/12/24	MES
Toxaphene	ND		ug/Kg	99	0.99	344770	07/10/24	07/12/24	MES
Chlordane (Technical)	ND		ug/Kg	50	0.99	344770	07/10/24	07/12/24	MES
Surrogates				**Limits**					
TCMX	88%		%REC	23-120	0.99	344770	07/10/24	07/12/24	MES
Decachlorobiphenyl	86%		%REC	24-120	0.99	344770	07/10/24	07/12/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 511777

Sample ID: HA-24-033-0.5	Lab ID: 511777-021	Collected: 07/09/24 12:09
	Matrix: Soil	

511777-021 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.95	344752	07/10/24	07/11/24	SBW
Arsenic	**1.2**		mg/Kg	0.95	0.95	344752	07/10/24	07/11/24	SBW
Barium	**98**		mg/Kg	0.95	0.95	344752	07/10/24	07/11/24	SBW
Beryllium	ND		mg/Kg	0.48	0.95	344752	07/10/24	07/11/24	SBW
Cadmium	ND		mg/Kg	0.48	0.95	344752	07/10/24	07/11/24	SBW
Chromium	**14**		mg/Kg	0.95	0.95	344752	07/10/24	07/11/24	SBW
Cobalt	**33**		mg/Kg	0.48	0.95	344752	07/10/24	07/11/24	SBW
Copper	**48**		mg/Kg	0.95	0.95	344752	07/10/24	07/11/24	SBW
Lead	**1.6**		mg/Kg	0.95	0.95	344752	07/10/24	07/11/24	SBW
Molybdenum	ND		mg/Kg	0.95	0.95	344752	07/10/24	07/11/24	SBW
Nickel	**6.8**		mg/Kg	0.95	0.95	344752	07/10/24	07/11/24	SBW
Selenium	ND		mg/Kg	2.9	0.95	344752	07/10/24	07/11/24	SBW
Silver	ND		mg/Kg	0.48	0.95	344752	07/10/24	07/11/24	SBW
Thallium	ND		mg/Kg	2.9	0.95	344752	07/10/24	07/11/24	SBW
Vanadium	**66**		mg/Kg	0.95	0.95	344752	07/10/24	07/11/24	SBW
Zinc	**28**		mg/Kg	4.8	0.95	344752	07/10/24	07/11/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.17	1.2	344824	07/11/24	07/11/24	MLL
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	10	1	344822	07/14/24	07/16/24	KMB
TPH (C13-C22)	ND		mg/Kg	10	1	344822	07/14/24	07/16/24	KMB
TPH (C23-C44)	ND		mg/Kg	20	1	344822	07/14/24	07/16/24	KMB
Surrogates				**Limits**					
n-Triacontane	80%		%REC	70-130	1	344822	07/14/24	07/16/24	KMB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
beta-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
gamma-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
delta-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Heptachlor	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Aldrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan I	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Dieldrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDE	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan II	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDD	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin ketone	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 511777

511777-021 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	10	1	344770	07/10/24	07/12/24	MES
Toxaphene	ND		ug/Kg	100	1	344770	07/10/24	07/12/24	MES
Chlordane (Technical)	ND		ug/Kg	50	1	344770	07/10/24	07/12/24	MES
Surrogates				**Limits**					
TCMX	85%		%REC	23-120	1	344770	07/10/24	07/12/24	MES
Decachlorobiphenyl	81%		%REC	24-120	1	344770	07/10/24	07/12/24	MES

Sample ID: HA-24-033-2.5 **Lab ID: 511777-023** **Collected: 07/09/24 12:39**
Matrix: Soil

511777-023 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**2.9**		mg/Kg	0.96	0.96	344752	07/10/24	07/11/24	SBW
Cobalt	**8.8**		mg/Kg	0.48	0.96	344752	07/10/24	07/11/24	SBW
Lead	**2.4**		mg/Kg	0.96	0.96	344752	07/10/24	07/11/24	SBW
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
beta-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
gamma-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
delta-BHC	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Heptachlor	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Aldrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan I	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Dieldrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDE	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan II	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDD	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Endrin ketone	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1	344770	07/10/24	07/12/24	MES
Methoxychlor	ND		ug/Kg	10	1	344770	07/10/24	07/12/24	MES
Toxaphene	ND		ug/Kg	100	1	344770	07/10/24	07/12/24	MES
Chlordane (Technical)	ND		ug/Kg	50	1	344770	07/10/24	07/12/24	MES
Surrogates				**Limits**					
TCMX	85%		%REC	23-120	1	344770	07/10/24	07/12/24	MES
Decachlorobiphenyl	82%		%REC	24-120	1	344770	07/10/24	07/12/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 511777

Sample ID: HA-24-034-0.5	Lab ID: 511777-026	Collected: 07/09/24 13:12

511777-026 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	3.0	Soil	0.99	344752	07/10/24	07/11/24	SBW
Arsenic	**6.8**		mg/Kg	0.99	Soil	0.99	344752	07/10/24	07/11/24	SBW
Barium	**87**		mg/Kg	0.99	Soil	0.99	344752	07/10/24	07/11/24	SBW
Beryllium	ND		mg/Kg	0.50	Soil	0.99	344752	07/10/24	07/11/24	SBW
Cadmium	ND		mg/Kg	0.50	Soil	0.99	344752	07/10/24	07/11/24	SBW
Chromium	**13**		mg/Kg	0.99	Soil	0.99	344752	07/10/24	07/11/24	SBW
Cobalt	**81**		mg/Kg	0.50	Soil	0.99	344752	07/10/24	07/11/24	SBW
Copper	**47**		mg/Kg	0.99	Soil	0.99	344752	07/10/24	07/11/24	SBW
Lead	**10**		mg/Kg	0.99	Soil	0.99	344752	07/10/24	07/11/24	SBW
Molybdenum	ND		mg/Kg	0.99	Soil	0.99	344752	07/10/24	07/11/24	SBW
Nickel	**7.2**		mg/Kg	0.99	Soil	0.99	344752	07/10/24	07/11/24	SBW
Selenium	ND		mg/Kg	3.0	Soil	0.99	344752	07/10/24	07/11/24	SBW
Silver	**0.71**		mg/Kg	0.50	Soil	0.99	344752	07/10/24	07/11/24	SBW
Thallium	ND		mg/Kg	3.0	Soil	0.99	344752	07/10/24	07/11/24	SBW
Vanadium	**32**		mg/Kg	0.99	Soil	0.99	344752	07/10/24	07/11/24	SBW
Zinc	**58**		mg/Kg	5.0	Soil	0.99	344752	07/10/24	07/11/24	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	ND		mg/Kg	0.16	Soil	1.1	344824	07/11/24	07/11/24	MLL
Method: EPA 8015M Prep Method: EPA 3580M										
TPH (C6-C12)	ND		mg/Kg	10	Soil	1	344822	07/14/24	07/16/24	KMB
TPH (C13-C22)	ND		mg/Kg	10	Soil	1	344822	07/14/24	07/16/24	KMB
TPH (C23-C44)	**110**		mg/Kg	20	Soil	1	344822	07/14/24	07/16/24	KMB
Surrogates				**Limits**						
n-Triacontane	88%		%REC	70-130	Soil	1	344822	07/14/24	07/16/24	KMB
Method: EPA 8081A Prep Method: EPA 3510C										
Chlordane (Technical)	ND		ug/L	2.8	WET Leachate	2.8	346325	07/29/24	07/30/24	MES
Surrogates				**Limits**						
TCMX	72%		%REC	14-120	WET Leachate	2.8	346325	07/29/24	07/30/24	MES
Decachlorobiphenyl	97%		%REC	20-120	WET Leachate	2.8	346325	07/29/24	07/30/24	MES
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
beta-BHC	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
gamma-BHC	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
delta-BHC	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Heptachlor	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Aldrin	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Heptachlor epoxide	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Endosulfan I	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Dieldrin	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
4,4'-DDE	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Endrin	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Endosulfan II	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 511777

511777-026 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Endosulfan sulfate	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
4,4'-DDD	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Endrin aldehyde	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Endrin ketone	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
4,4'-DDT	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Methoxychlor	ND		ug/Kg	20	Soil	2	344770	07/10/24	07/12/24	MES
Toxaphene	ND		ug/Kg	200	Soil	2	344770	07/10/24	07/12/24	MES
Chlordane (Technical)	**7,200**		ug/Kg	500	Soil	10	344770	07/10/24	07/15/24	MES
Surrogates				**Limits**						
TCMX	86%		%REC	23-120	Soil	2	344770	07/10/24	07/12/24	MES
Decachlorobiphenyl	77%		%REC	24-120	Soil	2	344770	07/10/24	07/12/24	MES

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 511777

Sample ID: HA-24-034-2.5	Lab ID: 511777-028	Collected: 07/09/24 13:35

511777-028 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	2.9	Soil	0.98	344752	07/10/24	07/11/24	SBW
Arsenic	**6.6**		mg/Kg	0.98	Soil	0.98	344752	07/10/24	07/11/24	SBW
Barium	**98**		mg/Kg	0.98	Soil	0.98	344752	07/10/24	07/11/24	SBW
Beryllium	ND		mg/Kg	0.49	Soil	0.98	344752	07/10/24	07/11/24	SBW
Cadmium	ND		mg/Kg	0.49	Soil	0.98	344752	07/10/24	07/11/24	SBW
Chromium	**13**		mg/Kg	0.98	Soil	0.98	344752	07/10/24	07/11/24	SBW
Cobalt	**21**		mg/Kg	0.49	Soil	0.98	344752	07/10/24	07/11/24	SBW
Copper	**25**		mg/Kg	0.98	Soil	0.98	344752	07/10/24	07/11/24	SBW
Lead	**15**		mg/Kg	0.98	Soil	0.98	344752	07/10/24	07/11/24	SBW
Molybdenum	ND		mg/Kg	0.98	Soil	0.98	344752	07/10/24	07/11/24	SBW
Nickel	**7.4**		mg/Kg	0.98	Soil	0.98	344752	07/10/24	07/11/24	SBW
Selenium	ND		mg/Kg	2.9	Soil	0.98	344752	07/10/24	07/11/24	SBW
Silver	ND		mg/Kg	0.49	Soil	0.98	344752	07/10/24	07/11/24	SBW
Thallium	ND		mg/Kg	2.9	Soil	0.98	344752	07/10/24	07/11/24	SBW
Vanadium	**30**		mg/Kg	0.98	Soil	0.98	344752	07/10/24	07/11/24	SBW
Zinc	**39**		mg/Kg	4.9	Soil	0.98	344752	07/10/24	07/11/24	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	ND		mg/Kg	0.17	Soil	1.2	346010	07/25/24	07/25/24	MLL
Method: EPA 8081A Prep Method: EPA 3510C										
Chlordane (Technical)	**2.7**		ug/L	2.6	WET Leachate	2.6	346325	07/29/24	07/30/24	MES
Surrogates				**Limits**						
TCMX	72%		%REC	14-120	WET Leachate	2.6	346325	07/29/24	07/30/24	MES
Decachlorobiphenyl	93%		%REC	20-120	WET Leachate	2.6	346325	07/29/24	07/30/24	MES
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
beta-BHC	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
gamma-BHC	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
delta-BHC	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Heptachlor	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Aldrin	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Heptachlor epoxide	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Endosulfan I	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Dieldrin	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
4,4'-DDE	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Endrin	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Endosulfan II	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Endosulfan sulfate	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
4,4'-DDD	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Endrin aldehyde	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Endrin ketone	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
4,4'-DDT	ND		ug/Kg	10	Soil	2	344770	07/10/24	07/12/24	MES
Methoxychlor	ND		ug/Kg	20	Soil	2	344770	07/10/24	07/12/24	MES
Toxaphene	ND		ug/Kg	200	Soil	2	344770	07/10/24	07/12/24	MES

Results for any subcontracted analyses are not included in this section.

Analysis Results for 511777

511777-028 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Chlordane (Technical)	**5,800**		ug/Kg	500	Soil	10	344770	07/10/24	07/15/24	MES
Surrogates				**Limits**						
TCMX	96%		%REC	23-120	Soil	2	344770	07/10/24	07/12/24	MES
Decachlorobiphenyl	92%		%REC	24-120	Soil	2	344770	07/10/24	07/12/24	MES

ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1168194	Batch: 344752
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1168194 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	07/10/24	07/11/24
Arsenic	ND		mg/Kg	1.0	07/10/24	07/11/24
Barium	ND		mg/Kg	1.0	07/10/24	07/11/24
Beryllium	ND		mg/Kg	0.50	07/10/24	07/11/24
Cadmium	ND		mg/Kg	0.50	07/10/24	07/11/24
Chromium	ND		mg/Kg	1.0	07/10/24	07/11/24
Cobalt	ND		mg/Kg	0.50	07/10/24	07/11/24
Copper	ND		mg/Kg	1.0	07/10/24	07/11/24
Lead	ND		mg/Kg	1.0	07/10/24	07/11/24
Molybdenum	ND		mg/Kg	1.0	07/10/24	07/11/24
Nickel	ND		mg/Kg	1.0	07/10/24	07/11/24
Selenium	ND		mg/Kg	3.0	07/10/24	07/11/24
Silver	ND		mg/Kg	0.50	07/10/24	07/11/24
Thallium	ND		mg/Kg	3.0	07/10/24	07/11/24
Vanadium	ND		mg/Kg	1.0	07/10/24	07/11/24
Zinc	ND		mg/Kg	5.0	07/10/24	07/11/24

Type: Lab Control Sample	Lab ID: QC1168195	Batch: 344752
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1168195 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	106.4	100.0	mg/Kg	106%		80-120
Arsenic	100.7	100.0	mg/Kg	101%		80-120
Barium	105.8	100.0	mg/Kg	106%		80-120
Beryllium	102.2	100.0	mg/Kg	102%		80-120
Cadmium	102.9	100.0	mg/Kg	103%		80-120
Chromium	104.0	100.0	mg/Kg	104%		80-120
Cobalt	111.7	100.0	mg/Kg	112%		80-120
Copper	102.9	100.0	mg/Kg	103%		80-120
Lead	110.9	100.0	mg/Kg	111%		80-120
Molybdenum	101.5	100.0	mg/Kg	101%		80-120
Nickel	108.6	100.0	mg/Kg	109%		80-120
Selenium	94.62	100.0	mg/Kg	95%		80-120
Silver	50.93	50.00	mg/Kg	102%		80-120
Thallium	111.2	100.0	mg/Kg	111%		80-120
Vanadium	103.5	100.0	mg/Kg	103%		80-120
Zinc	107.2	100.0	mg/Kg	107%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1168196	Batch:	344752
Matrix (Source ID):	Soil (511777-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1168196 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	28.27	ND	96.15	mg/Kg	29%	*	75-125	0.96
Arsenic	66.96	3.933	96.15	mg/Kg	66%	*	75-125	0.96
Barium	118.0	54.23	96.15	mg/Kg	66%	*	75-125	0.96
Beryllium	64.33	0.2143	96.15	mg/Kg	67%	*	75-125	0.96
Cadmium	63.12	0.1064	96.15	mg/Kg	66%	*	75-125	0.96
Chromium	77.45	13.82	96.15	mg/Kg	66%	*	75-125	0.96
Cobalt	71.60	4.582	96.15	mg/Kg	70%	*	75-125	0.96
Copper	76.23	11.15	96.15	mg/Kg	68%	*	75-125	0.96
Lead	82.45	22.57	96.15	mg/Kg	62%	*	75-125	0.96
Molybdenum	61.97	ND	96.15	mg/Kg	64%	*	75-125	0.96
Nickel	70.93	6.570	96.15	mg/Kg	67%	*	75-125	0.96
Selenium	61.44	ND	96.15	mg/Kg	64%	*	75-125	0.96
Silver	31.86	ND	48.08	mg/Kg	66%	*	75-125	0.96
Thallium	67.09	ND	96.15	mg/Kg	70%	*	75-125	0.96
Vanadium	99.48	33.23	96.15	mg/Kg	69%	*	75-125	0.96
Zinc	120.2	67.93	96.15	mg/Kg	54%	*	75-125	0.96

Type:	Matrix Spike Duplicate	Lab ID:	QC1168197	Batch:	344752
Matrix (Source ID):	Soil (511777-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1168197 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	36.32	ND	98.04	mg/Kg	37%	*	75-125	23	41	0.98
Arsenic	102.5	3.933	98.04	mg/Kg	101%		75-125	40*	35	0.98
Barium	175.4	54.23	98.04	mg/Kg	124%		75-125	38*	20	0.98
Beryllium	99.04	0.2143	98.04	mg/Kg	101%		75-125	41*	20	0.98
Cadmium	96.37	0.1064	98.04	mg/Kg	98%		75-125	40*	20	0.98
Chromium	118.5	13.82	98.04	mg/Kg	107%		75-125	40*	20	0.98
Cobalt	109.7	4.582	98.04	mg/Kg	107%		75-125	40*	20	0.98
Copper	117.5	11.15	98.04	mg/Kg	108%		75-125	41*	20	0.98
Lead	123.9	22.57	98.04	mg/Kg	103%		75-125	39*	20	0.98
Molybdenum	93.99	ND	98.04	mg/Kg	96%		75-125	39*	20	0.98
Nickel	108.6	6.570	98.04	mg/Kg	104%		75-125	40*	20	0.98
Selenium	93.46	ND	98.04	mg/Kg	95%		75-125	39*	20	0.98
Silver	49.37	ND	49.02	mg/Kg	101%		75-125	41*	20	0.98
Thallium	102.8	ND	98.04	mg/Kg	105%		75-125	40*	20	0.98
Vanadium	149.6	33.23	98.04	mg/Kg	119%		75-125	39*	20	0.98
Zinc	169.1	67.93	98.04	mg/Kg	103%		75-125	33*	20	0.98

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Batch QC

Type:	Post Digest Spike	Lab ID:	QC1168198	Batch:	344752
Matrix (Source ID):	Soil (511777-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1168198 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	100.1	ND	96.15	mg/Kg	104%		75-125	0.96
Arsenic	100.0	3.933	96.15	mg/Kg	100%		75-125	0.96
Barium	151.1	54.23	96.15	mg/Kg	101%		75-125	0.96
Beryllium	96.41	0.2143	96.15	mg/Kg	100%		75-125	0.96
Cadmium	95.00	0.1064	96.15	mg/Kg	99%		75-125	0.96
Chromium	109.5	13.82	96.15	mg/Kg	100%		75-125	0.96
Cobalt	106.2	4.582	96.15	mg/Kg	106%		75-125	0.96
Copper	110.4	11.15	96.15	mg/Kg	103%		75-125	0.96
Lead	124.2	22.57	96.15	mg/Kg	106%		75-125	0.96
Molybdenum	97.26	ND	96.15	mg/Kg	101%		75-125	0.96
Nickel	105.1	6.570	96.15	mg/Kg	102%		75-125	0.96
Selenium	95.10	ND	96.15	mg/Kg	99%		75-125	0.96
Silver	48.44	ND	48.08	mg/Kg	101%		75-125	0.96
Thallium	102.3	ND	96.15	mg/Kg	106%		75-125	0.96
Vanadium	129.7	33.23	96.15	mg/Kg	100%		75-125	0.96
Zinc	164.1	67.93	96.15	mg/Kg	100%		75-125	0.96

Type:	Blank	Lab ID:	QC1168443	Batch:	344824
Matrix:	Soil	Method:	EPA 7471A	Prep Method:	METHOD

QC1168443 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	07/11/24	07/11/24

Type:	Lab Control Sample	Lab ID:	QC1168444	Batch:	344824
Matrix:	Soil	Method:	EPA 7471A	Prep Method:	METHOD

QC1168444 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8293	0.8333	mg/Kg	100%		80-120

Type:	Matrix Spike	Lab ID:	QC1168445	Batch:	344824
Matrix (Source ID):	Soil (511777-001)	Method:	EPA 7471A	Prep Method:	METHOD

QC1168445 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.8184	ND	0.8475	mg/Kg	97%		75-125	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1168446	Batch:	344824
Matrix (Source ID):	Soil (511777-001)	Method:	EPA 7471A	Prep Method:	METHOD

QC1168446 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	0.8089	ND	0.8621	mg/Kg	94%		75-125	3	20	1

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Batch QC

Type: Blank	Lab ID: QC1172453	Batch: 346010
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1172453 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	07/25/24	07/25/24

Type: Lab Control Sample	Lab ID: QC1172454	Batch: 346010
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1172454 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.9037	0.8333	mg/Kg	108%		80-120

Type: Matrix Spike	Lab ID: QC1172455	Batch: 346010
Matrix (Source ID): Soil (512714-001)	Method: EPA 7471A	Prep Method: METHOD

QC1172455 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	1.078	ND	1.000	mg/Kg	108%		75-125	1.2

Type: Matrix Spike Duplicate	Lab ID: QC1172456	Batch: 346010
Matrix (Source ID): Soil (512714-001)	Method: EPA 7471A	Prep Method: METHOD

QC1172456 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	0.9553	ND	0.8929	mg/Kg	107%		75-125	1	20	1.1

Type: Blank	Lab ID: QC1168433	Batch: 344821
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1168433 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH (C6-C12)	ND		mg/Kg	10	07/11/24	07/11/24
TPH (C13-C22)	ND		mg/Kg	10	07/11/24	07/11/24
TPH (C23-C44)	ND		mg/Kg	20	07/11/24	07/11/24
Surrogates				**Limits**		
n-Triacontane	90%		%REC	70-130	07/11/24	07/11/24

Type: Lab Control Sample	Lab ID: QC1168434	Batch: 344821
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1168434 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	274.0	248.8	mg/Kg	110%		76-122
Surrogates						
n-Triacontane	9.632	9.950	mg/Kg	97%		70-130

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Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1168435**	**Batch:**	**344821**
Matrix (Source ID):	**Soil (511591-022)**	**Method:**	**EPA 8015M**	**Prep Method:**	**EPA 3580M**

QC1168435 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	301.9	84.11	248.6	mg/Kg	88%		62-126	5
Surrogates								
n-Triacontane	9.015		9.945	mg/Kg	91%		70-130	5

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1168436**	**Batch:**	**344821**
Matrix (Source ID):	**Soil (511591-022)**	**Method:**	**EPA 8015M**	**Prep Method:**	**EPA 3580M**

QC1168436 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	314.4	84.11	247.6	mg/Kg	93%		62-126	4	35	5
Surrogates										
n-Triacontane	9.484		9.906	mg/Kg	96%		70-130			5

Type:	**Blank**	**Lab ID:**	**QC1168437**	**Batch:**	**344822**
Matrix:	**Soil**	**Method:**	**EPA 8015M**	**Prep Method:**	**EPA 3580M**

QC1168437 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH (C6-C12)	ND		mg/Kg	10	07/14/24	07/15/24
TPH (C13-C22)	ND		mg/Kg	10	07/14/24	07/15/24
TPH (C23-C44)	ND		mg/Kg	20	07/14/24	07/15/24
Surrogates				**Limits**		
n-Triacontane	96%		%REC	70-130	07/14/24	07/15/24

Type:	**Lab Control Sample**	**Lab ID:**	**QC1168438**	**Batch:**	**344822**
Matrix:	**Soil**	**Method:**	**EPA 8015M**	**Prep Method:**	**EPA 3580M**

QC1168438 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	246.2	248.8	mg/Kg	99%		76-122
Surrogates						
n-Triacontane	8.481	9.950	mg/Kg	85%		70-130

Type:	**Matrix Spike**	**Lab ID:**	**QC1169292**	**Batch:**	**344822**
Matrix (Source ID):	**Soil (511777-019)**	**Method:**	**EPA 8015M**	**Prep Method:**	**EPA 3580M**

QC1169292 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	243.8	ND	249.8	mg/Kg	98%		62-126	1
Surrogates								
n-Triacontane	8.058		9.990	mg/Kg	81%		70-130	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1169293	Batch:	344822
Matrix (Source ID):	Soil (511777-019)	Method:	EPA 8015M	Prep Method:	EPA 3580M

QC1169293 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	241.2	ND	249.1	mg/Kg	97%		62-126	1	35	1
Surrogates										
n-Triacontane	7.968		9.965	mg/Kg	80%		70-130			1

Type:	Blank	Lab ID:	QC1173491	Batch:	346325
Matrix:	Water	Method:	EPA 8081A	Prep Method:	EPA 3510C

QC1173491 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Chlordane (Technical)	ND		ug/L	1.0	07/29/24	07/30/24
Surrogates				Limits		
TCMX	70%		%REC	14-120	07/29/24	07/30/24
Decachlorobiphenyl	87%		%REC	20-120	07/29/24	07/30/24

Type:	Lab Control Sample	Lab ID:	QC1173492	Batch:	346325
Matrix:	Water	Method:	EPA 8081A	Prep Method:	EPA 3510C

QC1173492 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
4,4'-DDD	0.5129	0.5000	ug/L	103%		53-120
4,4'-DDE	0.4876	0.5000	ug/L	98%	#	55-120
4,4'-DDT	0.4802	0.5000	ug/L	96%	#	58-120
Surrogates						
TCMX	0.3936	0.5000	ug/L	79%		14-120
Decachlorobiphenyl	0.4375	0.5000	ug/L	87%		20-120

Type:	Lab Control Sample Duplicate	Lab ID:	QC1173493	Batch:	346325
Matrix:	Water	Method:	EPA 8081A	Prep Method:	EPA 3510C

QC1173493 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
4,4'-DDD	0.5519	0.5000	ug/L	110%		53-120	7	20
4,4'-DDE	0.5239	0.5000	ug/L	105%	#	55-120	7	20
4,4'-DDT	0.5272	0.5000	ug/L	105%	#	58-120	9	20
Surrogates								
TCMX	0.4145	0.5000	ug/L	83%		14-120		
Decachlorobiphenyl	0.4727	0.5000	ug/L	95%		20-120		

Type:	Blank	Lab ID:	QC1173496	Batch:	346325
Matrix:	WET Leachate	Method:	EPA 8081A	Prep Method:	EPA 3510C

QC1173496 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Chlordane (Technical)	ND		ug/L	2.0	07/29/24	07/30/24
Surrogates				Limits		
TCMX	74%		%REC	14-120	07/29/24	07/30/24
Decachlorobiphenyl	92%		%REC	20-120	07/29/24	07/30/24

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1173497	Batch: 346325
Matrix: WET Leachate	Method: EPA 8081A	Prep Method: EPA 3510C

QC1173497 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Chlordane (Technical)	ND		ug/L	2.0	07/29/24	07/30/24
Surrogates				**Limits**		
TCMX	69%		%REC	14-120	07/29/24	07/30/24
Decachlorobiphenyl	90%		%REC	20-120	07/29/24	07/30/24

Type: Blank	Lab ID: QC1168234	Batch: 344770
Matrix: Soil	Method: EPA 8081A	Prep Method: EPA 3546

QC1168234 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
alpha-BHC	ND		ug/Kg	5.0	07/10/24	07/12/24
beta-BHC	ND		ug/Kg	5.0	07/10/24	07/12/24
gamma-BHC	ND		ug/Kg	5.0	07/10/24	07/12/24
delta-BHC	ND		ug/Kg	5.0	07/10/24	07/12/24
Heptachlor	ND		ug/Kg	5.0	07/10/24	07/12/24
Aldrin	ND		ug/Kg	5.0	07/10/24	07/12/24
Heptachlor epoxide	ND		ug/Kg	5.0	07/10/24	07/12/24
Endosulfan I	ND		ug/Kg	5.0	07/10/24	07/12/24
Dieldrin	ND		ug/Kg	5.0	07/10/24	07/12/24
4,4'-DDE	ND		ug/Kg	5.0	07/10/24	07/12/24
Endrin	ND		ug/Kg	5.0	07/10/24	07/12/24
Endosulfan II	ND		ug/Kg	5.0	07/10/24	07/12/24
Endosulfan sulfate	ND		ug/Kg	5.0	07/10/24	07/12/24
4,4'-DDD	ND		ug/Kg	5.0	07/10/24	07/12/24
Endrin aldehyde	ND		ug/Kg	5.0	07/10/24	07/12/24
Endrin ketone	ND		ug/Kg	5.0	07/10/24	07/12/24
4,4'-DDT	ND		ug/Kg	5.0	07/10/24	07/12/24
Methoxychlor	ND		ug/Kg	10	07/10/24	07/12/24
Toxaphene	ND		ug/Kg	100	07/10/24	07/12/24
Chlordane (Technical)	ND		ug/Kg	50	07/10/24	07/12/24
Surrogates				**Limits**		
TCMX	90%		%REC	23-120	07/10/24	07/12/24
Decachlorobiphenyl	78%		%REC	24-120	07/10/24	07/12/24

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	**Lab ID: QC1168235**	**Batch: 344770**
Matrix: Soil	**Method: EPA 8081A**	**Prep Method: EPA 3546**

QC1168235 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	43.43	50.00	ug/Kg	87%		22-129
beta-BHC	45.99	50.00	ug/Kg	92%		28-125
gamma-BHC	43.86	50.00	ug/Kg	88%		22-128
delta-BHC	42.56	50.00	ug/Kg	85%		24-131
Heptachlor	40.87	50.00	ug/Kg	82%		18-124
Aldrin	42.26	50.00	ug/Kg	85%		23-120
Heptachlor epoxide	40.15	50.00	ug/Kg	80%		26-120
Endosulfan I	41.63	50.00	ug/Kg	83%		25-126
Dieldrin	42.20	50.00	ug/Kg	84%		23-124
4,4'-DDE	44.85	50.00	ug/Kg	90%		28-121
Endrin	42.11	50.00	ug/Kg	84%		25-127
Endosulfan II	43.19	50.00	ug/Kg	86%		29-121
Endosulfan sulfate	36.38	50.00	ug/Kg	73%		30-121
4,4'-DDD	42.50	50.00	ug/Kg	85%		26-120
Endrin aldehyde	35.71	50.00	ug/Kg	71%		10-120
Endrin ketone	42.01	50.00	ug/Kg	84%		28-125
4,4'-DDT	44.91	50.00	ug/Kg	90%		22-125
Methoxychlor	43.10	50.00	ug/Kg	86%		28-130
Surrogates						
TCMX	47.94	50.00	ug/Kg	96%		23-120
Decachlorobiphenyl	49.37	50.00	ug/Kg	99%		24-120

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1168236**	**Batch:**	**344770**
Matrix (Source ID):	**Soil (511777-001)**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3546**

QC1168236 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	43.12	ND	49.50	ug/Kg	87%		46-120	0.99
beta-BHC	45.08	ND	49.50	ug/Kg	91%		41-120	0.99
gamma-BHC	44.27	ND	49.50	ug/Kg	89%		41-120	0.99
delta-BHC	42.22	ND	49.50	ug/Kg	85%		38-123	0.99
Heptachlor	40.77	ND	49.50	ug/Kg	82%		39-120	0.99
Aldrin	42.50	ND	49.50	ug/Kg	86%		34-120	0.99
Heptachlor epoxide	39.97	ND	49.50	ug/Kg	81%		43-120	0.99
Endosulfan I	41.72	ND	49.50	ug/Kg	84%		45-120	0.99
Dieldrin	43.79	ND	49.50	ug/Kg	88%		45-120	0.99
4,4'-DDE	45.16	ND	49.50	ug/Kg	91%		34-120	0.99
Endrin	43.49	ND	49.50	ug/Kg	88%		40-120	0.99
Endosulfan II	44.22	ND	49.50	ug/Kg	89%		41-120	0.99
Endosulfan sulfate	39.37	ND	49.50	ug/Kg	80%		42-120	0.99
4,4'-DDD	44.74	3.452	49.50	ug/Kg	83%		41-120	0.99
Endrin aldehyde	43.67	ND	49.50	ug/Kg	88%		30-120	0.99
Endrin ketone	43.98	ND	49.50	ug/Kg	89%		45-120	0.99
4,4'-DDT	45.00	3.410	49.50	ug/Kg	84%		35-127	0.99
Methoxychlor	43.84	ND	49.50	ug/Kg	89%		42-136	0.99
Surrogates								
TCMX	44.69		49.50	ug/Kg	90%		23-120	0.99
Decachlorobiphenyl	44.52		49.50	ug/Kg	90%		24-120	0.99

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1168237**	**Batch:**	**344770**
Matrix (Source ID):	**Soil (511777-001)**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3546**

QC1168237 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
alpha-BHC	41.62	ND	50.00	ug/Kg	83%		46-120	5	30	1
beta-BHC	44.54	ND	50.00	ug/Kg	89%		41-120	2	30	1
gamma-BHC	43.66	ND	50.00	ug/Kg	87%		41-120	2	30	1
delta-BHC	41.97	ND	50.00	ug/Kg	84%		38-123	2	30	1
Heptachlor	40.42	ND	50.00	ug/Kg	81%		39-120	2	30	1
Aldrin	41.10	ND	50.00	ug/Kg	82%		34-120	4	30	1
Heptachlor epoxide	38.36	ND	50.00	ug/Kg	77%		43-120	5	30	1
Endosulfan I	41.09	ND	50.00	ug/Kg	82%		45-120	3	30	1
Dieldrin	42.61	ND	50.00	ug/Kg	85%		45-120	4	30	1
4,4'-DDE	43.86	ND	50.00	ug/Kg	88%		34-120	4	30	1
Endrin	42.15	ND	50.00	ug/Kg	84%		40-120	4	30	1
Endosulfan II	42.25	ND	50.00	ug/Kg	84%		41-120	6	30	1
Endosulfan sulfate	39.57	ND	50.00	ug/Kg	79%		42-120	0	30	1
4,4'-DDD	43.23	3.452	50.00	ug/Kg	80%		41-120	4	30	1
Endrin aldehyde	42.42	ND	50.00	ug/Kg	85%		30-120	4	30	1
Endrin ketone	42.69	ND	50.00	ug/Kg	85%		45-120	4	30	1
4,4'-DDT	43.06	3.410	50.00	ug/Kg	79%		35-127	5	30	1
Methoxychlor	44.24	ND	50.00	ug/Kg	88%		42-136	0	30	1
Surrogates										
TCMX	44.86		50.00	ug/Kg	90%		23-120			1
Decachlorobiphenyl	43.51		50.00	ug/Kg	87%		24-120			1

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Batch QC

Type: Lab Control Sample	**Lab ID: QC1171661**	**Batch: 345741**
Matrix: Soil	**Method: EPA 8081A**	**Prep Method: EPA 3546**

QC1171661 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	33.85	50.51	ug/Kg	67%		22-129
beta-BHC	38.18	50.51	ug/Kg	76%		28-125
gamma-BHC	34.32	50.51	ug/Kg	68%		22-128
delta-BHC	36.22	50.51	ug/Kg	72%		24-131
Heptachlor	33.97	50.51	ug/Kg	67%		18-124
Aldrin	29.22	50.51	ug/Kg	58%		23-120
Heptachlor epoxide	36.22	50.51	ug/Kg	72%	#	26-120
Endosulfan I	35.75	50.51	ug/Kg	71%		25-126
Dieldrin	36.20	50.51	ug/Kg	72%		23-124
4,4'-DDE	38.05	50.51	ug/Kg	75%		28-121
Endrin	37.17	50.51	ug/Kg	74%		25-127
Endosulfan II	41.90	50.51	ug/Kg	83%		29-121
Endosulfan sulfate	40.78	50.51	ug/Kg	81%		30-121
4,4'-DDD	39.22	50.51	ug/Kg	78%	#	26-120
Endrin aldehyde	10.04	50.51	ug/Kg	20%		10-120
Endrin ketone	42.81	50.51	ug/Kg	85%		28-125
4,4'-DDT	36.46	50.51	ug/Kg	72%		22-125
Methoxychlor	37.73	50.51	ug/Kg	75%		28-130
Surrogates						
TCMX	31.49	50.51	ug/Kg	62%		23-120
Decachlorobiphenyl	36.56	50.51	ug/Kg	72%		24-120

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1171662**	**Batch:**	**345741**
Matrix (Source ID):	**Soil (512546-001)**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3546**

QC1171662 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	45.22	ND	49.50	ug/Kg	91%		46-120	0.99
beta-BHC	51.91	ND	49.50	ug/Kg	105%		41-120	0.99
gamma-BHC	46.95	ND	49.50	ug/Kg	95%		41-120	0.99
delta-BHC	49.82	ND	49.50	ug/Kg	101%		38-123	0.99
Heptachlor	45.89	ND	49.50	ug/Kg	93%		39-120	0.99
Aldrin	44.22	ND	49.50	ug/Kg	89%		34-120	0.99
Heptachlor epoxide	49.51	ND	49.50	ug/Kg	100%	#	43-120	0.99
Endosulfan I	47.33	ND	49.50	ug/Kg	96%		45-120	0.99
Dieldrin	47.12	ND	49.50	ug/Kg	95%		45-120	0.99
4,4'-DDE	50.02	ND	49.50	ug/Kg	101%		34-120	0.99
Endrin	48.89	ND	49.50	ug/Kg	99%		40-120	0.99
Endosulfan II	48.40	ND	49.50	ug/Kg	98%		41-120	0.99
Endosulfan sulfate	40.54	ND	49.50	ug/Kg	82%		42-120	0.99
4,4'-DDD	48.53	ND	49.50	ug/Kg	98%	#	41-120	0.99
Endrin aldehyde	33.77	ND	49.50	ug/Kg	68%		30-120	0.99
Endrin ketone	48.49	ND	49.50	ug/Kg	98%		45-120	0.99
4,4'-DDT	52.72	ND	49.50	ug/Kg	106%		35-127	0.99
Methoxychlor	49.89	ND	49.50	ug/Kg	101%		42-136	0.99
Surrogates								
TCMX	40.18		49.50	ug/Kg	81%		23-120	0.99
Decachlorobiphenyl	42.06		49.50	ug/Kg	85%		24-120	0.99

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Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1171663**	**Batch:**	**345741**
Matrix (Source ID):	**Soil (512546-001)**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3546**

QC1171663 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
alpha-BHC	49.44	ND	49.50	ug/Kg	100%		46-120	9	30	0.99
beta-BHC	52.87	ND	49.50	ug/Kg	107%		41-120	2	30	0.99
gamma-BHC	49.82	ND	49.50	ug/Kg	101%		41-120	6	30	0.99
delta-BHC	50.74	ND	49.50	ug/Kg	102%		38-123	2	30	0.99
Heptachlor	48.84	ND	49.50	ug/Kg	99%		39-120	6	30	0.99
Aldrin	46.77	ND	49.50	ug/Kg	94%		34-120	6	30	0.99
Heptachlor epoxide	50.93	ND	49.50	ug/Kg	103%	#	43-120	3	30	0.99
Endosulfan I	48.65	ND	49.50	ug/Kg	98%		45-120	3	30	0.99
Dieldrin	48.18	ND	49.50	ug/Kg	97%		45-120	2	30	0.99
4,4'-DDE	51.16	ND	49.50	ug/Kg	103%		34-120	2	30	0.99
Endrin	49.93	ND	49.50	ug/Kg	101%		40-120	2	30	0.99
Endosulfan II	50.14	ND	49.50	ug/Kg	101%		41-120	4	30	0.99
Endosulfan sulfate	34.92	ND	49.50	ug/Kg	71%		42-120	15	30	0.99
4,4'-DDD	50.35	ND	49.50	ug/Kg	102%	#	41-120	4	30	0.99
Endrin aldehyde	32.72	ND	49.50	ug/Kg	66%		30-120	3	30	0.99
Endrin ketone	49.15	ND	49.50	ug/Kg	99%		45-120	1	30	0.99
4,4'-DDT	54.04	ND	49.50	ug/Kg	109%		35-127	2	30	0.99
Methoxychlor	51.28	ND	49.50	ug/Kg	104%		42-136	3	30	0.99
Surrogates										
TCMX	45.05		49.50	ug/Kg	91%		23-120			0.99
Decachlorobiphenyl	43.35		49.50	ug/Kg	88%		24-120			0.99

\# CCV drift outside limits; average CCV drift within limits per method requirements

* Value is outside QC limits

ND Not Detected

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Sample Summary

Chuck Houser
SCS Engineers
8799 Balboa #290
San Diego, CA
92123

Lab Job #:	507968
Project No:	MIDWAY RISING
Location:	Sports Arena
Date Received:	05/08/24

Sample ID	Lab ID	Collected	Matrix
T40-1	507968-001	05/08/24 07:50	Soil
T40-2.5	507968-002	05/08/24 07:56	Soil
T40-4	507968-003	05/08/24 07:57	Soil
T41-1	507968-004	05/08/24 08:29	Soil
T41-3	507968-005	05/08/24 08:41	Soil
T41-4.5	507968-006	05/08/24 08:45	Soil
T42-1	507968-007	05/08/24 08:12	Soil
T42-2	507968-008	05/08/24 08:15	Soil
T42-4.5	507968-009	05/08/24 08:19	Soil

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Case Narrative

SCS Engineers 8799 Balboa #290 San Diego, CA 92123 Chuck Houser	Lab Job Number:	507968
	Project No:	MIDWAY RISING
	Location:	Sports Arena
	Date Received:	05/08/24

This data package contains sample and QC results for nine soil samples, requested for the above referenced project on 05/08/24. The samples were received cold and intact.

Pesticides (EPA 8081A):

- T42-1 (lab # 507968-007) was diluted due to the color of the sample extract.
- No other analytical problems were encountered.

Metals (EPA 6010B):

- High recovery was observed for lead in the post digest spike of T40-1 (lab # 507968-001); the LCS was within limits.
- No other analytical problems were encountered.

ENTHALPY ANALYTICAL

Enthalpy Analytical - Orange
931 W. Barkley Avenue, Orange, CA 92868
Phone 714-771-6900

Chain of Custody Record
Lab No: 507968
Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	SCS Engineers	Name:	Midway Rising
Report To:	Chuck Houser	Number:	Sports Arena
Email:	chouser@scsengineers.com	P.O. #:	1213320.07
Address:	8799 Balboa Ave., Suite 290	Address:	
	San Diego, CA 92123		
Phone:	858-805-5523	Global ID:	
Fax:		Sampled By:	

Analysis Request / **Test Instructions / Comments**: 2.1/0.4

#	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Title 22 Metals EPA 6010	TPH-extended EPA 8015B	Organochlorine pesticides 8081A	VOCs EPA 8260B	Lead EPA 6010
1	T40-1	5/8/2024	7:50	S	8 oz jar	None			X		X
2	T40-2.5	↓	7:56	S	8 oz jar	None					X
3	T40-4	↓	7:57	S	8 oz jar	None					X
4	T41-1	↓	8:29	S	8 oz jar	None			X		X
5	T41-3	↓	8:41	S	8 oz jar	None					X
6	T41-4.5	↓	8:45	S	8 oz jar	None					X
7	T42-1	↓	8:12	S	8 oz jar	None			X		X
8	T42-2	↓	8:15	S	8 oz jar	None					X
9	T42-4.5	↓	8:19	S	8 oz jar	None					X
10				~~S~~	~~8 oz jar~~	~~None~~					

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:	[signature]	Jennifer Morton	SCS Engineers	5/8/2024 12:10
[1] Received By:	[signature]	Chris Montoya	EA-SD	5/8/24 1217
[2] Relinquished By:	[signature]	Chris Montoya	EA SD	5/8/24 1638
[2] Received By:	[signature]	[illegible]	EA	5-8-24 1630
[3] Relinquished By:	[signature]	[illegible]	EA	5-8-24 1905
	[signature]	[illegible]	EA	5/8/24 1805

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SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: SCS Eng. Project: Midway Rising

Date Received: 5/8/24 Sampler's Name Present: ☐ Yes ☒ No

Section 2

Sample(s) received in a cooler? ☒ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 2.1 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☒ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 0.4 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✓
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?			✓
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 5/8/24

ENTHALPY ANALYTICAL

Analysis Results for 507968

Chuck Houser
SCS Engineers
8799 Balboa #290
San Diego, CA 92123

Lab Job #: 507968
Project No: MIDWAY RISING
Location: Sports Arena
Date Received: 05/08/24

Sample ID: T40-1 **Lab ID: 507968-001** **Collected: 05/08/24 07:50**
Matrix: Soil

507968-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**22**		mg/Kg	1.0	1	339914	05/09/24	05/10/24	SBW
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	340050	05/12/24	05/14/24	KLR
beta-BHC	ND		ug/Kg	5.1	1	340050	05/12/24	05/14/24	KLR
gamma-BHC	ND		ug/Kg	5.1	1	340050	05/12/24	05/14/24	KLR
delta-BHC	ND		ug/Kg	5.1	1	340050	05/12/24	05/14/24	KLR
Heptachlor	ND		ug/Kg	5.1	1	340050	05/12/24	05/14/24	KLR
Aldrin	ND		ug/Kg	5.1	1	340050	05/12/24	05/14/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.1	1	340050	05/12/24	05/14/24	KLR
Endosulfan I	ND		ug/Kg	5.1	1	340050	05/12/24	05/14/24	KLR
Dieldrin	ND		ug/Kg	5.1	1	340050	05/12/24	05/14/24	KLR
4,4'-DDE	ND		ug/Kg	5.1	1	340050	05/12/24	05/14/24	KLR
Endrin	ND		ug/Kg	5.1	1	340050	05/12/24	05/14/24	KLR
Endosulfan II	ND		ug/Kg	5.1	1	340050	05/12/24	05/14/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.1	1	340050	05/12/24	05/14/24	KLR
4,4'-DDD	ND		ug/Kg	5.1	1	340050	05/12/24	05/14/24	KLR
Endrin aldehyde	ND		ug/Kg	5.1	1	340050	05/12/24	05/14/24	KLR
Endrin ketone	ND		ug/Kg	5.1	1	340050	05/12/24	05/14/24	KLR
4,4'-DDT	ND		ug/Kg	5.1	1	340050	05/12/24	05/14/24	KLR
Methoxychlor	ND		ug/Kg	10	1	340050	05/12/24	05/14/24	KLR
Toxaphene	ND		ug/Kg	100	1	340050	05/12/24	05/14/24	KLR
Chlordane (Technical)	ND		ug/Kg	51	1	340050	05/12/24	05/14/24	KLR
Surrogates				**Limits**					
TCMX	69%		%REC	23-120	1	340050	05/12/24	05/14/24	KLR
Decachlorobiphenyl	88%		%REC	24-120	1	340050	05/12/24	05/14/24	KLR

Sample ID: T40-2.5 **Lab ID: 507968-002** **Collected: 05/08/24 07:56**
Matrix: Soil

507968-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**1.6**		mg/Kg	0.95	0.95	339914	05/09/24	05/10/24	SBW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 507968

Sample ID: T40-4 **Lab ID: 507968-003** **Collected: 05/08/24 07:57**
Matrix: Soil

507968-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**2.7**		mg/Kg	0.96	0.96	339914	05/09/24	05/10/24	SBW

Sample ID: T41-1 **Lab ID: 507968-004** **Collected: 05/08/24 08:29**
Matrix: Soil

507968-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**9.6**		mg/Kg	0.98	0.98	339914	05/09/24	05/10/24	SBW
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	4.9	0.98	340050	05/12/24	05/14/24	KLR
beta-BHC	ND		ug/Kg	4.9	0.98	340050	05/12/24	05/14/24	KLR
gamma-BHC	ND		ug/Kg	4.9	0.98	340050	05/12/24	05/14/24	KLR
delta-BHC	ND		ug/Kg	4.9	0.98	340050	05/12/24	05/14/24	KLR
Heptachlor	ND		ug/Kg	4.9	0.98	340050	05/12/24	05/14/24	KLR
Aldrin	ND		ug/Kg	4.9	0.98	340050	05/12/24	05/14/24	KLR
Heptachlor epoxide	ND		ug/Kg	4.9	0.98	340050	05/12/24	05/14/24	KLR
Endosulfan I	ND		ug/Kg	4.9	0.98	340050	05/12/24	05/14/24	KLR
Dieldrin	ND		ug/Kg	4.9	0.98	340050	05/12/24	05/14/24	KLR
4,4'-DDE	ND		ug/Kg	4.9	0.98	340050	05/12/24	05/14/24	KLR
Endrin	ND		ug/Kg	4.9	0.98	340050	05/12/24	05/14/24	KLR
Endosulfan II	ND		ug/Kg	4.9	0.98	340050	05/12/24	05/14/24	KLR
Endosulfan sulfate	ND		ug/Kg	4.9	0.98	340050	05/12/24	05/14/24	KLR
4,4'-DDD	ND		ug/Kg	4.9	0.98	340050	05/12/24	05/14/24	KLR
Endrin aldehyde	ND		ug/Kg	4.9	0.98	340050	05/12/24	05/14/24	KLR
Endrin ketone	ND		ug/Kg	4.9	0.98	340050	05/12/24	05/14/24	KLR
4,4'-DDT	ND		ug/Kg	4.9	0.98	340050	05/12/24	05/14/24	KLR
Methoxychlor	ND		ug/Kg	9.8	0.98	340050	05/12/24	05/14/24	KLR
Toxaphene	ND		ug/Kg	98	0.98	340050	05/12/24	05/14/24	KLR
Chlordane (Technical)	ND		ug/Kg	49	0.98	340050	05/12/24	05/14/24	KLR
Surrogates				**Limits**					
TCMX	68%		%REC	23-120	0.98	340050	05/12/24	05/14/24	KLR
Decachlorobiphenyl	99%		%REC	24-120	0.98	340050	05/12/24	05/14/24	KLR

Sample ID: T41-3 **Lab ID: 507968-005** **Collected: 05/08/24 08:41**
Matrix: Soil

507968-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**1.7**		mg/Kg	0.95	0.95	339914	05/09/24	05/10/24	SBW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 507968

Sample ID: T41-4.5 **Lab ID: 507968-006** **Collected: 05/08/24 08:45**
Matrix: Soil

507968-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	ND		mg/Kg	1.0	1	339914	05/09/24	05/10/24	SBW

Sample ID: T42-1 **Lab ID: 507968-007** **Collected: 05/08/24 08:12**
Matrix: Soil

507968-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**7.2**		mg/Kg	0.97	0.97	339914	05/09/24	05/10/24	SBW
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	10	2	340050	05/12/24	05/14/24	KLR
beta-BHC	ND		ug/Kg	10	2	340050	05/12/24	05/14/24	KLR
gamma-BHC	ND		ug/Kg	10	2	340050	05/12/24	05/14/24	KLR
delta-BHC	ND		ug/Kg	10	2	340050	05/12/24	05/14/24	KLR
Heptachlor	ND		ug/Kg	10	2	340050	05/12/24	05/14/24	KLR
Aldrin	ND		ug/Kg	10	2	340050	05/12/24	05/14/24	KLR
Heptachlor epoxide	ND		ug/Kg	10	2	340050	05/12/24	05/14/24	KLR
Endosulfan I	ND		ug/Kg	10	2	340050	05/12/24	05/14/24	KLR
Dieldrin	ND		ug/Kg	10	2	340050	05/12/24	05/14/24	KLR
4,4'-DDE	ND		ug/Kg	10	2	340050	05/12/24	05/14/24	KLR
Endrin	ND		ug/Kg	10	2	340050	05/12/24	05/14/24	KLR
Endosulfan II	ND		ug/Kg	10	2	340050	05/12/24	05/14/24	KLR
Endosulfan sulfate	ND		ug/Kg	10	2	340050	05/12/24	05/14/24	KLR
4,4'-DDD	ND		ug/Kg	10	2	340050	05/12/24	05/14/24	KLR
Endrin aldehyde	ND		ug/Kg	10	2	340050	05/12/24	05/14/24	KLR
Endrin ketone	ND		ug/Kg	10	2	340050	05/12/24	05/14/24	KLR
4,4'-DDT	ND		ug/Kg	10	2	340050	05/12/24	05/14/24	KLR
Methoxychlor	ND		ug/Kg	20	2	340050	05/12/24	05/14/24	KLR
Toxaphene	ND		ug/Kg	200	2	340050	05/12/24	05/14/24	KLR
Chlordane (Technical)	ND		ug/Kg	100	2	340050	05/12/24	05/14/24	KLR
Surrogates				**Limits**					
TCMX	70%		%REC	23-120	2	340050	05/12/24	05/14/24	KLR
Decachlorobiphenyl	85%		%REC	24-120	2	340050	05/12/24	05/14/24	KLR

Sample ID: T42-2 **Lab ID: 507968-008** **Collected: 05/08/24 08:15**
Matrix: Soil

507968-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**1.4**		mg/Kg	0.98	0.98	339914	05/09/24	05/10/24	SBW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 507968

Sample ID: T42-4.5	Lab ID: 507968-009	Collected: 05/08/24 08:19
	Matrix: Soil	

507968-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	ND		mg/Kg	0.98	0.98	339914	05/09/24	05/10/24	SBW

ND Not Detected

Results for any subcontracted analyses are not included in this section.

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Batch QC

Type: Blank	Lab ID: QC1151858	Batch: 339914
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1151858 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Lead	ND		mg/Kg	1.0	05/09/24	05/10/24

Type: Lab Control Sample	Lab ID: QC1151859	Batch: 339914
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1151859 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Lead	103.5	100.0	mg/Kg	103%		80-120

Type: Matrix Spike	Lab ID: QC1151860	Batch: 339914
Matrix (Source ID): Soil (507968-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1151860 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Lead	112.8	21.63	99.01	mg/Kg	92%		75-125	0.99

Type: Matrix Spike Duplicate	Lab ID: QC1151861	Batch: 339914
Matrix (Source ID): Soil (507968-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1151861 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Lead	107.4	21.63	95.24	mg/Kg	90%		75-125	2	20	0.95

Type: Post Digest Spike	Lab ID: QC1151862	Batch: 339914
Matrix (Source ID): Soil (507968-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1151862 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Lead	153.6	21.63	100.0	mg/Kg	132%	*	75-125	1

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Batch QC

Type:	**Blank**	**Lab ID:**	**QC1152362**	**Batch:**	**340050**
Matrix:	**Soil**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3546**

QC1152362 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
alpha-BHC	ND		ug/Kg	5.1	05/12/24	05/14/24
beta-BHC	ND		ug/Kg	5.1	05/12/24	05/14/24
gamma-BHC	ND		ug/Kg	5.1	05/12/24	05/14/24
delta-BHC	ND		ug/Kg	5.1	05/12/24	05/14/24
Heptachlor	ND		ug/Kg	5.1	05/12/24	05/14/24
Aldrin	ND		ug/Kg	5.1	05/12/24	05/14/24
Heptachlor epoxide	ND		ug/Kg	5.1	05/12/24	05/14/24
Endosulfan I	ND		ug/Kg	5.1	05/12/24	05/14/24
Dieldrin	ND		ug/Kg	5.1	05/12/24	05/14/24
4,4'-DDE	ND		ug/Kg	5.1	05/12/24	05/14/24
Endrin	ND		ug/Kg	5.1	05/12/24	05/14/24
Endosulfan II	ND		ug/Kg	5.1	05/12/24	05/14/24
Endosulfan sulfate	ND		ug/Kg	5.1	05/12/24	05/14/24
4,4'-DDD	ND		ug/Kg	5.1	05/12/24	05/14/24
Endrin aldehyde	ND		ug/Kg	5.1	05/12/24	05/14/24
Endrin ketone	ND		ug/Kg	5.1	05/12/24	05/14/24
4,4'-DDT	ND		ug/Kg	5.1	05/12/24	05/14/24
Methoxychlor	ND		ug/Kg	10	05/12/24	05/14/24
Toxaphene	ND		ug/Kg	100	05/12/24	05/14/24
Chlordane (Technical)	ND		ug/Kg	51	05/12/24	05/14/24
Surrogates				**Limits**		
TCMX	78%		%REC	23-120	05/12/24	05/14/24
Decachlorobiphenyl	98%		%REC	24-120	05/12/24	05/14/24

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Batch QC

Type: Lab Control Sample	**Lab ID: QC1152363**	**Batch: 340050**
Matrix: Soil	**Method: EPA 8081A**	**Prep Method: EPA 3546**

QC1152363 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	45.96	51.02	ug/Kg	90%	#	22-129
beta-BHC	46.96	51.02	ug/Kg	92%		28-125
gamma-BHC	46.94	51.02	ug/Kg	92%	#	22-128
delta-BHC	45.65	51.02	ug/Kg	89%	#	24-131
Heptachlor	46.91	51.02	ug/Kg	92%		18-124
Aldrin	46.23	51.02	ug/Kg	91%		23-120
Heptachlor epoxide	47.80	51.02	ug/Kg	94%		26-120
Endosulfan I	43.65	51.02	ug/Kg	86%		25-126
Dieldrin	48.38	51.02	ug/Kg	95%		23-124
4,4'-DDE	50.99	51.02	ug/Kg	100%		28-121
Endrin	46.54	51.02	ug/Kg	91%		25-127
Endosulfan II	45.40	51.02	ug/Kg	89%		29-121
Endosulfan sulfate	47.70	51.02	ug/Kg	93%		30-121
4,4'-DDD	44.65	51.02	ug/Kg	88%		26-120
Endrin aldehyde	13.09	51.02	ug/Kg	26%		10-120
Endrin ketone	47.45	51.02	ug/Kg	93%		28-125
4,4'-DDT	46.12	51.02	ug/Kg	90%		22-125
Methoxychlor	47.46	51.02	ug/Kg	93%		28-130
Surrogates						
TCMX	39.83	51.02	ug/Kg	78%		23-120
Decachlorobiphenyl	48.61	51.02	ug/Kg	95%		24-120

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Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1152364**	**Batch:**	**340050**
Matrix (Source ID):	**Soil (507973-005)**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3546**

QC1152364 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	39.59	ND	51.02	ug/Kg	78%	#	46-120	1
beta-BHC	42.43	ND	51.02	ug/Kg	83%		41-120	1
gamma-BHC	41.28	ND	51.02	ug/Kg	81%	#	41-120	1
delta-BHC	40.21	ND	51.02	ug/Kg	79%	#	38-123	1
Heptachlor	41.89	ND	51.02	ug/Kg	82%		39-120	1
Aldrin	41.01	ND	51.02	ug/Kg	80%		34-120	1
Heptachlor epoxide	42.24	ND	51.02	ug/Kg	83%		43-120	1
Endosulfan I	44.45	ND	51.02	ug/Kg	87%		45-120	1
Dieldrin	43.67	ND	51.02	ug/Kg	86%		45-120	1
4,4'-DDE	45.65	ND	51.02	ug/Kg	89%		34-120	1
Endrin	41.95	ND	51.02	ug/Kg	82%		40-120	1
Endosulfan II	42.73	ND	51.02	ug/Kg	84%		41-120	1
Endosulfan sulfate	40.91	ND	51.02	ug/Kg	80%		42-120	1
4,4'-DDD	39.77	ND	51.02	ug/Kg	78%		41-120	1
Endrin aldehyde	38.13	ND	51.02	ug/Kg	75%		30-120	1
Endrin ketone	44.34	ND	51.02	ug/Kg	87%		45-120	1
4,4'-DDT	41.88	ND	51.02	ug/Kg	82%		35-127	1
Methoxychlor	41.79	ND	51.02	ug/Kg	82%		42-136	1
Surrogates								
TCMX	35.09		51.02	ug/Kg	69%		23-120	1
Decachlorobiphenyl	43.18		51.02	ug/Kg	85%		24-120	1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1152365**	**Batch:**	**340050**
Matrix (Source ID):	**Soil (507973-005)**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3546**

QC1152365 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
alpha-BHC	39.34	ND	50.00	ug/Kg	79%	#	46-120	1	30	1
beta-BHC	41.87	ND	50.00	ug/Kg	84%		41-120	1	30	1
gamma-BHC	41.07	ND	50.00	ug/Kg	82%	#	41-120	2	30	1
delta-BHC	40.26	ND	50.00	ug/Kg	81%	#	38-123	2	30	1
Heptachlor	41.91	ND	50.00	ug/Kg	84%		39-120	2	30	1
Aldrin	41.10	ND	50.00	ug/Kg	82%		34-120	2	30	1
Heptachlor epoxide	41.92	ND	50.00	ug/Kg	84%		43-120	1	30	1
Endosulfan I	44.34	ND	50.00	ug/Kg	89%		45-120	2	30	1
Dieldrin	43.63	ND	50.00	ug/Kg	87%		45-120	2	30	1
4,4'-DDE	45.74	ND	50.00	ug/Kg	91%		34-120	2	30	1
Endrin	41.32	ND	50.00	ug/Kg	83%		40-120	1	30	1
Endosulfan II	42.78	ND	50.00	ug/Kg	86%		41-120	2	30	1
Endosulfan sulfate	40.42	ND	50.00	ug/Kg	81%		42-120	1	30	1
4,4'-DDD	40.28	ND	50.00	ug/Kg	81%		41-120	3	30	1
Endrin aldehyde	36.72	ND	50.00	ug/Kg	73%		30-120	2	30	1
Endrin ketone	45.83	ND	50.00	ug/Kg	92%		45-120	5	30	1
4,4'-DDT	40.48	ND	50.00	ug/Kg	81%		35-127	1	30	1
Methoxychlor	41.67	ND	50.00	ug/Kg	83%		42-136	2	30	1
Surrogates										
TCMX	35.45		50.00	ug/Kg	71%		23-120			1
Decachlorobiphenyl	45.63		50.00	ug/Kg	91%		24-120			1

#	CCV drift outside limits; average CCV drift within limits per method requirements
*	Value is outside QC limits
ND	Not Detected

Appendix D

ProUCL Worksheets

UCL Statistics for Data Sets with Non-Detects

User Selected Options	
Date/Time of Computation	ProUCL 5.2 8/12/2024 9:10:54 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Arsenic

General Statistics

Total Number of Observations	48	Number of Distinct Observations	40
		Number of Missing Observations	0
Minimum	1.2	Mean	5.835
Maximum	23	Median	4.7
SD	4.789	Std. Error of Mean	0.691
Coefficient of Variation	0.821	Skewness	2.233

Normal GOF Test

Shapiro Wilk Test Statistic	0.75	**Shapiro Wilk GOF Test**
1% Shapiro Wilk Critical Value	0.929	Data Not Normal at 1% Significance Level
Lilliefors Test Statistic	0.216	**Lilliefors GOF Test**
1% Lilliefors Critical Value	0.148	Data Not Normal at 1% Significance Level

Data Not Normal at 1% Significance Level

Assuming Normal Distribution

95% Normal UCL		95% UCLs (Adjusted for Skewness)	
95% Student's-t UCL	6.995	95% Adjusted-CLT UCL (Chen-1995)	7.21
		95% Modified-t UCL (Johnson-1978)	7.032

Gamma GOF Test

A-D Test Statistic	0.759	**Anderson-Darling Gamma GOF Test**
5% A-D Critical Value	0.761	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.121	**Kolmogorov-Smirnov Gamma GOF Test**
5% K-S Critical Value	0.129	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level

Gamma Statistics

k hat (MLE)	2.152	k star (bias corrected MLE)	2.031
Theta hat (MLE)	2.712	Theta star (bias corrected MLE)	2.873
nu hat (MLE)	206.5	nu star (bias corrected)	195
MLE Mean (bias corrected)	5.835	MLE Sd (bias corrected)	4.095
		Approximate Chi Square Value (0.05)	163.7
Adjusted Level of Significance	0.045	Adjusted Chi Square Value	162.8

Assuming Gamma Distribution

95% Approximate Gamma UCL	6.952	95% Adjusted Gamma UCL	6.989

	A	B	C	D	E	F	G	H	I	J	K	L
51	**Lognormal GOF Test**											
52					Shapiro Wilk Test Statistic	0.968	**Shapiro Wilk Lognormal GOF Test**					
53					10% Shapiro Wilk Critical Value	0.954	Data appear Lognormal at 10% Significance Level					
54					Lilliefors Test Statistic	0.0819	**Lilliefors Lognormal GOF Test**					
55					10% Lilliefors Critical Value	0.117	Data appear Lognormal at 10% Significance Level					
56	**Data appear Lognormal at 10% Significance Level**											
57												
58	**Lognormal Statistics**											
59					Minimum of Logged Data	0.182	Mean of logged Data	1.514				
60					Maximum of Logged Data	3.135	SD of logged Data	0.703				
61												
62	**Assuming Lognormal Distribution**											
63					95% H-UCL	7.169	90% Chebyshev (MVUE) UCL	7.706				
64					95% Chebyshev (MVUE) UCL	8.578	97.5% Chebyshev (MVUE) UCL	9.788				
65					99% Chebyshev (MVUE) UCL	12.16						
66												
67	**Nonparametric Distribution Free UCL Statistics**											
68	**Data appear to follow a Discernible Distribution**											
69												
70	**Nonparametric Distribution Free UCLs**											
71					95% CLT UCL	6.972	95% BCA Bootstrap UCL	7.292				
72					95% Standard Bootstrap UCL	6.953	95% Bootstrap-t UCL	7.397				
73					95% Hall's Bootstrap UCL	7.282	95% Percentile Bootstrap UCL	7.027				
74					90% Chebyshev(Mean, Sd) UCL	7.909	95% Chebyshev(Mean, Sd) UCL	8.848				
75					97.5% Chebyshev(Mean, Sd) UCL	10.15	99% Chebyshev(Mean, Sd) UCL	12.71				
76												
77	**Suggested UCL to Use**											
78					95% Adjusted Gamma UCL	6.989						
79												
80	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
81	Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.											
82	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
83												
84												
85												

86												
87	**Lead**											
88												
89	**General Statistics**											
90					Total Number of Observations	45			Number of Distinct Observations	33		
91									Number of Missing Observations	3		
92					Minimum	1.2			Mean	10.33		
93					Maximum	63			Median	8.5		
94					SD	10.45			Std. Error of Mean	1.558		
95					Coefficient of Variation	1.012			Skewness	3.44		
96												
97	**Normal GOF Test**											
98					Shapiro Wilk Test Statistic	0.66			**Shapiro Wilk GOF Test**			
99					1% Shapiro Wilk Critical Value	0.926			Data Not Normal at 1% Significance Level			
100					Lilliefors Test Statistic	0.252			**Lilliefors GOF Test**			
101					1% Lilliefors Critical Value	0.153			Data Not Normal at 1% Significance Level			
102	**Data Not Normal at 1% Significance Level**											
103												
104	**Assuming Normal Distribution**											
105					**95% Normal UCL**				**95% UCLs (Adjusted for Skewness)**			
106					95% Student's-t UCL	12.95			95% Adjusted-CLT UCL (Chen-1995)	13.75		
107									95% Modified-t UCL (Johnson-1978)	13.08		
108												
109	**Gamma GOF Test**											
110					A-D Test Statistic	1.092			**Anderson-Darling Gamma GOF Test**			
111					5% A-D Critical Value	0.767			Data Not Gamma Distributed at 5% Significance Level			
112					K-S Test Statistic	0.142			**Kolmogorov-Smirnov Gamma GOF Test**			
113					5% K-S Critical Value	0.134			Data Not Gamma Distributed at 5% Significance Level			
114	**Data Not Gamma Distributed at 5% Significance Level**											
115												
116	**Gamma Statistics**											
117					k hat (MLE)	1.573			k star (bias corrected MLE)	1.483		
118					Theta hat (MLE)	6.566			Theta star (bias corrected MLE)	6.965		
119					nu hat (MLE)	141.6			nu star (bias corrected)	133.5		
120					MLE Mean (bias corrected)	10.33			MLE Sd (bias corrected)	8.482		
121									Approximate Chi Square Value (0.05)	107.8		
122					Adjusted Level of Significance	0.0447			Adjusted Chi Square Value	107		
123												
124	**Assuming Gamma Distribution**											
125					95% Approximate Gamma UCL	12.79			95% Adjusted Gamma UCL	12.88		
126												
127	**Lognormal GOF Test**											
128					Shapiro Wilk Test Statistic	0.934			**Shapiro Wilk Lognormal GOF Test**			
129					10% Shapiro Wilk Critical Value	0.953			Data Not Lognormal at 10% Significance Level			
130					Lilliefors Test Statistic	0.171			**Lilliefors Lognormal GOF Test**			
131					10% Lilliefors Critical Value	0.12			Data Not Lognormal at 10% Significance Level			
132	**Data Not Lognormal at 10% Significance Level**											
133												

	A	B	C	D	E	F	G	H	I	J	K	L
134	**Lognormal Statistics**											
135					Minimum of Logged Data	0.182			Mean of logged Data			1.985
136					Maximum of Logged Data	4.143			SD of logged Data			0.872
137												
138	**Assuming Lognormal Distribution**											
139					95% H-UCL	14.28			90% Chebyshev (MVUE) UCL			15.19
140					95% Chebyshev (MVUE) UCL	17.3			97.5% Chebyshev (MVUE) UCL			20.23
141					99% Chebyshev (MVUE) UCL	25.98						
142												
143	**Nonparametric Distribution Free UCL Statistics**											
144	**Data do not follow a Discernible Distribution**											
145												
146	**Nonparametric Distribution Free UCLs**											
147					95% CLT UCL	12.89			95% BCA Bootstrap UCL			14.01
148					95% Standard Bootstrap UCL	12.79			95% Bootstrap-t UCL			14.67
149					95% Hall's Bootstrap UCL	25.49			95% Percentile Bootstrap UCL			12.89
150					90% Chebyshev(Mean, Sd) UCL	15.01			95% Chebyshev(Mean, Sd) UCL			17.12
151					97.5% Chebyshev(Mean, Sd) UCL	20.06			99% Chebyshev(Mean, Sd) UCL			25.83
152												
153	**Suggested UCL to Use**											
154					95% Student's-t UCL	12.95						
155												
156	**The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.**											
157	**Please verify the data were collected from random locations.**											
158	**If the data were collected using judgmental or other non-random methods,**											
159	**then contact a statistician to correctly calculate UCLs.**											
160												
161	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
162	Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.											
163	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
164												

UCL Statistics for Uncensored Full Data Sets		
User Selected Options		
Date/Time of Computation	ProUCL 5.2 9/5/2024 10:43:39 AM	
From File	WorkSheet.xls	
Full Precision	OFF	
Confidence Coefficient	95%	
Number of Bootstrap Operations	2000	

Cobalt

General Statistics

Total Number of Observations	27	Number of Distinct Observations	21
		Number of Missing Observations	0
Minimum	4.6	Mean	12.84
Maximum	62	Median	9.1
SD	11.88	Std. Error of Mean	2.286
Coefficient of Variation	0.925	Skewness	3.095

Normal GOF Test

Shapiro Wilk Test Statistic	0.641	**Shapiro Wilk GOF Test**	
1% Shapiro Wilk Critical Value	0.894	Data Not Normal at 1% Significance Level	
Lilliefors Test Statistic	0.244	**Lilliefors GOF Test**	
1% Lilliefors Critical Value	0.194	Data Not Normal at 1% Significance Level	

Data Not Normal at 1% Significance Level

Assuming Normal Distribution

95% Normal UCL		**95% UCLs (Adjusted for Skewness)**	
95% Student's-t UCL	16.74	95% Adjusted-CLT UCL (Chen-1995)	18.06
		95% Modified-t UCL (Johnson-1978)	16.97

Gamma GOF Test

A-D Test Statistic	1.286	**Anderson-Darling Gamma GOF Test**	
5% A-D Critical Value	0.755	Data Not Gamma Distributed at 5% Significance Level	
K-S Test Statistic	0.179	**Kolmogorov-Smirnov Gamma GOF Test**	
5% K-S Critical Value	0.17	Data Not Gamma Distributed at 5% Significance Level	

Data Not Gamma Distributed at 5% Significance Level

Gamma Statistics

k hat (MLE)	2.271	k star (bias corrected MLE)	2.044
Theta hat (MLE)	5.655	Theta star (bias corrected MLE)	6.285
nu hat (MLE)	122.7	nu star (bias corrected)	110.4
MLE Mean (bias corrected)	12.84	MLE Sd (bias corrected)	8.985
		Approximate Chi Square Value (0.05)	87.12
Adjusted Level of Significance	0.0401	Adjusted Chi Square Value	85.8

Assuming Gamma Distribution

95% Approximate Gamma UCL	16.27	95% Adjusted Gamma UCL	16.52

Lognormal GOF Test

Shapiro Wilk Test Statistic	0.913	**Shapiro Wilk Lognormal GOF Test**	
10% Shapiro Wilk Critical Value	0.935	Data Not Lognormal at 10% Significance Level	
Lilliefors Test Statistic	0.143	**Lilliefors Lognormal GOF Test**	
10% Lilliefors Critical Value	0.153	Data appear Lognormal at 10% Significance Level	

Data appear Approximate Lognormal at 10% Significance Level

Lognormal Statistics

Minimum of Logged Data	1.526	Mean of logged Data	2.317
Maximum of Logged Data	4.127	SD of logged Data	0.631

Assuming Lognormal Distribution

95% H-UCL	16.04	90% Chebyshev (MVUE) UCL	17.03
95% Chebyshev (MVUE) UCL	19.19	97.5% Chebyshev (MVUE) UCL	22.18
99% Chebyshev (MVUE) UCL	28.06		

	A	B	C	D	E	F	G	H	I	J	K	L
66												
67	**Nonparametric Distribution Free UCL Statistics**											
68	**Data appear to follow a Discernible Distribution**											
69												
70	**Nonparametric Distribution Free UCLs**											
71					95% CLT UCL	16.6			95% BCA Bootstrap UCL			18.76
72					95% Standard Bootstrap UCL	16.51			95% Bootstrap-t UCL			20.17
73					95% Hall's Bootstrap UCL	33.12			95% Percentile Bootstrap UCL			16.88
74					90% Chebyshev(Mean, Sd) UCL	19.7			95% Chebyshev(Mean, Sd) UCL			22.81
75					97.5% Chebyshev(Mean, Sd) UCL	27.12			99% Chebyshev(Mean, Sd) UCL			35.59
76												
77	**Suggested UCL to Use**											
78					95% H-UCL	16.04						
79												
80	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
81	Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.											
82	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
83												

UCL Statistics for Data Sets with Non-Detects		
User Selected Options		
Date/Time of Computation	ProUCL 5.2 9/5/2024 11:01:23 AM	
From File	WorkSheet_a.xls	
Full Precision	OFF	
Confidence Coefficient	95%	
Number of Bootstrap Operations	2000	

Molybdenum

General Statistics

Total Number of Observations	28	Number of Distinct Observations	10
Number of Detects	3	Number of Non-Detects	25
Number of Distinct Detects	3	Number of Distinct Non-Detects	7
Minimum Detect	1.8	Minimum Non-Detect	0.95
Maximum Detect	2.9	Maximum Non-Detect	1.1
Variance Detects	0.343	Percent Non-Detects	89.29%
Mean Detects	2.233	SD Detects	0.586
Median Detects	2	CV Detects	0.262
Skewness Detects	1.508	Kurtosis Detects	N/A
Mean of Logged Detects	0.782	SD of Logged Detects	0.251

Warning: Data set has only 3 Detected Values.

This is not enough to compute meaningful or reliable statistics and estimates.

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.881	**Shapiro Wilk GOF Test**
1% Shapiro Wilk Critical Value	0.753	Detected Data appear Normal at 1% Significance Level
Lilliefors Test Statistic	0.321	**Lilliefors GOF Test**
1% Lilliefors Critical Value	0.429	Detected Data appear Normal at 1% Significance Level

Detected Data appear Normal at 1% Significance Level

Note GOF tests may be unreliable for small sample sizes

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

KM Mean	1.088	KM Standard Error of Mean	0.0988
90KM SD	0.427	95% KM (BCA) UCL	N/A
95% KM (t) UCL	1.256	95% KM (Percentile Bootstrap) UCL	N/A
95% KM (z) UCL	1.25	95% KM Bootstrap t UCL	N/A
90% KM Chebyshev UCL	1.384	95% KM Chebyshev UCL	1.518
97.5% KM Chebyshev UCL	1.704	99% KM Chebyshev UCL	2.07

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	0.393	**Anderson-Darling GOF Test**
5% A-D Critical Value	0.635	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.341	**Kolmogorov-Smirnov GOF**
5% K-S Critical Value	0.431	Detected data appear Gamma Distributed at 5% Significance Level

Detected Data Not Gamma Distributed at 5% Significance Level

Gamma Statistics on Detected Data Only

k hat (MLE)	23.3	k star (bias corrected MLE)	N/A
Theta hat (MLE)	0.0959	Theta star (bias corrected MLE)	N/A
nu hat (MLE)	139.8	nu star (bias corrected)	N/A
Mean (detects)	2.233		

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	0.261
Maximum	2.9	Median	0.01
SD	0.715	CV	2.739

66					k hat (MLE)	0.291				k star (bias corrected MLE)		0.283
67					Theta hat (MLE)	0.899				Theta star (bias corrected MLE)		0.922
68					nu hat (MLE)	16.27				nu star (bias corrected)		15.86
69					Adjusted Level of Significance (β)	0.0404						
70					Approximate Chi Square Value (15.86, α)	7.865				Adjusted Chi Square Value (15.86, β)		7.517
71					95% Gamma Approximate UCL	0.527				95% Gamma Adjusted UCL		N/A
72												
73					**Estimates of Gamma Parameters using KM Estimates**							
74					Mean (KM)	1.088				SD (KM)		0.427
75					Variance (KM)	0.182				SE of Mean (KM)		0.0988
76					k hat (KM)	6.495				k star (KM)		5.823
77					nu hat (KM)	363.7				nu star (KM)		326.1
78					theta hat (KM)	0.167				theta star (KM)		0.187
79					80% gamma percentile (KM)	1.438				90% gamma percentile (KM)		1.69
80					95% gamma percentile (KM)	1.919				99% gamma percentile (KM)		2.399
81												
82					**Gamma Kaplan-Meier (KM) Statistics**							
83					Approximate Chi Square Value (326.10, α)	285.3				Adjusted Chi Square Value (326.10, β)		282.9
84					95% KM Approximate Gamma UCL	1.243				95% KM Adjusted Gamma UCL		1.254
85												
86					**Lognormal GOF Test on Detected Observations Only**							
87					Shapiro Wilk Test Statistic	0.906				**Shapiro Wilk GOF Test**		
88					10% Shapiro Wilk Critical Value	0.789				Detected Data appear Lognormal at 10% Significance Level		
89					Lilliefors Test Statistic	0.305				**Lilliefors GOF Test**		
90					10% Lilliefors Critical Value	0.389				Detected Data appear Lognormal at 10% Significance Level		
91					**Detected Data appear Lognormal at 10% Significance Level**							
92					**Note GOF tests may be unreliable for small sample sizes**							
93												
94					**Lognormal ROS Statistics Using Imputed Non-Detects**							
95					Mean in Original Scale	0.652				Mean in Log Scale		-0.709
96					SD in Original Scale	0.617				SD in Log Scale		0.712
97					95% t UCL (assumes normality of ROS data)	0.851				95% Percentile Bootstrap UCL		0.855
98					95% BCA Bootstrap UCL	0.913				95% Bootstrap t UCL		0.969
99					95% H-UCL (Log ROS)	0.849						
100												
101					**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**							
102					KM Mean (logged)	0.038				KM Geo Mean		1.039
103					KM SD (logged)	0.266				95% Critical H Value (KM-Log)		1.783
104					KM Standard Error of Mean (logged)	0.0616				95% H-UCL (KM -Log)		1.179
105					KM SD (logged)	0.266				95% Critical H Value (KM-Log)		1.783
106					KM Standard Error of Mean (logged)	0.0616						
107												
108					**DL/2 Statistics**							
109					**DL/2 Normal**					**DL/2 Log-Transformed**		
110					Mean in Original Scale	0.682				Mean in Log Scale		-0.543
111					SD in Original Scale	0.57				SD in Log Scale		0.474
112					95% t UCL (Assumes normality)	0.866				95% H-Stat UCL		0.775
113					**DL/2 is not a recommended method, provided for comparisons and historical reasons**							
114												
115					**Nonparametric Distribution Free UCL Statistics**							
116					**Detected Data appear Normal Distributed at 1% Significance Level**							
117												
118					**Suggested UCL to Use**							
119					95% KM (t) UCL	1.256						
120												
121					Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.							
122					Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.							
123					However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.							
124												