

Phase II Environmental Site Assessment Report Number 2 – Geophysical Survey and Trenching Assessment

Midway Rising Project
3500 Sports Arena Boulevard, Parcel A
San Diego, California 92110

Prepared for:

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September 22, 2023
Project Number: 01213320.07

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Subject: Phase II Environmental Site Assessment Report Number 2 (Assessment)
Geophysical Survey and Trenching Assessment

Site: Midway Rising
3500 Sports Arena Boulevard, Parcel A
San Diego, California

Dear Mr. Gemigniani:


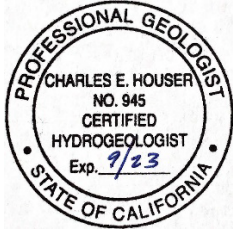
SCS Engineers (SCS) is pleased to present this *Phase II Environmental Site Assessment Report Number 2* (Report) regarding the geophysical survey and trenching assessment for the above-referenced Site to Midway Rising, LLC (Client). The Report summarizes the geophysical survey and trenching assessment activities (Assessment) conducted by SCS in connection with the proposed development of the Midway Rising 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.

Sincerely,



Chuck Houser, PG 5781, CHg 945
Project Manager
SCS ENGINEERS



Luke Montague, MESM, PG
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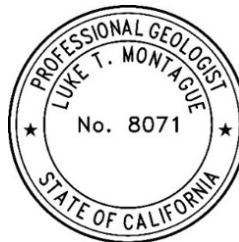


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1 BACKGROUND

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). The proposed redevelopment includes a new 16,000-seat arena, a 200-room hotel, 12 mixed-use and multifamily housing buildings with up to 4,250 apartments, and a multi-acre central urban park.

The site of the current Sports Arena property was initially developed in the early 1940s as temporary housing for military personnel, veterans, and defense workers. Called Frontier Housing in an area that extended beyond the Site boundaries, this housing included four- to eight-unit “barracks”-type structures. Approximately 150 structures (between 600 and 1200 units) appear to have been present at the Site. The development also included a large “L”-shaped structure that was the former “Frontier School.” A portion of the former school may have overlapped with the current Sports Arena structure.

In addition, historical photos depict earthwork and what was likely fill operations to level and perhaps raise the grade of the area, which would have been part of the historical San Diego River floodplain or tidal flats.

Current development includes the Pechanga Arena, a gasoline service station, restaurants, and various commercial/retail businesses.

Based on a Phase I Environmental Site Assessment that SCS prepared for the Client, historical environmental land uses/features of concern at various properties within the Site boundaries have included:

- Clarifier system and ice pits
- Current and historical gasoline service stations and fueling areas, including the presence of underground storage tanks (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
- Historical agricultural use
- Historical printing and furniture stripping shops
- Barracks-style housing with possible fuel oil heating systems
- Presence of fill soils, including historical burn ash and waste pits
- Other petroleum hydrocarbon and hazardous materials storage and uses including Kobey’s waste storage area

During early 2023, assessment activities consisting of drilling to collect soil, groundwater, and soil vapor samples were conducted at the Site. In addition, an initial geophysical survey was conducted on an approximately 500 foot by 300 foot area in the northern portion of the Arena parcel (Parcel A). Results of the drilling and sampling activities indicated the presence of chemicals of concern, including petroleum hydrocarbons, volatile organic compounds, organochlorine pesticides, and lead, in various portions of the Site. In addition, burned waste dump material (burn ash) was encountered in a soil boring drilled near the southwestern corner of the Site (boring A-23-012). Results of the

initial geophysical survey indicated subsurface features that appeared to be in locations consistent with structures associated with Frontier Housing.

This Assessment included historical research, geophysical surveys, and trenching and soil sampling activities to further evaluate potential subsurface features of concern and the possible presence of chemicals of concern (CoCs) in the subsurface at the Site from current and past on-Site activities.

2 OBJECTIVES

The objectives of the proposed scope of services are to:

- Conduct detailed historic research, primarily through review of historic photography, into historic Frontier Housing and other possible historic Site uses of environmental concern.
- Conduct additional geophysical survey activities to evaluate subsurface features of possible concern that may be associated with historic Frontier Housing or other historic Site uses of possible concern.
- Through the excavation of exploratory trenches and soil sampling and analysis, further evaluate the presence of possible features of concern, including but not necessarily limited to historic excavations, buried utilities, potential underground storage tanks, and potential refuse and/or burned waste.
- Attempt to delineate features of concern for the purpose of preparing estimates for removal and mitigation of such features in connection with the proposed redevelopment of the Site into the Midway Rising Project, if necessary.

3 SCOPE OF SERVICES

HISTORIC SITE RESEARCH

SCS conducted a review of available historic photography and other available pertinent information at the San Diego History Center (SDHC). The SDHC maintains a well-organized archive of historic photographs (both ground photos and aerial photos) and other information for San Diego. SCS understands that Frontier Housing was present at the Site from at least the 1940s until the Sports Arena was built in the 1960s. Our research focused on historic photographs that may show historic land uses depicting activities of potential environmental concern, such as waste collection or burning areas, underground or above ground tanks, boiler rooms, and historic events such as fires or floods. Information obtained from the SDHC was reviewed and evaluated relative to other known information regarding historic Site uses. Such information included vertical and oblique aerial photos and ground photos, and was evaluated to inform the additional geophysical survey activities and trenching described below.

GEOPHYSICAL SURVEY ACTIVITIES

As discussed above, in 1945, the area of the Site 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 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. The portions of the Site evaluated is depicted on Figure 2.

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

Pre-Fieldwork Activities

Preparation of Health and Safety Plan

A health and safety plan for work conducted at the Site and workers within the “exclusion zone” is 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, the health and safety plan was updated, as needed, for the proposed work scope, which outlined the potential chemical and physical hazards that may be encountered during trenching 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 (USA), as required by state law. Due to the size and lengths of boundaries of the areas to be trenched, multiple USA tickets were required for this work. USA issued ticket numbers A231720387, A230730614, A231740901, A231771200, and A231771221. In addition, a private utility locator was retained to survey and clear trenching locations. These activities were to minimize the likelihood of excavating into a subsurface utility.

Exploratory Trenching

Between June 23 and June 30, 2023, exploratory trenches were excavated to visually evaluate subsurface conditions and observe for potential features of environmental concern, such as fuel piping, burn pits, or underground storage tanks (USTs). A total of 32 trenches were excavated. The approximate trench locations are depicted on Figure 2. Exploratory trenches were excavated with a backhoe. Individual exploratory trenches were generally approximately 3 feet wide (the width of a backhoe or excavator bucket), and 8 to 9 feet long. Several trenches involved in this assessment were longer in order to better observe and delineate subsurface features of concern. The depths were determined by the depth of features of concern and the depth of undisturbed native soil, and ranged

from approximately 5 to 9 feet deep. Groundwater was not encountered in any of the trenches. A summary of the trenches, targeted potential features of concern, trench depths, and findings is included in the Findings section below.

At each trench location, the pavement (asphalt or concrete) was cut by a cutting tool (not 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 excavation was sawcut to clean up edges and paved with hot mix asphalt. SCS and Arena personnel established a staging area in the northwestern corner of the Site where equipment was stored and cold-patch asphalt 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. In general, in trenches where only fill soil overlying native soil was encountered with no other notable features such as pipes, USTs, or burn ash, soil samples were collected from within the fill and from within the native soil. In trenches in the southwestern portion of the site that encountered burn ash from historic trash burning pits, samples of the burn ash were also collected, and in several trenches in this area, soil samples were collected every one to two feet for the purpose of vertical profiling.

Samples were placed into laboratory-supplied glass jars, labeled, and placed in an ice-filled cooler pending delivery to the laboratory for analysis. Soil samples were analyzed for one or more of the following:

- Total petroleum hydrocarbons (TPH) as gasoline (TPHg), diesel fuel (TPHd), and oil (TPHo) in general accordance with EPA Method 8015B.
- Volatile organic compounds (VOCs) in general accordance with EPA Method 8260B.
- Semi-volatile organic compounds (SVOCs) in general accordance with EPA Method 8270.
- Lead in general accordance with EPA Method 6010B.
- Title 22 metals in general accordance with EPA Method 6010B.

For purposes of determining potential hazardous waste characterizations for portions of the metals-bearing soils, several soil samples with relatively high concentrations of lead or other metals were also analyzed for leaching potential by one or both of two methods:

- Soluble Threshold Limit Concentration (STLC) waste extraction test (WET) used to determine whether a waste is a California-hazardous waste.
- Toxic Characteristic Leaching Procedure (TCLP) test used to determine whether a waste is a Resource Conservation and Recovery Act (RCRA) or Federal-hazardous waste.

Soil samples were submitted to a California-state accredited laboratory for analysis (Enthalpy Analytical of Orange, California). Chain-of-custody procedures will be 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.

4 GEOLOGY AND HYDROGEOLOGY

GEOLOGY

A geological map¹ for the Site vicinity indicates that the Site is underlain by artificial fill containing compacted engineered and non-compacted, non-engineered fill, in turn underlain by native soils consisting generally of bay mud, alluvium, and estuarine deposits.

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 trenching, geologic materials observed included artificial fill soils underlain by native soils including alluvium, bay muds, tidal flats, 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, <i>Water Quality Control Plan for the San Diego Basin</i> , September 8, 1994, with amendments effective prior to May 17, 2016

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

HISTORICAL SUMMARY

Frontier Housing occupied the entire Midway Rising Site and was present from 1944 until the mid-1960s when the Sports Arena was constructed. In 1928, the Site was generally vacant with possible agricultural land use, based on review of a 1928 aerial photograph. According to a September 10, 1992 article that appeared in the San Diego Reader², Frontier Housing was “a war-workers’ project, built mainly to house Convair employees and their families.” Figure 3 is a copy of a 1949 aerial photograph depicting the barracks-type structures of Frontier Housing and the “L” shaped structure that was Frontier School. The approximate trench locations are also depicted on this figure. Figure 4 is a copy of a 1966 aerial photograph. This photo appears to depict the sports arena structure under construction with some of the Frontier Housing units still present to the west of the arena.

Note that a burned waste deposit located in the southwestern corner of the Site and encountered during the drilling of soil borings by SCS in early 2023 (boring A-23-012) was initially suspected of being from trash burning in the Frontier Housing development, c. 1944 through 1966. However, as discussed below, information from artifacts observed in the waste deposits suggest an earlier age of these waste deposits, circa the late 1800s through the 1930s.

GEOPHYSICAL SUMMARY

Figure 5 depicts a combination of the 1949 aerial photograph and the geophysical survey map including subsurface features such as metallic pipelines, possible excavations, and possible underground storage tanks (USTs). Figure 6 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 and so is presented here as Figure 6.

Specific features called out in the geophysics report (Appendix A) are depicted on Figures 5 and 6 as A through H. Most of these features were interpreted not to represent subsurface features of concern. However, two features, E and H, were interpreted to have characteristics consistent with subsurface metallic anomalies such as USTs. The trench located at feature “E” (Trench T13) encountered a UST approximately 12 feet long and 4 feet in diameter (Figure 6). Visible staining of soil was observed near the bottom of this UST, and results of soil sample analysis (discussed below) was generally consistent with a diesel fuel-type product. The trench located at feature “H” (Trench T32) encountered several sections of metallic pipe at a depth of approximately 1.5 to 2 feet, but no UST or other feature of concern.

TRENCH SUMMARY

Following is a summary of the trenches along with targeted potential features of concern, trench depths, and brief statements of findings:

² [Loma Portal and Midway District during WWII - a walking tour | San Diego Reader](#)

Trench Number(s)	Depth (feet)	Targeting	Findings
T1-T2	5	Geophysical anomaly-subsurface conductors	Fill over native soil – no issues ¹
T3-T11, T23, T24	5 - 9	Burned waste encountered in boring A-23-012	Burn ash/waste in trenches T3, T4, T6, T8, T9, T11, T23, and T24. No burn ash waste in trenches T5, T7, or T10
T12	5	School yard area-Frontier School	Fill over native soil – no issues ¹
T13	7	Possible UST	UST encountered, stained soil and CoCs (TPH, VOCs) present
T14	5	Possible excavation, metallic pipeline associated with Frontier Housing	Fill over native soil, metal pipeline at 3.5 feet
T15-T16	5	Possible excavation	Fill over native soil – no issues ¹
T17-T18	5/4	Possible yard areas associated with Frontier Housing	Fill over native soil – no issues ¹
T19	3	Metallic pipeline associated with Frontier Housing	Fill, 1.5-inch cast iron pipe at 3 feet
T20	3	Metallic pipeline associated with Frontier Housing	Fill, metal pipe at 3 feet appears to be natural gas line
T21	4.5	Possible yard area associated with Frontier Housing	Fill over native soil – no issues ¹
T22	5	Geophysical anomaly	Fill over native soil – no issues ¹
T25, T30, T31	6.5	Possible yard areas associated with Frontier Housing	Fill over native soil – no issues ¹
T26	2	Metallic pipeline associated with Frontier Housing	Fill, metal pipe at 2 feet appears to be natural gas line
T27	5,5	Metallic pipeline associated with Frontier Housing	Fill, approximate 8-inch gas line at 5.5 feet
T28-T29	4.5/4	Possible excavations	Fill over native soil – no issues ¹
T32	5	Metallic anomaly-possible UST	Fill over native soil, approximate 5-inch metal pipe at 2 feet, partially corroded

Note:

1: "No issues" indicates no obvious features of environmental concern observed, and no obvious petroleum hydrocarbon staining or odors in the excavated soil.

In general, observations during the trench excavations are divided into four categories:

- UST present – T13

- Metallic pipes present – T14, T19, T20, T26, T27, and T32
- Burn dump and burn ash present – T3, T4, T6, T8, T9, T11, T23, and T24
- Fill soil over native soil, no issues observed – T1, T2, T5, T6, T10, T12, T15, T16, T17, T18, T19, T20, T21, T22, T25, T26, T28, T29, T30, and T31

As outlined in our previous Phase II report for the drilling and sampling activities, boring A-23-012, located in the southwestern corner of the Site, encountered burn ash. Initial evaluation of the location of this boring suggested that it was located in a yard area of Frontier Housing. This suggested that occupants of Frontier Housing may have burned their trash in these yard areas, and thus additional burned waste could potentially be encountered in other yard areas depicted on the aerial photograph. Trenches T17, T18, T21, T25, T30, and T31 targeted such yard areas in Frontier Housing, but no burn ash or waste was observed in these trenches.

Several artifacts (glass bottles) observed while excavating the trenches in the burn dump area at the southwestern corner of the Site included product names that allowed a search of these products and the timeframe when they were on the market. Information obtained about these products indicated that they were available generally from the late 1800s through the 1930s, which predates the Frontier Housing development. In addition, delineation of the burned waste indicated that it occupies an area much larger than the yard area noted in the aerial photograph. Therefore, it does not appear that multiple burn pits are present through the Frontier Housing development, as was initially thought, but rather open an open burn pit area that was present prior to the development of Frontier Housing, which was later covered with 2 to 3 feet of fill soils.

LABORATORY ANALYTICAL RESULTS

Soil Sample Analytical Results

The results of the soil samples collected and analyzed during the above-described trenching and sampling activities conducted between June 23 and June 30, 2023, are summarized below. Results are also summarized in Tables 1 and 2 and depicted on Figures 7 through 10.

Copies of the laboratory reports are included in Appendix C.

Total Petroleum Hydrocarbons (TPH)

A total of 29 soil samples were analyzed for extended-range TPH in accordance with EPA Method 8015B. TPH was reported in 7 of the 29 samples analyzed.

Trench T13 encountered an approximately 12 by 4 foot UST. Visible staining was observed at a depth of approximately 7 feet near the bottom of the UST. Four soil samples collected in this trench in proximity to the UST were reported to have the following TPH concentrations:

Sample	Depth (feet below grade)	Location	TPHg	TP Hd	TPHo
T-13-2.5	2.5	Above tank	<10	54	93
T-13-3-NE	3	Near top of northeast end of tank	<100	410	910
T-13-3-SW	3	Near top of southwest end of tank	<10	170	150
T-13-7	7	Near base of northeast end of tank – collected from visibly stained soil	2,700	21,000	<1,000

Note - Concentrations in milligrams per kilogram (mg/kg)

In other trenches, reported detectable TPH concentrations ranged as follows:

- TPHg: No reported detections
- TPHd: One detection at 17 mg/kg (sample T-6 4')
- TPHo: 270 mg/kg (sample T-2 ~1) and 390 mg/kg (sample T-28 0')

Volatile Organic Compounds (VOCs)

A total of 6 soil samples collected from the Site were analyzed for VOCs in accordance with EPA Method 8260B. Detectable concentrations of VOCs were reported in only one of the samples analyzed, T-13-7, as follows:

- Propylbenzene: 530 micrograms per kilogram (µg/kg)
- 1,3,5-Trimethylbenzene: 1,100 µg/kg
- 1,2,4-Trimethylbenzene: 4,300 µg/kg
- sec-Butylbenzene: 630 µg/kg
- para-Isopropyl toluene: 1,000 µg/kg
- n-Butylbenzene: 1,200 µg/kg
- Naphthalene: 18,000 µg/kg

Semi-Volatile Organic Compounds (SVOCs)

A total of 6 soil samples collected from the Site were analyzed for SVOCs in accordance with EPA Method 8270B. Detectable concentrations of SVOCs were not reported in any of the samples analyzed.

Lead

A total of 77 soil samples were analyzed for total lead in accordance with EPA Method 6010B. Detectable concentrations of lead were reported in 64 of the 77 samples analyzed.

The following table summarizes soil samples that were reported to have lead concentrations exceeding health risk-based criteria³ of 80 mg/kg. The table also summarizes the STLC WET and TCLP leaching potential testing performed on some of these samples.

Sample	Depth (feet)	Total Lead Concentration (mg/kg)	Leaching Potential Testing Performed?	STLC WET (mg/l)	TCLP (mg/l)
T-3 3'	3	4,200	Yes	6.9	0.41
T-4 4'	4	630	Yes	2	--
T-6 4'	4	3,300	Yes	16	1.6
T-8 4'	4	2,600	Yes	15	1.1
T-9 4'	4	6,300	Yes	7.1	0.84
T-9 5'	5	5,000	Yes	7	0.68
T-11-4	4	5,000	Yes	8.6	0.98
T-23-4	4	620	No	--	--
T-23-5	5	2,800	No	--	--
T-23-6.5	6.5	190	No	--	--

³ 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

T-24-3.5	3.5	4,500	No	--	--
T-24-4.5	4.5	270	No	--	--
Hazardous Waste Criteria		1,000		5.0	5.0

Notes: Red font indicates results above Health Risk-Based regulatory screening criteria.

Blue font indicates results above Waste-Based regulatory screening criteria.

mg/kg = milligrams per kilogram.

mg/L = milligrams per liter.

All of the soil samples with lead concentrations exceeding health risk-based criteria were collected from trenches in the southwestern portion of the Site where burned waste and burn ash was observed. In other trenches, reported detectable lead concentrations ranged from 1 mg/kg to 17 mg/kg, below the health risk-based criteria of 80 mg/kg. Eight samples reported concentrations exceeding hazardous waste criteria concentrations. These samples were generally located from 3 to 5 feet deep.

Other Metals

A total of 40 soil samples were analyzed for Title 22 metals in accordance with EPA Method 6010B. Reported concentrations of antimony, arsenic, cobalt, and/or mercury exceeded health risk-based criteria in 8 soil samples. The following table summarizes these sample results.

Sample	Depth (feet)	Antimony ¹	Arsenic ²	Cobalt ³	Mercury ⁴
T-3 3'	3	3.0	22	5.9	0.79
T-6 4'	4	16	5.0	4.7	1.1
T-8 4'	4	<2.9	6.7	4.9	1.2
T-9 4'	4	71	14	4.7	0.80
T-9 5'	5	15	21	6.5	0.67
T-11-4	4	8.0	81	23	0.43
T-23-4	4	<2.8	14	8.3	0.17
T-24-3.5	3.5	6.0	12	5.8	1.5

Notes:

- Concentrations in mg/kg

1 Health risk-based criteria: 31 mg/kg

2 Health risk-based criteria: 12 mg/kg

3 Health risk-based criteria: 23 mg/kg

4 Health risk-based criteria: 1.0 mg/kg

Red font indicates that constituent exceeds health risk-based criteria

Note that all of the soil samples exceeding health risk-based criteria for metals were collected from trenches in the southwestern portion of the Site where burned waste and burn ash was observed, and where concentrations of the metal lead were also elevated. In general based on our experience working with other projects involving burn ash, the metal lead is typically a primary indicator of the presence of burn ash in soil. The results of the remaining metals analyses were below the health risk-based criteria.

6 DISCUSSION

MITIGATION CRITERIA FOR CONSTITUENTS OF CONCERN-BEARING SOIL

Soil Mitigation Criteria are used in this Report for comparison of the reported soil sample results to applicable Health Risk-Based Mitigation Criteria, Waste-Based Mitigation Criteria, and Hazardous Waste-Based Mitigation Criteria defined in the table below for the reported and suspected CoCs, which include metals such as arsenic and lead, TPH, SVOCs, and VOCs. The applicable regulatory soil

screening levels for the identified CoCs used herein are summarized in the below table, and are further defined below the table.

Mitigation Criteria/ Mitigation 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, and TPH) and potential CoCs (VOCs, SVOCs, other Title 22 metals)	TPH (EPA 8015B)	Any detectable concentrations ¹
		VOCs (EPA 8260B)	
		SVOCs (EPA 8270)	
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 Mitigation 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
		TPHg (EPA 8015B)	>430 mg/kg ⁴
	VOCs	VOCs (EPA 8260B)	DTSC-SL ²
	SVOCs	SVOCs (EPA 8270)	DTSC-SL ²

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.

SVOCs: Semi-volatile organic compounds

UCL: Upper confidence limit.

1: Per San Diego Regional Water Quality Control Board (RWQCB) Tier 1 Soil Screening Levels (SSLs), May 2019.

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 2023, 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 Mitigation Criteria – Should there be export of soil at the Site and per our experience with the County of San Diego Department of Environmental Health and Quality (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”⁴ (Inert) soil that is exported from the Site, the RWQCB Tier 1 SSLs established in the Waiver⁵ 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.”
 - For chemical CoCs including 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 Mitigation 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 (TTL), 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 Mitigation Criteria - to screen soil for possible risks to residential users and workers at the Site:

- **For soil VOCs, SVOCs, lead, and Title 22 metals** 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 2023 were used.
- **For TPH**, based on prior conversations with the DEHQ, SCS uses the SFRWQCB Tier 1 ESLs (2019, Revision 2), which provide conservative screening levels for soil impacted with

⁴ 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. R9-2019-0005, Conditional Waivers of Waste Discharge Requirements for Low Threat Discharges in the San Diego Region*, May 2019 (Waiver). The soil is comprised of native/formational material as well as fill soil that is interpreted to have been placed during previous development activities at the Site.

⁵ 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.

petroleum hydrocarbons. The ESLs are intended to help expedite the identification and evaluation of potential environmental concerns.

COMPARISON OF TPH AND VOC CONCENTRATIONS IN SOIL TO MITIGATION CRITERIA

TPH Soil

Soil analytical results for TPH were compared to Waste-Based Mitigation-Criteria (i.e., Tier 1 SSLs) and Risk-Based Mitigation 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?	Mitigation Criteria (mg/kg)	Above Mitigation Criteria?
TPHg	2,700	ND	Yes	430	Yes
TPHd	21,000	ND	Yes	260	Yes
TPHo	2,700*	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, May 2019. For inert waste soils that can be reused without restriction.

2: Risk-Based Mitigation 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 Mitigation Criteria or Health Risk-Based Mitigation Criteria.

*: Concentration obtained from drilling assessment conducted in early 2023.

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

The concentrations exceeding mitigation criteria for TPHg and TPHd were from soil sample T-13-7, collected adjacent to the UST uncovered in the western portion of the Site. Remaining soil samples with detectable TPH from the trenching and earlier drilling were reported to be below the Health Risk-Based Mitigation Criteria. Therefore, based on the soil samples collected and analyzed for TPH, with the exception of soil associated with the UST represented by sample T-13-7, 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. It is recommended that the soil associated with the UST represented by sample T-13-7 be excavated and exported from the Site prior to or during the proposed Project grading activities.

Comparison of Reported TPH Concentrations to Waste-Based Screening Values

Soil samples reported with detectable concentrations of chemical constituents such as TPH that exceed the Tier 1 SSLs are to be disposed of as a regulated waste if exported from the Site, 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).

VOCs Soil

Soil analytical results for VOCs were compared to Waste-Based Mitigation-Criteria (i.e., Tier 1 SSLs) and Risk-Based Mitigation 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)					
Ethylbenzene	310	ND	Yes	5,800	No
m,p-Xylenes	1,400	ND	Yes	550,000	No
o-Xylene	410	ND	Yes	640,000	No
Propylbenzene	530	ND	Yes	3,800,000	No
1,3,5-Trimethylbenzene	1,100	ND	Yes	270,000	No
1,2,4-Trimethylbenzene	4,300	ND	Yes	300,000	No
sec-Butylbenzene	630	ND	Yes	2,200,000	No
para-Isopropyltoluene	1,000	ND	Yes	NE	No
n-Butylbenzene	1,200	ND	Yes	2,400,000	No
Naphthalene	18,000	ND	Yes	2,000	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 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.

NE = Not established

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

Detectable concentrations of VOCs were reported to be present in 1 of the 6 soil samples collected and analyzed for VOCs, and one of these concentrations, 18,000 µg/kg naphthalene in trench T13 (location of the UST discovered during trenching), was found to exceed the Health Risk-Based Mitigation Criteria (i.e., DTSC SLs) for VOCs. Therefore, based on the soil samples collected and analyzed for VOCs, the soil is considered to represent a human health risk to future residential users of the Site in comparison to the SLs in the vicinity of Trench T13. At the other trench locations, 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.

Note that sample T-13-7 that was reported with the elevated concentration of naphthalene was also reported with elevated concentrations of TPHg and TPHd that exceed the Health Risk-Based Mitigation Criteria. In general, based on our experience working with other projects involving petroleum hydrocarbon release sites, TPH is typically a primary indicator of the presence of petroleum hydrocarbons in soil.

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

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 6 soil samples collected during the trenching (sample T-13-7) and 1 of the 4 soil samples collected during drilling in early 2023 (sample DP-23-032-0.5) analyzed for VOCs were reported with detectable concentrations of VOCs; soil represented by these samples 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. Note that these two sample locations (trench T13 and boring DP-23-032) are located in relatively close proximity to each other in the west-central portion of the site. These two sample locations are approximately 100 feet apart.

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

The analytical results of the Title 22 metal analyses were compared to the respective Tier 1 SSL for each metal, which are established in the San Diego RWQCB Waiver² 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, 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	40	71	5	Yes	31	Yes
Arsenic	40	81	3.5	Yes	12*	Yes
Barium	40	2,500	509	Yes	15,000	No
Beryllium	40	0.54	4.0	No	1,600	No
Cadmium	40	3.2	4.0	No	910	No
Chromium	40	130	122	Yes	NE	No
Cobalt	40	23	20	Yes	23	No
Copper	40	1,100	60	Yes	3,200	No
Lead	77	6,300	23.9	Yes	80	Yes
Mercury	40	1.5	0.26	Yes	1.0	Yes
Molybdenum	40	6.8	2.0	Yes	390	No
Nickel	40	53	57	No	15,000	No
Selenium	40	5.2	0.21	Yes	390	No
Silver	40	12	2.0	Yes	390	No
Thallium	40	ND (<3.0)	0.78	No	12	No
Vanadium	40	64	112	No	1,200	No
Zinc	40	1,900	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 Mitigation 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.

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:

Historical Research

Frontier Housing occupied the entire Midway Rising Site and was present from 1944 until the mid-1960s when the Sports Arena was constructed. Subsurface features evaluated by the geophysical surveys and observed during trenching were generally consistent with the Frontier Housing development. It is noted that, based on information obtained from artifacts in buried burned waste deposits observed in the southwest corner of the Site, the trash in that waste deposit (c. late 1800s through 1930s) appears to pre-date the Frontier Housing development.

Geophysical Survey

Like the results of the historical research, information from the geophysical survey confirmed former development features of Frontier Housing. Features interpreted in the geophysical data included metallic piping, possible excavations, areas of relatively high conductivity (high metallic content), and possible USTs. Metallic pipes were surveyed in locations consistent with roads and structures of Frontier Housing. The burned waste deposit exhibited a relatively high metallic content, consistent with high metals concentrations, in particular lead. Possible USTs were identified in the western and central portions of the Site. The feature in the central portion was two pieces of metallic pipe. However, the feature noted in the western portion of the Site was a UST. Based on these results, the geophysical survey was judged to be useful in gaining an understanding of subsurface conditions and choosing potential targets for the trenching investigation.

Trenching

A total of 32 trenches were excavated. Detectable concentrations of TPH, VOCs, and metals were reported to be present in certain samples collected from the trenches. Based on observations during trenching and analytical results, SCS concludes the following:

- Several artifacts (glass bottles) observed while excavating the trenches in the burn dump area in the southwestern portion of the Site included product names that allowed a search of these products and the timeframe when they were on the market. Information obtained

about these products indicated that they were available generally from the late 1800s through the 1930s, and so the former trash burning deposits are interpreted to predate the Frontier Housing development.

- In addition, delineation of the burned waste indicated that it occupies an area much larger than the Frontier Housing yard area observed in the southwestern portion of the Site in the historic aerial photographs. Therefore, it does not appear that multiple burn pits are present through the Frontier Housing development, as was initially thought.
- Trench T13 encountered an underground storage tank (UST) approximately 12 feet by 4 feet, with visible staining observed near the bottom of the UST.
- A total of 29 soil samples were analyzed for extended-range TPH in accordance with EPA Method 8015B. TPH was reported in 7 of the 29 samples analyzed.
- Reported concentrations of TPH exceeded Health- Risk-Based Mitigation Criteria in only two samples, both collected from trench T13 where the UST was encountered.
- The 7 soil samples with detectable TPH exceed Waste-Based Mitigation Criteria for TPH.
- A total of 6 soil samples collected from the Site were analyzed for VOCs in accordance with EPA Method 8260B. Detectable concentrations of VOCs were reported in only one of the samples analyzed, T-13-7.
- The reported concentration of naphthalene in sample T-13-7 (18,000 mg/kg) exceeds the Health Risk-Based Mitigation Criteria.
- Detectable VOCs in sample T-13-7 exceed Waste-Based Mitigation Criteria.
- A total of 77 soil samples were analyzed for total lead in accordance with EPA Method 6010B. Detectable concentrations of lead were reported in 64 of the 77 samples analyzed.
- Reported concentrations of lead were above the Health Risk-Based Mitigation Criteria (i.e., DTSC RSL) for lead of 80 mg/kg in 12 of the 77 soil samples analyzed. All of these samples were within the burned waste/burn ash deposit at the southwest corner of the Site.
- A total of 40 soil samples were analyzed for Title 22 metals in accordance with EPA Method 6010B.
- Reported concentrations of antimony, arsenic, cobalt, and/or mercury exceeded Health Risk-Based Mitigation Criteria in 8 soil samples. All of these samples were within the burned waste/burn ash deposit at the southwest corner of the Site.
- A total of 21 soil samples exceed Waste-Based Mitigation Criteria for metals.
- A total of 6 soil samples exceed the Hazardous Waste Criteria (i.e., STLC criteria) for lead and copper and would be classified as a California hazardous waste. All 6 of these samples were within the burned waste/burn ash deposit at the southwest corner of the Site.
- None of the samples analyzed following the TCLP exceeded Hazardous Waste Criteria.

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, SCS recommends that the issues identified above, along with issues identified in earlier Phase II assessment activities involving drilling, be incorporated into a comprehensive Soil Management Plan to address regulated waste criteria, worker exposure issues, and the proposed future residential and commercial development plans and land uses. The Soils Management Plan will describe the methods and details and other aspects of the proper handling and management of soils that exceed the Mitigation Criteria that will be encountered during the grading and construction of the proposed Project.

- During the geophysical survey activities, Parcels B and E were not surveyed due to access constraints imposed by the tenants, and Parcels C, D, and E, as well as portions of Parcel A were not surveyed due to time constraints. Additional focused geophysical surveys are recommended to further evaluate possible subsurface features of potential concern. One area specifically targeted for additional geophysical survey is the area just southwest of the existing arena structure. SCS has interpreted from historic aerial photographs that this area was likely office/administration buildings for the Frontier School. It is possible that an additional UST or USTs may be located in this area. Other portions of the Site could have additional geophysical surveys once existing structures have been demolished.
- Additional soil and soil vapor sampling is recommended as well in focused areas of the Site to further delineate CoC impacted areas and for pre-characterization of soil proposed to be graded within the Project redevelopment footprint, particularly in areas where either soil borings could not be advanced due to the presence of the existing Site buildings, or trenches were not advanced due to either access or time constraints. Areas specifically targeted for additional soil and/or soil vapor sampling are as follows:
 - Additional soil sampling in the southwestern portion of the Site to further delineate the extent of the former burn waste/burn ash deposits, particularly in the area of the current Summit gasoline service station.
 - Additional soil sampling in the vicinity of the UST discovered in trench T-13 to delineate the extent of petroleum hydrocarbon-bearing soil.
 - Soil and soil vapor sampling in the area just southwest of the existing arena structure if results of the additional geophysical survey (discussed above) suggests that an additional UST or USTs may be present.
 - Soil sampling in the southern portion of Parcel C and extending west and east into Parcels A and D, respectively, to delineate soil reported during the drilling assessment in early 2023 to have concentrations of organochlorine pesticides that exceeded Health Risk-Based Mitigation Criteria for residential users.
 - Soil vapor sampling at the gasoline service station, Parcel B, where access was denied during initial assessment activities in early 2023.
 - Soil and soil vapor sampling on Parcel E (Salvation Army) where access was denied during initial assessment activities in early 2023.
 - Soil and soil vapor sampling under the ice pits at either end of the existing arena structure.
 - Soil sampling in Parcel D, the yard area of Dixieline, to further assess the possible presence and concentrations of the metal arsenic and organochlorine pesticides.
- SCS recommends that the UST encountered at trench T13 and any other USTs that may be encountered at the Site be properly removed, under permit from the DEHQ and San Diego Fire Department.
- SCS recommends that CoC-bearing soil that exceeds Health Risk-Based Mitigation criteria 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

Department of Environmental Health and Quality (DEHQ), or exported to a properly licensed facility (e.g., landfill) as a regulated waste.

- In the event that soil that exceeds the Waste-Based Mitigation Criteria is exported from the Site, it should be exported to a properly licensed facility as a regulated waste, either as a non-hazardous regulated waste, or as a hazardous waste.
- Soil represented by samples that were reported not to exceed Health Risk-Based Mitigation Criteria for residential users established by the Department of Toxic Substances Control (DTSC) (recommended Screening Levels [SLs]), San Francisco Bay Regional Water Quality Control Board (Environmental Screening Levels), and US Environmental Protection Agency RSLs, as stipulated in the Report, is not considered to represent a human health risk to future residential users of the Site, and can be freely graded on-Site during grading activities.
- For the metal lead, concentrations were reported above the DTSC RSL for lead of 80 mg/kg in 12 of the 77 soil samples analyzed for lead. These samples were collected from within the burned waste/burn ash deposit at the southwest corner of the Site. Six of these samples exceed the STLC criteria for lead and copper and would be classified as a California hazardous waste. SCS recommends soil represented by these samples be excavated and exported to an appropriately licensed facility prior to or during the proposed grading operations for the Project.

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.

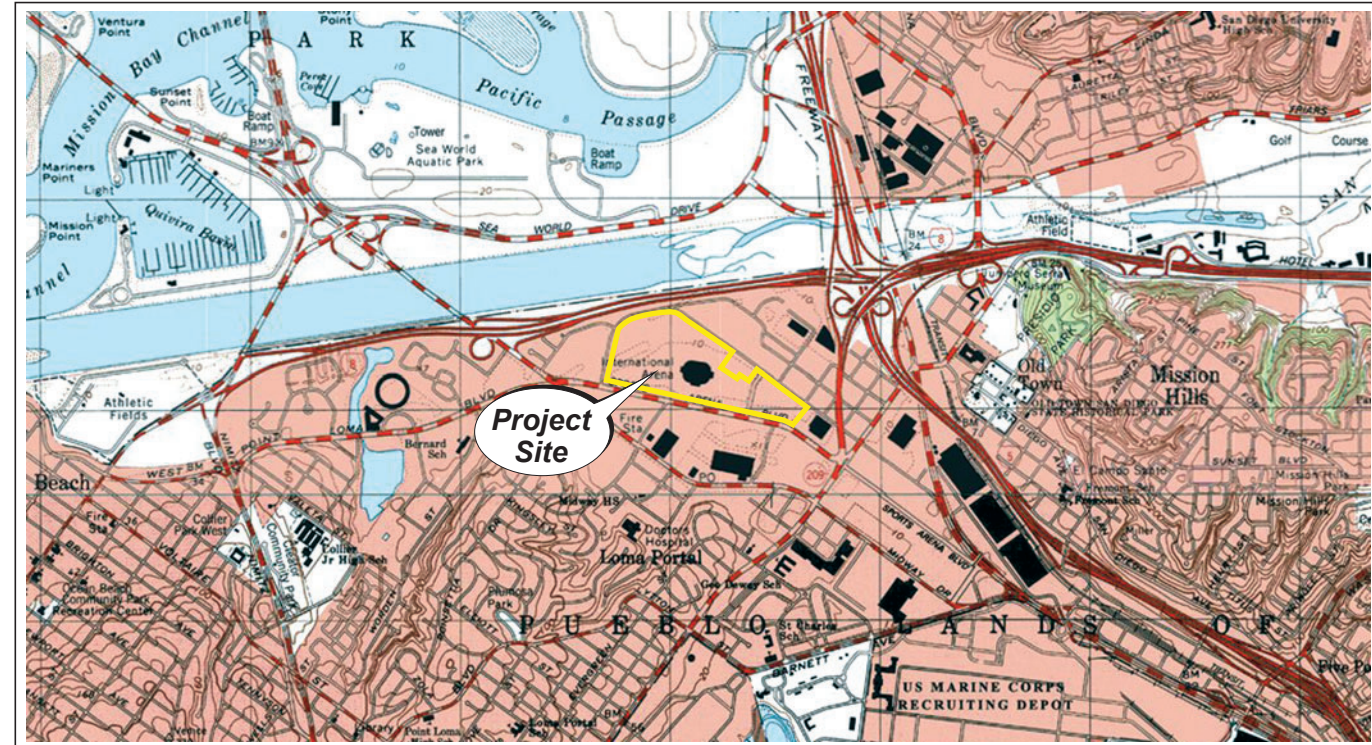
10 SPECIAL CONTRACTUAL CONDITIONS BETWEEN USER AND ENVIRONMENTAL PROFESSIONAL

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

FIGURES

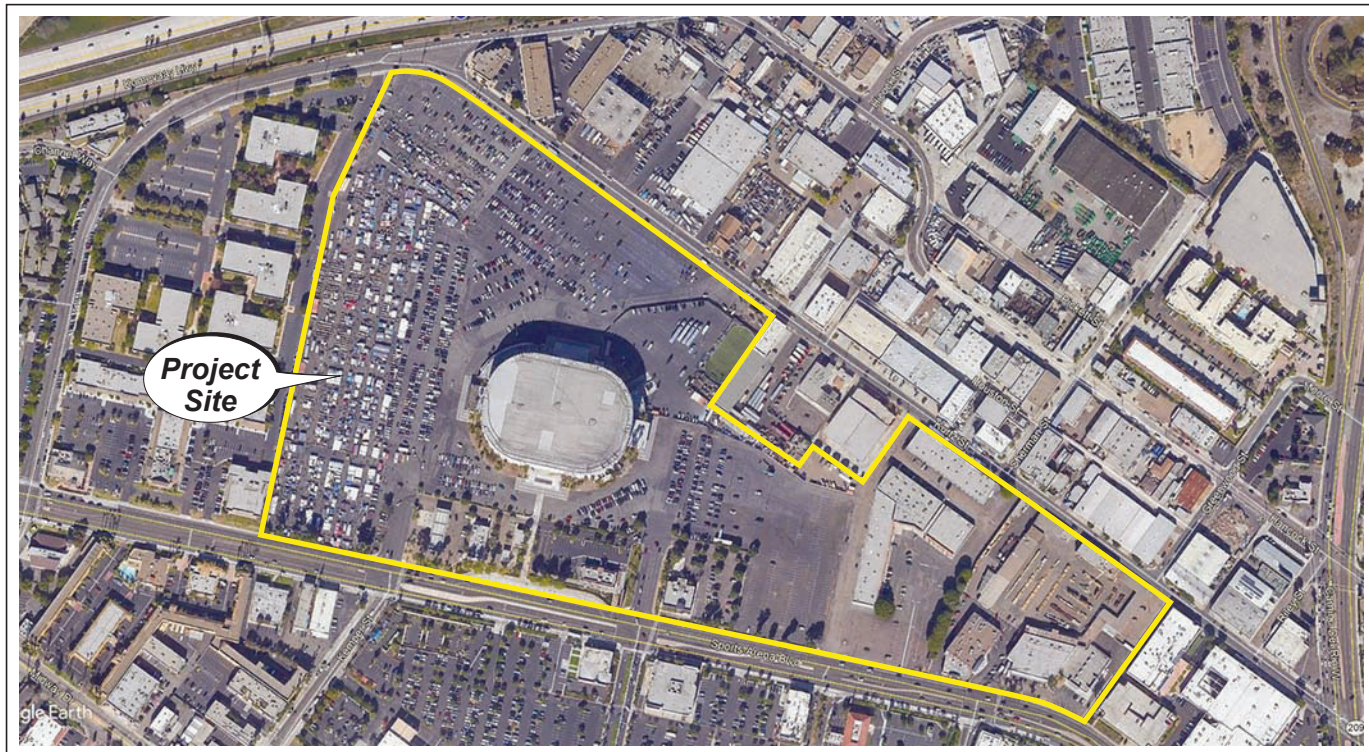


REGIONAL SITE LOCATION



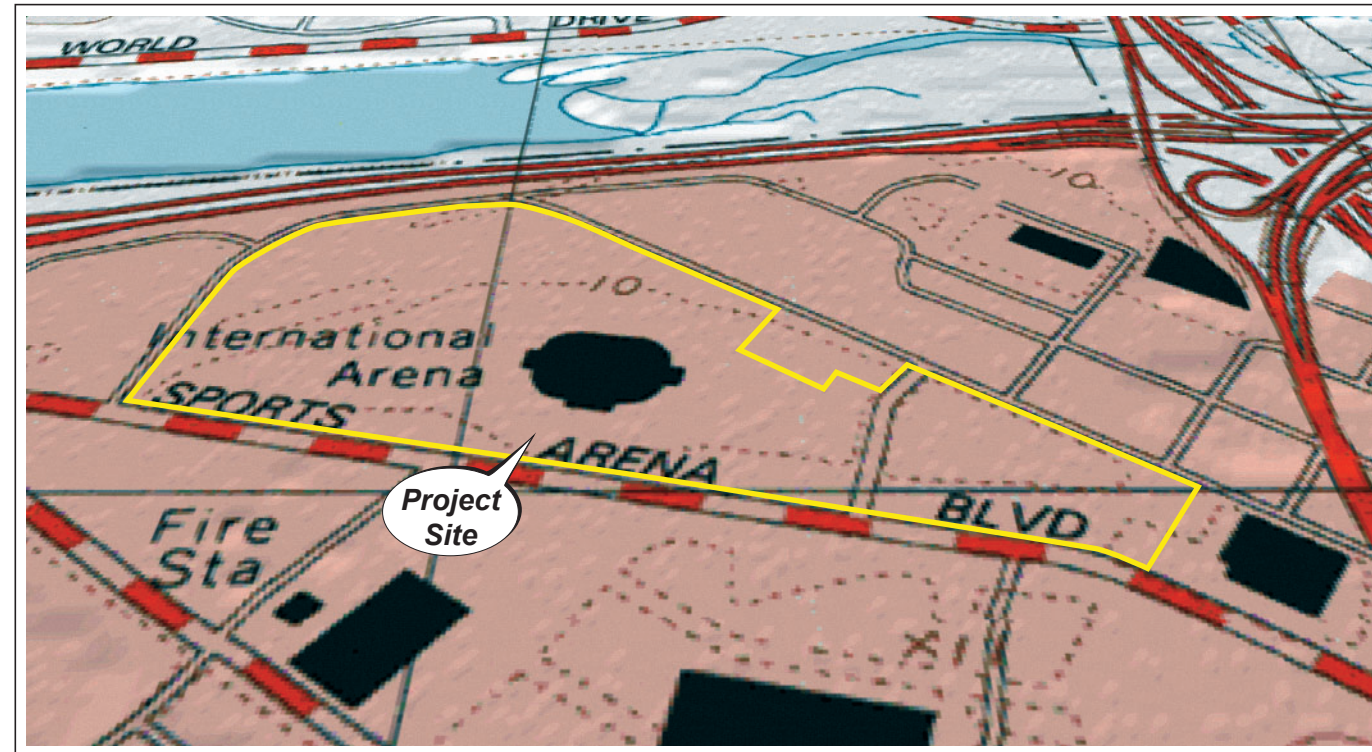
Reference:
U.S.G.S. 7.5 Minute Quadrangle Map
La Jolla, California

2-DIMENSIONAL SITE LOCATION



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

SITE AERIAL PHOTOGRAPH



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

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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:
9/22/23



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

SCS ENGINEERS

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 San Diego, California 92123

SITE MAP WITH TRENCH LOCATIONS

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

Project No.:
 01213320.07

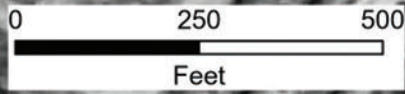
Figure 2

Date Drafted:
 9/22/23



LEGEND

- Approximate Site boundary
- ◆ Approximate trench location excavated by SCS Engineers in June 2023



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

SCS ENGINEERS
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 San Diego, California 92123

1949 HISTORIC AERIAL PHOTOGRAPH
 Midway Rising, LLC
 3220, 3240, 3250, 3350, and 3500 Sports Arena Boulevard
 San Diego, California

Project No.:
 01213320.07
Figure 3
 Date Drafted:
 9/22/23



INQUIRY #: 6320132.8

YEAR: 1966

— = 500'



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

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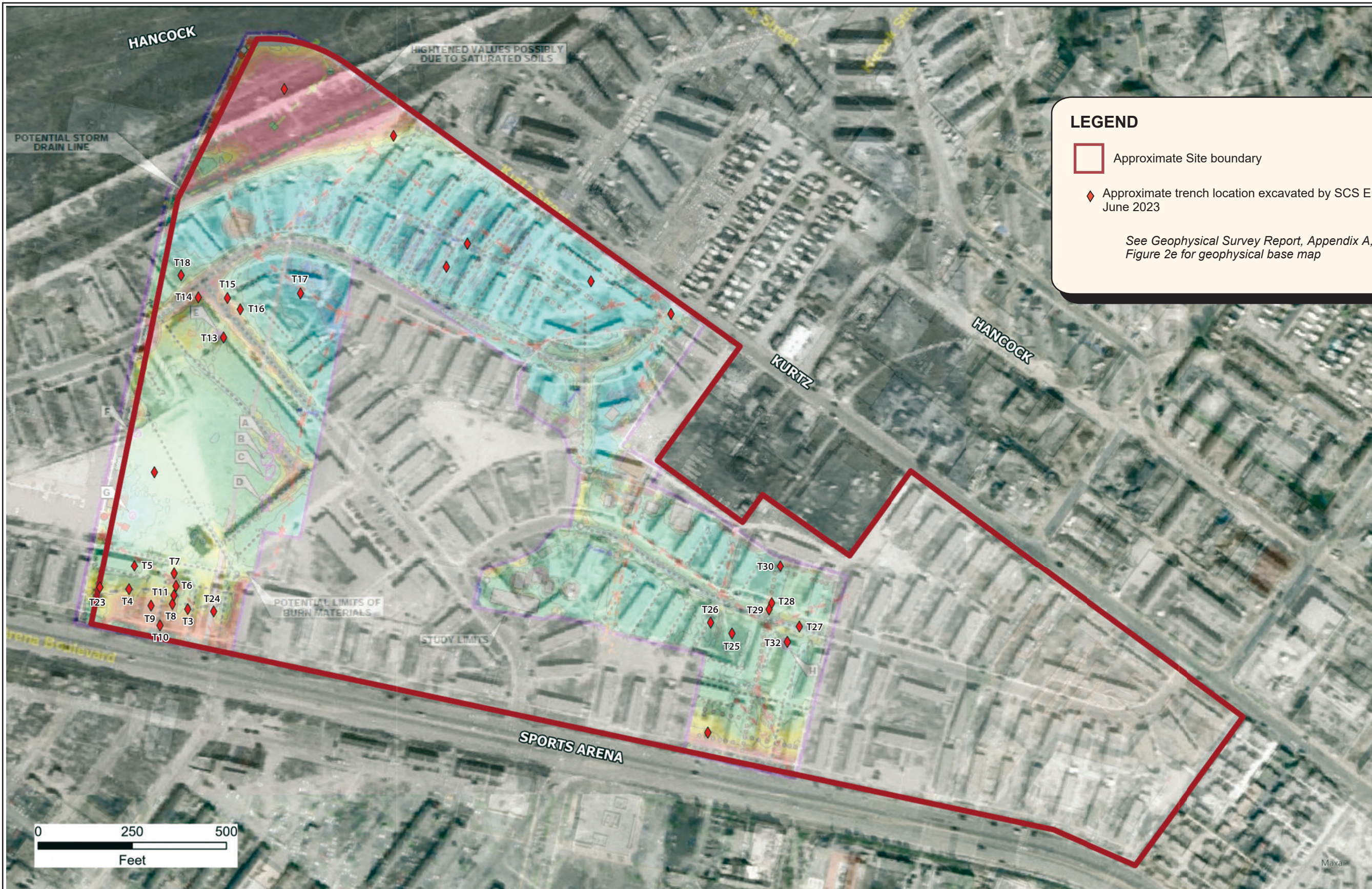
1966 HISTORIC AERIAL PHOTOGRAPH

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

Project No.:
01213320.07

Figure 4

Date Drafted:
9/22/23



LEGEND

- Approximate Site boundary
- ◆ Approximate trench location excavated by SCS Engineers in June 2023

See Geophysical Survey Report, Appendix A, Figure 2e for geophysical base map

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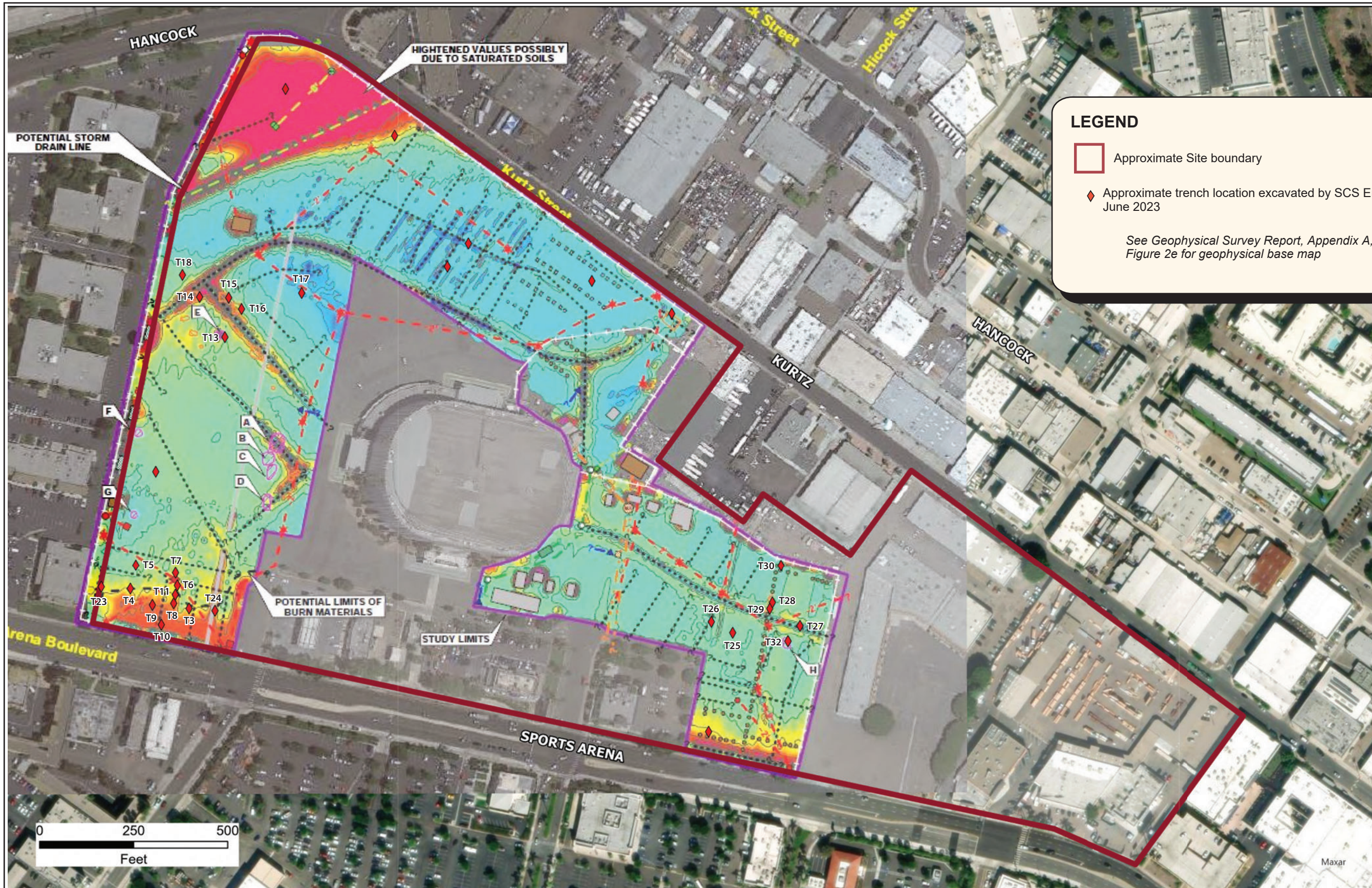
**GEOPHYSICAL MAP - SUBSURFACE FEATURES
 OVERLAIN ON 1949 HISTORIC AERIAL PHOTOGRAPH**
 Midway Rising, LLC
 3220, 3240, 3250, 3350, and 3500 Sports Arena Boulevard
 San Diego, California

Project No.:
01213320.07

Figure 5

Date Drafted:
9/22/23

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



LEGEND

- Approximate Site boundary
- ◆ Approximate trench location excavated by SCS Engineers in June 2023

See Geophysical Survey Report, Appendix A, Figure 2e for geophysical base map



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GEOPHYSICAL MAP - EM31 IN-PHASE

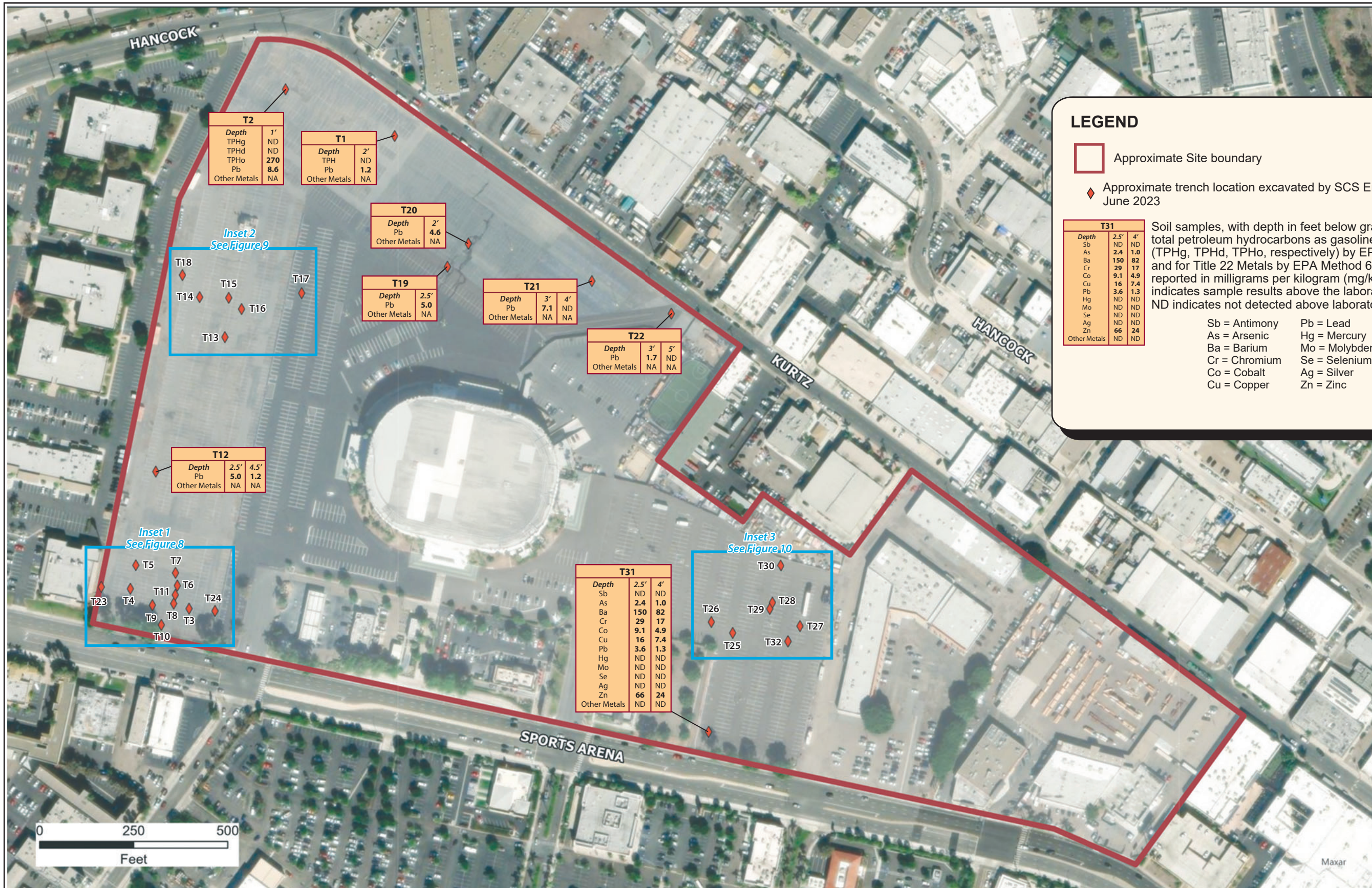
Midway Rising, LLC
3220, 3240, 3250, 3350, and 3500 Sports Arena Boulevard
San Diego, California

Project No.:
01213320.07

Figure 6

Date Drafted:
9/22/23

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



LEGEND

Approximate Site boundary
◆ Approximate trench location excavated by SCS Engineers in June 2023

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. ND indicates not detected above laboratory reporting limits.

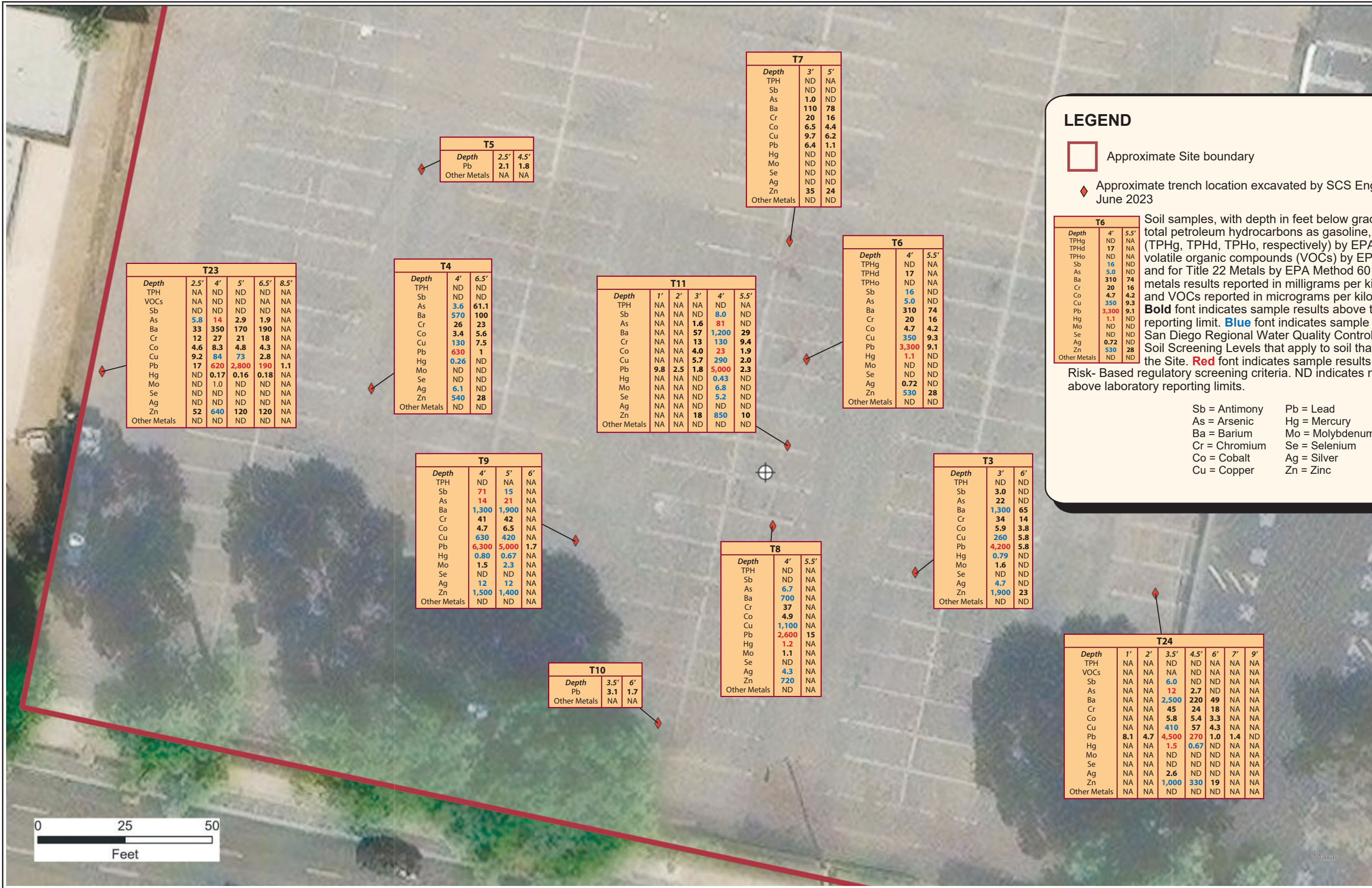
Sb = Antimony	Pb = Lead
As = Arsenic	Hg = Mercury
Ba = Barium	Mo = Molybdenum
Cr = Chromium	Se = Selenium
Co = Cobalt	Ag = Silver
Cu = Copper	Zn = Zinc

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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: 9/22/23

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



LEGEND

- Approximate Site boundary
- ◆ Approximate trench location excavated by SCS Engineers in June 2023

T6		
Depth	4'	5.5'
TPH	ND	NA
TPHg	17	NA
TPHd	ND	NA
TPHo	16	ND
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

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 San Diego Regional Water Quality Control Board Tier 1 Soil Screening Levels that apply 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
- As = Arsenic
- Ba = Barium
- Cr = Chromium
- Co = Cobalt
- Cu = Copper
- Pb = Lead
- Hg = Mercury
- Mo = Molybdenum
- Se = Selenium
- Ag = Silver
- Zn = Zinc

T23					
Depth	2.5'	4'	5'	6.5'	8.5'
TPH	NA	ND	ND	ND	NA
VOCs	NA	ND	ND	ND	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	NA	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	18	ND
Zn	NA	NA	ND	850	10
Other Metals	NA	NA	ND	ND	ND

T6		
Depth	4'	5.5'
TPH	ND	NA
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

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

T10		
Depth	3.5'	6'
Pb	3.1	1.7
Other Metals	NA	NA

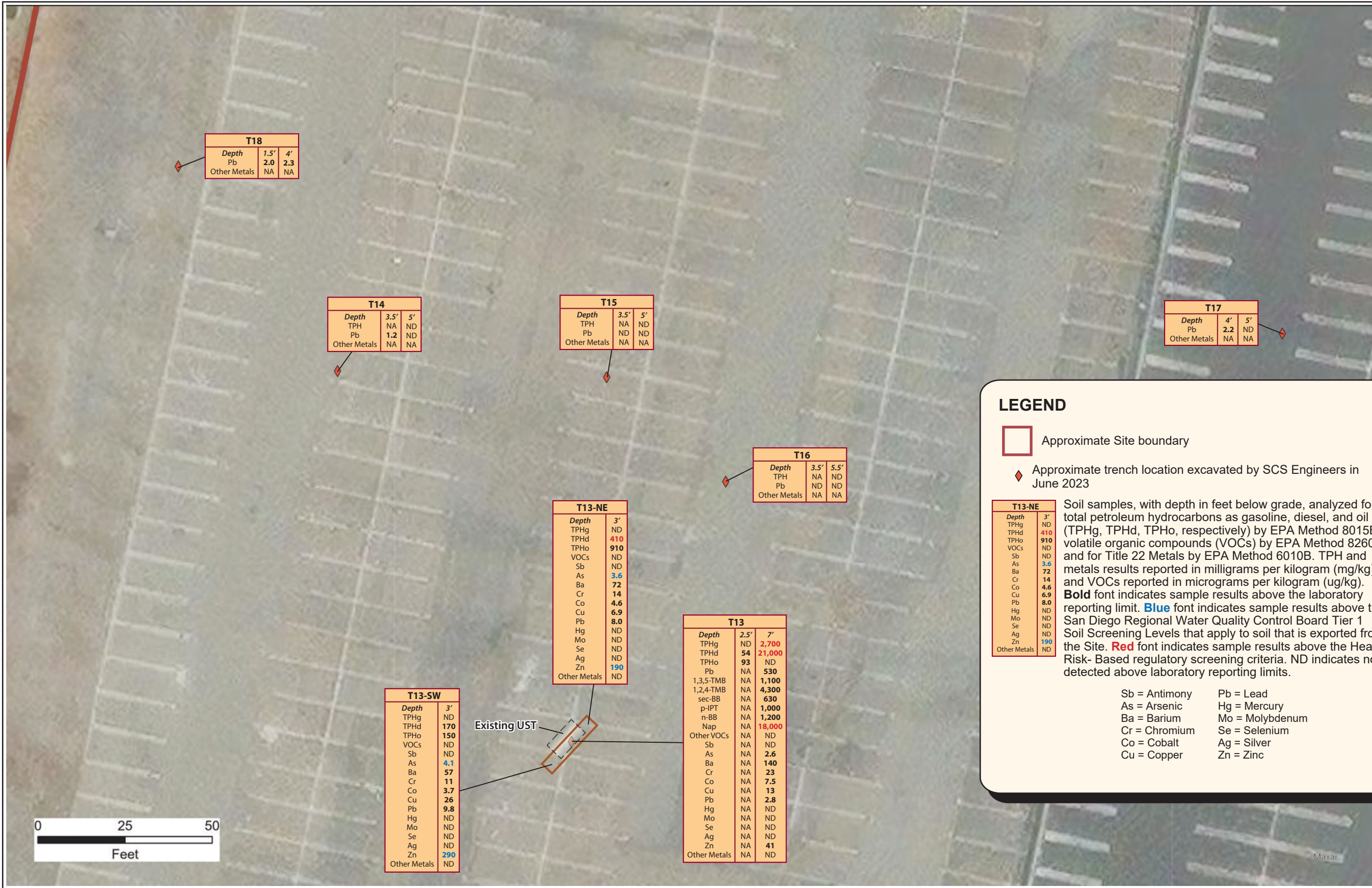
T24							
Depth	1'	2'	3.5'	4.5'	6'	7'	9'
TPH	NA	NA	ND	ND	NA	NA	NA
VOCs	NA	NA	NA	ND	NA	NA	NA
Sb	NA	NA	6.0	ND	ND	NA	NA
As	NA	NA	12	2.7	ND	NA	NA
Ba	NA	NA	2,500	220	49	NA	NA
Cr	NA	NA	45	24	18	NA	NA
Co	NA	NA	5.8	5.4	3.3	NA	NA
Cu	NA	NA	410	57	4.3	NA	NA
Pb	8.1	4.7	4,500	270	1.0	1.4	ND
Hg	NA	NA	1.5	0.67	ND	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

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**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:
9/22/23

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



T18		
Depth	1.5'	4'
Pb	2.0	2.3
Other Metals	NA	NA

T14		
Depth	3.5'	5'
TPH	NA	ND
Pb	1.2	ND
Other Metals	NA	NA

T15		
Depth	3.5'	5'
TPH	NA	ND
Pb	ND	ND
Other Metals	NA	NA

T17		
Depth	4'	5'
Pb	2.2	ND
Other Metals	NA	NA

T16		
Depth	3.5'	5.5'
TPH	NA	ND
Pb	ND	ND
Other Metals	NA	NA

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

T13		
Depth	2.5'	7'
TPHg	ND	2,700
TPHd	54	21,000
TPHo	93	ND
Pb	NA	530
1,3,5-TMB	NA	1,100
1,2,4-TMB	NA	4,300
sec-BB	NA	630
p-IPT	NA	1,000
n-BB	NA	1,200
Nap	NA	18,000
Other VOCs	NA	ND
Sb	NA	ND
As	NA	2.6
Ba	NA	140
Cr	NA	23
Co	NA	7.5
Cu	NA	13
Pb	NA	2.8
Hg	NA	ND
Mo	NA	ND
Se	NA	ND
Ag	NA	ND
Zn	NA	41
Other Metals	NA	ND

T13-SW	
Depth	3'
TPHg	ND
TPHd	170
TPHo	150
VOCs	ND
Sb	ND
As	4.1
Ba	57
Cr	11
Co	3.7
Cu	26
Pb	9.8
Hg	ND
Mo	ND
Se	ND
Ag	ND
Zn	290
Other Metals	ND

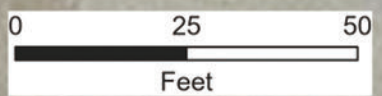
LEGEND

- Approximate Site boundary
- ◆ Approximate trench location excavated by SCS Engineers in June 2023

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 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 San Diego Regional Water Quality Control Board Tier 1 Soil Screening Levels that apply 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.

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- Pb = Lead
- Hg = Mercury
- Mo = Molybdenum
- Se = Selenium
- Ag = Silver
- Zn = Zinc



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INSET 2 - 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 9
 Date Drafted: 9/22/23

T30		
Depth	2.5'	3.5'
Sb	ND	ND
As	5.6	ND
Ba	41	40
Cr	17	8
Co	5.8	2.5
Cu	8.5	3.4
Pb	7.7	ND
Hg	ND	ND
Mo	ND	ND
Se	ND	ND
Ag	ND	ND
Zn	47	11
Other Metals	ND	ND

T28				
Depth	0'	2.5'	3'	4.5'
TPH	ND	ND	ND	ND
Sb	ND	ND	ND	ND
As	4.5	5.2	4.7	2.0
Ba	63	61	67	150
Cr	13	16	18	30
Co	4.9	5.9	6.4	9.3
Cu	10	9.9	10	14
Pb	8.3	7.3	6.7	2.7
Hg	ND	ND	ND	ND
Mo	ND	ND	ND	ND
Se	ND	ND	ND	ND
Ag	ND	ND	ND	ND
Zn	52	43	44	46
Other Metals	ND	ND	ND	ND

T29	
Depth	6'
TPH	ND
Sb	ND
As	1.8
Ba	130
Cr	25
Co	7.8
Cu	13
Pb	2.3
Hg	ND
Mo	ND
Se	ND
Ag	ND
Zn	39
Other Metals	ND

T26	
Depth	2'
Sb	ND
As	5.9
Ba	36
Cr	15
Co	5
Cu	7.3
Pb	8.2
Hg	ND
Mo	ND
Se	ND
Ag	ND
Zn	41
Other Metals	ND

T25		
Depth	2'	6.5'
Sb	ND	ND
As	6.1	41
Ba	42	41
Cr	17	10
Co	5.2	2.9
Cu	7.3	3.9
Pb	13	1.0
Hg	ND	ND
Mo	ND	ND
Se	ND	ND
Ag	ND	ND
Zn	46	13
Other Metals	ND	ND

T32-M	
Depth	5'
TPH	ND
Sb	ND
As	ND
Ba	55
Cr	14
Co	3.1
Cu	4.5
Pb	ND
Hg	ND
Mo	ND
Se	ND
Ag	ND
Zn	17
Other Metals	ND

T27			
Depth	1.5'	3'	5.5'
Sb	ND	ND	ND
As	6.7	1.9	31
Ba	110	120	81
Cr	13	24	19
Co	5.7	7.9	6.1
Cu	9.8	12	10
Pb	8.5	2.3	5.2
Hg	ND	ND	ND
Mo	ND	ND	ND
Se	ND	ND	ND
Ag	ND	ND	ND
Zn	38	37	37
Other Metals	ND	ND	ND

T32-NW		
Depth	1.5'	3.5'
Pb	13	ND
Other Metals	NA	NA

T32-SE		
Depth	1.5'	5'
TPH	NA	ND
Pb	6.8	ND
Other Metals	NA	NA

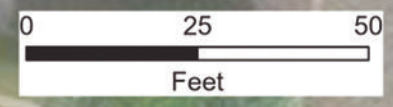
LEGEND

- Approximate Site boundary
- ◆ Approximate trench location excavated by SCS Engineers in June 2023

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

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 San Diego Regional Water Quality Control Board Tier 1 Soil Screening Levels that apply 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.

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- Hg = Mercury
- Mo = Molybdenum
- Se = Selenium
- Ag = Silver
- Zn = Zinc



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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: 9/22/23

TABLES

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

Sample Identifier	Sample Depth	Sample Date	TPH			VOCs										SVOCs			
			TPH GROs	TPH DROs	TPH OROs	Ethylbenzene	m,p-Xylenes	o-Xylene	Propylbenzene	1,3,5-TMB	1,2,4-TMB	sec-Butylbenzene	para-Isopropyl Toluene	n-Butylbenzene	Naphthalene	Other VOCs	Phenol	Other SVOCs	
			mg/kg			µg/kg													
T-1~2	2	6/23/2023	<10	<10	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
T-2~1	1	6/23/2023	<20	<20	270	--	--	--	--	--	--	--	--	--	--	--	--	--	--
T-3 3'	3	6/26/2023	<10	<10	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
T-4 4'	4	6/26/2023	<9.9	<9.9	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
T-6 4'	4	6/26/2023	<10	17	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
T-7 3'	3	6/26/2023	<9.9	<9.9	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
T-8 4'	4	6/26/2023	<10	<10	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
T-9 4'	4	6/26/2023	<10	<10	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
T-11-4'	4	6/26/2023	<20	<20	<100	--	--	--	--	--	--	--	--	--	--	--	--	--	--
T-13-2.5	2.5	6/27/2023	<10	54	93	--	--	--	--	--	--	--	--	--	--	--	--	--	--
T-13-3-NE	3	6/27/2023	<100	410	910	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND	--	ND
T-13-3-SW	3	6/27/2023	<10	170	150	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND	--	ND
T-13-7	7	6/27/2023	2,700	21,000	<1,000	<250	<500	<250	530	1,100	4,300	630	1,000	1,200	18,000	ND	--	ND	
T-14-5	5	6/27/2023	<10	<10	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
T-15-5	5	6/27/2023	<9.9	<9.9	<20	--	--	--	--	--	--	--	--	--	--	--	--	--	--
T-16-5.5	5.5	6/27/2023	<10	<10	<20	--	--	--	--	--	--	--	--	--	--	--	--	--	--
T-23-4	4	6/28/2023	<10	<10	<50	<5.0	<10	<5.0	<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	<9.9	<9.9	<50	<5.0	<10	<5.0	<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	<9.9	<9.9	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
T-24-3.5	3.5	6/28/2023	<9.9	<9.9	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
T-24-4.5	4.5	6/28/2023	<9.9	<9.9	<50	<5.0	<10	<5.0	<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	<9.9	<9.9	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
T-28 0'	0	6/29/2023	<99	<99	390	--	--	--	--	--	--	--	--	--	--	--	--	--	--
T-28 2.5'	2.5	6/29/2023	<9.9	<9.9	<20	--	--	--	--	--	--	--	--	--	--	--	--	--	--
T-28 3'	3	6/29/2023	<10	<10	<20	--	--	--	--	--	--	--	--	--	--	--	--	--	--
T-28 4.5'	4.5	6/29/2023	<9.9	<9.9	<20	--	--	--	--	--	--	--	--	--	--	--	--	--	--
T-29 4'	4	6/29/2023	<10	<10	<20	--	--	--	--	--	--	--	--	--	--	--	--	--	--
T-32 M 5'	5	6/30/2023	<9.9	<9.9	<20	--	--	--	--	--	--	--	--	--	--	--	--	--	--
T-32 SE 5'	5	6/30/2023	<10	<10	<20	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Health Risk-Based Mitigation Criteria (Residential) ¹			430	260	12,000	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 Mitigation Criteria (Commercial) ¹			2,000	1,200	180,000	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 Mitigation Criteria ²			Any detectable concentration above laboratory reporting limits																

NOTES:

Soil samples collected by SCS Engineers between June 23 and 30, 2023.

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 semi-volatile organic compounds in general accordance with EPA Method 8270.

TPH: total petroleum hydrocarbons, GROs: gasoline-range organics; DROs: diesel-range organics OROs: oil-range organics.

TMB: Trimethylbenzene

Results for TPH reported in milligrams per kilogram (mg/kg); results for VOCs and SVOCs 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.

ND: Not detected

NE: Not established

1: Health Risk-Based Criteria - For TPH: the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) Environmental Screening Levels (ESLs) for commercial/ industrial users, dated 2019 (revised).

For VOCs & SVOCs: 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.

[^] A DTSC-SL has not been established for this constituent. The EPA Regional Screening Level (RSL) dated May 2023 was used for this constituent. A DTSC-SL nor a RSL has been established for para-Isopropyl Toluene.

2: Waste-Based Criteria - for chemical constituents such as TPH, VOCs, and SVOCs, 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, May 2019.

Red font : Constituent result above the Health Risk-Based regulatory screening criteria.

Table 2
Trenching 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	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Total Lead	STLC Arsenic	STLC Barium	STLC Chromium	STLC Copper	STLC Lead	Lead TCLP	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
T-25 2'	2	6/29/2023	<2.9	6.1	42	<0.49	<0.49	17	5.2	7.3	13	--	--	--	--	--	--	<0.16	<0.98	7.4	<2.9	<0.49	<0.98	39	46
T-25 6.5'	6.5	6/29/2023	<2.9	<0.95	41	<0.48	<0.48	10	2.9	3.9	1.0	--	--	--	--	--	--	<0.16	<0.95	2.5	<2.9	<0.48	<0.95	31	13
T-26 2'	2	6/29/2023	<2.9	5.9	36	<0.48	<0.48	15	5	7.3	8.2	--	--	--	--	--	--	<0.16	<0.96	7.2	<2.9	<0.48	<0.96	36	41
T-27 1.5'	1.5	6/29/2023	<2.9	6.7	110	0.49	<0.49	13	5.7	9.8	8.5	--	--	--	--	--	--	<0.15	<0.98	6.8	<2.9	<0.49	<0.98	34	38
T-27 3'	3	6/29/2023	<2.9	1.9	120	<0.48	<0.48	24	7.9	12	2.3	--	--	--	--	--	--	<0.15	<0.96	7.1	<2.9	<0.48	<0.96	63	37
T-27 5.5'	5.5	6/29/2023	<2.9	3.1	81	<0.48	<0.48	19	6.1	10	5.2	--	--	--	--	--	--	<0.16	<0.95	7.2	<2.9	<0.48	<0.95	49	37
T-28 0'	0	6/29/2023	<2.9	4.5	63	<0.48	<0.48	13	4.9	10	8.3	--	--	--	--	--	--	<0.16	<0.95	12	<2.9	<0.48	<0.95	35	52
T-28 2.5'	2.5	6/29/2023	<2.9	5.2	61	<0.49	<0.49	16	5.9	9.9	7.3	--	--	--	--	--	--	<0.15	<0.98	8.4	<2.9	<0.49	<0.98	40	43
T-28 3'	3	6/29/2023	<2.9	4.7	67	<0.49	<0.49	18	6.4	10	6.7	--	--	--	--	--	--	<0.16	<0.98	7.7	<2.9	<0.49	<0.98	43	44
T-28 4.5'	4.5	6/29/2023	<2.9	2.0	150	<0.49	<0.49	30	9.3	14	2.7	--	--	--	--	--	--	<0.15	<0.97	8.3	<2.9	<0.49	<0.97	67	46
T-29 4'	4	6/29/2023	<2.9	1.8	130	<0.49	<0.49	25	7.8	13	2.3	--	--	--	--	--	--	<0.15	<0.97	7.2	<2.9	<0.49	<0.97	60	39
T-30 2.5'	2.5	6/29/2023	<2.9	5.6	41	<0.48	<0.48	17	5.8	8.5	7.7	--	--	--	--	--	--	<0.14	<0.95	8.6	<2.9	<0.48	<0.95	40	47
T-30 3.5'	3.5	6/29/2023	<2.9	<0.98	40	<0.49	<0.49	8	2.5	3.4	<0.98	--	--	--	--	--	--	<0.14	<0.98	2.4	<2.9	<0.49	<0.98	22	11
T-31 2.5'	2.5	6/29/2023	<2.9	2.4	150	<0.49	<0.49	29	9.1	16	3.6	--	--	--	--	--	--	<0.16	<0.98	8.8	<2.9	<0.49	<0.98	66	48
T-31 4'	4	6/29/2023	<2.9	1.0	82	<0.49	<0.49	17	4.9	7.4	1.3	--	--	--	--	--	--	<0.15	<0.98	4.4	<2.9	<0.49	<0.98	46	24
T-32 NW 1.5'	1.5	6/30/2023	--	--	--	--	--	--	--	--	13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
T-32 SE 1.5'	1.5	6/30/2023	--	--	--	--	--	--	--	--	6.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--
T-32 NW 3.5'	3.5	6/30/2023	--	--	--	--	--	--	--	--	<0.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
T-32 M 5'	5	6/30/2023	<0.96	<0.96	55	<0.48	<0.48	14	3.1	4.5	<0.96	--	--	--	--	--	--	<0.15	<0.96	3.5	<2.9	<0.48	<2.9	43	17
T-32 SE 5'	5	6/30/2023	--	--	--	--	--	--	--	--	<0.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Health Risk-Based Criteria¹			31 [^]	12	15,000 [^]	1,600	910	NE	23 [^]	3,100 [^]	80	NA	NA	NA	NA	NA	NA	1.0	390 [^]	15,000	390 [^]	390 [^]	0.78 [^]	390 [^]	23,000 [^]
Hazardous Waste Criteria²			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 Criteria³			5.0	3.5	509	4.0	4.0	122	20	60	23.9	NA	NA	NA	NA	NA	NA	0.26	2.0	57	0.21	2.0	0.78	112	149

Soil samples collected by SCS Engineers between June 23 and June 30, 2023.

Soil samples were analyzed for Title 22 metals by Environmental Protection Agency (EPA) Method 6010B.

Soil samples with total lead >50 mg/kg additionally analyzed for soluble lead, copper, barium, chromium, and arsenic by the Waste Extraction Test (WET) and the Toxicity Characteristic Leaching Procedure (TCLP), in general accordance with EPA Method 6010B (reported in milligrams per liter [mg/L]).

Soil samples with total lead >100 mg/kg additionally analyzed for soluble lead by the Toxicity Characteristic Leaching Procedure (TCLP), in general accordance with EPA Method 6010B (reported in mg/L).

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 2023 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 2023 were used.

For arsenic, although the DTSC RSL is 0.36 mg/kg, naturally occurring 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.

Exceedances of the Total Threshold Limit Concentration (TTL) would be considered a California hazardous waste, at a minimum.

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). mg/L : milligrams per liter.

<: indicates the specific analyte was reported below the laboratory reporting limit.

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.

APPENDICES

APPENDIX A
Geophysical Evaluation Report



GEOPHYSICAL EVALUATION

SAN DIEGO SPORTS ARENA

San Diego, California

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PREPARED BY:

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July 28, 2023



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July 28, 2023

Atlas No. 8823

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 February 10, 2023, June 5 through June 10, 2023, June 13, 2023, and June 19, 2023. 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

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

KJA:ERC:PFL:ds
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Figure 2e:	Site Data Map, EM31 In-Phase Data
Figure 3:	Site Photographs



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 (EM) and magnetic (MAG) evaluations at preselected portions of the San Diego Sports Arena. The purpose of this study was to assess the presence of underground storage tanks (USTs), burn pits, obstructions, structures, and/or backfilled excavations associated with USTs. In addition, the presence of detectable underground utilities was also evaluated in the study areas. Our services were conducted on February 6 through February 10, 2023, June 5 through June 10, 2023, June 13, 2023, and June 19, 2023. 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.
- 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. The site consisted of k-rails, chain-link fences, vehicles, signposts, and parking stops. Figures 2a through 2e and Figure 3 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 currents. A receiving coil senses the secondary magnetic field produced by these eddy currents 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; and 45,716 gammas on June 19, 2023 (<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 the San Diego Sports Arena. Figure 2a displays the surficial and detected subsurface features (fences, underground utilities, etc.) within the 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 H. 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 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 H have heightened EM61 values; however, GPR traverses over these anomalies were inconclusive. The absence of a MAG response for Anomalies F through H appears to indicate that these features are not ferromagnetic in nature. Additionally, several possible excavation features were found throughout the site and may indicate past trenching operations or changes in fill material. Several other anomalies are present throughout the site and may be associated with utilities, surface metallic features, and possible debris located throughout the site.

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.

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 foot 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 USTs and backfilled tank excavations, 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.

7. SELECTED REFERENCES

Breiner, S., 1999, Applications Manual for Portable Magnetometers: Geometrics, Inc.

Burger, H.R., Sheehan, A.F., and Jones, C.H., 2006, Introduction to Applied Geophysics; Exploring the Shallow Subsurface, W.W. Norton & Company, Inc.

Geometrics, Inc., 2017, Magmap 2017: Version 5.04.

Golden Software, Inc., 2022, Surfer, Surface Mapping System: Version 24.1.181.

Geonics, Inc., 2019, DAT31W: Version 2.12, 2001-2019.

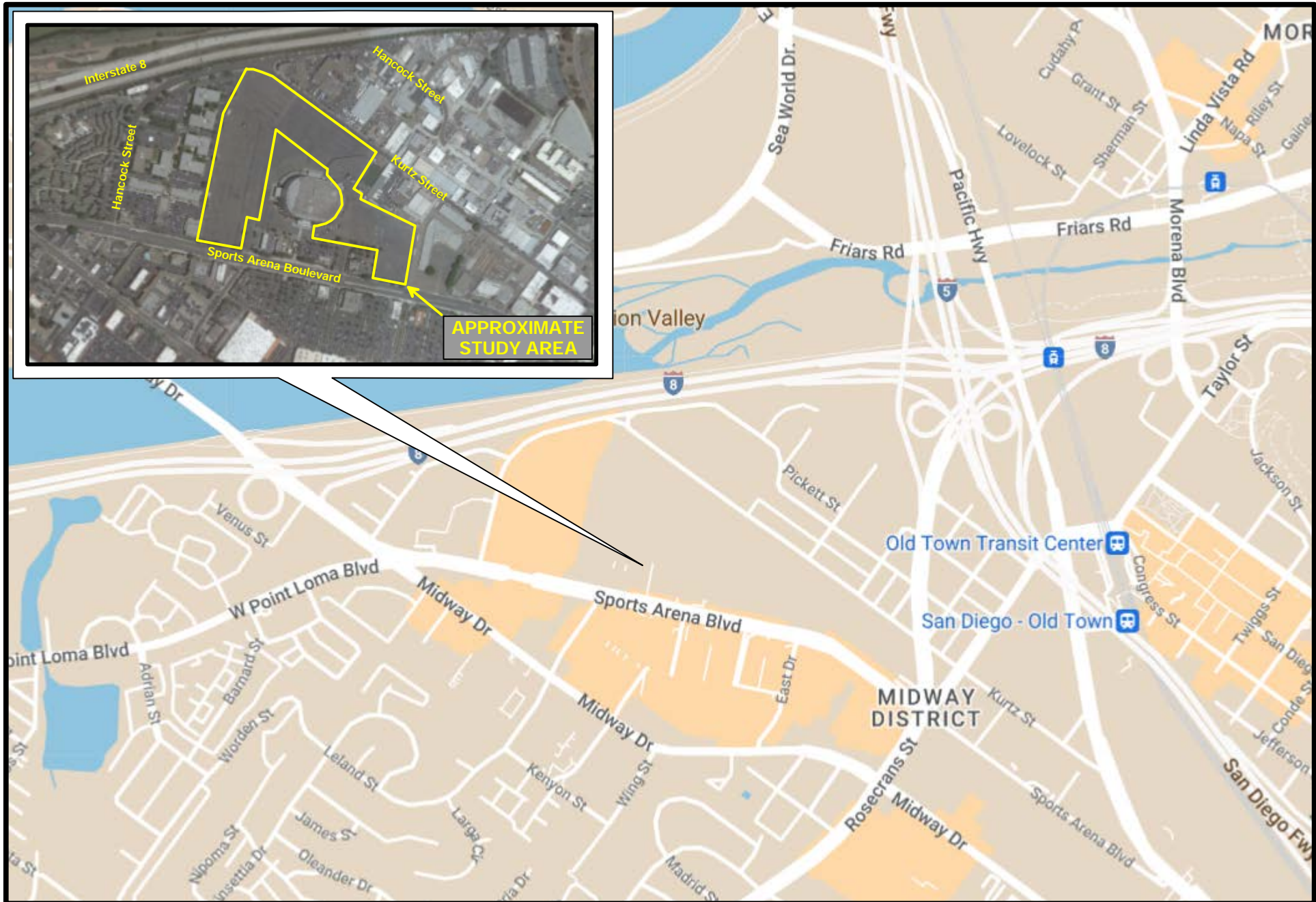


Geomar Software, Inc., 2021, TrackMaker61MK2: Version 2.09.

Jackson School of Geosciences, 2012, University of Texas at Austin, Some Useful Numbers on the Engineering Properties of Materials (Geologic and Otherwise).

Mooney, H.M., 1976, Handbook of Engineering Geophysics, dated February.

Telford, W.M., Geldart, L.P., Sheriff, R.E., and Keys, D.A., 1976, Applied Geophysics, Cambridge University Press.



SITE LOCATION MAP



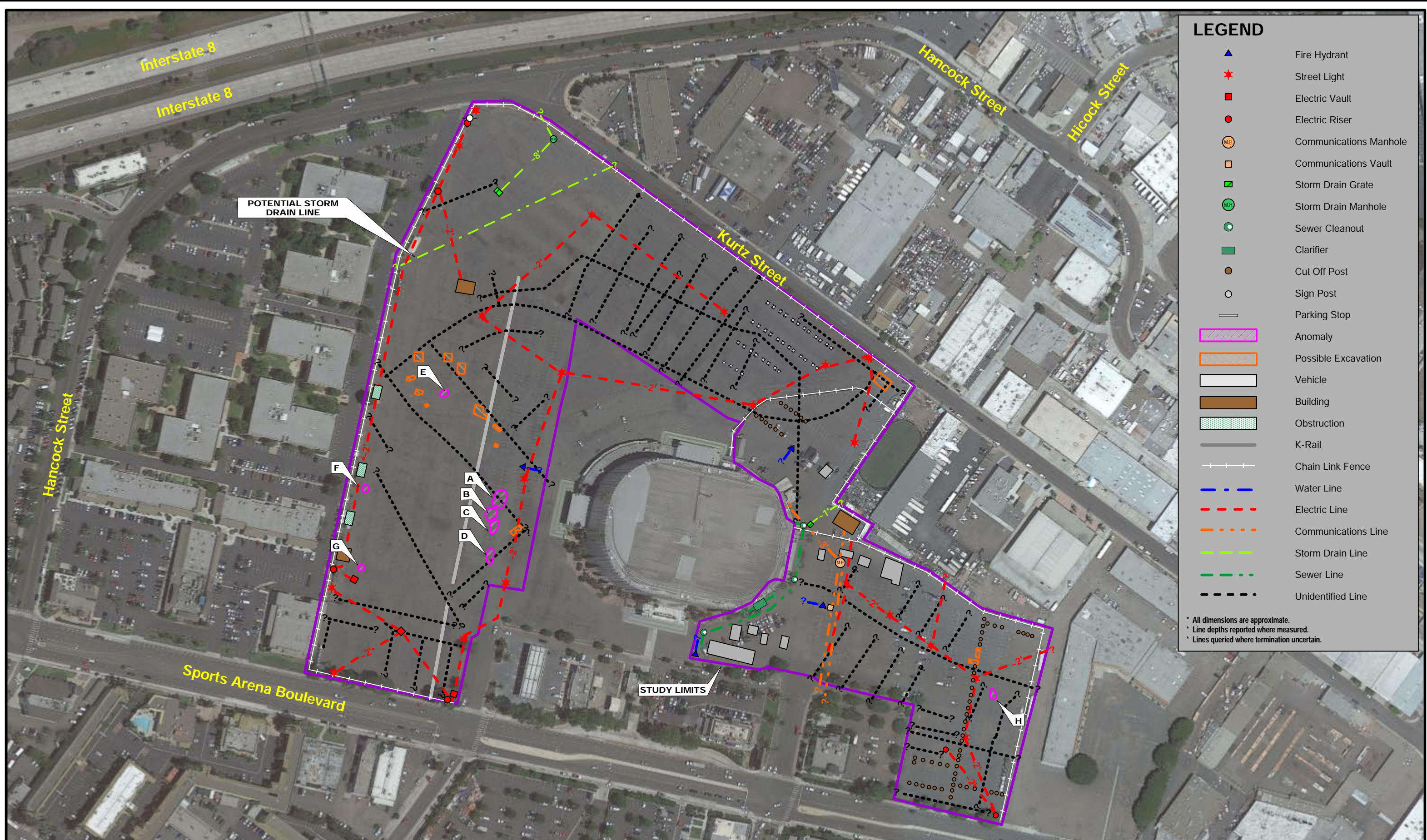
San Diego Sports Arena
San Diego, California

Project No.: 8823

Date: 07/23



Figure 1



LEGEND

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

SITE MAP



San Diego Sports Arena
 San Diego, California

Project No.: 8823

Date: 07/23



Figure 2a



approximate scale in feet



LEGEND

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

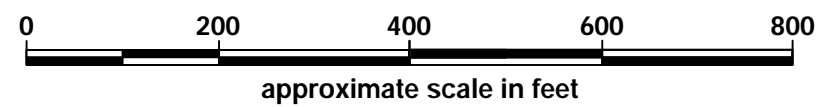
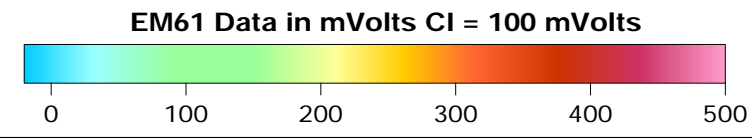
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 * Lines queried where termination uncertain.

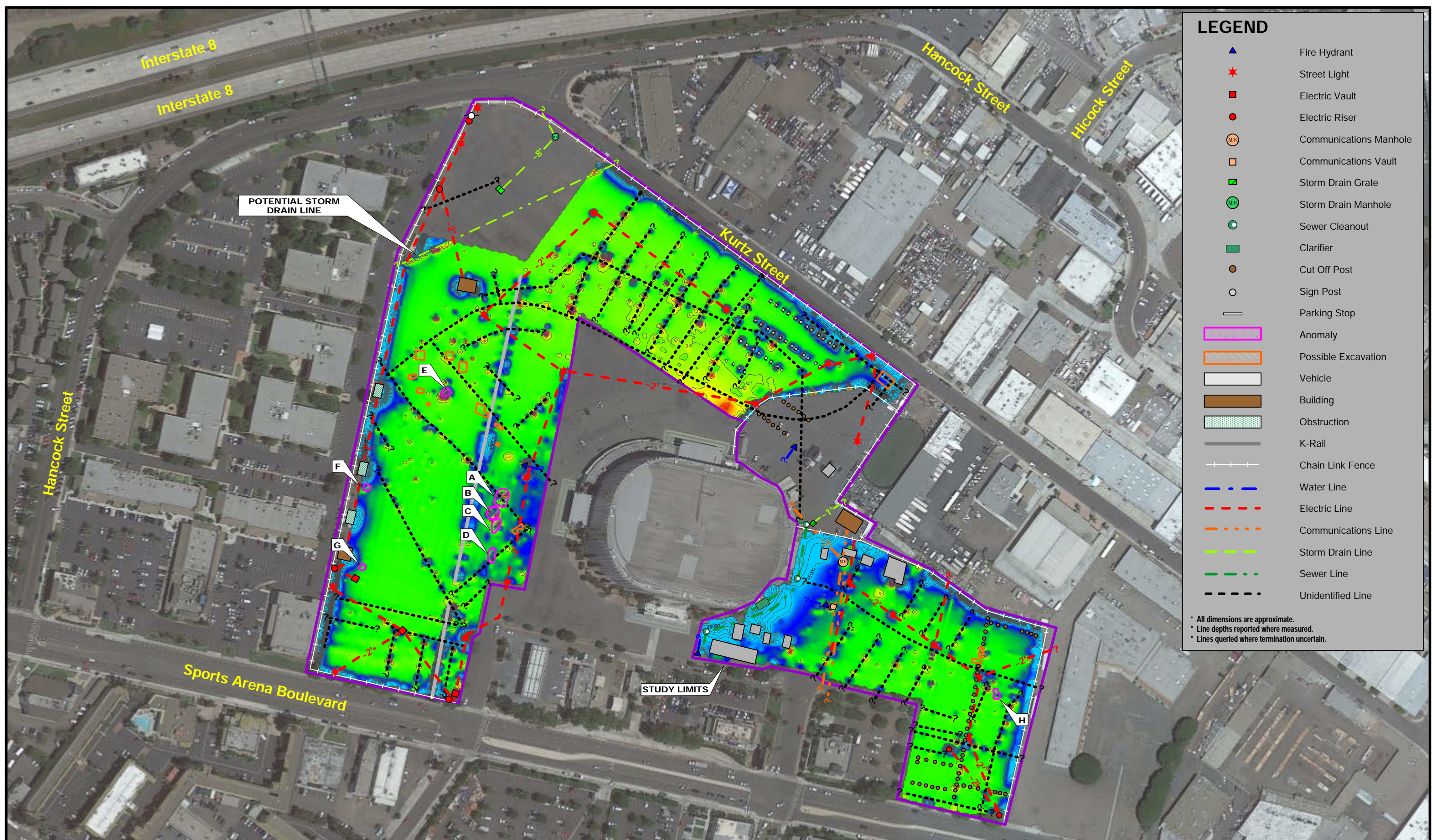
SITE DATA MAP
EM61 DATA



San Diego Sports Arena
 San Diego, California

Project No.: 8823 Date: 07/23





LEGEND

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

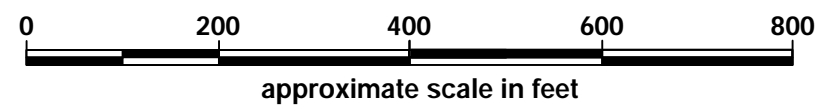
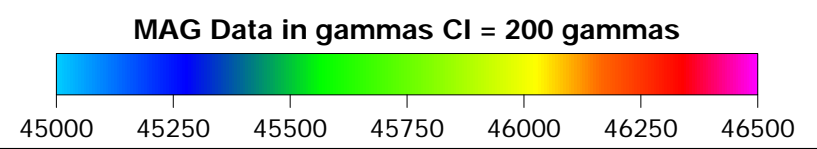
**SITE DATA MAP
MAG DATA**

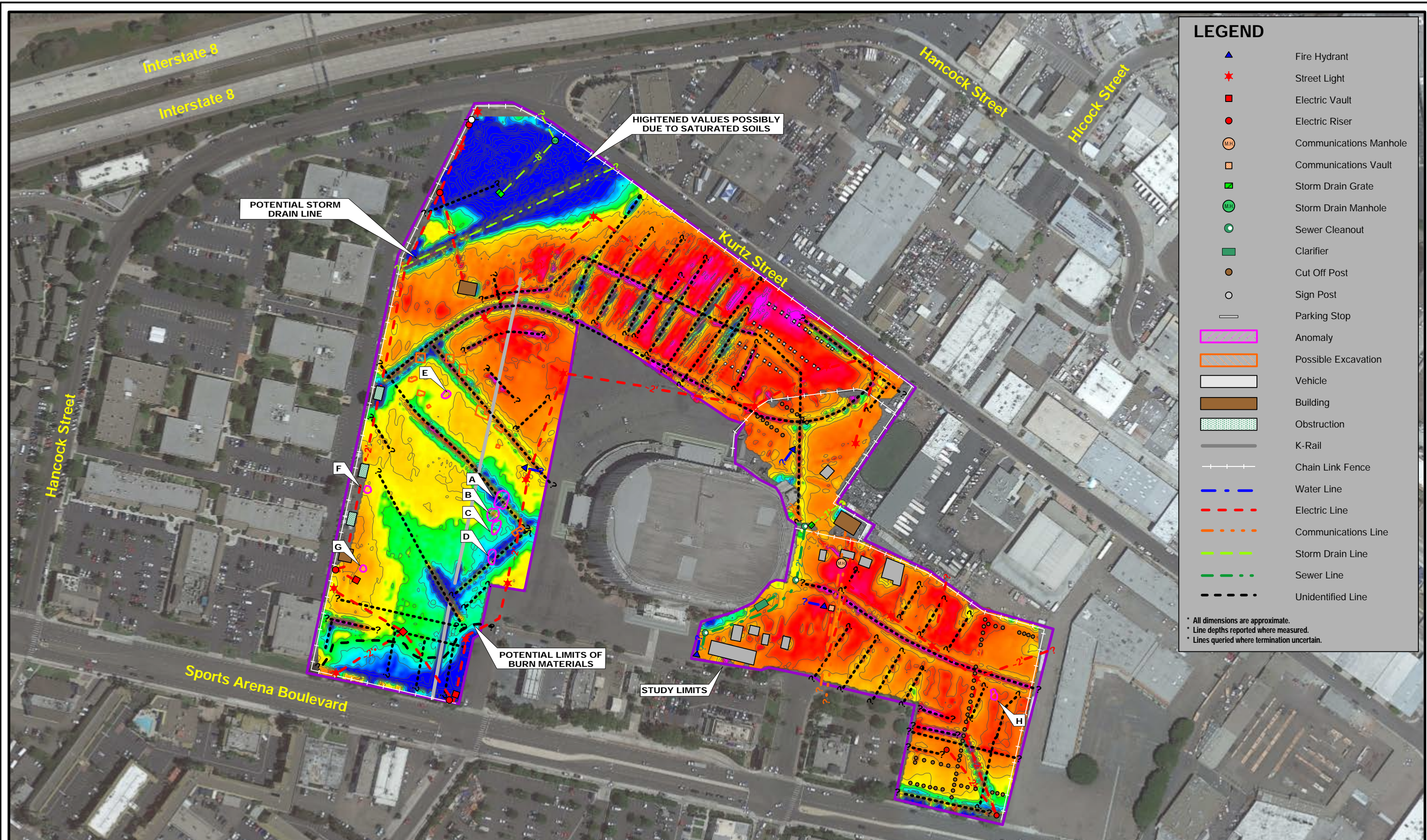


San Diego Sports Arena
San Diego, California

Project No.: 8823

Date: 07/23





LEGEND

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

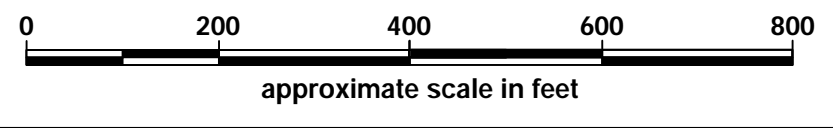
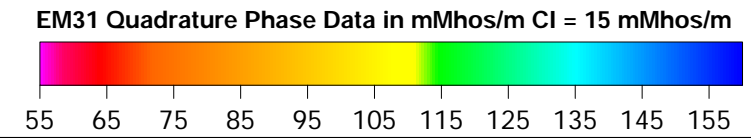
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 * Line depths reported where measured.
 * Lines queried where termination uncertain.

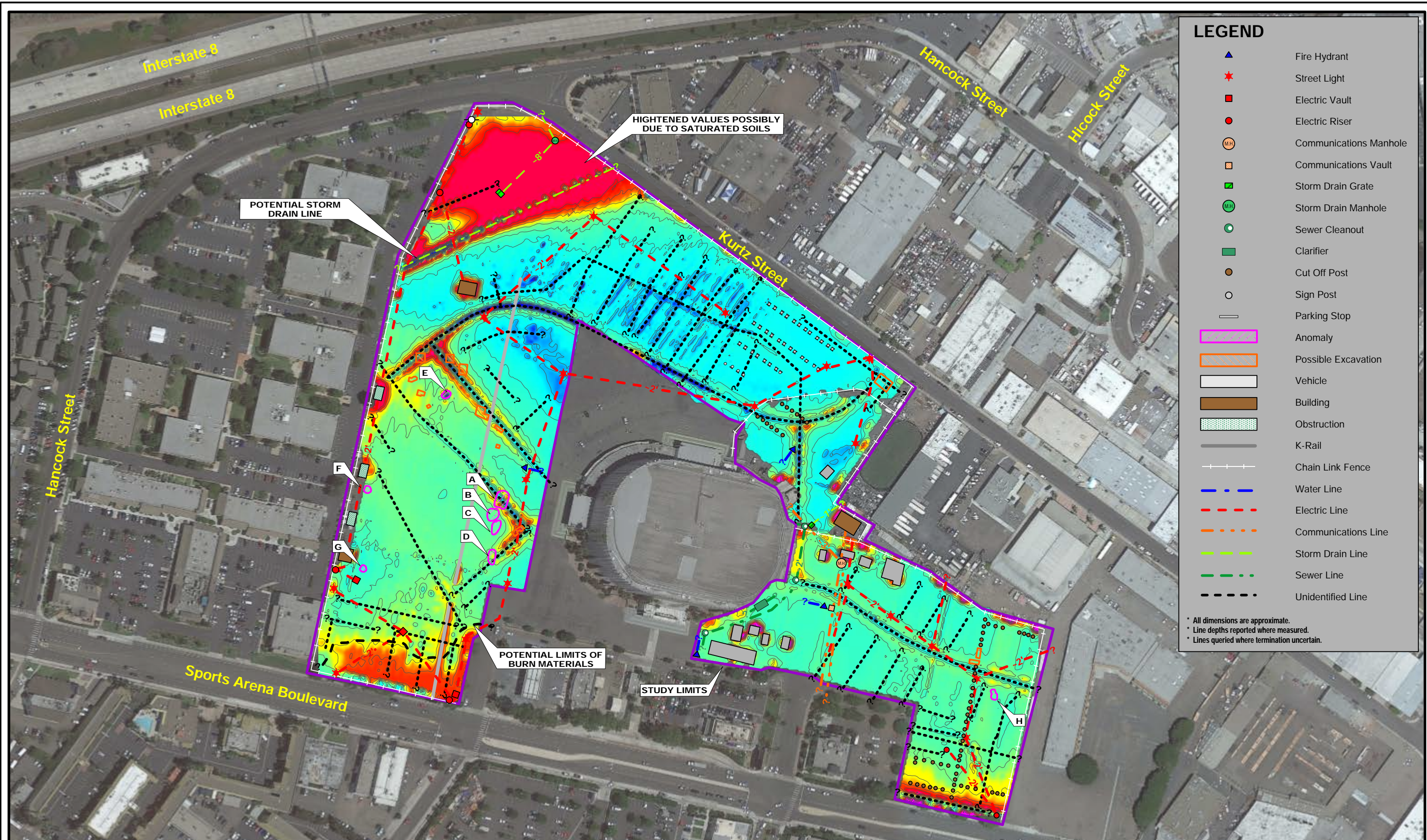
SITE DATA MAP
EM31 QUADRATURE PHASE
DATA



San Diego Sports Arena
 San Diego, California

Project No.: 8823 Date: 07/23





LEGEND

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

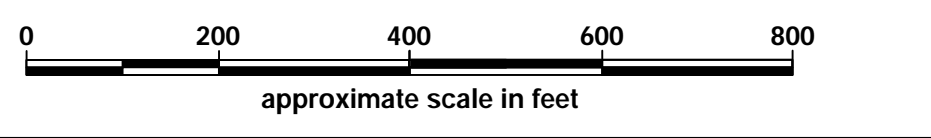
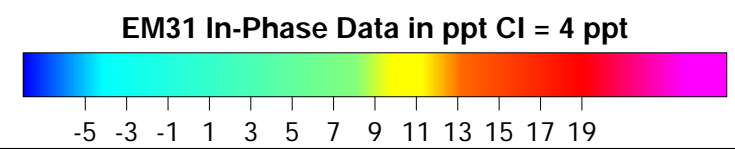
* All dimensions are approximate.
 * Line depths reported where measured.
 * Lines queried where termination uncertain.

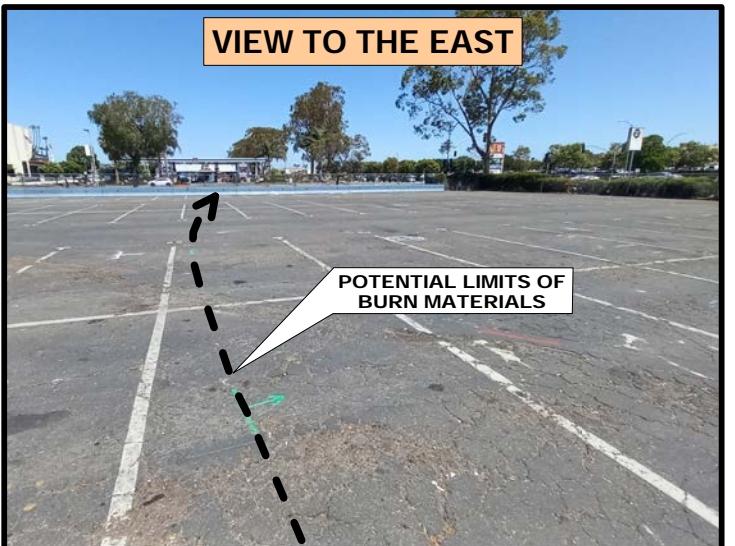
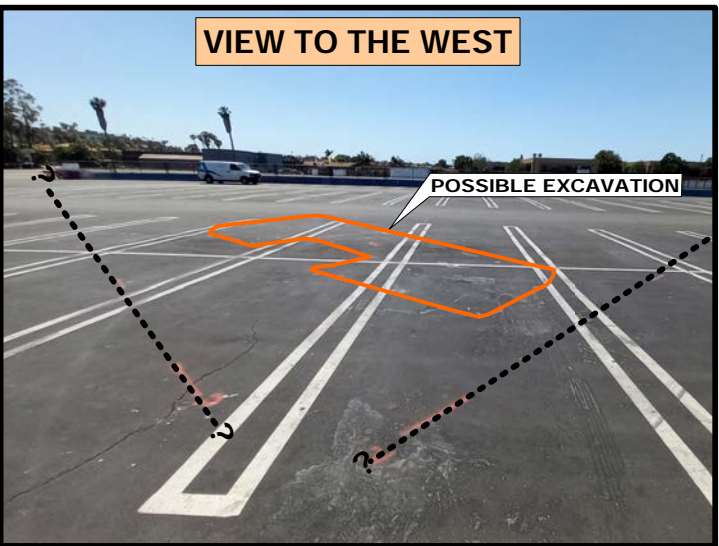
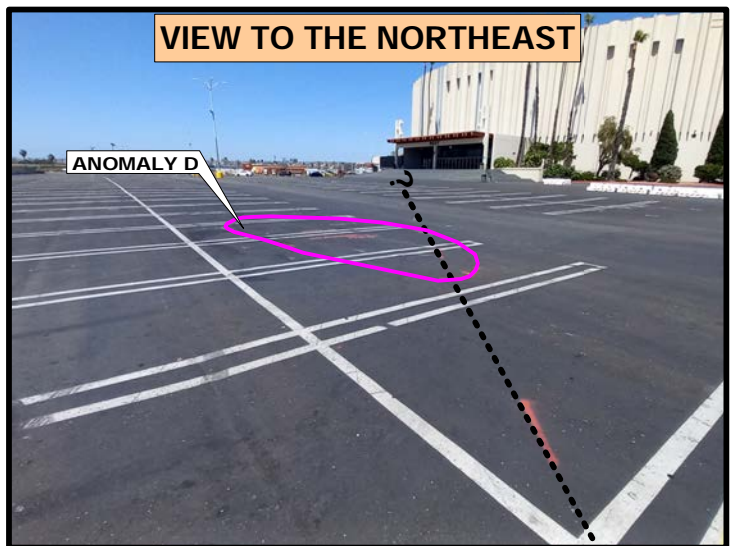
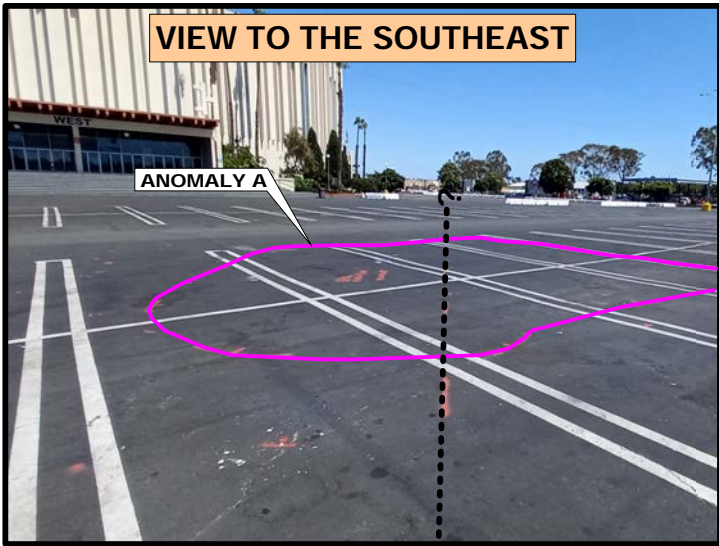
SITE DATA MAP
EM31 IN-PHASE DATA



San Diego Sports Arena
 San Diego, California

Project No.: 8823 Date: 07/23





SITE PHOTOGRAPHS

San Diego Sports Arena
San Diego, California



Figure 3

Project No.: 8823

Date: 07/23

APPENDIX B
Trench Logs

SCS ENGINEERS	TRENCH LOG	Number: T-1
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8799 Balboa Avenue, Suite 290 San Diego, California 92123-1568	Client: Midway Rising, LLC	Job No: 01213320.07	Sheet: 1 of 1
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Logged by: Chuck Houser	Location: 3220, 3240, 3250, 3350 and 3500 Sports Arena Blvd San Diego, CA	Drilling Company:
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Date Drilled:	Date Drafted: 9/21/23	Drilling / Sampling Method /	Borehole Dia.:	Total Depth: 5.0	Backfill Quantity: .
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Depth	Sample Information					Graphic Log	Description	Completion Detail	
	Sample Interval	Sample Number	PID (ppm)	Lab Results TPHg (mg/kg)	USCS Soil Class.				
0							Formation, soil type, grain, minor soil component, moisture, density, odor, etc.		
1							FILL, yellow fine-grained SAND with clay, clasts of fine sandstone.		
2	X	T-1-2'			SM				
3							Tidal flats, brown, thinly-bedded fine-grained sandy, micaceous silt, layers 1mm - 5mm +/- black layers, some cross-bedding.		
4					ML				
5							Trench terminated at 5 feet below grade.		
6									
7									
8									
9									
10									

SCS SAN DIEGO TRENCH LOG 01213320.07 TRENCH LOGS.GPJ GINT STD US.GDT 9/21/23

Logged By: <u>Chuck Houser</u>	Title: <u>Project Manager</u>	Date: _____
Reviewed By: <u>Jennifer Morton</u>	License No: <u>P.G. 8617</u>	Date: _____

SCS ENGINEERS	TRENCH LOG	Number: T-2
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8799 Balboa Avenue, Suite 290 San Diego, California 92123-1568	Client: Midway Rising, LLC	Job No: 01213320.07	Sheet: 1 of 1
Logged by: Chuck Houser	Location: 3220, 3240, 3250, 3350 and 3500 Sports Arena Blvd San Diego, CA		Drilling Company:
Date Drilled:	Date Drafted: 9/21/23	Drilling / Sampling Method /	Borehole Dia.: Total Depth: 5.0 Backfill Quantity:

Depth	Sample Information					Graphic Log	Description Formation, soil type, grain, minor soil component, moisture, density, odor, etc.	Completion Detail	
feet	Sample Interval	Sample Number	PID (ppm)	Lab Results TPHg (mg/kg)	USCS Soil Class.				
0								0	
1	X	T-2-1'			SM	[Dotted Pattern]	Dark grayish-brown, massive silty, fine-grained SAND/sandy silt with some clay.		
2									
3							Brown, thinly bedded, fine-grained sandy micaceous silt.		
4					ML	[Vertical Lines]			
5							Trench terminated at 5 feet below grade.	5	
6									
7									
8									
9									
10								10	

SCS SAN DIEGO TRENCH LOG 01213320.07 TRENCH LOGS.GPJ GINT STD US.GDT 9/21/23

Logged By: <u>Chuck Houser</u>	Title: <u>Project Manager</u>	Date: _____
Reviewed By: <u>Jennifer Morton</u>	License No: <u>P.G. 8617</u>	Date: _____

SCS ENGINEERS	TRENCH LOG	Number: T-3
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8799 Balboa Avenue, Suite 290 San Diego, California 92123-1568	Client: Midway Rising, LLC	Job No: 01213320.07	Sheet: 1 of 1
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Logged by: Chuck Houser	Location: 3220, 3240, 3250, 3350 and 3500 Sports Arena Blvd San Diego, CA	Drilling Company:
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Date Drilled:	Date Drafted: 9/21/23	Drilling / Sampling Method /	Borehole Dia.:	Total Depth: 8.0	Backfill Quantity:
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Depth feet	Sample Information					Graphic Log	Description Formation, soil type, grain, minor soil component, moisture, density, odor, etc.	Completion Detail	
	Sample Interval	Sample Number	PID (ppm)	Lab Results TPHg (mg/kg)	USCS Soil Class.				
0									
1					SM		Yellow FILL, silty, fine-grained SAND.		
2									
3	X	T-3-3'					Trash, reddish-brown SAND, abundant glass/pottery.		
4					SP				
5							Grayish-brown, native, silty, fine-grained SAND		
6	X	T-3-6'			SM				
7							Very moist.		
8							Trench terminated at 8 feet below grade.		
9									
10									

SCS SAN DIEGO TRENCH LOG 01213320.07 TRENCH LOGS.GPJ GINT STD US.GDT 9/21/23

Logged By: <u>Chuck Houser</u>	Title: <u>Project Manager</u>	Date: _____
Reviewed By: <u>Jennifer Morton</u>	License No: <u>P.G. 8617</u>	Date: _____

SCS ENGINEERS	TRENCH LOG	Number: T-4
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8799 Balboa Avenue, Suite 290 San Diego, California 92123-1568	Client: Midway Rising, LLC	Job No: 01213320.07	Sheet: 1 of 1
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Logged by: Chuck Houser	Location: 3220, 3240, 3250, 3350 and 3500 Sports Arena Blvd San Diego, CA	Drilling Company:
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Date Drilled:	Date Drafted: 9/21/23	Drilling / Sampling Method /	Borehole Dia.:	Total Depth: 6.5	Backfill Quantity: .
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Depth	Sample Information					Graphic Log	Description	Completion Detail	
	Sample Interval	Sample Number	PID (ppm)	Lab Results TPHg (mg/kg)	USCS Soil Class.			Formation, soil type, grain, minor soil component, moisture, density, odor, etc.	
0								0	
1					SM	[Dotted Pattern]	Yellow FILL, silty, fine-grained SAND.		
2									
3					SM	[Dotted Pattern]	Reddish-brown, silty, fine- to medium-grained SAND		
4	[X]	T-4-4'				[Wavy Pattern]	Trash, reddish-brown SAND, abundant glass.		
5						[Wavy Pattern]		5	
6	[X]	T-4-6.5'			SM	[Dotted Pattern]	Dark gray, silty SAND.		
7							Trench terminated at 6.5 feet below grade.		
8									
9									
10								10	

SCS SAN DIEGO TRENCH LOG 01213320.07 TRENCH LOGS.GPJ GINT STD US.GDT 9/21/23

Logged By: <u>Chuck Houser</u>	Title: <u>Project Manager</u>	Date: _____
Reviewed By: <u>Jennifer Morton</u>	License No: <u>P.G. 8617</u>	Date: _____

SCS ENGINEERS	TRENCH LOG	Number: T-5
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8799 Balboa Avenue, Suite 290 San Diego, California 92123-1568	Client: Midway Rising, LLC	Job No: 01213320.07	Sheet: 1 of 1
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Logged by: Chuck Houser	Location: 3220, 3240, 3250, 3350 and 3500 Sports Arena Blvd San Diego, CA	Drilling Company:
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Date Drilled:	Date Drafted: 9/21/23	Drilling / Sampling Method /	Borehole Dia.:	Total Depth: 6.0	Backfill Quantity: .
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Depth	Sample Information					Graphic Log	Description	Completion Detail	
	Sample Interval	Sample Number	PID (ppm)	Lab Results TPHg (mg/kg)	USCS Soil Class.				
0							Yellow FILL, silty, fine-grained SAND.	0	
1									
2	X	T-5-2.5'			SM	█	Reddish-brown, silty, fine-grained SAND.		
3									
4	X	T-5-4.5'			ML	█	Dark gray, clayey silt with roots, topsoil.		
5					SM	█	Gray, silty, fine-grained SAND, native.	5	
6							Trench terminated at 6 feet below grade.		
7									
8									
9									
10								10	

SCS SAN DIEGO TRENCH LOG 01213320.07 TRENCH LOGS.GPJ GINT STD US.GDT 9/21/23

Logged By: <u>Chuck Houser</u>	Title: <u>Project Manager</u>	Date: _____
Reviewed By: <u>Jennifer Morton</u>	License No: <u>P.G. 8617</u>	Date: _____

SCS ENGINEERS	TRENCH LOG	Number: T-6
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8799 Balboa Avenue, Suite 290 San Diego, California 92123-1568	Client: Midway Rising, LLC	Job No: 01213320.07	Sheet: 1 of 1
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Logged by: Chuck Houser	Location: 3220, 3240, 3250, 3350 and 3500 Sports Arena Blvd San Diego, CA	Drilling Company:
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Date Drilled:	Date Drafted: 9/21/23	Drilling / Sampling Method /	Borehole Dia.:	Total Depth: 5.5	Backfill Quantity: .
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Depth	Sample Information					Graphic Log	Description	Completion Detail	
	Sample Interval	Sample Number	PID (ppm)	Lab Results TPHg (mg/kg)	USCS Soil Class.			Formation, soil type, grain, minor soil component, moisture, density, odor, etc.	
0						SM	Yellow FILL, silty, fine-grained SAND.	0	
1						SM			
2						SM			
3						SM			
4	T-6-4'					Trash	Dark brown, SAND/trash/glass.		
5	T-6-5.5'					SM	Gray, silty, fine-grained SAND, native.	5	
6							Trench terminated at 5.5 feet below grade.		
7									
8									
9									
10									10

SCS SAN DIEGO TRENCH LOG 01213320.07 TRENCH LOGS.GPJ GINT STD US.GDT 9/21/23

Logged By: <u>Chuck Houser</u>	Title: <u>Project Manager</u>	Date: _____
Reviewed By: <u>Jennifer Morton</u>	License No: <u>P.G. 8617</u>	Date: _____

SCS ENGINEERS	TRENCH LOG	Number: T-7
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8799 Balboa Avenue, Suite 290 San Diego, California 92123-1568	Client: Midway Rising, LLC	Job No: 01213320.07	Sheet: 1 of 1
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Logged by: Chuck Houser	Location: 3220, 3240, 3250, 3350 and 3500 Sports Arena Blvd San Diego, CA	Drilling Company:
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Date Drilled:	Date Drafted: 9/21/23	Drilling / Sampling Method /	Borehole Dia.:	Total Depth: 5.0	Backfill Quantity: .
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Depth	Sample Information					Graphic Log	Description Formation, soil type, grain, minor soil component, moisture, density, odor, etc.	Completion Detail	
	Sample Interval	Sample Number	PID (ppm)	Lab Results TPHg (mg/kg)	USCS Soil Class.				
0							Yellow FILL, silty, fine-grained SAND.	0	
1									
2									
3	X	T-7-3'			SM		Dark brown, silty, fine-grained SAND, native with roots.		
4									
5	X	T-7-5'					Gray, silty, fine- to medium-grained SAND, native.		
6							Trench terminated at 5 feet below grade.	5	
7									
8									
9									
10								10	

SCS SAN DIEGO TRENCH LOG 01213320.07 TRENCH LOGS.GPJ GINT STD US.GDT 9/21/23

Logged By: <u>Chuck Houser</u>	Title: <u>Project Manager</u>	Date: _____
Reviewed By: <u>Jennifer Morton</u>	License No: <u>P.G. 8617</u>	Date: _____

SCS ENGINEERS	TRENCH LOG	Number: T-8
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8799 Balboa Avenue, Suite 290 San Diego, California 92123-1568	Client: Midway Rising, LLC	Job No: 01213320.07	Sheet: 1 of 1
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Logged by: Chuck Houser	Location: 3220, 3240, 3250, 3350 and 3500 Sports Arena Blvd San Diego, CA	Drilling Company:
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Date Drilled:	Date Drafted: 9/21/23	Drilling / Sampling Method /	Borehole Dia.:	Total Depth: 6.0	Backfill Quantity:
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Depth feet	Sample Information					Graphic Log	Description Formation, soil type, grain, minor soil component, moisture, density, odor, etc.	Completion Detail	
	Sample Interval	Sample Number	PID (ppm)	Lab Results TPHg (mg/kg)	USCS Soil Class.				
0							Yellow FILL, silty, fine-grained SAND.	0	
1					SM				
2									
3									
4		T-8-4'			Trash		Dark brown, poorly graded SAND, trash, glass and ceramics.		
5		T-8-5.5'			SP		Gray, silty SAND.	5	
6					CL		Dark gray, silty clay, moist.		
6							Trench terminated at 6 feet below grade.		
7									
8									
9									
10								10	

SCS SAN DIEGO TRENCH LOG 01213320.07 TRENCH LOGS.GPJ GINT STD US.GDT 9/21/23

Logged By: <u>Chuck Houser</u>	Title: <u>Project Manager</u>	Date: _____
Reviewed By: <u>Jennifer Morton</u>	License No: <u>P.G. 8617</u>	Date: _____

SCS ENGINEERS	TRENCH LOG	Number: T-9
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8799 Balboa Avenue, Suite 290 San Diego, California 92123-1568	Client: Midway Rising, LLC	Job No: 01213320.07	Sheet: 1 of 1
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Logged by: Chuck Houser	Location: 3220, 3240, 3250, 3350 and 3500 Sports Arena Blvd San Diego, CA	Drilling Company:
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Date Drilled:	Date Drafted: 9/21/23	Drilling / Sampling Method /	Borehole Dia.:	Total Depth: 6.5	Backfill Quantity: .
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Depth	Sample Information					Graphic Log	Description	Completion Detail	
	Sample Interval	Sample Number	PID (ppm)	Lab Results TPHg (mg/kg)	USCS Soil Class.				
0								0	
1							Yellow FILL, silty, fine-grained SAND.		
2					SM		Reddish-brown, yellow FILL.		
3									
4	X	T-9-4'				Trash	Dark reddish-brown waste, glass, ceramics.		
5	X	T-9-5'					Dark gray silt, micaceous, moist.	5	
6	X	T-9-6'			SM				
7							Trench terminated at 6.5 feet below grade.		
8									
9									
10								10	

SCS SAN DIEGO TRENCH LOG 01213320.07 TRENCH LOGS.GPJ GINT STD US.GDT 9/21/23

Logged By: <u>Chuck Houser</u>	Title: <u>Project Manager</u>	Date: _____
Reviewed By: <u>Jennifer Morton</u>	License No: <u>P.G. 8617</u>	Date: _____

SCS ENGINEERS	TRENCH LOG	Number: T-10
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8799 Balboa Avenue, Suite 290 San Diego, California 92123-1568	Client: Midway Rising, LLC	Job No: 01213320.07	Sheet: 1 of 1
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Logged by: Chuck Houser	Location: 3220, 3240, 3250, 3350 and 3500 Sports Arena Blvd San Diego, CA	Drilling Company:
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Date Drilled:	Date Drafted: 9/21/23	Drilling / Sampling Method /	Borehole Dia.:	Total Depth: 6.0	Backfill Quantity: .
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Depth	Sample Information					Graphic Log	Description	Completion Detail	
	Sample Interval	Sample Number	PID (ppm)	Lab Results TPHg (mg/kg)	USCS Soil Class.			Formation, soil type, grain, minor soil component, moisture, density, odor, etc.	
0								0	
1							Yellow FILL, silty, fine-grained SAND.		
2							Roots		
3	X	T-10-3.5'			SM		Roots		
4									
5								5	
6	X	T-10-6'					Gray, silty, fine-grained SAND, native.		
							Trench terminated at 6 feet below grade.		
7									
8									
9									
10								10	

SCS SAN DIEGO TRENCH LOG 01213320.07 TRENCH LOGS.GPJ GINT STD US.GDT 9/21/23

Logged By: <u>Chuck Houser</u>	Title: <u>Project Manager</u>	Date: _____
Reviewed By: <u>Jennifer Morton</u>	License No: <u>P.G. 8617</u>	Date: _____

SCS ENGINEERS	TRENCH LOG	Number: T-11
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8799 Balboa Avenue, Suite 290 San Diego, California 92123-1568	Client: Midway Rising, LLC	Job No: 01213320.07	Sheet: 1 of 1
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Logged by: Chuck Houser	Location: 3220, 3240, 3250, 3350 and 3500 Sports Arena Blvd San Diego, CA	Drilling Company:
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Date Drilled:	Date Drafted: 9/21/23	Drilling / Sampling Method /	Borehole Dia.:	Total Depth: 5.5	Backfill Quantity:
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Depth	Sample Information					Graphic Log	Description	Completion Detail	
	Sample Interval	Sample Number	PID (ppm)	Lab Results TPHg (mg/kg)	USCS Soil Class.				
0							Formation, soil type, grain, minor soil component, moisture, density, odor, etc.		
1	X	T-11-1'				SM	Brown, silty SAND.		
2	X	T-11-2'							
3	X	T-11-3'							
4	X	T-11-4'			Trash		Reddish-brown, SAND, trash, glass, cermics.		
5	X	T-11-5.5'			SM		Gray, silty SAND, native.		
6							Trench terminated at 5.5 feet below grade.		
7									
8									
9									
10									

SCS SAN DIEGO TRENCH LOG 01213320.07 TRENCH LOGS.GPJ GINT STD US.GDT 9/21/23

Logged By: <u>Chuck Houser</u>	Title: <u>Project Manager</u>	Date: _____
Reviewed By: <u>Jennifer Morton</u>	License No: <u>P.G. 8617</u>	Date: _____

SCS ENGINEERS	TRENCH LOG	Number: T-12
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8799 Balboa Avenue, Suite 290 San Diego, California 92123-1568	Client: Midway Rising, LLC	Job No: 01213320.07	Sheet: 1 of 1
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Logged by: Jennifer Morton	Location: 3220, 3240, 3250, 3350 and 3500 Sports Arena Blvd San Diego, CA	Drilling Company:
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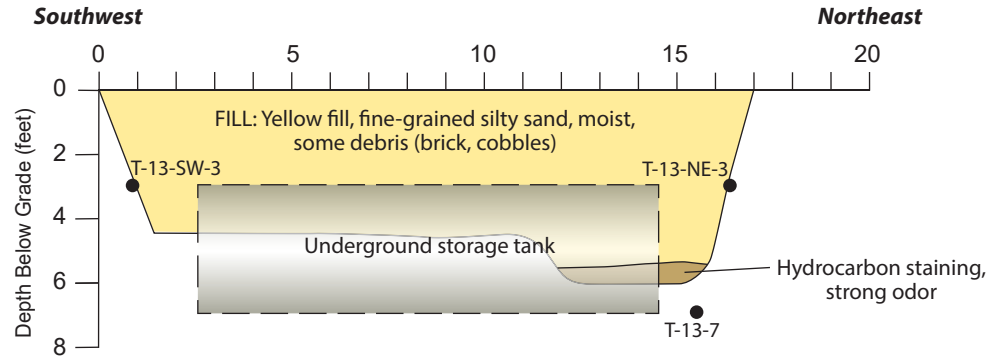
Date Drilled:	Date Drafted: 9/21/23	Drilling / Sampling Method /	Borehole Dia.:	Total Depth: 5.0	Backfill Quantity: .
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Depth	Sample Information					Graphic Log	Description	Completion Detail	
	Sample Interval	Sample Number	PID (ppm)	Lab Results TPHg (mg/kg)	USCS Soil Class.				
0							Formation, soil type, grain, minor soil component, moisture, density, odor, etc.		
1									
2	X	T-12-2'				SM	Yellow FILL, fine-grained silty SAND, moist, some plasticity.		
3							Gray, silty, fine-grained SAND, micaceous, moist.		
4									
5	X	T-12-5'					Trench terminated at 5 feet below grade.		
6									
7									
8									
9									
10									

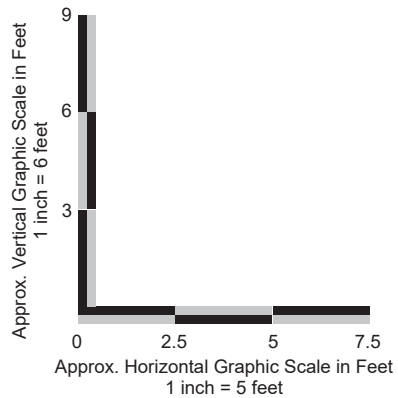
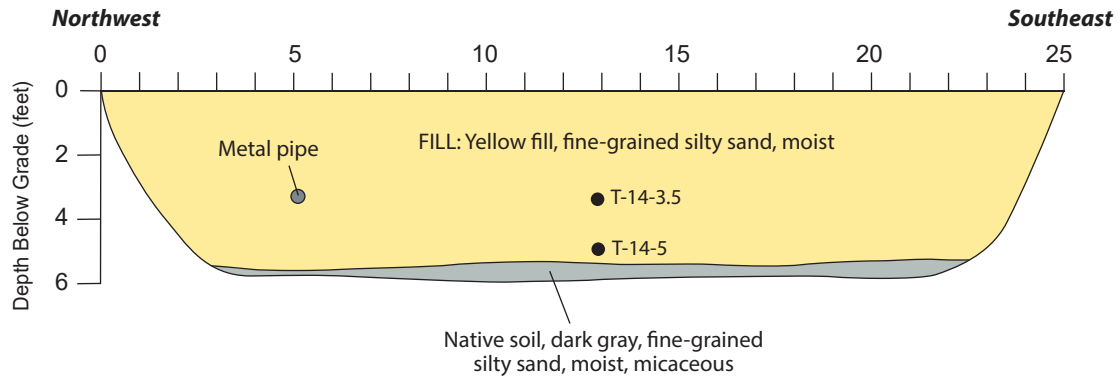
SCS SAN DIEGO TRENCH LOG 01213320.07 TRENCH LOGS.GPJ GINT STD US.GDT 9/21/23

Logged By: Jennifer Morton	Title: Project Manager	Date:
Reviewed By: Chuck Houser	License No: CHg 945	Date:

Trench T13



Trench T14



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

TRENCHES T13 AND T14

Midway Rising, LLC

Midway Rising

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

Project No.:
01213320.07

Date Drafted:
9/21/23

SCS ENGINEERS	TRENCH LOG	Number: T-15
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8799 Balboa Avenue, Suite 290 San Diego, California 92123-1568	Client: Midway Rising, LLC	Job No: 01213320.07	Sheet: 1 of 1
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Logged by: Jennifer Morton	Location: 3220, 3240, 3250, 3350 and 3500 Sports Arena Blvd San Diego, CA	Drilling Company:
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Date Drilled:	Date Drafted: 9/21/23	Drilling / Sampling Method /	Borehole Dia.:	Total Depth: 5.5	Backfill Quantity:
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Depth	Sample Information					Graphic Log	Description	Completion Detail	
	Sample Interval	Sample Number	PID (ppm)	Lab Results TPHg (mg/kg)	USCS Soil Class.			Formation, soil type, grain, minor soil component, moisture, density, odor, etc.	
0						Yellow FILL	0		
1						Concrete at 1 foot below grade. (debris?)			
2									
3	X	T-15-3.5'			SM				
4									
5	X	T-15-5'				Gray, silty, fine-grained SAND, micaceous, moist.	5		
6						Trench terminated at 5.5 feet below grade.			
7									
8									
9									
10							10		

SCS SAN DIEGO TRENCH LOG 01213320.07 TRENCH LOGS.GPJ GINT STD US.GDT 9/21/23

Logged By: Jennifer Morton	Title: Project Manager	Date:
Reviewed By: Chuck Houser	License No: CHg 945	Date:

SCS ENGINEERS	TRENCH LOG	Number: T-16
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8799 Balboa Avenue, Suite 290 San Diego, California 92123-1568	Client: Midway Rising, LLC	Job No: 01213320.07	Sheet: 1 of 1
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Logged by: Jennifer Morton	Location: 3220, 3240, 3250, 3350 and 3500 Sports Arena Blvd San Diego, CA	Drilling Company:
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Date Drilled:	Date Drafted: 9/21/23	Drilling / Sampling Method /	Borehole Dia.:	Total Depth: 6.0	Backfill Quantity:
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Depth	Sample Information					Graphic Log	Description	Completion Detail	
	Sample Interval	Sample Number	PID (ppm)	Lab Results TPHg (mg/kg)	USCS Soil Class.				
0							Formation, soil type, grain, minor soil component, moisture, density, odor, etc.		
1							Yellow FILL, silty, fine-grained SAND.		
2									
3	X	T-16-3'							
4									
5	X	T-16-5.5'							
6							Gray, fine-grained silty SAND, moist, micaceous. Trench terminated at 6 feet below grade.		
7									
8									
9									
10									

SCS SAN DIEGO TRENCH LOG 01213320.07 TRENCH LOGS.GPJ GINT STD US.GDT 9/21/23

Logged By: Jennifer Morton	Title: Project Manager	Date:
Reviewed By: Chuck Houser	License No: CHg 945	Date:

SCS ENGINEERS	TRENCH LOG	Number: T-17
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8799 Balboa Avenue, Suite 290 San Diego, California 92123-1568	Client: Midway Rising, LLC	Job No: 01213320.07	Sheet: 1 of 1
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Logged by: Chuck Houser	Location: 3220, 3240, 3250, 3350 and 3500 Sports Arena Blvd San Diego, CA	Drilling Company:
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Date Drilled:	Date Drafted: 9/21/23	Drilling / Sampling Method /	Borehole Dia.:	Total Depth: 5.0	Backfill Quantity: .
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Depth	Sample Information					Graphic Log	Description	Completion Detail
	Sample Interval	Sample Number	PID (ppm)	Lab Results TPHg (mg/kg)	USCS Soil Class.			
0						0	Yellow FILL, silty, fine-grained SAND.	
1								
2					SM			
3								
4	X	T-17-4'				4	Grayish-brown, silty, fine-grained SAND, native.	
5	X	T-17-5'			SM	5	Trench terminated at 5 feet below grade.	
6								
7								
8								
9								
10						10		

SCS SAN DIEGO TRENCH LOG 01213320.07 TRENCH LOGS.GPJ GINT STD US.GDT 9/21/23

Logged By: <u>Chuck Houser</u>	Title: <u>Project Manager</u>	Date: _____
Reviewed By: <u>Jennifer Morton</u>	License No: <u>P.G. 8617</u>	Date: _____

SCS ENGINEERS	TRENCH LOG	Number: T-18
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8799 Balboa Avenue, Suite 290 San Diego, California 92123-1568	Client: Midway Rising, LLC	Job No: 01213320.07	Sheet: 1 of 1
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Logged by: Chuck Houser	Location: 3220, 3240, 3250, 3350 and 3500 Sports Arena Blvd San Diego, CA	Drilling Company:
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Date Drilled:	Date Drafted: 9/21/23	Drilling / Sampling Method /	Borehole Dia.:	Total Depth: 4.0	Backfill Quantity: .
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Depth	Sample Information					Graphic Log	Description Formation, soil type, grain, minor soil component, moisture, density, odor, etc.	Completion Detail	
feet	Sample Interval	Sample Number	PID (ppm)	Lab Results TPHg (mg/kg)	USCS Soil Class.				
0							Yellow FILL, silty, fine-grained SAND.	0	
1	X	T-18-1.5'			SM				
2									
3									
4	X	T-18-4'			SM		Gray, silty, fine-grained SAND and dark grayish-brown clayey silt, micaceous, native.		
5							Trench terminated at 4 feet below grade.	5	
6									
7									
8									
9									
10								10	

SCS SAN DIEGO TRENCH LOG 01213320.07 TRENCH LOGS.GPJ GINT STD US.GDT 9/21/23

Logged By: <u>Chuck Houser</u>	Title: <u>Project Manager</u>	Date: _____
Reviewed By: <u>Jennifer Morton</u>	License No: <u>P.G. 8617</u>	Date: _____

SCS ENGINEERS	TRENCH LOG	Number: T-19
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8799 Balboa Avenue, Suite 290 San Diego, California 92123-1568	Client: Midway Rising, LLC	Job No: 01213320.07	Sheet: 1 of 1
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Logged by: Jennifer Morton	Location: 3220, 3240, 3250, 3350 and 3500 Sports Arena Blvd San Diego, CA	Drilling Company:
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Date Drilled:	Date Drafted: 9/21/23	Drilling / Sampling Method /	Borehole Dia.:	Total Depth: 3.0	Backfill Quantity: .
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Depth	Sample Information					Graphic Log	Description	Completion Detail	
	Sample Interval	Sample Number	PID (ppm)	Lab Results TPHg (mg/kg)	USCS Soil Class.			Formation, soil type, grain, minor soil component, moisture, density, odor, etc.	
0							0		
1						SM	Yellow FILL, silty, fine-grained SAND with cobbles.		
2	X	T-19-2.5'					1.5 inch cast iron pipe.		
3							Trench terminated at 3 feet below grade.		
4									
5									
6									
7									
8									
9									
10									

SCS SAN DIEGO TRENCH LOG 01213320.07 TRENCH LOGS.GPJ GINT STD US.GDT 9/21/23

Logged By: Jennifer Morton	Title: Project Manager	Date:
Reviewed By: Chuck Houser	License No: CHg 945	Date:

SCS ENGINEERS	TRENCH LOG	Number: T-20
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8799 Balboa Avenue, Suite 290 San Diego, California 92123-1568	Client: Midway Rising, LLC	Job No: 01213320.07	Sheet: 1 of 1
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Logged by: Jennifer Morton	Location: 3220, 3240, 3250, 3350 and 3500 Sports Arena Blvd San Diego, CA	Drilling Company:
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Date Drilled:	Date Drafted: 9/21/23	Drilling / Sampling Method /	Borehole Dia.:	Total Depth: 3.0	Backfill Quantity: .
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Depth	Sample Information					Graphic Log	Description <small>Formation, soil type, grain, minor soil component, moisture, density, odor, etc.</small>	Completion Detail	
	Sample Interval	Sample Number	PID (ppm)	Lab Results TPHg (mg/kg)	USCS Soil Class.				
0							0		
1									
2	X	T-20-2'			SM		Yellow FILL, silty, fine-grained SAND.		
3							Gas line at 3 feet below grade.		
4							Trench terminated at 3 feet below grade.		
5									
6									
7									
8									
9									
10									

SCS SAN DIEGO TRENCH LOG 01213320.07 TRENCH LOGS.GPJ GINT STD US.GDT 9/21/23

Logged By: Jennifer Morton	Title: Project Manager	Date:
Reviewed By: Chuck Houser	License No: CHg 945	Date:

SCS ENGINEERS	TRENCH LOG	Number: T-21
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8799 Balboa Avenue, Suite 290 San Diego, California 92123-1568	Client: Midway Rising, LLC	Job No: 01213320.07	Sheet: 1 of 1
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Logged by: Jennifer Morton	Location: 3220, 3240, 3250, 3350 and 3500 Sports Arena Blvd San Diego, CA	Drilling Company:
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Date Drilled:	Date Drafted: 9/21/23	Drilling / Sampling Method /	Borehole Dia.:	Total Depth: 4.5	Backfill Quantity: .
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Depth	Sample Information					Graphic Log	Description Formation, soil type, grain, minor soil component, moisture, density, odor, etc.	Completion Detail	
	Sample Interval	Sample Number	PID (ppm)	Lab Results TPHg (mg/kg)	USCS Soil Class.				
0							Yellow FILL, silty, fine-grained SAND.	0	
1					SM				
2					SM				
3	X	T-21-3'					Gray, silty, fine-grained SAND, moist, micaceous.		
4	X	T-21-4'					Trench terminated at 4.5 feet below grade.		
5								5	
6									
7									
8									
9									
10								10	

SCS SAN DIEGO TRENCH LOG 01213320.07 TRENCH LOGS.GPJ GINT STD US.GDT 9/21/23

Logged By: Jennifer Morton	Title: Project Manager	Date:
Reviewed By: Chuck Houser	License No: CHg 945	Date:

SCS ENGINEERS	TRENCH LOG	Number: T-22
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8799 Balboa Avenue, Suite 290 San Diego, California 92123-1568	Client: Midway Rising, LLC	Job No: 01213320.07	Sheet: 1 of 1
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Logged by: Jennifer Morton	Location: 3220, 3240, 3250, 3350 and 3500 Sports Arena Blvd San Diego, CA	Drilling Company:
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Date Drilled:	Date Drafted: 9/21/23	Drilling / Sampling Method /	Borehole Dia.:	Total Depth: 5.0	Backfill Quantity: .
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Depth	Sample Information					Graphic Log	Description Formation, soil type, grain, minor soil component, moisture, density, odor, etc.	Completion Detail	
	Sample Interval	Sample Number	PID (ppm)	Lab Results TPHg (mg/kg)	USCS Soil Class.				
0						SM	0		
1							Yellow FILL, silty, fine-grained SAND.		
2									
3	X	T-22-3'							
4									
5	X	T-22-5'					5		
6							6		
7							7		
8							8		
9							9		
10							10		
							Trench terminated at 5 feet below grade.		

SCS SAN DIEGO TRENCH LOG 01213320.07 TRENCH LOGS.GPJ GINT STD US.GDT 9/21/23

Logged By: Jennifer Morton	Title: Project Manager	Date:
Reviewed By: Chuck Houser	License No: CHg 945	Date:

SCS ENGINEERS	TRENCH LOG	Number: T-23
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8799 Balboa Avenue, Suite 290 San Diego, California 92123-1568	Client: Midway Rising, LLC	Job No: 01213320.07	Sheet: 1 of 1
Logged by: Jennifer Morton	Location: 3220, 3240, 3250, 3350 and 3500 Sports Arena Blvd San Diego, CA		Drilling Company:
Date Drilled:	Date Drafted: 9/21/23	Drilling / Sampling Method /	Borehole Dia.: 8.0

Depth feet	Sample Information					Graphic Log	Description Formation, soil type, grain, minor soil component, moisture, density, odor, etc.	Completion Detail
	Sample Interval	Sample Number	PID (ppm)	Lab Results TPHg (mg/kg)	USCS Soil Class.			
0								
1							Yellow FILL with debris, bottles, brick, porcelain. Chunks of sandstone, fine-grained, light gray with iron oxide staining.	
2	X	T-23-2.5'			SM			
3								
4	X	T-23-4'			SM		Burn ash at 4 feet below grade, dark gray silty SAND, rootlets.	
5							Native, dark gray silty SAND, micaceous.	
6								
7								
8	X	T-23-8'			SM		Trench terminated at 8 feet below grade.	
9								
10								

SCS SAN DIEGO TRENCH LOG 01213320.07 TRENCH LOGS.GPJ GINT STD US.GDT 9/21/23

Logged By: Jennifer Morton	Title: Project Manager	Date:
Reviewed By: Chuck Houser	License No: CHg 945	Date:

SCS ENGINEERS	TRENCH LOG	Number: T-24
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8799 Balboa Avenue, Suite 290 San Diego, California 92123-1568	Client: Midway Rising, LLC	Job No: 01213320.07	Sheet: 1 of 1
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Logged by: Jennifer Morton	Location: 3220, 3240, 3250, 3350 and 3500 Sports Arena Blvd San Diego, CA	Drilling Company:
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Date Drilled:	Date Drafted: 9/21/23	Drilling / Sampling Method /	Borehole Dia.:	Total Depth: 6.0	Backfill Quantity:
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Depth	Sample Information					Graphic Log	Description	Completion Detail	
feet	Sample Interval	Sample Number	PID (ppm)	Lab Results TPHg (mg/kg)	USCS Soil Class.			Formation, soil type, grain, minor soil component, moisture, density, odor, etc.	
0							Yellow FILL, silty, fine-grained SAND.		
1	X	T-24-1'				SM			
2	X	T-24-2'					Debrist at 2 feet below grade.		
3	X	T-24-3.5'					Becomes dark gray - burnash with debris at 3 feet below grade.		
4	X	T-24-4.5'							
5									
6	X	T-24-6'						Gray, silty, fine-grained SAND. Trench terminated at 6 feet below grade.	
7									
8									
9									
10									

SCS SAN DIEGO TRENCH LOG 01213320.07 TRENCH LOGS.GPJ GINT STD US.GDT 9/21/23


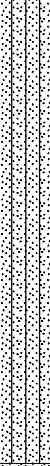

Logged By: Jennifer Morton	Title: Project Manager	Date:
Reviewed By: Chuck Houser	License No: CHg 945	Date:

SCS ENGINEERS	TRENCH LOG	Number: T-25
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8799 Balboa Avenue, Suite 290 San Diego, California 92123-1568	Client: Midway Rising, LLC	Job No: 01213320.07	Sheet: 1 of 1
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Logged by: Garrett Lepine	Location: 3220, 3240, 3250, 3350 and 3500 Sports Arena Blvd San Diego, CA	Drilling Company:
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Date Drilled:	Date Drafted: 9/21/23	Drilling / Sampling Method /	Borehole Dia.:	Total Depth: 6.5	Backfill Quantity:
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Depth	Sample Information					Graphic Log	Description <small>Formation, soil type, grain, minor soil component, moisture, density, odor, etc.</small>	Completion Detail	
	Sample Interval	Sample Number	PID (ppm)	Lab Results TPHg (mg/kg)	USCS Soil Class.				
0							0		
1					SM		Dark brown silty SAND.		
2	X	T-25-2'					Yellow FILL, silty, fine-grained SAND.		
3					SM				
4									
5					SP		5		
6	X	T-25-6.5'					Dark grayish-brown/gray brown SAND.		
7						Trench terminated at 6.5 feet below grade.			
8									
9									
10							10		

SCS SAN DIEGO TRENCH LOG 01213320.07 TRENCH LOGS.GPJ GINT STD US.GDT 9/21/23

Logged By: <u>Garrett Lepine</u>	Title: <u>Associate Professional</u>	Date: _____
Reviewed By: <u>Chuck Houser</u>	License No: <u>CHg 945</u>	Date: _____

SCS ENGINEERS	TRENCH LOG	Number: T-26
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8799 Balboa Avenue, Suite 290 San Diego, California 92123-1568	Client: Midway Rising, LLC	Job No: 01213320.07	Sheet: 1 of 1
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Logged by: Garrett Lepine	Location: 3220, 3240, 3250, 3350 and 3500 Sports Arena Blvd San Diego, CA	Drilling Company:
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Date Drilled:	Date Drafted: 9/21/23	Drilling / Sampling Method /	Borehole Dia.:	Total Depth: 8.0	Backfill Quantity:
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Depth	Sample Information					Graphic Log	Description	Completion Detail	
	Sample Interval	Sample Number	PID (ppm)	Lab Results TPHg (mg/kg)	USCS Soil Class.			Formation, soil type, grain, minor soil component, moisture, density, odor, etc.	
0							Yellow FILL, silty, fine-grained SAND.	0	
1									
2	X	T-26-2'					1-inch natural gas line.		
3					SM				
4									
5								5	
6					SP		Dark grayish-brown/gray brown SAND.		
7							Trench terminated at 6.5 feet below grade.		
8									
9									
10								10	

SCS SAN DIEGO TRENCH LOG 01213320.07 TRENCH LOGS.GPJ GINT STD US.GDT 9/21/23

Logged By: <u>Garrett Lepine</u>	Title: <u>Associate Professional</u>	Date: _____
Reviewed By: <u>Chuck Houser</u>	License No: <u>CHg 945</u>	Date: _____

SCS ENGINEERS	TRENCH LOG	Number: T-27
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8799 Balboa Avenue, Suite 290 San Diego, California 92123-1568	Client: Midway Rising, LLC	Job No: 01213320.07	Sheet: 1 of 1
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Logged by: Garrett Lepine	Location: 3220, 3240, 3250, 3350 and 3500 Sports Arena Blvd San Diego, CA	Drilling Company:
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Date Drilled:	Date Drafted: 9/21/23	Drilling / Sampling Method /	Borehole Dia.:	Total Depth: 6.0	Backfill Quantity: .
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Depth	Sample Information					Graphic Log	Description	Completion Detail	
	Sample Interval	Sample Number	PID (ppm)	Lab Results TPHg (mg/kg)	USCS Soil Class.			Formation, soil type, grain, minor soil component, moisture, density, odor, etc.	
0							0		
1	X	T-27-1.5'			SM		Yellow FILL, silty, fine-grained SAND with large cobbles.		
2									
3	X	T-27-3'				SP	Grayish-brown SAND.		
4									
5	X	T-24-5.5'					8-inch gas line, same as above.	5	
6							Trench terminated at 6 feet below grade.	6	
7									
8									
9									
10								10	

SCS SAN DIEGO TRENCH LOG 01213320.07 TRENCH LOGS.GPJ GINT STD US.GDT 9/21/23

Logged By: <u>Garrett Lepine</u>	Title: <u>Associate Professional</u>	Date: _____
Reviewed By: <u>Chuck Houser</u>	License No: <u>CHg 945</u>	Date: _____

SCS ENGINEERS	TRENCH LOG	Number: T-28
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8799 Balboa Avenue, Suite 290 San Diego, California 92123-1568	Client: Midway Rising, LLC	Job No: 01213320.07	Sheet: 1 of 1
Logged by: Garrett Lepine	Location: 3220, 3240, 3250, 3350 and 3500 Sports Arena Blvd San Diego, CA		Drilling Company:
Date Drilled:	Date Drafted: 9/21/23	Drilling / Sampling Method /	Borehole Dia.: Total Depth: 5.0 Backfill Quantity:

Depth	Sample Information					Graphic Log	Description Formation, soil type, grain, minor soil component, moisture, density, odor, etc.	Completion Detail	
feet	Sample Interval	Sample Number	PID (ppm)	Lab Results TPHg (mg/kg)	USCS Soil Class.				
0	X	T-28-0'				CL	Below asphalt, reinforced concrete slab. Brown silty clay.		
1									
2	X	T-28-2.5'							
3	X	T-28-3'				SM	Asphalt layer. Yellow FILL, silty, fine-grained SAND with medium cobbles.		
4	X	T-28-4.5'							
5						SP	Grayish-brown SAND.		
5							Trench terminated at 5 feet below grade.		
6									
7									
8									
9									
10									

SCS SAN DIEGO TRENCH LOG 01213320.07 TRENCH LOGS.GPJ GINT STD US.GDT 9/21/23

Logged By: <u>Garrett Lepine</u>	Title: <u>Associate Professional</u>	Date: _____
Reviewed By: <u>Chuck Houser</u>	License No: <u>CHg 945</u>	Date: _____

SCS ENGINEERS	TRENCH LOG	Number: T-29
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8799 Balboa Avenue, Suite 290 San Diego, California 92123-1568	Client: Midway Rising, LLC	Job No: 01213320.07	Sheet: 1 of 1
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Logged by: Garrett Lepine	Location: 3220, 3240, 3250, 3350 and 3500 Sports Arena Blvd San Diego, CA	Drilling Company:
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Date Drilled:	Date Drafted: 9/21/23	Drilling / Sampling Method /	Borehole Dia.:	Total Depth: 5.0	Backfill Quantity: .
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Depth	Sample Information					Graphic Log	Description	Completion Detail	
	Sample Interval	Sample Number	PID (ppm)	Lab Results TPHg (mg/kg)	USCS Soil Class.			Formation, soil type, grain, minor soil component, moisture, density, odor, etc.	
0						0	Reddish-brown FILL, silty, fine-grained SAND.		
1							Yellow FILL, silty, fine-grained SAND.		
2					SM		Asphalt layer.		
3							Yellowish-gray silty SAND.		
4	X	T-29-4'					Grayish-brown SAND.		
5					SM		Trench terminated at 5 feet below grade.	5	
6									
7									
8									
9									
10									10

SCS SAN DIEGO TRENCH LOG 01213320.07 TRENCH LOGS.GPJ GINT STD US.GDT 9/21/23

Logged By: <u>Garrett Lepine</u>	Title: <u>Associate Professional</u>	Date: _____
Reviewed By: <u>Chuck Houser</u>	License No: <u>CHg 945</u>	Date: _____

SCS ENGINEERS	TRENCH LOG	Number: T-30
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8799 Balboa Avenue, Suite 290 San Diego, California 92123-1568	Client: Midway Rising, LLC	Job No: 01213320.07	Sheet: 1 of 1
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Logged by: Garrett Lepine	Location: 3220, 3240, 3250, 3350 and 3500 Sports Arena Blvd San Diego, CA	Drilling Company:
------------------------------	--	-------------------

Date Drilled:	Date Drafted: 9/21/23	Drilling / Sampling Method /	Borehole Dia.:	Total Depth: 5.0	Backfill Quantity: .
---------------	--------------------------	---------------------------------	----------------	---------------------	-------------------------

Depth	Sample Information					Graphic Log	Description Formation, soil type, grain, minor soil component, moisture, density, odor, etc.	Completion Detail	
feet	Sample Interval	Sample Number	PID (ppm)	Lab Results TPHg (mg/kg)	USCS Soil Class.				
0								0	
1							Yellow FILL, silty, fine-grained SAND.		
2	X	T-30-2.5'			SM		Yellow FILL, silty, fine-grained SAND with medium cobbles		
3	X	T-30-3.5'							
4							Grayish-brown SAND.		
5					SP				
5							Trench terminated at 5 feet below grade.	5	
6									
7									
8									
9									
10								10	

SCS SAN DIEGO TRENCH LOG 01213320.07 TRENCH LOGS.GPJ GINT STD US.GDT 9/21/23

Logged By: <u>Garrett Lepine</u>	Title: <u>Associate Professional</u>	Date: _____
Reviewed By: <u>Chuck Houser</u>	License No: <u>CHg 945</u>	Date: _____

SCS ENGINEERS	TRENCH LOG	Number: T-31
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8799 Balboa Avenue, Suite 290 San Diego, California 92123-1568	Client: Midway Rising, LLC	Job No: 01213320.07	Sheet: 1 of 1
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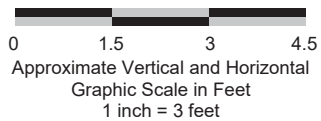
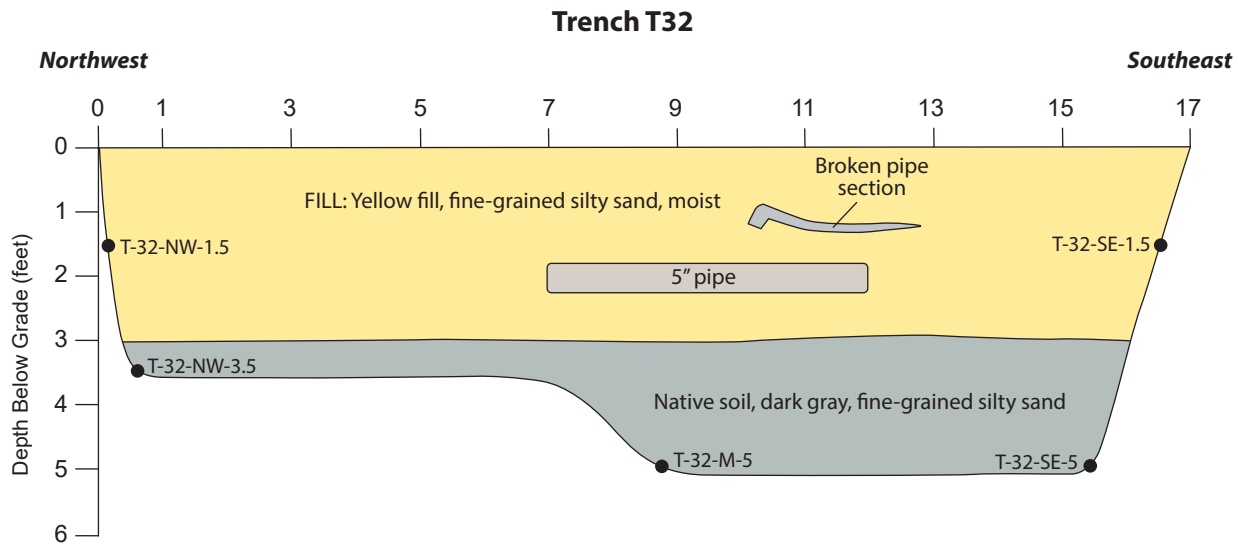
Logged by: Garrett Lepine	Location: 3220, 3240, 3250, 3350 and 3500 Sports Arena Blvd San Diego, CA	Drilling Company:
------------------------------	--	-------------------

Date Drilled:	Date Drafted: 9/21/23	Drilling / Sampling Method /	Borehole Dia.:	Total Depth: 5.0	Backfill Quantity: .
---------------	--------------------------	---------------------------------	----------------	---------------------	-------------------------

Depth	Sample Information					Graphic Log	Description <small>Formation, soil type, grain, minor soil component, moisture, density, odor, etc.</small>	Completion Detail	
	Sample Interval	Sample Number	PID (ppm)	Lab Results TPHg (mg/kg)	USCS Soil Class.				
0							Yellow FILL, silty, fine-grained SAND.	0	
1									
2	X	T-30-2.5'			SM	[stippled pattern]	Grayish-yellow silty SAND.		
3									
4	X	T-30-4'			SP	[stippled pattern]	Grayish-brown SAND, very dry.		
5							Trench terminated at 5 feet below grade.	5	
6									
7									
8									
9									
10									10

SCS SAN DIEGO TRENCH LOG 01213320.07 TRENCH LOGS.GPJ GINT STD US.GDT 9/21/23

Logged By: <u>Garrett Lepine</u>	Title: <u>Associate Professional</u>	Date: _____
Reviewed By: <u>Chuck Houser</u>	License No: <u>CHg 945</u>	Date: _____



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

TRENCH T32 Midway Rising, LLC

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

Project No.:
01213320.07

Date Drafted:
9/21/23

APPENDIX C
Laboratory Analytical Reports



ENTHALPY
ANALYTICAL

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

enthalpy.com

Lab Job Number: 487410
Report Level: II
Report Date: 06/30/2023

Analytical Report *prepared for:*

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

Location: Sports Arena

Authorized for release by:

Ranjit K Clarke, Client Services Manager
(714) 771-9906
Ranjit.Clarke@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

Sample Summary

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

Lab Job #: 487410
Location: Sports Arena
Date Received: 06/23/23

Sample ID	Lab ID	Collected	Matrix
T-1~2'	487410-001	06/23/23 08:30	Soil
T-2~1'	487410-002	06/23/23 09:30	Soil

Case Narrative

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

Lab Job Number: 487410
Location: Sports Arena
Date Received: 06/23/23

This data package contains sample and QC results for two soil samples, requested for the above referenced project on 06/23/23. The samples were received cold and intact.

TPH-Extractables by GC (EPA 8015B):

- T-2~1' (lab # 487410-002) was diluted due to the dark color of the sample extract.
- No other analytical problems were encountered.

Metals (EPA 6010B):

No analytical problems were encountered.



ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 407410
Page: of

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 Water SD = Sediment
PP = Pure Product SEA = Sea Water
SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:
1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:
(lab use only)

CUSTOMER INFORMATION

Company: SCS Engineer
Report To: Chuck Houser
Email: chouser@scsengineers.com
Address:
Phone: 858-805-5523
Fax:

PROJECT INFORMATION

Name: ~~Chuck Houser~~
Number: Sports Areas
P.O. #: 01213320.07
Address:
Global ID:
Sampled By: C. Houser

Analysis Request

TAX EXT 8015B
LEAD 6010

Test Instructions / Comments

Send report to
C. Houser
chouser@scsengineers.com
AND
Garrett Lapine
glepine@scsengineers.com

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request	Test Instructions / Comments
1 T-1 ~ 2'	6/23/23	0830	Soil	Bag Tar Chill	X		
2 T-2 ~ 1'	6/23/23	0930	Soil	Bag Tar Chill	X		
3							
4							
5							
6							
7							
8							
9							
10							

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		Chuck Houser	SCS Engineers	6/23/23 12:05
¹ Received By:		Garrett Mike	EA-SD	6/23/23 1205
² Relinquished By:		Michael Tanwongto	EA-SD	6/23/23 1:45SD
² Received By:		Derek Padilla	EA	6/23/23 1450
³ Relinquished By:		Derek Padilla	EA	6/23/23 1820
³ Received By:		Katherine Noh	EA	6/23/23 1820



ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1
 Client: SCS Engineers Project: Sports Arena
 Date Received: 6/23/23 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: 28 #2: _____ #3: _____ #4: _____

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

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: [Signature] Date: 6/23/23

Analysis Results for 487410

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

Lab Job #: 487410
 Location: Sports Arena
 Date Received: 06/23/23

Sample ID: T-1~2'	Lab ID: 487410-001	Collected: 06/23/23 08:30
	Matrix: Soil	

487410-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B									
Prep Method: EPA 3050B									
Lead	1.2		mg/Kg	1.0	1	316983	06/26/23	06/27/23	SBW
Method: EPA 8015B									
Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	10	1	317165	06/28/23	06/28/23	SME
TPH (C13-C22)	ND		mg/Kg	10	1	317165	06/28/23	06/28/23	SME
TPH (C23-C44)	ND		mg/Kg	50	1	317165	06/28/23	06/28/23	SME
Surrogates	Limits								
n-Triacontane	93%		%REC	70-130	1	317165	06/28/23	06/28/23	SME

Sample ID: T-2~1'	Lab ID: 487410-002	Collected: 06/23/23 09:30
	Matrix: Soil	

487410-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B									
Prep Method: EPA 3050B									
Lead	8.6		mg/Kg	0.95	0.95	316983	06/26/23	06/27/23	SBW
Method: EPA 8015B									
Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	20	2	317165	06/28/23	06/28/23	SME
TPH (C13-C22)	ND		mg/Kg	20	2	317165	06/28/23	06/28/23	SME
TPH (C23-C44)	270		mg/Kg	100	2	317165	06/28/23	06/28/23	SME
Surrogates	Limits								
n-Triacontane	74%		%REC	70-130	2	317165	06/28/23	06/28/23	SME

ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1076018	Batch: 316983
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1076018 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Lead	ND		mg/Kg	1.0	06/26/23	06/27/23

Type: Lab Control Sample	Lab ID: QC1076019	Batch: 316983
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1076019 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Lead	87.24	100.0	mg/Kg	87%		80-120

Type: Matrix Spike	Lab ID: QC1076022	Batch: 316983
Matrix (Source ID): Soil (487340-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1076022 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Lead	79.55	1.339	95.24	mg/Kg	82%		75-125	0.95

Type: Matrix Spike Duplicate	Lab ID: QC1076023	Batch: 316983
Matrix (Source ID): Soil (487340-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1076023 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Lead	82.37	1.339	95.24	mg/Kg	85%		75-125	3	20	0.95

Type: Post Digest Spike	Lab ID: QC1076043	Batch: 316983
Matrix (Source ID): Soil (487340-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1076043 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Lead	88.42	1.339	95.24	mg/Kg	91%		75-125	0.95

Type: Blank	Lab ID: QC1076597	Batch: 317165
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 3580M

QC1076597 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH (C6-C12)	ND		mg/Kg	10	06/28/23	06/28/23
TPH (C13-C22)	ND		mg/Kg	10	06/28/23	06/28/23
TPH (C23-C44)	ND		mg/Kg	50	06/28/23	06/28/23
Surrogates				Limits		
n-Triacontane	91%		%REC	70-130	06/28/23	06/28/23

Batch QC

Type: Lab Control Sample	Lab ID: QC1076598	Batch: 317165
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 3580M

QC1076598 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	255.5	248.4	mg/Kg	103%		76-122
Surrogates						
n-Triacontane	8.791	9.935	mg/Kg	88%		70-130

Type: Matrix Spike	Lab ID: QC1076599	Batch: 317165
Matrix (Source ID): Soil (487444-010)	Method: EPA 8015B	Prep Method: EPA 3580M

QC1076599 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	256.0	2.585	250.0	mg/Kg	101%		62-126	1
Surrogates								
n-Triacontane	9.094		10.00	mg/Kg	91%		70-130	1

Type: Matrix Spike Duplicate	Lab ID: QC1076600	Batch: 317165
Matrix (Source ID): Soil (487444-010)	Method: EPA 8015B	Prep Method: EPA 3580M

QC1076600 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	251.3	2.585	250.0	mg/Kg	99%		62-126	2	35	1
Surrogates										
n-Triacontane	9.090		10.00	mg/Kg	91%		70-130			1

ND Not Detected



ENTHALPY
ANALYTICAL

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

enthalpy.com

Lab Job Number: 487499
Report Level: II
Report Date: 07/07/2023

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:

Ranjit K Clarke, Client Services Manager
(714) 771-9906
Ranjit.Clarke@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

Sample Summary

Chuck Houser SCS Engineers 8799 Balboa #290 San Diego, CA 92123	Lab Job #: 487499 Project No: MIDWAY RISING Location: Sports Arena - Revised Report Date Received: 06/26/23
--	--

Sample ID	Lab ID	Collected	Matrix
T-3 3'	487499-001	06/26/23 07:35	Soil
T-3 6'	487499-002	06/26/23 07:40	Soil
T-4 4'	487499-003	06/26/23 08:40	Soil
T-4 6.5'	487499-004	06/26/23 08:45	Soil
T-5 2.5'	487499-005	06/26/23 09:15	Soil
T-5 4.5'	487499-006	06/26/23 09:20	Soil
T-6 4'	487499-007	06/26/23 09:45	Soil
T-6 5.5'	487499-008	06/26/23 09:47	Soil
T-7 3'	487499-009	06/26/23 09:55	Soil
T-7 5'	487499-010	06/26/23 09:58	Soil
T-8 4'	487499-011	06/26/23 11:00	Soil
T-8 5.5'	487499-012	06/26/23 11:02	Soil
T-9 4'	487499-013	06/26/23 11:27	Soil
T-9 5'	487499-014	06/26/23 11:30	Soil
T-9 6'	487499-015	06/26/23 11:34	Soil
T-10 3.5'	487499-016	06/26/23 12:01	Soil
T-10 6'	487499-017	06/26/23 11:58	Soil
T-11-1'	487499-018	06/26/23 12:22	Soil
T-11-2'	487499-019	06/26/23 12:23	Soil
T-11-3'	487499-020	06/26/23 12:24	Soil
T-11-4'	487499-021	06/26/23 12:24	Soil
T-11-5.5'	487499-022	06/26/23 12:30	Soil

Case Narrative

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

Lab Job Number: 487499
Project No: MIDWAY RISING
Location: Sports Arena - Revised Report
Date Received: 06/26/23

- This data package contains sample and QC results for twenty two soil samples, requested for the above referenced project on 06/26/23. The samples were received cold and intact.
- Revised Report - The report was revised to include change order analyses.

TPH-Extractables by GC (EPA 8015B):

- Low recoveries were observed for diesel C10-C28 in the MS/MSD for batch 317220; the parent sample was not a project sample, the LCS was within limits, the associated RPD was within limits, and these low recoveries were not associated with any reported results.
- T-11-4' (lab # 487499-021) was diluted due to the dark color of the sample extract.
- No other analytical problems were encountered.

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

No analytical problems were encountered.

Semivolatile Organics by GC/MS (EPA 8270C):

- T-3 3' (lab # 487499-001) and T-11-4' (lab # 487499-021) were diluted due to the dark color of the sample extracts.
- No other analytical problems were encountered.

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

- Low recoveries were observed for many analytes in the MS/MSD of T-3 3' (lab # 487499-001); the LCS was within limits, and the associated RPDs were within limits. High recovery was observed for copper in the MSD of T-3 3' (lab # 487499-001); the LCS was within limits, and the associated RPD was within limits.
- Low recovery was observed for selenium in the post digest spike of T-3 3' (lab # 487499-001); the LCS was within limits.
- Low recoveries were observed for many analytes in the MS/MSD for batch 317212; the parent sample was not a project sample, the LCS was within limits, and the associated RPDs were within limits.
- No other analytical problems were encountered.



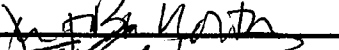


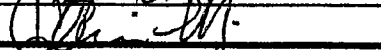


Metals (EPA 6010B) TCLP Leachate:

- Sample T-4 4' was not reported for TCLP analysis since there was not enough sample (per method requirements) to perform the analysis.
- No analytical problems were encountered.

Metals (EPA 6010B) WET Leachate:


No analytical problems were encountered.

10/3

 ENTHALPY ANALYTICAL		Chain of Custody Record			Turn Around Time (rush by advanced notice only)				
		Lab No: 487499	Page: _____ of _____		Standard:	5 Day:	3 Day:	<input checked="" type="checkbox"/>	
Enthalpy Analytical - Orange 931 W. Barkley Avenue, Orange, CA 92868 Phone 714-771-6900		Matrix: A = Air S = Soil/Solld W = Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other			2 Day:	1 Day:	Custom TAT:		
CUSTOMER INFORMATION		PROJECT INFORMATION			Analysis Request			Test Instructions / Comments	
Company:	SCS Engineers	Name:	Sports Arena		T-4 22 Metals TPH, oct. Total Lead	Report to: Chuck Houser chouser@scsengineers.com Garrett Levine glevine@scsengineers.com b.v 314			
Report To:	Chuck Houser	Number:							
Email:	chouser@scsengineers.com	P.O. #:	01213320.07						
Address:		Address:							
Phone:	(858) 805-5523	Global ID:							
Fax:		Sampled By:	C. Houser						
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.				
1	T-3 3'	6/26/23	07:35	Soil	Boz Glass Jar	Chill	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
2	T-3 6'		07:40				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
3	T-4 4'		08:40				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
4	T-4 6.5'		08:45				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
5	T-5 2.5'		0915				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
6	T-5 4.5'		0920				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
7	T-6 4'		0945				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
8	T-6 5.5'		0947				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
9	T-7 3'		0955				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
10	T-7 5'		0958				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	Signature	Print Name		Company / Title		Date / Time			
1		Chuck Houser		SCS		6/26/23 / 1:25 PM			
2		Jennifer Bamel		SCS		6/26/23 1:25			
2		TAYLOR NASH		EA-SD		6/26/23 1325			
2		TAYLOR NASH		EA-SD		6/26/23 1400			
3		TAYLOR NASH		EA-SD		6/26/23 1415			
3		Chris Montoya		EA-SD		6/26/23 1415			
3		Chris Montoya		EA-SD		6/26/23 1530			

Amaleem Suddum
 6/26/23 1700
 EA
 6-26-23 1700
 EA
 6-26-23 1530
 EA
 6-26-23 1530


2 of 3

 ENTHALPY ANALYTICAL			Chain of Custody Record				Turn Around Time (rush by advanced notice only)					
			Lab No: 487499	Page:	of	Standard:	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 Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other				Preservatives: 1 = Na ₂ S ₂ O ₃ 2 = HCl 3 = HNO ₃ 4 = H ₂ SO ₄ 5 = NaOH 6 = Other		Sample Receipt Temp: / (lab use only)			
CUSTOMER INFORMATION			PROJECT INFORMATION				Analysis Request				Test Instructions / Comments	
Company:	SCS Engineers		Name:	Sports Arena			Title 22 Metals TPH ext Total Lead					Report to: Chuck Houser chouser@scsengineers.com Garrett Lepine glepine@scsengineers.com <div style="font-size: 2em; font-weight: bold;">6.073.4</div>
Report To:	Chuck Houser		Number:									
Email:	chouser@scsengineers.com		P.O. #:	01213320.07								
Address:			Address:									
Phone:	(858) 805-5523		Global ID:									
Fax:			Sampled By:	C. Houser								
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.							
1	T-8 4'	6/26/23	1100	Soil	Bogloss Jar	Chill	X	X				
2	T-8 5.5'		1102						X			
3	T-9 4'		1127				X	X				
4	T-9 5'		1130				X	X				
5	T-9 6'		1134					X	X			
6	T-10 3.5'		1201					X	X			
7	T-10 6'		1158					X	X			
8	T-11 - 1'		1222									
9	T-11 - 2'		1223									
10	T-11 - 3'		1224									
	Signature	Print Name	Company / Title	Date / Time								
¹ Relinquished By:	<i>[Signature]</i>	Chuck Houser	SCS	6/26/23 1:25								
¹ Received By:	<i>[Signature]</i>	Jennifer Bauer	SCS	6/26/23 1:25								
² Relinquished By:	<i>[Signature]</i>	TAYLOR NASH	EA-SD	6/26/23 1325								
² Received By:	<i>[Signature]</i>	TAYLOR NASH	EA-SD	6/26/23 1400								
³ Relinquished By:	<i>[Signature]</i>	TAYLOR NASH	EA-SD	6/26/23 1415								
³ Received By:	<i>[Signature]</i>	Chris Montoya	EA-SD	6/26/23 1415								
		Chris Montoya	EA-SD	6/26/23 1525								

Smallmouth
 06/27/23
 4:12:24
 6/28/23
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 ENTHALPY ANALYTICAL		Chain of Custody Record			Turn Around Time (rush by advanced notice only)						
		Lab No: 487499	Page: _____ of _____		Standard:	5 Day:	3 Day:	X			
Enthalpy Analytical - Orange 931 W. Barkley Avenue, Orange, CA 92868 Phone 714-771-6900		Matrix: A = Air S = Sol/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other			Preservatives: 1 = Na ₂ S ₂ O ₃ 2 = HCl 3 = HNO ₃ 4 = H ₂ SO ₄ 5 = NaOH 6 = Other		Sample Receipt Temp: (lab use only)				
CUSTOMER INFORMATION		PROJECT INFORMATION			Analysis Request				Test Instructions / Comments		
Company:	SCS Engineers	Name:	Sports Arena			Title 22 Metals TPH xxT				Report to: Chuck Houser chouser@scsengineers.com Garrett Lepine glepine@scsengineers.com b.d 3.4	
Report To:	Chuck Houser	Number:									
Email:	chouser@scsengineers.com	P.O. #:	01213320.07								
Address:		Address:									
Phone:	(858) 805-5523	Global ID:									
Fax:		Sampled By:	C. Houser								
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.						
1	T-11-4	6/26/23	Soil	5oz Glass Jar	Chill	X					
2	T-11-5,5	↓	↓	↓	↓	X					
3	/	/	/	/	/	/					
4	/	/	/	/	/	/					
5	/	/	/	/	/	/					
6	/	/	/	/	/	/					
7	/	/	/	/	/	/					
8	/	/	/	/	/	/					
9	/	/	/	/	/	/					
10	/	/	/	/	/	/					
Signature		Print Name		Company / Title		Date / Time					
1 Relinquished By:		Chuck Houser		SCS		6/26/23 1:25					
1 Received By:		Jennifer Bunker Moyer		SCS		6/26/23 1:25					
2 Relinquished By:		TAYLOR NASH		EA-SD		6/26/23 1325					
2 Received By:		TAYLOR NASH		EA-SD		6/26/23 1400					
3 Relinquished By:		TAYLOR NASH		EA-SD		6/26/23 1415					
3 Received By:		Chris Montoya		EA-SD		6/26/23 1530					

Ver: 6/26/23
 6/26/23 1700
 Analytical Services

W/ Nick EA
 6-26-23 15:30
 Nathan

W/ Nick EA
 6/26/23 1530



ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1
 Client: SCS Engineers Project: Sports Arena
 Date Received: 6/26/23 Sampler's Name Present: Yes No

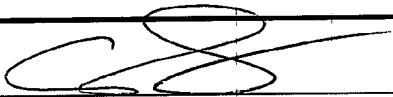
Section 2
 Sample(s) received in a cooler? Yes, How many? 1 No (skip section 2) Sample Temp (°C) (No Cooler) : _____
 Sample Temp (°C), One from each cooler: #1: 6.0 #2: _____ #3: _____ #4: _____
(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). 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: 3.4 #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: 6/26/23



Ranjit Clarke <ranjit.clarke@enthalpy.com>

[EXTERNAL] Sports Arena additional analyses

1 message

Houser, Chuck <CHouser@scsengineers.com>

Wed, Jun 28, 2023 at 3:30 PM

To: Ranjit K Clarke <Ranjit.Clarke@enthalpy.com>

Cc: "Montague, Luke" <LMontague@scsengineers.com>, "Morton, Jen" <JMorton@scsengineers.com>, "Lepine, Garrett" <GLepine@scsengineers.com>

Ranjit,

Please add the following analyses to the following soil samples for our Sports Arena project, 01213320.07:

- Collected 6/26/23: Please run the following additional analyses:
 - o VOCs (8260) and SVOCs (8270) on samples T-3 3', T-4 4', T-6 4', T-8 4', T-9 4', and T-11-4
 - o TPH extended on sample T-8 5.5'
 - o Title 22 metals on sample T-11-3'
- Collected 6/28/23: Please run Title 22 metals (in lieu of total lead) on sample T-23-2.5

Please confirm you've received and implemented this request. Thanks.

Chuck

Chuck Houser, CHg

Project Manager

SCS Engineers

Office 858-571-5500 Ext. 2908

Direct: 858-583-7738

Mobile: 858-805-5523

chouser@scsengineers.com



Ranjit Clarke <ranjit.clarke@enthalpy.com>

[EXTERNAL] FW: 487499_RPTS.pdf

1 message

Houser, Chuck <CHouser@scsengineers.com>

Fri, Jun 30, 2023 at 8:46 PM

To: Ranjit K Clarke <Ranjit.Clarke@enthalpy.com>, "Montague, Luke" <LMontague@scsengineers.com>

Ranjit,

For our Sports Arena project (01213320.07), please analyze the samples in the table below as indicated. Also please analyze samples T-11-1', T-11-2', and T-11-3' (collected 6/26/23) and T-24-2 (collected 6/28/23) for lead. Can we get these around Friday July 7th? Thanks much.

Chuck

Chuck Houser, CHg

Project Manager

SCS Engineers

Office 858-571-5500 Ext. 2908

Direct: 858-583-7738

Mobile: 858-805-5523

chouser@scsengineers.com

From: Montague, Luke <LMontague@scsengineers.com>**Sent:** Friday, June 30, 2023 4:01 PM**To:** Houser, Chuck <CHouser@scsengineers.com>**Subject:** RE: 487499_RPTS.pdf

Hi Chuck-

Below are the additional leachability analyses I recommend for the trenching samples. If you are good with this, please forward to Ranjit.

Also – I didn't see the chains in the lab report, but didn't you collect some shallower samples from some of the trench stations? If so and you have them archived, we could benefit from some horizontal delineation wherever we have high hits on the shallowest samples.

Sample Identifier	Additional Analyses
T-3 3'	WET & TCLP for lead. WET for copper, barium
T-4 4'	WET & TCLP for lead
T-6 4'	WET & TCLP for lead. WET for copper
T-8 4'	WET & TCLP for lead. WET for copper
T-9 4'	WET & TCLP for lead. WET for copper, barium
T-9 5'	WET & TCLP for lead. WET for copper, barium
T-11-4'	WET & TCLP for lead, chromium. WET for copper, arsenic, barium

Luke Montague, MESM, PG

SCS Engineers

Cell: (760)585-8548

Direct: (858)583-7749

lmontague@scsengineers.com

License # A749678 Haz. Cert.

From: Houser, Chuck <CHouser@scsengineers.com>
Sent: Friday, June 30, 2023 10:58 AM
To: Montague, Luke <LMontague@scsengineers.com>
Subject: 487499_RPTS.pdf

Analysis Results for 487499

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

Lab Job #: 487499
Project No: MIDWAY RISING
Location: Sports Arena - Revised Report
Date Received: 06/26/23

Sample ID: T-3 3' Lab ID: 487499-001 Collected: 06/26/23 07:35

487499-001 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
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Method: EPA 6010B
Prep Method: EPA 3010A

Lead	0.41		mg/L	0.015	TCLP Leachate	1	317558	07/06/23	07/06/23	SBW
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Method: EPA 6010B
Prep Method: EPA 3050B

Antimony	3.0		mg/Kg	2.9	Soil	0.95	316998	06/27/23	06/27/23	SBW
Arsenic	22		mg/Kg	0.95	Soil	0.95	316998	06/27/23	06/27/23	SBW
Barium	1,300		mg/Kg	9.5	Soil	9.5	316998	06/27/23	06/29/23	SBW
Beryllium	ND		mg/Kg	0.48	Soil	0.95	316998	06/27/23	06/27/23	SBW
Cadmium	2.6		mg/Kg	0.48	Soil	0.95	316998	06/27/23	06/27/23	SBW
Chromium	34		mg/Kg	0.95	Soil	0.95	316998	06/27/23	06/27/23	SBW
Cobalt	5.9		mg/Kg	0.48	Soil	0.95	316998	06/27/23	06/27/23	SBW
Copper	260		mg/Kg	0.95	Soil	0.95	316998	06/27/23	06/27/23	SBW
Lead	4,200		mg/Kg	9.5	Soil	9.5	316998	06/27/23	06/29/23	SBW
Molybdenum	1.6		mg/Kg	0.95	Soil	0.95	316998	06/27/23	06/27/23	SBW
Nickel	29		mg/Kg	0.95	Soil	0.95	316998	06/27/23	06/27/23	SBW
Selenium	ND		mg/Kg	2.9	Soil	0.95	316998	06/27/23	06/27/23	SBW
Silver	4.7		mg/Kg	0.48	Soil	0.95	316998	06/27/23	06/29/23	SBW
Thallium	ND		mg/Kg	2.9	Soil	0.95	316998	06/27/23	06/27/23	SBW
Vanadium	32		mg/Kg	0.95	Soil	0.95	316998	06/27/23	06/27/23	SBW
Zinc	1,900		mg/Kg	4.8	Soil	0.95	316998	06/27/23	06/27/23	SBW

Method: EPA 6010B
Prep Method: METHOD

Barium	2.3		mg/L	0.30	WET Leachate	10	317639	07/07/23	07/07/23	SBW
Copper	26		mg/L	0.30	WET Leachate	10	317639	07/07/23	07/07/23	SBW
Lead	6.9		mg/L	0.15	WET Leachate	10	317639	07/07/23	07/07/23	SBW

Method: EPA 7471A
Prep Method: METHOD

Mercury	0.79		mg/Kg	0.16	Soil	1.2	317030	06/27/23	06/28/23	KAM
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Method: EPA 8015B
Prep Method: EPA 3580M

TPH (C6-C12)	ND		mg/Kg	10	Soil	1	317008	06/27/23	06/28/23	SME
TPH (C13-C22)	ND		mg/Kg	10	Soil	1	317008	06/27/23	06/28/23	SME
TPH (C23-C44)	ND		mg/Kg	50	Soil	1	317008	06/27/23	06/28/23	SME

Surrogates **Limits**

Analysis Results for 487499

487499-001 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
n-Triacontane	107%		%REC	70-130	Soil	1	317008	06/27/23	06/28/23	SME

Method: EPA 8260B

Prep Method: EPA 5030B

3-Chloropropene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Isopropyl Ether (DIPE)	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
tert-Butyl Alcohol (TBA)	ND		ug/Kg	10	Soil	1	317411	07/03/23	07/03/23	LYZ
Freon 12	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Chloromethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Bromomethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Chloroethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Acetone	ND		ug/Kg	100	Soil	1	317411	07/03/23	07/03/23	LYZ
Freon 113	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Methylene Chloride	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
MTBE	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
2-Butanone	ND		ug/Kg	100	Soil	1	317411	07/03/23	07/03/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Chloroform	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Bromochloromethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Benzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Trichloroethene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Dibromomethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Toluene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ

Analysis Results for 487499

487499-001 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Chlorobenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Ethylbenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
m,p-Xylenes	ND		ug/Kg	10	Soil	1	317411	07/03/23	07/03/23	LYZ
o-Xylene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Styrene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Bromoform	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Propylbenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Bromobenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Naphthalene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Xylene (total)	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ

Surrogates			Limits							
Dibromofluoromethane	102%	%REC	70-145	Soil	1	317411	07/03/23	07/03/23	LYZ	
1,2-Dichloroethane-d4	113%	%REC	70-145	Soil	1	317411	07/03/23	07/03/23	LYZ	
Toluene-d8	97%	%REC	70-145	Soil	1	317411	07/03/23	07/03/23	LYZ	
Bromofluorobenzene	98%	%REC	70-145	Soil	1	317411	07/03/23	07/03/23	LYZ	

Method: EPA 8270C

Prep Method: EPA 3546

Carbazole	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
1-Methylnaphthalene	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
Pyridine	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
N-Nitrosodimethylamine	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
Phenol	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
Aniline	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	2,400	Soil	2	317254	06/29/23	06/29/23	TJW
2-Chlorophenol	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
1,3-Dichlorobenzene	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
1,4-Dichlorobenzene	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW

Analysis Results for 487499

487499-001 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Benzyl alcohol	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
1,2-Dichlorobenzene	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
2-Methylphenol	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
3-,4-Methylphenol	ND		ug/Kg	800	Soil	2	317254	06/29/23	06/29/23	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
Hexachloroethane	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
Nitrobenzene	ND		ug/Kg	2,400	Soil	2	317254	06/29/23	06/29/23	TJW
Isophorone	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
2-Nitrophenol	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
2,4-Dimethylphenol	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
Benzoic acid	ND		ug/Kg	2,400	Soil	2	317254	06/29/23	06/29/23	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
2,4-Dichlorophenol	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
Naphthalene	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
4-Chloroaniline	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
Hexachlorobutadiene	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
2-Methylnaphthalene	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	2,400	Soil	2	317254	06/29/23	06/29/23	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
2-Chloronaphthalene	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
2-Nitroaniline	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
Dimethylphthalate	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
Acenaphthylene	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
2,6-Dinitrotoluene	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
3-Nitroaniline	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
Acenaphthene	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
2,4-Dinitrophenol	ND		ug/Kg	2,400	Soil	2	317254	06/29/23	06/29/23	TJW
4-Nitrophenol	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
Dibenzofuran	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
2,4-Dinitrotoluene	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
Diethylphthalate	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
Fluorene	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
4-Nitroaniline	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
Hexachlorobenzene	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
Pentachlorophenol	ND		ug/Kg	2,400	Soil	2	317254	06/29/23	06/29/23	TJW
Phenanthrene	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW

Analysis Results for 487499

487499-001 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Anthracene	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
Di-n-butylphthalate	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
Fluoranthene	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
Benzydine	ND		ug/Kg	2,400	Soil	2	317254	06/29/23	06/29/23	TJW
Pyrene	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
Butylbenzylphthalate	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	2,400	Soil	2	317254	06/29/23	06/29/23	TJW
Benzo(a)anthracene	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
Chrysene	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
Di-n-octylphthalate	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
Benzo(b)fluoranthene	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
Benzo(k)fluoranthene	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
Benzo(a)pyrene	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	500	Soil	2	317254	06/29/23	06/29/23	TJW
Surrogates				Limits						
2-Fluorophenol	98%		%REC	29-120	Soil	2	317254	06/29/23	06/29/23	TJW
Phenol-d6	100%		%REC	30-120	Soil	2	317254	06/29/23	06/29/23	TJW
2,4,6-Tribromophenol	78%		%REC	32-120	Soil	2	317254	06/29/23	06/29/23	TJW
Nitrobenzene-d5	97%		%REC	33-120	Soil	2	317254	06/29/23	06/29/23	TJW
2-Fluorobiphenyl	89%		%REC	39-120	Soil	2	317254	06/29/23	06/29/23	TJW
Terphenyl-d14	87%		%REC	44-125	Soil	2	317254	06/29/23	06/29/23	TJW

Analysis Results for 487499

Sample ID: T-3 6'	Lab ID: 487499-002	Collected: 06/26/23 07:40
Matrix: Soil		

487499-002 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	316998	06/27/23	06/27/23	SBW
Arsenic	ND		mg/Kg	0.97	0.97	316998	06/27/23	06/27/23	SBW
Barium	65		mg/Kg	0.97	0.97	316998	06/27/23	06/27/23	SBW
Beryllium	ND		mg/Kg	0.49	0.97	316998	06/27/23	06/27/23	SBW
Cadmium	ND		mg/Kg	0.49	0.97	316998	06/27/23	06/27/23	SBW
Chromium	14		mg/Kg	0.97	0.97	316998	06/27/23	06/27/23	SBW
Cobalt	3.8		mg/Kg	0.49	0.97	316998	06/27/23	06/27/23	SBW
Copper	5.8		mg/Kg	0.97	0.97	316998	06/27/23	06/27/23	SBW
Lead	5.8		mg/Kg	0.97	0.97	316998	06/27/23	06/27/23	SBW
Molybdenum	ND		mg/Kg	0.97	0.97	316998	06/27/23	06/27/23	SBW
Nickel	3.5		mg/Kg	0.97	0.97	316998	06/27/23	06/27/23	SBW
Selenium	ND		mg/Kg	2.9	0.97	316998	06/27/23	06/27/23	SBW
Silver	ND		mg/Kg	0.49	0.97	316998	06/27/23	06/27/23	SBW
Thallium	ND		mg/Kg	2.9	0.97	316998	06/27/23	06/27/23	SBW
Vanadium	43		mg/Kg	0.97	0.97	316998	06/27/23	06/27/23	SBW
Zinc	23		mg/Kg	4.9	0.97	316998	06/27/23	06/27/23	SBW
Method: EPA 7471A									
Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	317030	06/27/23	06/28/23	KAM

Analysis Results for 487499

Sample ID: T-4 4'

Lab ID: 487499-003

Collected: 06/26/23 08:40

487499-003 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	316998	06/27/23	06/27/23	SBW
Arsenic	3.6		mg/Kg	0.98	Soil	0.98	316998	06/27/23	06/27/23	SBW
Barium	570		mg/Kg	0.98	Soil	0.98	316998	06/27/23	06/27/23	SBW
Beryllium	ND		mg/Kg	0.49	Soil	0.98	316998	06/27/23	06/27/23	SBW
Cadmium	0.87		mg/Kg	0.49	Soil	0.98	316998	06/27/23	06/27/23	SBW
Chromium	26		mg/Kg	0.98	Soil	0.98	316998	06/27/23	06/27/23	SBW
Cobalt	3.4		mg/Kg	0.49	Soil	0.98	316998	06/27/23	06/27/23	SBW
Copper	130		mg/Kg	0.98	Soil	0.98	316998	06/27/23	06/27/23	SBW
Lead	630		mg/Kg	0.98	Soil	0.98	316998	06/27/23	06/27/23	SBW
Molybdenum	ND		mg/Kg	0.98	Soil	0.98	316998	06/27/23	06/27/23	SBW
Nickel	9.7		mg/Kg	0.98	Soil	0.98	316998	06/27/23	06/27/23	SBW
Selenium	ND		mg/Kg	2.9	Soil	0.98	316998	06/27/23	06/27/23	SBW
Silver	6.1		mg/Kg	0.49	Soil	0.98	316998	06/27/23	06/29/23	SBW
Thallium	ND		mg/Kg	2.9	Soil	0.98	316998	06/27/23	06/27/23	SBW
Vanadium	31		mg/Kg	0.98	Soil	0.98	316998	06/27/23	06/27/23	SBW
Zinc	540		mg/Kg	4.9	Soil	0.98	316998	06/27/23	06/27/23	SBW

Method: EPA 6010B
Prep Method: METHOD

					WET					
Lead	2.0		mg/L	0.15	Leachate	10	317639	07/07/23	07/07/23	SBW

Method: EPA 7471A
Prep Method: METHOD

Mercury	0.26		mg/Kg	0.16	Soil	1.1	317030	06/27/23	06/28/23	KAM
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Method: EPA 8015B
Prep Method: EPA 3580M

TPH (C6-C12)	ND		mg/Kg	9.9	Soil	0.99	317008	06/27/23	06/28/23	SME
TPH (C13-C22)	ND		mg/Kg	9.9	Soil	0.99	317008	06/27/23	06/28/23	SME
TPH (C23-C44)	ND		mg/Kg	50	Soil	0.99	317008	06/27/23	06/28/23	SME

Surrogates

Limits

n-Triacontane	111%		%REC	70-130	Soil	0.99	317008	06/27/23	06/28/23	SME
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Method: EPA 8260B
Prep Method: EPA 5030B

3-Chloropropene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Isopropyl Ether (DIPE)	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
tert-Butyl Alcohol (TBA)	ND		ug/Kg	10	Soil	1	317411	07/03/23	07/03/23	LYZ
Freon 12	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Chloromethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ

Analysis Results for 487499

487499-003 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Vinyl Chloride	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Bromomethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Chloroethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Acetone	ND		ug/Kg	100	Soil	1	317411	07/03/23	07/03/23	LYZ
Freon 113	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Methylene Chloride	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
MTBE	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
2-Butanone	ND		ug/Kg	100	Soil	1	317411	07/03/23	07/03/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Chloroform	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Bromochloromethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Benzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Trichloroethene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Dibromomethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Toluene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Chlorobenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Ethylbenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
m,p-Xylenes	ND		ug/Kg	10	Soil	1	317411	07/03/23	07/03/23	LYZ
o-Xylene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Styrene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Bromoform	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Propylbenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Bromobenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ

Analysis Results for 487499

487499-003 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Naphthalene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Xylene (total)	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ

Surrogates	Limits									
Dibromofluoromethane	101%	%REC	70-145	Soil	1	317411	07/03/23	07/03/23	LYZ	
1,2-Dichloroethane-d4	110%	%REC	70-145	Soil	1	317411	07/03/23	07/03/23	LYZ	
Toluene-d8	98%	%REC	70-145	Soil	1	317411	07/03/23	07/03/23	LYZ	
Bromofluorobenzene	98%	%REC	70-145	Soil	1	317411	07/03/23	07/03/23	LYZ	

Method: EPA 8270C
 Prep Method: EPA 3546

Carbazole	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
1-Methylnaphthalene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Pyridine	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
N-Nitrosodimethylamine	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Phenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Aniline	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	Soil	1	317254	06/29/23	06/29/23	TJW
2-Chlorophenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
1,3-Dichlorobenzene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
1,4-Dichlorobenzene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Benzyl alcohol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
1,2-Dichlorobenzene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2-Methylphenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
3-,4-Methylphenol	ND		ug/Kg	400	Soil	1	317254	06/29/23	06/29/23	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Hexachloroethane	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Nitrobenzene	ND		ug/Kg	1,200	Soil	1	317254	06/29/23	06/29/23	TJW
Isophorone	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2-Nitrophenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2,4-Dimethylphenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Benzoic acid	ND		ug/Kg	1,200	Soil	1	317254	06/29/23	06/29/23	TJW

Analysis Results for 487499

487499-003 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2,4-Dichlorophenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Naphthalene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
4-Chloroaniline	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Hexachlorobutadiene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2-Methylnaphthalene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	Soil	1	317254	06/29/23	06/29/23	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2-Chloronaphthalene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2-Nitroaniline	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Dimethylphthalate	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Acenaphthylene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2,6-Dinitrotoluene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
3-Nitroaniline	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Acenaphthene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2,4-Dinitrophenol	ND		ug/Kg	1,200	Soil	1	317254	06/29/23	06/29/23	TJW
4-Nitrophenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Dibenzofuran	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2,4-Dinitrotoluene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Diethylphthalate	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Fluorene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
4-Nitroaniline	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Hexachlorobenzene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Pentachlorophenol	ND		ug/Kg	1,200	Soil	1	317254	06/29/23	06/29/23	TJW
Phenanthrene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Anthracene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Di-n-butylphthalate	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Fluoranthene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Benzidine	ND		ug/Kg	1,200	Soil	1	317254	06/29/23	06/29/23	TJW
Pyrene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Butylbenzylphthalate	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	Soil	1	317254	06/29/23	06/29/23	TJW
Benzo(a)anthracene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Chrysene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Di-n-octylphthalate	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Benzo(b)fluoranthene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW

Analysis Results for 487499

487499-003 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Benzo(k)fluoranthene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Benzo(a)pyrene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Surrogates				Limits						
2-Fluorophenol	85%		%REC	29-120	Soil	1	317254	06/29/23	06/29/23	TJW
Phenol-d6	87%		%REC	30-120	Soil	1	317254	06/29/23	06/29/23	TJW
2,4,6-Tribromophenol	73%		%REC	32-120	Soil	1	317254	06/29/23	06/29/23	TJW
Nitrobenzene-d5	85%		%REC	33-120	Soil	1	317254	06/29/23	06/29/23	TJW
2-Fluorobiphenyl	78%		%REC	39-120	Soil	1	317254	06/29/23	06/29/23	TJW
Terphenyl-d14	83%		%REC	44-125	Soil	1	317254	06/29/23	06/29/23	TJW

Sample ID: T-4 6.5'

Lab ID: 487499-004

Collected: 06/26/23 08:45

Matrix: Soil

487499-004 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	316998	06/27/23	06/27/23	SBW	
Arsenic	1.1		mg/Kg	0.99	0.99	316998	06/27/23	06/27/23	SBW	
Barium	100		mg/Kg	0.99	0.99	316998	06/27/23	06/27/23	SBW	
Beryllium	ND		mg/Kg	0.50	0.99	316998	06/27/23	06/27/23	SBW	
Cadmium	ND		mg/Kg	0.50	0.99	316998	06/27/23	06/27/23	SBW	
Chromium	23		mg/Kg	0.99	0.99	316998	06/27/23	06/27/23	SBW	
Cobalt	5.6		mg/Kg	0.50	0.99	316998	06/27/23	06/27/23	SBW	
Copper	7.5		mg/Kg	0.99	0.99	316998	06/27/23	06/27/23	SBW	
Lead	1.0		mg/Kg	0.99	0.99	316998	06/27/23	06/27/23	SBW	
Molybdenum	ND		mg/Kg	0.99	0.99	316998	06/27/23	06/27/23	SBW	
Nickel	5.1		mg/Kg	0.99	0.99	316998	06/27/23	06/27/23	SBW	
Selenium	ND		mg/Kg	3.0	0.99	316998	06/27/23	06/27/23	SBW	
Silver	ND		mg/Kg	0.50	0.99	316998	06/27/23	06/27/23	SBW	
Thallium	ND		mg/Kg	3.0	0.99	316998	06/27/23	06/27/23	SBW	
Vanadium	64		mg/Kg	0.99	0.99	316998	06/27/23	06/27/23	SBW	
Zinc	28		mg/Kg	5.0	0.99	316998	06/27/23	06/27/23	SBW	
Method: EPA 7471A										
Prep Method: METHOD										
Mercury	ND		mg/Kg	0.16	1.2	317030	06/27/23	06/28/23	KAM	

Analysis Results for 487499

Sample ID: T-5 2.5'	Lab ID: 487499-005	Collected: 06/26/23 09:15
	Matrix: Soil	

487499-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B									
Prep Method: EPA 3050B									
Lead	2.1		mg/Kg	0.97	0.97	316998	06/27/23	06/27/23	SBW

Sample ID: T-5 4.5'	Lab ID: 487499-006	Collected: 06/26/23 09:20
	Matrix: Soil	

487499-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B									
Prep Method: EPA 3050B									
Lead	1.8		mg/Kg	0.96	0.96	316998	06/27/23	06/27/23	SBW

Analysis Results for 487499

Sample ID: T-6 4'
Lab ID: 487499-007
Collected: 06/26/23 09:45

487499-007 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3010A										
Lead	1.6		mg/L	0.015	TCLP Leachate	1	317558	07/06/23	07/06/23	SBW
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	16		mg/Kg	2.9	Soil	0.95	316998	06/27/23	06/27/23	SBW
Arsenic	5.0		mg/Kg	0.95	Soil	0.95	316998	06/27/23	06/27/23	SBW
Barium	310		mg/Kg	0.95	Soil	0.95	316998	06/27/23	06/27/23	SBW
Beryllium	ND		mg/Kg	0.48	Soil	0.95	316998	06/27/23	06/27/23	SBW
Cadmium	0.90		mg/Kg	0.48	Soil	0.95	316998	06/27/23	06/27/23	SBW
Chromium	20		mg/Kg	0.95	Soil	0.95	316998	06/27/23	06/27/23	SBW
Cobalt	4.7		mg/Kg	0.48	Soil	0.95	316998	06/27/23	06/27/23	SBW
Copper	350		mg/Kg	0.95	Soil	0.95	316998	06/27/23	06/27/23	SBW
Lead	3,300		mg/Kg	9.5	Soil	9.5	316998	06/27/23	06/29/23	SBW
Molybdenum	ND		mg/Kg	0.95	Soil	0.95	316998	06/27/23	06/27/23	SBW
Nickel	8.3		mg/Kg	0.95	Soil	0.95	316998	06/27/23	06/27/23	SBW
Selenium	ND		mg/Kg	2.9	Soil	0.95	316998	06/27/23	06/27/23	SBW
Silver	0.72		mg/Kg	0.48	Soil	0.95	316998	06/27/23	06/29/23	SBW
Thallium	ND		mg/Kg	2.9	Soil	0.95	316998	06/27/23	06/27/23	SBW
Vanadium	39		mg/Kg	0.95	Soil	0.95	316998	06/27/23	06/27/23	SBW
Zinc	530		mg/Kg	4.8	Soil	0.95	316998	06/27/23	06/27/23	SBW
Method: EPA 6010B Prep Method: METHOD										
Copper	5.8		mg/L	0.30	WET Leachate	10	317639	07/07/23	07/07/23	SBW
Lead	16		mg/L	0.15	WET Leachate	10	317639	07/07/23	07/07/23	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	1.1		mg/Kg	0.14	Soil	1	317030	06/27/23	06/28/23	KAM
Method: EPA 8015B Prep Method: EPA 3580M										
TPH (C6-C12)	ND		mg/Kg	10	Soil	1	317008	06/27/23	06/28/23	SME
TPH (C13-C22)	17		mg/Kg	10	Soil	1	317008	06/27/23	06/28/23	SME
TPH (C23-C44)	ND		mg/Kg	50	Soil	1	317008	06/27/23	06/28/23	SME
Surrogates	Limits									
n-Triacontane	114%		%REC	70-130	Soil	1	317008	06/27/23	06/28/23	SME
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ

Analysis Results for 487499

487499-007 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Isopropyl Ether (DIPE)	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
tert-Butyl Alcohol (TBA)	ND		ug/Kg	10	Soil	1	317411	07/03/23	07/03/23	LYZ
Freon 12	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Chloromethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Bromomethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Chloroethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Acetone	ND		ug/Kg	100	Soil	1	317411	07/03/23	07/03/23	LYZ
Freon 113	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Methylene Chloride	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
MTBE	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
2-Butanone	ND		ug/Kg	100	Soil	1	317411	07/03/23	07/03/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Chloroform	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Bromochloromethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Benzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Trichloroethene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Dibromomethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Toluene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Chlorobenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Ethylbenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
m,p-Xylenes	ND		ug/Kg	10	Soil	1	317411	07/03/23	07/03/23	LYZ
o-Xylene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Styrene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ

Analysis Results for 487499

487499-007 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Bromoform	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Propylbenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Bromobenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Naphthalene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Xylene (total)	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Surrogates				Limits						
Dibromofluoromethane	104%		%REC	70-145	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2-Dichloroethane-d4	111%		%REC	70-145	Soil	1	317411	07/03/23	07/03/23	LYZ
Toluene-d8	99%		%REC	70-145	Soil	1	317411	07/03/23	07/03/23	LYZ
Bromofluorobenzene	100%		%REC	70-145	Soil	1	317411	07/03/23	07/03/23	LYZ
Method: EPA 8270C Prep Method: EPA 3546										
Carbazole	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
1-Methylnaphthalene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Pyridine	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
N-Nitrosodimethylamine	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Phenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Aniline	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	Soil	1	317254	06/29/23	06/29/23	TJW
2-Chlorophenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
1,3-Dichlorobenzene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
1,4-Dichlorobenzene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Benzyl alcohol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
1,2-Dichlorobenzene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2-Methylphenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
3-,4-Methylphenol	ND		ug/Kg	400	Soil	1	317254	06/29/23	06/29/23	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW

Analysis Results for 487499

487499-007 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Hexachloroethane	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Nitrobenzene	ND		ug/Kg	1,200	Soil	1	317254	06/29/23	06/29/23	TJW
Isophorone	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2-Nitrophenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2,4-Dimethylphenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Benzoic acid	ND		ug/Kg	1,200	Soil	1	317254	06/29/23	06/29/23	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2,4-Dichlorophenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Naphthalene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
4-Chloroaniline	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Hexachlorobutadiene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2-Methylnaphthalene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	Soil	1	317254	06/29/23	06/29/23	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2-Chloronaphthalene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2-Nitroaniline	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Dimethylphthalate	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Acenaphthylene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2,6-Dinitrotoluene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
3-Nitroaniline	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Acenaphthene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2,4-Dinitrophenol	ND		ug/Kg	1,200	Soil	1	317254	06/29/23	06/29/23	TJW
4-Nitrophenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Dibenzofuran	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2,4-Dinitrotoluene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Diethylphthalate	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Fluorene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
4-Nitroaniline	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Hexachlorobenzene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Pentachlorophenol	ND		ug/Kg	1,200	Soil	1	317254	06/29/23	06/29/23	TJW
Phenanthrene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Anthracene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Di-n-butylphthalate	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Fluoranthene	280		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Benzidine	ND		ug/Kg	1,200	Soil	1	317254	06/29/23	06/29/23	TJW
Pyrene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Butylbenzylphthalate	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW

Analysis Results for 487499

487499-007 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	Soil	1	317254	06/29/23	06/29/23	TJW
Benzo(a)anthracene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Chrysene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Di-n-octylphthalate	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Benzo(b)fluoranthene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Benzo(k)fluoranthene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Benzo(a)pyrene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Surrogates	Limits									
2-Fluorophenol	94%		%REC	29-120	Soil	1	317254	06/29/23	06/29/23	TJW
Phenol-d6	94%		%REC	30-120	Soil	1	317254	06/29/23	06/29/23	TJW
2,4,6-Tribromophenol	83%		%REC	32-120	Soil	1	317254	06/29/23	06/29/23	TJW
Nitrobenzene-d5	94%		%REC	33-120	Soil	1	317254	06/29/23	06/29/23	TJW
2-Fluorobiphenyl	88%		%REC	39-120	Soil	1	317254	06/29/23	06/29/23	TJW
Terphenyl-d14	91%		%REC	44-125	Soil	1	317254	06/29/23	06/29/23	TJW

Sample ID: T-6 5.5'

Lab ID: 487499-008

Collected: 06/26/23 09:47

Matrix: Soil

487499-008 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	316998	06/27/23	06/27/23	SBW	
Arsenic	ND		mg/Kg	0.95	0.95	316998	06/27/23	06/27/23	SBW	
Barium	74		mg/Kg	0.95	0.95	316998	06/27/23	06/27/23	SBW	
Beryllium	ND		mg/Kg	0.48	0.95	316998	06/27/23	06/27/23	SBW	
Cadmium	ND		mg/Kg	0.48	0.95	316998	06/27/23	06/27/23	SBW	
Chromium	16		mg/Kg	0.95	0.95	316998	06/27/23	06/27/23	SBW	
Cobalt	4.2		mg/Kg	0.48	0.95	316998	06/27/23	06/27/23	SBW	
Copper	9.3		mg/Kg	0.95	0.95	316998	06/27/23	06/27/23	SBW	
Lead	9.1		mg/Kg	0.95	0.95	316998	06/27/23	06/27/23	SBW	
Molybdenum	ND		mg/Kg	0.95	0.95	316998	06/27/23	06/27/23	SBW	
Nickel	4.1		mg/Kg	0.95	0.95	316998	06/27/23	06/27/23	SBW	
Selenium	ND		mg/Kg	2.9	0.95	316998	06/27/23	06/27/23	SBW	
Silver	ND		mg/Kg	0.48	0.95	316998	06/27/23	06/27/23	SBW	
Thallium	ND		mg/Kg	2.9	0.95	316998	06/27/23	06/27/23	SBW	
Vanadium	47		mg/Kg	0.95	0.95	316998	06/27/23	06/27/23	SBW	
Zinc	28		mg/Kg	4.8	0.95	316998	06/27/23	06/27/23	SBW	

Method: EPA 7471A

Prep Method: METHOD

Mercury	ND		mg/Kg	0.16	1.1	317030	06/27/23	06/28/23	KAM
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Analysis Results for 487499

Sample ID: T-7 3'	Lab ID: 487499-009	Collected: 06/26/23 09:55
Matrix: Soil		

487499-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B									
Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.96	316998	06/27/23	06/27/23	SBW
Arsenic	1.0		mg/Kg	0.96	0.96	316998	06/27/23	06/27/23	SBW
Barium	110		mg/Kg	0.96	0.96	316998	06/27/23	06/27/23	SBW
Beryllium	ND		mg/Kg	0.48	0.96	316998	06/27/23	06/27/23	SBW
Cadmium	ND		mg/Kg	0.48	0.96	316998	06/27/23	06/27/23	SBW
Chromium	20		mg/Kg	0.96	0.96	316998	06/27/23	06/27/23	SBW
Cobalt	6.5		mg/Kg	0.48	0.96	316998	06/27/23	06/27/23	SBW
Copper	9.7		mg/Kg	0.96	0.96	316998	06/27/23	06/27/23	SBW
Lead	6.4		mg/Kg	0.96	0.96	316998	06/27/23	06/27/23	SBW
Molybdenum	ND		mg/Kg	0.96	0.96	316998	06/27/23	06/27/23	SBW
Nickel	5.9		mg/Kg	0.96	0.96	316998	06/27/23	06/27/23	SBW
Selenium	ND		mg/Kg	2.9	0.96	316998	06/27/23	06/27/23	SBW
Silver	ND		mg/Kg	0.48	0.96	316998	06/27/23	06/27/23	SBW
Thallium	ND		mg/Kg	2.9	0.96	316998	06/27/23	06/27/23	SBW
Vanadium	52		mg/Kg	0.96	0.96	316998	06/27/23	06/27/23	SBW
Zinc	35		mg/Kg	4.8	0.96	316998	06/27/23	06/27/23	SBW
Method: EPA 7471A									
Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	317030	06/27/23	06/28/23	KAM
Method: EPA 8015B									
Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	9.9	0.99	317008	06/27/23	06/27/23	SME
TPH (C13-C22)	ND		mg/Kg	9.9	0.99	317008	06/27/23	06/27/23	SME
TPH (C23-C44)	ND		mg/Kg	50	0.99	317008	06/27/23	06/27/23	SME
Surrogates	Limits								
n-Triacontane	111%		%REC	70-130	0.99	317008	06/27/23	06/27/23	SME

Analysis Results for 487499

Sample ID: T-7 5'	Lab ID: 487499-010	Collected: 06/26/23 09:58
Matrix: Soil		

487499-010 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	316998	06/27/23	06/27/23	SBW
Arsenic	ND		mg/Kg	0.98	0.98	316998	06/27/23	06/27/23	SBW
Barium	78		mg/Kg	0.98	0.98	316998	06/27/23	06/27/23	SBW
Beryllium	ND		mg/Kg	0.49	0.98	316998	06/27/23	06/27/23	SBW
Cadmium	ND		mg/Kg	0.49	0.98	316998	06/27/23	06/27/23	SBW
Chromium	16		mg/Kg	0.98	0.98	316998	06/27/23	06/27/23	SBW
Cobalt	4.4		mg/Kg	0.49	0.98	316998	06/27/23	06/27/23	SBW
Copper	6.2		mg/Kg	0.98	0.98	316998	06/27/23	06/27/23	SBW
Lead	1.1		mg/Kg	0.98	0.98	316998	06/27/23	06/27/23	SBW
Molybdenum	ND		mg/Kg	0.98	0.98	316998	06/27/23	06/27/23	SBW
Nickel	4.3		mg/Kg	0.98	0.98	316998	06/27/23	06/27/23	SBW
Selenium	ND		mg/Kg	2.9	0.98	316998	06/27/23	06/27/23	SBW
Silver	ND		mg/Kg	0.49	0.98	316998	06/27/23	06/27/23	SBW
Thallium	ND		mg/Kg	2.9	0.98	316998	06/27/23	06/27/23	SBW
Vanadium	42		mg/Kg	0.98	0.98	316998	06/27/23	06/27/23	SBW
Zinc	24		mg/Kg	4.9	0.98	316998	06/27/23	06/27/23	SBW
Method: EPA 7471A									
Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	317030	06/27/23	06/28/23	KAM

Analysis Results for 487499

Sample ID: T-8 4'
Lab ID: 487499-011
Collected: 06/26/23 11:00

487499-011 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3010A										
Lead	1.1		mg/L	0.015	TCLP Leachate	1	317558	07/06/23	07/06/23	SBW
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	2.9	Soil	0.95	316998	06/27/23	06/27/23	SBW
Arsenic	6.7		mg/Kg	0.95	Soil	0.95	316998	06/27/23	06/27/23	SBW
Barium	700		mg/Kg	0.95	Soil	0.95	316998	06/27/23	06/27/23	SBW
Beryllium	0.53		mg/Kg	0.48	Soil	0.95	316998	06/27/23	06/27/23	SBW
Cadmium	1.7		mg/Kg	0.48	Soil	0.95	316998	06/27/23	06/27/23	SBW
Chromium	37		mg/Kg	0.95	Soil	0.95	316998	06/27/23	06/27/23	SBW
Cobalt	4.9		mg/Kg	0.48	Soil	0.95	316998	06/27/23	06/27/23	SBW
Copper	1,100		mg/Kg	9.5	Soil	9.5	316998	06/27/23	06/29/23	SBW
Lead	2,600		mg/Kg	9.5	Soil	9.5	316998	06/27/23	06/29/23	SBW
Molybdenum	1.1		mg/Kg	0.95	Soil	0.95	316998	06/27/23	06/27/23	SBW
Nickel	12		mg/Kg	0.95	Soil	0.95	316998	06/27/23	06/27/23	SBW
Selenium	ND		mg/Kg	2.9	Soil	0.95	316998	06/27/23	06/27/23	SBW
Silver	4.3		mg/Kg	0.48	Soil	0.95	316998	06/27/23	06/29/23	SBW
Thallium	ND		mg/Kg	2.9	Soil	0.95	316998	06/27/23	06/27/23	SBW
Vanadium	34		mg/Kg	0.95	Soil	0.95	316998	06/27/23	06/27/23	SBW
Zinc	720		mg/Kg	4.8	Soil	0.95	316998	06/27/23	06/27/23	SBW
Method: EPA 6010B Prep Method: METHOD										
Copper	2.2		mg/L	0.30	WET Leachate	10	317639	07/07/23	07/07/23	SBW
Lead	15		mg/L	0.15	WET Leachate	10	317639	07/07/23	07/07/23	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	1.2		mg/Kg	0.16	Soil	1.1	317030	06/27/23	06/28/23	KAM
Method: EPA 8015B Prep Method: EPA 3580M										
TPH (C6-C12)	ND		mg/Kg	10	Soil	1	317008	06/27/23	06/28/23	SME
TPH (C13-C22)	ND		mg/Kg	10	Soil	1	317008	06/27/23	06/28/23	SME
TPH (C23-C44)	ND		mg/Kg	50	Soil	1	317008	06/27/23	06/28/23	SME
Surrogates	Limits									
n-Triacontane	111%		%REC	70-130	Soil	1	317008	06/27/23	06/28/23	SME
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ

Analysis Results for 487499

487499-011 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Isopropyl Ether (DIPE)	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
tert-Butyl Alcohol (TBA)	ND		ug/Kg	10	Soil	1	317411	07/03/23	07/03/23	LYZ
Freon 12	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Chloromethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Bromomethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Chloroethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Acetone	ND		ug/Kg	100	Soil	1	317411	07/03/23	07/03/23	LYZ
Freon 113	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Methylene Chloride	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
MTBE	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
2-Butanone	ND		ug/Kg	100	Soil	1	317411	07/03/23	07/03/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Chloroform	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Bromochloromethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Benzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Trichloroethene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Dibromomethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Toluene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Chlorobenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Ethylbenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
m,p-Xylenes	ND		ug/Kg	10	Soil	1	317411	07/03/23	07/03/23	LYZ
o-Xylene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Styrene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ

Analysis Results for 487499

487499-011 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Bromoform	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Propylbenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Bromobenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Naphthalene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Xylene (total)	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Surrogates				Limits						
Dibromofluoromethane	105%		%REC	70-145	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2-Dichloroethane-d4	111%		%REC	70-145	Soil	1	317411	07/03/23	07/03/23	LYZ
Toluene-d8	98%		%REC	70-145	Soil	1	317411	07/03/23	07/03/23	LYZ
Bromofluorobenzene	99%		%REC	70-145	Soil	1	317411	07/03/23	07/03/23	LYZ
Method: EPA 8270C Prep Method: EPA 3546										
Carbazole	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
1-Methylnaphthalene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Pyridine	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
N-Nitrosodimethylamine	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Phenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Aniline	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	Soil	1	317254	06/29/23	06/29/23	TJW
2-Chlorophenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
1,3-Dichlorobenzene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
1,4-Dichlorobenzene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Benzyl alcohol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
1,2-Dichlorobenzene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2-Methylphenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
3-,4-Methylphenol	ND		ug/Kg	400	Soil	1	317254	06/29/23	06/29/23	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW

Analysis Results for 487499

487499-011 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Hexachloroethane	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Nitrobenzene	ND		ug/Kg	1,200	Soil	1	317254	06/29/23	06/29/23	TJW
Isophorone	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2-Nitrophenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2,4-Dimethylphenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Benzoic acid	ND		ug/Kg	1,200	Soil	1	317254	06/29/23	06/29/23	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2,4-Dichlorophenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Naphthalene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
4-Chloroaniline	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Hexachlorobutadiene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2-Methylnaphthalene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	Soil	1	317254	06/29/23	06/29/23	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2-Chloronaphthalene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2-Nitroaniline	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Dimethylphthalate	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Acenaphthylene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2,6-Dinitrotoluene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
3-Nitroaniline	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Acenaphthene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2,4-Dinitrophenol	ND		ug/Kg	1,200	Soil	1	317254	06/29/23	06/29/23	TJW
4-Nitrophenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Dibenzofuran	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2,4-Dinitrotoluene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Diethylphthalate	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Fluorene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
4-Nitroaniline	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Hexachlorobenzene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Pentachlorophenol	ND		ug/Kg	1,200	Soil	1	317254	06/29/23	06/29/23	TJW
Phenanthrene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Anthracene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Di-n-butylphthalate	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Fluoranthene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Benzidine	ND		ug/Kg	1,200	Soil	1	317254	06/29/23	06/29/23	TJW
Pyrene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Butylbenzylphthalate	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW

Analysis Results for 487499

487499-011 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	Soil	1	317254	06/29/23	06/29/23	TJW
Benzo(a)anthracene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Chrysene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Di-n-octylphthalate	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Benzo(b)fluoranthene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Benzo(k)fluoranthene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Benzo(a)pyrene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Surrogates	Limits									
2-Fluorophenol	94%		%REC	29-120	Soil	1	317254	06/29/23	06/29/23	TJW
Phenol-d6	94%		%REC	30-120	Soil	1	317254	06/29/23	06/29/23	TJW
2,4,6-Tribromophenol	82%		%REC	32-120	Soil	1	317254	06/29/23	06/29/23	TJW
Nitrobenzene-d5	91%		%REC	33-120	Soil	1	317254	06/29/23	06/29/23	TJW
2-Fluorobiphenyl	86%		%REC	39-120	Soil	1	317254	06/29/23	06/29/23	TJW
Terphenyl-d14	90%		%REC	44-125	Soil	1	317254	06/29/23	06/29/23	TJW

Sample ID: T-8 5.5'

Lab ID: 487499-012

Collected: 06/26/23 11:02

Matrix: Soil

487499-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist	
Method: EPA 6010B										
Prep Method: EPA 3050B										
Lead	15		mg/Kg	0.98	0.98	316998	06/27/23	06/27/23	SBW	
Method: EPA 8015B										
Prep Method: EPA 3580M										
TPH (C6-C12)	ND		mg/Kg	10	1	317220	06/29/23	06/30/23	BJG	
TPH (C13-C22)	ND		mg/Kg	10	1	317220	06/29/23	06/30/23	BJG	
TPH (C23-C44)	ND		mg/Kg	50	1	317220	06/29/23	06/30/23	BJG	
Surrogates	Limits									
n-Triacontane	124%		%REC	70-130	1	317220	06/29/23	06/30/23	BJG	

Analysis Results for 487499

Sample ID: T-9 4'
Lab ID: 487499-013
Collected: 06/26/23 11:27

487499-013 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3010A										
Lead	0.84		mg/L	0.015	TCLP Leachate	1	317558	07/06/23	07/06/23	SBW
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	71		mg/Kg	2.9	Soil	0.95	316998	06/27/23	06/27/23	SBW
Arsenic	14		mg/Kg	0.95	Soil	0.95	316998	06/27/23	06/27/23	SBW
Barium	1,300		mg/Kg	9.5	Soil	9.5	316998	06/27/23	06/29/23	SBW
Beryllium	0.52		mg/Kg	0.48	Soil	0.95	316998	06/27/23	06/27/23	SBW
Cadmium	2.4		mg/Kg	0.48	Soil	0.95	316998	06/27/23	06/27/23	SBW
Chromium	41		mg/Kg	0.95	Soil	0.95	316998	06/27/23	06/27/23	SBW
Cobalt	4.7		mg/Kg	0.48	Soil	0.95	316998	06/27/23	06/27/23	SBW
Copper	630		mg/Kg	0.95	Soil	0.95	316998	06/27/23	06/27/23	SBW
Lead	6,300		mg/Kg	9.5	Soil	9.5	316998	06/27/23	06/29/23	SBW
Molybdenum	1.5		mg/Kg	0.95	Soil	0.95	316998	06/27/23	06/27/23	SBW
Nickel	17		mg/Kg	0.95	Soil	0.95	316998	06/27/23	06/27/23	SBW
Selenium	ND		mg/Kg	2.9	Soil	0.95	316998	06/27/23	06/27/23	SBW
Silver	12		mg/Kg	0.48	Soil	0.95	316998	06/27/23	06/29/23	SBW
Thallium	ND		mg/Kg	2.9	Soil	0.95	316998	06/27/23	06/27/23	SBW
Vanadium	31		mg/Kg	0.95	Soil	0.95	316998	06/27/23	06/27/23	SBW
Zinc	1,500		mg/Kg	4.8	Soil	0.95	316998	06/27/23	06/27/23	SBW
Method: EPA 6010B Prep Method: METHOD										
Barium	1.7		mg/L	0.30	WET Leachate	10	317639	07/07/23	07/07/23	SBW
Copper	2.0		mg/L	0.30	WET Leachate	10	317639	07/07/23	07/07/23	SBW
Lead	7.1		mg/L	0.15	WET Leachate	10	317639	07/07/23	07/07/23	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	0.80		mg/Kg	0.16	Soil	1.2	317030	06/27/23	06/28/23	KAM
Method: EPA 8015B Prep Method: EPA 3580M										
TPH (C6-C12)	ND		mg/Kg	10	Soil	1	317008	06/27/23	06/28/23	SME
TPH (C13-C22)	ND		mg/Kg	10	Soil	1	317008	06/27/23	06/28/23	SME
TPH (C23-C44)	ND		mg/Kg	50	Soil	1	317008	06/27/23	06/28/23	SME
Surrogates				Limits						
n-Triacontane	120%		%REC	70-130	Soil	1	317008	06/27/23	06/28/23	SME
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ

Analysis Results for 487499

487499-013 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Isopropyl Ether (DIPE)	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
tert-Butyl Alcohol (TBA)	ND		ug/Kg	10	Soil	1	317411	07/03/23	07/03/23	LYZ
Freon 12	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Chloromethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Bromomethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Chloroethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Acetone	ND		ug/Kg	100	Soil	1	317411	07/03/23	07/03/23	LYZ
Freon 113	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Methylene Chloride	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
MTBE	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
2-Butanone	ND		ug/Kg	100	Soil	1	317411	07/03/23	07/03/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Chloroform	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Bromochloromethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Benzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Trichloroethene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Dibromomethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Toluene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Chlorobenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Ethylbenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
m,p-Xylenes	ND		ug/Kg	10	Soil	1	317411	07/03/23	07/03/23	LYZ

Analysis Results for 487499

487499-013 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
o-Xylene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Styrene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Bromoform	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Propylbenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Bromobenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Naphthalene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ
Xylene (total)	ND		ug/Kg	5.0	Soil	1	317411	07/03/23	07/03/23	LYZ

Surrogates			Limits							
Dibromofluoromethane	104%	%REC	70-145	Soil	1	317411	07/03/23	07/03/23	LYZ	
1,2-Dichloroethane-d4	115%	%REC	70-145	Soil	1	317411	07/03/23	07/03/23	LYZ	
Toluene-d8	98%	%REC	70-145	Soil	1	317411	07/03/23	07/03/23	LYZ	
Bromofluorobenzene	100%	%REC	70-145	Soil	1	317411	07/03/23	07/03/23	LYZ	

Method: EPA 8270C

Prep Method: EPA 3546

Carbazole	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
1-Methylnaphthalene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Pyridine	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
N-Nitrosodimethylamine	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Phenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Aniline	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	Soil	1	317254	06/29/23	06/29/23	TJW
2-Chlorophenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
1,3-Dichlorobenzene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
1,4-Dichlorobenzene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Benzyl alcohol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
1,2-Dichlorobenzene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2-Methylphenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW

Analysis Results for 487499

487499-013 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
3-,4-Methylphenol	ND		ug/Kg	400	Soil	1	317254	06/29/23	06/29/23	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Hexachloroethane	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Nitrobenzene	ND		ug/Kg	1,200	Soil	1	317254	06/29/23	06/29/23	TJW
Isophorone	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2-Nitrophenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2,4-Dimethylphenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Benzoic acid	ND		ug/Kg	1,200	Soil	1	317254	06/29/23	06/29/23	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2,4-Dichlorophenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Naphthalene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
4-Chloroaniline	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Hexachlorobutadiene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2-Methylnaphthalene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	Soil	1	317254	06/29/23	06/29/23	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2-Chloronaphthalene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2-Nitroaniline	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Dimethylphthalate	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Acenaphthylene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2,6-Dinitrotoluene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
3-Nitroaniline	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Acenaphthene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2,4-Dinitrophenol	ND		ug/Kg	1,200	Soil	1	317254	06/29/23	06/29/23	TJW
4-Nitrophenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Dibenzofuran	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
2,4-Dinitrotoluene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Diethylphthalate	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Fluorene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
4-Nitroaniline	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Hexachlorobenzene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Pentachlorophenol	ND		ug/Kg	1,200	Soil	1	317254	06/29/23	06/29/23	TJW
Phenanthrene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Anthracene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Di-n-butylphthalate	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Fluoranthene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Benzidine	ND		ug/Kg	1,200	Soil	1	317254	06/29/23	06/29/23	TJW

Analysis Results for 487499

487499-013 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Pyrene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Butylbenzylphthalate	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	Soil	1	317254	06/29/23	06/29/23	TJW
Benzo(a)anthracene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Chrysene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Di-n-octylphthalate	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Benzo(b)fluoranthene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Benzo(k)fluoranthene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Benzo(a)pyrene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	250	Soil	1	317254	06/29/23	06/29/23	TJW
Surrogates				Limits						
2-Fluorophenol	107%		%REC	29-120	Soil	1	317254	06/29/23	06/29/23	TJW
Phenol-d6	108%		%REC	30-120	Soil	1	317254	06/29/23	06/29/23	TJW
2,4,6-Tribromophenol	84%		%REC	32-120	Soil	1	317254	06/29/23	06/29/23	TJW
Nitrobenzene-d5	106%		%REC	33-120	Soil	1	317254	06/29/23	06/29/23	TJW
2-Fluorobiphenyl	92%		%REC	39-120	Soil	1	317254	06/29/23	06/29/23	TJW
Terphenyl-d14	89%		%REC	44-125	Soil	1	317254	06/29/23	06/29/23	TJW

Analysis Results for 487499

Sample ID: T-9 5' Lab ID: 487499-014 Collected: 06/26/23 11:30

487499-014 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
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Method: EPA 6010B
Prep Method: EPA 3010A

Lead	0.68		mg/L	0.015	TCLP Leachate	1	317558	07/06/23	07/06/23	SBW
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Method: EPA 6010B
Prep Method: EPA 3050B

Antimony	15		mg/Kg	2.9	Soil	0.96	316998	06/27/23	06/27/23	SBW
Arsenic	21		mg/Kg	0.96	Soil	0.96	316998	06/27/23	06/27/23	SBW
Barium	1,900		mg/Kg	9.6	Soil	9.6	316998	06/27/23	06/29/23	SBW
Beryllium	0.54		mg/Kg	0.48	Soil	0.96	316998	06/27/23	06/27/23	SBW
Cadmium	3.2		mg/Kg	0.48	Soil	0.96	316998	06/27/23	06/27/23	SBW
Chromium	42		mg/Kg	0.96	Soil	0.96	316998	06/27/23	06/27/23	SBW
Cobalt	6.5		mg/Kg	0.48	Soil	0.96	316998	06/27/23	06/27/23	SBW
Copper	420		mg/Kg	0.96	Soil	0.96	316998	06/27/23	06/27/23	SBW
Lead	5,000		mg/Kg	9.6	Soil	9.6	316998	06/27/23	06/29/23	SBW
Molybdenum	2.3		mg/Kg	0.96	Soil	0.96	316998	06/27/23	06/27/23	SBW
Nickel	20		mg/Kg	0.96	Soil	0.96	316998	06/27/23	06/27/23	SBW
Selenium	ND		mg/Kg	2.9	Soil	0.96	316998	06/27/23	06/27/23	SBW
Silver	12		mg/Kg	0.48	Soil	0.96	316998	06/27/23	06/29/23	SBW
Thallium	ND		mg/Kg	2.9	Soil	0.96	316998	06/27/23	06/27/23	SBW
Vanadium	29		mg/Kg	0.96	Soil	0.96	316998	06/27/23	06/27/23	SBW
Zinc	1,400		mg/Kg	4.8	Soil	0.96	316998	06/27/23	06/27/23	SBW

Method: EPA 6010B
Prep Method: METHOD

Barium	1.7		mg/L	0.30	WET Leachate	10	317639	07/07/23	07/07/23	SBW
Copper	8.5		mg/L	0.30	WET Leachate	10	317639	07/07/23	07/07/23	SBW
Lead	7.0		mg/L	0.15	WET Leachate	10	317639	07/07/23	07/07/23	SBW

Method: EPA 7471A
Prep Method: METHOD

Mercury	0.67		mg/Kg	0.15	Soil	1.1	317030	06/27/23	06/28/23	KAM
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Sample ID: T-9 6' Lab ID: 487499-015 Collected: 06/26/23 11:34
Matrix: Soil

487499-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
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Method: EPA 6010B
Prep Method: EPA 3050B

Lead	1.7		mg/Kg	1.0	1	316998	06/27/23	06/27/23	SBW
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Analysis Results for 487499

Sample ID: T-10 3.5'	Lab ID: 487499-016	Collected: 06/26/23 12:01
	Matrix: Soil	

487499-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B									
Prep Method: EPA 3050B									
Lead	3.1		mg/Kg	0.98	0.98	316998	06/27/23	06/27/23	SBW

Sample ID: T-10 6'	Lab ID: 487499-017	Collected: 06/26/23 11:58
	Matrix: Soil	

487499-017 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	316998	06/27/23	06/27/23	SBW

Sample ID: T-11-1'	Lab ID: 487499-018	Collected: 06/26/23 12:22
	Matrix: Soil	

487499-018 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B									
Prep Method: EPA 3050B									
Lead	9.8		mg/Kg	0.97	0.97	317542	07/06/23	07/06/23	THP

Sample ID: T-11-2'	Lab ID: 487499-019	Collected: 06/26/23 12:23
	Matrix: Soil	

487499-019 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B									
Prep Method: EPA 3050B									
Lead	2.5		mg/Kg	0.96	0.96	317542	07/06/23	07/06/23	THP

Analysis Results for 487499

Sample ID: T-11-3'	Lab ID: 487499-020	Collected: 06/26/23 12:24
Matrix: Soil		

487499-020 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	317212	06/29/23	06/29/23	SBW
Arsenic	1.6		mg/Kg	0.95	0.95	317212	06/29/23	06/29/23	SBW
Barium	57		mg/Kg	0.95	0.95	317212	06/29/23	06/29/23	SBW
Beryllium	ND		mg/Kg	0.48	0.95	317212	06/29/23	06/29/23	SBW
Cadmium	ND		mg/Kg	0.48	0.95	317212	06/29/23	06/29/23	SBW
Chromium	13		mg/Kg	0.95	0.95	317212	06/29/23	06/29/23	SBW
Cobalt	4.0		mg/Kg	0.48	0.95	317212	06/29/23	06/29/23	SBW
Copper	5.7		mg/Kg	0.95	0.95	317212	06/29/23	06/29/23	SBW
Lead	1.8		mg/Kg	0.95	0.95	317212	06/29/23	06/29/23	SBW
Molybdenum	ND		mg/Kg	0.95	0.95	317212	06/29/23	06/29/23	SBW
Nickel	4.5		mg/Kg	0.95	0.95	317212	06/29/23	06/29/23	SBW
Selenium	ND		mg/Kg	2.9	0.95	317212	06/29/23	06/29/23	SBW
Silver	ND		mg/Kg	0.48	0.95	317212	06/29/23	06/29/23	SBW
Thallium	ND		mg/Kg	2.9	0.95	317212	06/29/23	06/29/23	SBW
Vanadium	33		mg/Kg	0.95	0.95	317212	06/29/23	06/29/23	SBW
Zinc	18		mg/Kg	4.8	0.95	317212	06/29/23	06/29/23	SBW
Method: EPA 7471A									
Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	317215	06/29/23	06/29/23	KAM

Analysis Results for 487499

Sample ID: T-11-4'
Lab ID: 487499-021
Collected: 06/26/23 12:24

487499-021 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3010A										
Chromium	ND		mg/L	0.030	TCLP Leachate	1	317558	07/06/23	07/06/23	SBW
Lead	0.98		mg/L	0.015	TCLP Leachate	1	317558	07/06/23	07/06/23	SBW
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	8.0		mg/Kg	2.9	Soil	0.95	316998	06/27/23	06/27/23	SBW
Arsenic	81		mg/Kg	0.95	Soil	0.95	316998	06/27/23	06/27/23	SBW
Barium	1,200		mg/Kg	9.5	Soil	9.5	316998	06/27/23	06/29/23	SBW
Beryllium	ND		mg/Kg	0.48	Soil	0.95	316998	06/27/23	06/27/23	SBW
Cadmium	2.9		mg/Kg	0.48	Soil	0.95	316998	06/27/23	06/27/23	SBW
Chromium	130		mg/Kg	0.95	Soil	0.95	316998	06/27/23	06/27/23	SBW
Cobalt	23		mg/Kg	0.48	Soil	0.95	316998	06/27/23	06/27/23	SBW
Copper	290		mg/Kg	0.95	Soil	0.95	316998	06/27/23	06/27/23	SBW
Lead	5,000		mg/Kg	9.5	Soil	9.5	316998	06/27/23	06/29/23	SBW
Molybdenum	6.8		mg/Kg	0.95	Soil	0.95	316998	06/27/23	06/27/23	SBW
Nickel	53		mg/Kg	0.95	Soil	0.95	316998	06/27/23	06/27/23	SBW
Selenium	5.2		mg/Kg	2.9	Soil	0.95	316998	06/27/23	06/27/23	SBW
Silver	ND		mg/Kg	4.8	Soil	9.5	316998	06/27/23	06/29/23	SBW
Thallium	ND		mg/Kg	2.9	Soil	0.95	316998	06/27/23	06/29/23	SBW
Vanadium	25		mg/Kg	0.95	Soil	0.95	316998	06/27/23	06/27/23	SBW
Zinc	850		mg/Kg	4.8	Soil	0.95	316998	06/27/23	06/27/23	SBW
Method: EPA 6010B Prep Method: METHOD										
Arsenic	ND		mg/L	0.30	WET Leachate	10	317639	07/07/23	07/07/23	SBW
Barium	1.9		mg/L	0.30	WET Leachate	10	317639	07/07/23	07/07/23	SBW
Chromium	ND		mg/L	0.30	WET Leachate	10	317639	07/07/23	07/07/23	SBW
Copper	1.6		mg/L	0.30	WET Leachate	10	317639	07/07/23	07/07/23	SBW
Lead	8.6		mg/L	0.15	WET Leachate	10	317639	07/07/23	07/07/23	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	0.43		mg/Kg	0.14	Soil	1	317030	06/27/23	06/28/23	KAM
Method: EPA 8015B Prep Method: EPA 3580M										
TPH (C6-C12)	ND		mg/Kg	20	Soil	2	317008	06/27/23	06/28/23	SME
TPH (C13-C22)	ND		mg/Kg	20	Soil	2	317008	06/27/23	06/28/23	SME
TPH (C23-C44)	ND		mg/Kg	100	Soil	2	317008	06/27/23	06/28/23	SME

Analysis Results for 487499

487499-021 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Surrogates	Limits									
n-Triacontane	106%		%REC	70-130	Soil	2	317008	06/27/23	06/28/23	SME
Method: EPA 8260B										
Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
Isopropyl Ether (DIPE)	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
tert-Butyl Alcohol (TBA)	ND		ug/Kg	10	Soil	1	317440	07/05/23	07/05/23	EJB
Freon 12	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
Chloromethane	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
Vinyl Chloride	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
Bromomethane	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
Chloroethane	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
Trichlorofluoromethane	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
Acetone	ND		ug/Kg	100	Soil	1	317440	07/05/23	07/05/23	EJB
Freon 113	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
1,1-Dichloroethene	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
Methylene Chloride	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
MTBE	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
1,1-Dichloroethane	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
2-Butanone	ND		ug/Kg	100	Soil	1	317440	07/05/23	07/05/23	EJB
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
2,2-Dichloropropane	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
Chloroform	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
Bromochloromethane	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
1,1,1-Trichloroethane	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
1,1-Dichloropropene	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
Carbon Tetrachloride	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
1,2-Dichloroethane	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
Benzene	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
Trichloroethene	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
1,2-Dichloropropane	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
Bromodichloromethane	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
Dibromomethane	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
Toluene	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
1,1,2-Trichloroethane	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
1,3-Dichloropropane	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
Tetrachloroethene	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
Dibromochloromethane	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB

Analysis Results for 487499

487499-021 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dibromoethane	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
Chlorobenzene	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
Ethylbenzene	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
m,p-Xylenes	ND		ug/Kg	10	Soil	1	317440	07/05/23	07/05/23	EJB
o-Xylene	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
Styrene	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
Bromoform	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
Isopropylbenzene	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
1,2,3-Trichloropropane	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
Propylbenzene	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
Bromobenzene	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
2-Chlorotoluene	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
4-Chlorotoluene	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
tert-Butylbenzene	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
sec-Butylbenzene	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
para-Isopropyl Toluene	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
1,3-Dichlorobenzene	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
1,4-Dichlorobenzene	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
n-Butylbenzene	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
1,2-Dichlorobenzene	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
Hexachlorobutadiene	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
Naphthalene	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB
Xylene (total)	ND		ug/Kg	5.0	Soil	1	317440	07/05/23	07/05/23	EJB

Surrogates			Limits							
Dibromofluoromethane	100%	%REC	70-145	Soil	1	317440	07/05/23	07/05/23	EJB	
1,2-Dichloroethane-d4	114%	%REC	70-145	Soil	1	317440	07/05/23	07/05/23	EJB	
Toluene-d8	98%	%REC	70-145	Soil	1	317440	07/05/23	07/05/23	EJB	
Bromofluorobenzene	97%	%REC	70-145	Soil	1	317440	07/05/23	07/05/23	EJB	

Method: EPA 8270C

Prep Method: EPA 3546

Carbazole	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
1-Methylnaphthalene	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
Pyridine	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
N-Nitrosodimethylamine	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
Phenol	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
Aniline	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	4,800	Soil	4	317254	06/29/23	06/29/23	TJW
2-Chlorophenol	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
1,3-Dichlorobenzene	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW

Analysis Results for 487499

487499-021 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dichlorobenzene	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
Benzyl alcohol	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
1,2-Dichlorobenzene	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
2-Methylphenol	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
3-,4-Methylphenol	ND		ug/Kg	1,600	Soil	4	317254	06/29/23	06/29/23	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
Hexachloroethane	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
Nitrobenzene	ND		ug/Kg	4,800	Soil	4	317254	06/29/23	06/29/23	TJW
Isophorone	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
2-Nitrophenol	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
2,4-Dimethylphenol	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
Benzoic acid	ND		ug/Kg	4,800	Soil	4	317254	06/29/23	06/29/23	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
2,4-Dichlorophenol	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
Naphthalene	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
4-Chloroaniline	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
Hexachlorobutadiene	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
2-Methylnaphthalene	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	4,800	Soil	4	317254	06/29/23	06/29/23	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
2-Chloronaphthalene	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
2-Nitroaniline	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
Dimethylphthalate	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
Acenaphthylene	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
2,6-Dinitrotoluene	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
3-Nitroaniline	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
Acenaphthene	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
2,4-Dinitrophenol	ND		ug/Kg	4,800	Soil	4	317254	06/29/23	06/29/23	TJW
4-Nitrophenol	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
Dibenzofuran	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
2,4-Dinitrotoluene	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
Diethylphthalate	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
Fluorene	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
4-Nitroaniline	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
Hexachlorobenzene	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
Pentachlorophenol	ND		ug/Kg	4,800	Soil	4	317254	06/29/23	06/29/23	TJW

Analysis Results for 487499

487499-021 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Phenanthrene	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
Anthracene	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
Di-n-butylphthalate	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
Fluoranthene	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
Benidine	ND		ug/Kg	4,800	Soil	4	317254	06/29/23	06/29/23	TJW
Pyrene	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
Butylbenzylphthalate	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	4,800	Soil	4	317254	06/29/23	06/29/23	TJW
Benzo(a)anthracene	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
Chrysene	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
Di-n-octylphthalate	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
Benzo(b)fluoranthene	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
Benzo(k)fluoranthene	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
Benzo(a)pyrene	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	1,000	Soil	4	317254	06/29/23	06/29/23	TJW
Surrogates				Limits						
2-Fluorophenol	81%		%REC	29-120	Soil	4	317254	06/29/23	06/29/23	TJW
Phenol-d6	80%		%REC	30-120	Soil	4	317254	06/29/23	06/29/23	TJW
2,4,6-Tribromophenol	62%		%REC	32-120	Soil	4	317254	06/29/23	06/29/23	TJW
Nitrobenzene-d5	82%		%REC	33-120	Soil	4	317254	06/29/23	06/29/23	TJW
2-Fluorobiphenyl	77%		%REC	39-120	Soil	4	317254	06/29/23	06/29/23	TJW
Terphenyl-d14	80%		%REC	44-125	Soil	4	317254	06/29/23	06/29/23	TJW

Analysis Results for 487499

Sample ID: T-11-5.5'	Lab ID: 487499-022	Collected: 06/26/23 12:30
Matrix: Soil		

487499-022 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	316998	06/27/23	06/27/23	SBW
Arsenic	ND		mg/Kg	0.97	0.97	316998	06/27/23	06/27/23	SBW
Barium	29		mg/Kg	0.97	0.97	316998	06/27/23	06/27/23	SBW
Beryllium	ND		mg/Kg	0.49	0.97	316998	06/27/23	06/27/23	SBW
Cadmium	ND		mg/Kg	0.49	0.97	316998	06/27/23	06/27/23	SBW
Chromium	9.4		mg/Kg	0.97	0.97	316998	06/27/23	06/27/23	SBW
Cobalt	1.9		mg/Kg	0.49	0.97	316998	06/27/23	06/27/23	SBW
Copper	2.0		mg/Kg	0.97	0.97	316998	06/27/23	06/27/23	SBW
Lead	2.3		mg/Kg	0.97	0.97	316998	06/27/23	06/27/23	SBW
Molybdenum	ND		mg/Kg	0.97	0.97	316998	06/27/23	06/27/23	SBW
Nickel	1.6		mg/Kg	0.97	0.97	316998	06/27/23	06/27/23	SBW
Selenium	ND		mg/Kg	2.9	0.97	316998	06/27/23	06/27/23	SBW
Silver	ND		mg/Kg	0.49	0.97	316998	06/27/23	06/27/23	SBW
Thallium	ND		mg/Kg	2.9	0.97	316998	06/27/23	06/27/23	SBW
Vanadium	33		mg/Kg	0.97	0.97	316998	06/27/23	06/27/23	SBW
Zinc	10		mg/Kg	4.9	0.97	316998	06/27/23	06/27/23	SBW
Method: EPA 7471A									
Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	317030	06/27/23	06/28/23	KAM

ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1077911	Batch: 317558
Matrix: TCLP Leachate	Method: EPA 6010B	Prep Method: EPA 3010A

QC1077911 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Chromium	ND		mg/L	0.030	07/06/23	07/06/23
Lead	ND		mg/L	0.015	07/06/23	07/06/23

Type: Lab Control Sample	Lab ID: QC1077912	Batch: 317558
Matrix: TCLP Leachate	Method: EPA 6010B	Prep Method: EPA 3010A

QC1077912 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chromium	1.970	2.000	mg/L	98%		80-120
Lead	2.025	2.000	mg/L	101%		80-120

Type: Matrix Spike	Lab ID: QC1077913	Batch: 317558
Matrix (Source ID): TCLP Leachate (487499-001)	Method: EPA 6010B	Prep Method: EPA 3010A

QC1077913 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chromium	1.905	ND	2.000	mg/L	95%		75-125	1
Lead	2.352	0.4136	2.000	mg/L	97%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1077914	Batch: 317558
Matrix (Source ID): TCLP Leachate (487499-001)	Method: EPA 6010B	Prep Method: EPA 3010A

QC1077914 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chromium	1.941	ND	2.000	mg/L	97%		75-125	2	20	1
Lead	2.391	0.4136	2.000	mg/L	99%		75-125	2	20	1

Type: Blank	Lab ID: QC1078196	Batch: 317639
Matrix: WET Leachate	Method: EPA 6010B	Prep Method: METHOD

QC1078196 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Arsenic	ND		mg/L	0.30	07/07/23	07/07/23
Barium	ND		mg/L	0.30	07/07/23	07/07/23
Chromium	ND		mg/L	0.30	07/07/23	07/07/23
Copper	ND		mg/L	0.30	07/07/23	07/07/23
Lead	ND		mg/L	0.15	07/07/23	07/07/23

Batch QC

Type: Lab Control Sample	Lab ID: QC1078198	Batch: 317639
Matrix: WET Leachate	Method: EPA 6010B	Prep Method: METHOD

QC1078198 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Arsenic	4.193	4.000	mg/L	105%		80-120
Barium	3.953	4.000	mg/L	99%		80-120
Chromium	4.072	4.000	mg/L	102%		80-120
Copper	4.504	4.000	mg/L	113%		80-120
Lead	4.274	4.000	mg/L	107%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1078199	Batch: 317639
Matrix: WET Leachate	Method: EPA 6010B	Prep Method: METHOD

QC1078199 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim
Arsenic	4.087	4.000	mg/L	102%		80-120	3	20
Barium	3.831	4.000	mg/L	96%		80-120	3	20
Chromium	3.965	4.000	mg/L	99%		80-120	3	20
Copper	4.384	4.000	mg/L	110%		80-120	3	20
Lead	4.156	4.000	mg/L	104%		80-120	3	20

Type: Blank	Lab ID: QC1076101	Batch: 316998
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1076101 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	06/27/23	06/27/23
Arsenic	ND		mg/Kg	1.0	06/27/23	06/27/23
Barium	ND		mg/Kg	1.0	06/27/23	06/27/23
Beryllium	ND		mg/Kg	0.50	06/27/23	06/27/23
Cadmium	ND		mg/Kg	0.50	06/27/23	06/27/23
Chromium	ND		mg/Kg	1.0	06/27/23	06/27/23
Cobalt	ND		mg/Kg	0.50	06/27/23	06/27/23
Copper	ND		mg/Kg	1.0	06/27/23	06/27/23
Lead	ND		mg/Kg	1.0	06/27/23	06/27/23
Molybdenum	ND		mg/Kg	1.0	06/27/23	06/27/23
Nickel	ND		mg/Kg	1.0	06/27/23	06/27/23
Selenium	ND		mg/Kg	3.0	06/27/23	06/27/23
Silver	ND		mg/Kg	0.50	06/27/23	06/27/23
Thallium	ND		mg/Kg	3.0	06/27/23	06/27/23
Vanadium	ND		mg/Kg	1.0	06/27/23	06/27/23
Zinc	ND		mg/Kg	5.0	06/27/23	06/27/23

Batch QC

Type: Lab Control Sample	Lab ID: QC1076102	Batch: 316998
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1076102 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	80.14	100.0	mg/Kg	80%		80-120
Arsenic	89.87	100.0	mg/Kg	90%		80-120
Barium	84.39	100.0	mg/Kg	84%		80-120
Beryllium	83.75	100.0	mg/Kg	84%		80-120
Cadmium	83.48	100.0	mg/Kg	83%		80-120
Chromium	82.18	100.0	mg/Kg	82%		80-120
Cobalt	87.27	100.0	mg/Kg	87%		80-120
Copper	80.15	100.0	mg/Kg	80%		80-120
Lead	85.90	100.0	mg/Kg	86%		80-120
Molybdenum	85.84	100.0	mg/Kg	86%		80-120
Nickel	84.96	100.0	mg/Kg	85%		80-120
Selenium	84.69	100.0	mg/Kg	85%		80-120
Silver	46.02	50.00	mg/Kg	92%		80-120
Thallium	81.75	100.0	mg/Kg	82%		80-120
Vanadium	81.86	100.0	mg/Kg	82%		80-120
Zinc	84.66	100.0	mg/Kg	85%		80-120

Type: Matrix Spike	Lab ID: QC1076103	Batch: 316998
Matrix (Source ID): Soil (487499-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1076103 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	44.24	2.994	96.15	mg/Kg	43%	*	75-125	0.96
Arsenic	97.85	22.48	96.15	mg/Kg	78%		75-125	0.96
Barium	1,355	1279	96.15	mg/Kg	79%	NM	75-125	9.6
Beryllium	78.92	0.4494	96.15	mg/Kg	82%		75-125	0.96
Cadmium	78.28	2.588	96.15	mg/Kg	79%		75-125	0.96
Chromium	112.5	34.01	96.15	mg/Kg	82%		75-125	0.96
Cobalt	85.06	5.939	96.15	mg/Kg	82%		75-125	0.96
Copper	354.9	258.1	96.15	mg/Kg	101%		75-125	0.96
Lead	2,950	4212	96.15	mg/Kg	-1313%	NM	75-125	9.6
Molybdenum	74.79	1.590	96.15	mg/Kg	76%		75-125	0.96
Nickel	99.82	28.96	96.15	mg/Kg	74%	*	75-125	0.96
Selenium	65.49	2.278	96.15	mg/Kg	66%	*	75-125	0.96
Silver	42.26	4.671	48.08	mg/Kg	78%		75-125	0.96
Thallium	71.99	ND	96.15	mg/Kg	75%		75-125	0.96
Vanadium	110.9	32.19	96.15	mg/Kg	82%		75-125	0.96
Zinc	2,189	1902	96.15	mg/Kg	299%	NM	75-125	0.96

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1076104	Batch: 316998
Matrix (Source ID): Soil (487499-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1076104 Analyte	Result	Source Sample		Spiked	Units	Recovery	Qual	Limits	RPD		DF
		Result							RPD	Lim	
Antimony	39.95	2.994		98.04	mg/Kg	38%	*	75-125	12	41	0.98
Arsenic	100.3	22.48		98.04	mg/Kg	79%		75-125	1	35	0.98
Barium	1,242	1279		98.04	mg/Kg	-37%	NM	75-125	9	20	9.8
Beryllium	77.21	0.4494		98.04	mg/Kg	78%		75-125	4	20	0.98
Cadmium	76.77	2.588		98.04	mg/Kg	76%		75-125	4	20	0.98
Chromium	109.6	34.01		98.04	mg/Kg	77%		75-125	4	20	0.98
Cobalt	85.50	5.939		98.04	mg/Kg	81%		75-125	1	20	0.98
Copper	389.3	258.1		98.04	mg/Kg	134%	*	75-125	9	20	0.98
Lead	3,396	4212		98.04	mg/Kg	-832%	NM	75-125	14	20	9.8
Molybdenum	73.11	1.590		98.04	mg/Kg	73%	*	75-125	4	20	0.98
Nickel	108.6	28.96		98.04	mg/Kg	81%		75-125	7	20	0.98
Selenium	64.23	2.278		98.04	mg/Kg	63%	*	75-125	4	20	0.98
Silver	40.74	4.671		49.02	mg/Kg	74%	*	75-125	5	20	0.98
Thallium	70.50	ND		98.04	mg/Kg	72%	*	75-125	4	20	0.98
Vanadium	107.3	32.19		98.04	mg/Kg	77%		75-125	5	20	0.98
Zinc	2,369	1902		98.04	mg/Kg	477%	NM	75-125	8	20	0.98

Type: Post Digest Spike	Lab ID: QC1076105	Batch: 316998
Matrix (Source ID): Soil (487499-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1076105 Analyte	Result	Source Sample		Spiked	Units	Recovery	Qual	Limits	RPD		DF
		Result							RPD	Lim	
Antimony	82.80	2.994		95.24	mg/Kg	84%		75-125			0.95
Arsenic	99.93	22.48		95.24	mg/Kg	81%		75-125			0.95
Barium	1,372	1279		95.24	mg/Kg	98%	NM	75-125			9.5
Beryllium	82.27	0.4494		95.24	mg/Kg	86%		75-125			0.95
Cadmium	81.21	2.588		95.24	mg/Kg	83%		75-125			0.95
Chromium	111.7	34.01		95.24	mg/Kg	82%		75-125			0.95
Cobalt	87.39	5.939		95.24	mg/Kg	86%		75-125			0.95
Copper	338.6	258.1		95.24	mg/Kg	85%		75-125			0.95
Lead	4,273	4212		95.24	mg/Kg	64%	NM	75-125			9.5
Molybdenum	80.75	1.590		95.24	mg/Kg	83%		75-125			0.95
Nickel	107.5	28.96		95.24	mg/Kg	82%		75-125			0.95
Selenium	71.17	2.278		95.24	mg/Kg	72%	*	75-125			0.95
Silver	43.26	4.671		47.62	mg/Kg	81%		75-125			0.95
Thallium	76.49	ND		95.24	mg/Kg	80%		75-125			0.95
Vanadium	112.7	32.19		95.24	mg/Kg	85%		75-125			0.95
Zinc	1,966	1902		95.24	mg/Kg	67%	NM	75-125			0.95

Batch QC

Type: Blank	Lab ID: QC1077840	Batch: 317542
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1077840 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Lead	ND		mg/Kg	1.0	07/06/23	07/06/23

Type: Lab Control Sample	Lab ID: QC1077841	Batch: 317542
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1077841 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Lead	105.6	100.0	mg/Kg	106%		80-120

Type: Matrix Spike	Lab ID: QC1077842	Batch: 317542
Matrix (Source ID): Soil (487851-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1077842 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Lead	105.9	5.600	97.09	mg/Kg	103%		75-125	0.97

Type: Matrix Spike Duplicate	Lab ID: QC1077843	Batch: 317542
Matrix (Source ID): Soil (487851-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1077843 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Lead	108.1	5.600	99.01	mg/Kg	104%		75-125	0	20	0.99

Type: Post Digest Spike	Lab ID: QC1077844	Batch: 317542
Matrix (Source ID): Soil (487851-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1077844 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Lead	112.0	5.600	98.04	mg/Kg	109%		75-125	0.98

Batch QC

Type: Blank	Lab ID: QC1076770	Batch: 317212
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1076770 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	06/29/23	06/29/23
Arsenic	ND		mg/Kg	1.0	06/29/23	06/29/23
Barium	ND		mg/Kg	1.0	06/29/23	06/29/23
Beryllium	ND		mg/Kg	0.50	06/29/23	06/29/23
Cadmium	ND		mg/Kg	0.50	06/29/23	06/29/23
Chromium	ND		mg/Kg	1.0	06/29/23	06/29/23
Cobalt	ND		mg/Kg	0.50	06/29/23	06/29/23
Copper	ND		mg/Kg	1.0	06/29/23	06/29/23
Lead	ND		mg/Kg	1.0	06/29/23	06/29/23
Molybdenum	ND		mg/Kg	1.0	06/29/23	06/29/23
Nickel	ND		mg/Kg	1.0	06/29/23	06/29/23
Selenium	ND		mg/Kg	3.0	06/29/23	06/29/23
Silver	ND		mg/Kg	0.50	06/29/23	06/29/23
Thallium	ND		mg/Kg	3.0	06/29/23	06/29/23
Vanadium	ND		mg/Kg	1.0	06/29/23	06/29/23
Zinc	ND		mg/Kg	5.0	06/29/23	06/29/23

Type: Lab Control Sample	Lab ID: QC1076771	Batch: 317212
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1076771 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	92.29	100.0	mg/Kg	92%		80-120
Arsenic	89.59	100.0	mg/Kg	90%		80-120
Barium	96.80	100.0	mg/Kg	97%		80-120
Beryllium	93.50	100.0	mg/Kg	93%		80-120
Cadmium	94.20	100.0	mg/Kg	94%		80-120
Chromium	91.81	100.0	mg/Kg	92%		80-120
Cobalt	89.74	100.0	mg/Kg	90%		80-120
Copper	92.23	100.0	mg/Kg	92%		80-120
Lead	98.20	100.0	mg/Kg	98%		80-120
Molybdenum	91.42	100.0	mg/Kg	91%		80-120
Nickel	96.83	100.0	mg/Kg	97%		80-120
Selenium	83.34	100.0	mg/Kg	83%		80-120
Silver	41.40	50.00	mg/Kg	83%		80-120
Thallium	94.22	100.0	mg/Kg	94%		80-120
Vanadium	92.99	100.0	mg/Kg	93%		80-120
Zinc	95.48	100.0	mg/Kg	95%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1076772	Batch: 317212
Matrix (Source ID): Miscell. (487229-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1076772 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	67.58	ND	98.04	mg/Kg	69%	*	75-125	0.98
Arsenic	70.21	0.5208	98.04	mg/Kg	71%	*	75-125	0.98
Barium	146.0	74.69	98.04	mg/Kg	73%	*	75-125	0.98
Beryllium	71.70	ND	98.04	mg/Kg	73%	*	75-125	0.98
Cadmium	67.91	0.2606	98.04	mg/Kg	69%	*	75-125	0.98
Chromium	74.35	3.326	98.04	mg/Kg	72%	*	75-125	0.98
Cobalt	73.18	0.2474	98.04	mg/Kg	74%	*	75-125	0.98
Copper	115.9	36.12	98.04	mg/Kg	81%		75-125	0.98
Lead	71.49	2.000	98.04	mg/Kg	71%	*	75-125	0.98
Molybdenum	72.23	0.2752	98.04	mg/Kg	73%	*	75-125	0.98
Nickel	70.86	1.113	98.04	mg/Kg	71%	*	75-125	0.98
Selenium	64.22	ND	98.04	mg/Kg	66%	*	75-125	0.98
Silver	36.68	ND	49.02	mg/Kg	75%		75-125	0.98
Thallium	70.63	ND	98.04	mg/Kg	72%	*	75-125	0.98
Vanadium	78.33	4.187	98.04	mg/Kg	76%		75-125	0.98
Zinc	255.0	197.1	98.04	mg/Kg	59%	*	75-125	0.98

Type: Matrix Spike Duplicate	Lab ID: QC1076773	Batch: 317212
Matrix (Source ID): Miscell. (487229-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1076773 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Antimony	70.16	ND	100.0	mg/Kg	70%	*	75-125	2	41	1
Arsenic	73.46	0.5208	100.0	mg/Kg	73%	*	75-125	3	35	1
Barium	150.5	74.69	100.0	mg/Kg	76%		75-125	2	20	1
Beryllium	74.79	ND	100.0	mg/Kg	75%		75-125	2	20	1
Cadmium	70.75	0.2606	100.0	mg/Kg	70%	*	75-125	2	20	1
Chromium	77.62	3.326	100.0	mg/Kg	74%	*	75-125	2	20	1
Cobalt	76.42	0.2474	100.0	mg/Kg	76%		75-125	2	20	1
Copper	121.7	36.12	100.0	mg/Kg	86%		75-125	3	20	1
Lead	74.29	2.000	100.0	mg/Kg	72%	*	75-125	2	20	1
Molybdenum	75.12	0.2752	100.0	mg/Kg	75%		75-125	2	20	1
Nickel	73.95	1.113	100.0	mg/Kg	73%	*	75-125	2	20	1
Selenium	67.13	ND	100.0	mg/Kg	67%	*	75-125	2	20	1
Silver	37.99	ND	50.00	mg/Kg	76%		75-125	2	20	1
Thallium	73.22	ND	100.0	mg/Kg	73%	*	75-125	2	20	1
Vanadium	81.75	4.187	100.0	mg/Kg	78%		75-125	2	20	1
Zinc	269.3	197.1	100.0	mg/Kg	72%	*	75-125	5	20	1

Batch QC

Type: Post Digest Spike	Lab ID: QC1076774	Batch: 317212
Matrix (Source ID): Miscell. (487229-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1076774 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	89.92	ND	99.01	mg/Kg	91%		75-125	0.99
Arsenic	85.51	0.5208	99.01	mg/Kg	86%		75-125	0.99
Barium	160.9	74.69	99.01	mg/Kg	87%		75-125	0.99
Beryllium	86.98	ND	99.01	mg/Kg	88%		75-125	0.99
Cadmium	82.08	0.2606	99.01	mg/Kg	83%		75-125	0.99
Chromium	89.22	3.326	99.01	mg/Kg	87%		75-125	0.99
Cobalt	88.99	0.2474	99.01	mg/Kg	90%		75-125	0.99
Copper	133.9	36.12	99.01	mg/Kg	99%		75-125	0.99
Lead	86.06	2.000	99.01	mg/Kg	85%		75-125	0.99
Molybdenum	89.18	0.2752	99.01	mg/Kg	90%		75-125	0.99
Nickel	85.69	1.113	99.01	mg/Kg	85%		75-125	0.99
Selenium	79.35	ND	99.01	mg/Kg	80%		75-125	0.99
Silver	43.81	ND	49.50	mg/Kg	88%		75-125	0.99
Thallium	85.68	ND	99.01	mg/Kg	87%		75-125	0.99
Vanadium	93.84	4.187	99.01	mg/Kg	91%		75-125	0.99
Zinc	274.9	197.1	99.01	mg/Kg	79%		75-125	0.99

Type: Blank	Lab ID: QC1076187	Batch: 317030
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1076187 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	06/27/23	06/28/23

Type: Lab Control Sample	Lab ID: QC1076188	Batch: 317030
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1076188 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8631	0.8333	mg/Kg	104%		80-120

Type: Matrix Spike	Lab ID: QC1076189	Batch: 317030
Matrix (Source ID): Soil (487499-001)	Method: EPA 7471A	Prep Method: METHOD

QC1076189 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	1.345	0.7942	0.8772	mg/Kg		DO	75-125	42

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1076190	Batch: 317030
Matrix (Source ID): Soil (487499-001)	Method: EPA 7471A	Prep Method: METHOD

QC1076190 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	56.46	0.7942	0.9615	mg/Kg		DO	75-125		20	46

Type: Blank	Lab ID: QC1076785	Batch: 317215
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1076785 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	06/29/23	06/29/23

Type: Lab Control Sample	Lab ID: QC1076786	Batch: 317215
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1076786 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8165	0.8333	mg/Kg	98%		80-120

Type: Matrix Spike	Lab ID: QC1076787	Batch: 317215
Matrix (Source ID): Miscell. (487229-001)	Method: EPA 7471A	Prep Method: METHOD

QC1076787 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.9513	0.06774	0.9091	mg/Kg	97%		75-125	1.1

Type: Matrix Spike Duplicate	Lab ID: QC1076788	Batch: 317215
Matrix (Source ID): Miscell. (487229-001)	Method: EPA 7471A	Prep Method: METHOD

QC1076788 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	0.8894	0.06774	0.8475	mg/Kg	97%		75-125	0	20	1

Type: Blank	Lab ID: QC1076143	Batch: 317008
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 3580M

QC1076143 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH (C6-C12)	ND		mg/Kg	10	06/27/23	06/27/23
TPH (C13-C22)	ND		mg/Kg	10	06/27/23	06/27/23
TPH (C23-C44)	ND		mg/Kg	50	06/27/23	06/27/23
Surrogates				Limits		
n-Triacontane	115%		%REC	70-130	06/27/23	06/27/23

Batch QC

Type: Lab Control Sample	Lab ID: QC1076144	Batch: 317008
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 3580M

QC1076144 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	223.7	249.0	mg/Kg	90%		76-122
Surrogates						
n-Triacontane	10.93	9.960	mg/Kg	110%		70-130

Type: Matrix Spike	Lab ID: QC1076145	Batch: 317008
Matrix (Source ID): Soil (487499-009)	Method: EPA 8015B	Prep Method: EPA 3580M

QC1076145 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	218.6	ND	248.8	mg/Kg	88%		62-126	1
Surrogates								
n-Triacontane	10.44		9.950	mg/Kg	105%		70-130	1

Type: Matrix Spike Duplicate	Lab ID: QC1076146	Batch: 317008
Matrix (Source ID): Soil (487499-009)	Method: EPA 8015B	Prep Method: EPA 3580M

QC1076146 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	234.1	ND	247.9	mg/Kg	94%		62-126	7	35	0.99
Surrogates										
n-Triacontane	11.18		9.916	mg/Kg	113%		70-130			0.99

Type: Blank	Lab ID: QC1076797	Batch: 317220
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 3580M

QC1076797 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH (C6-C12)	ND		mg/Kg	10	06/29/23	06/29/23
TPH (C13-C22)	ND		mg/Kg	10	06/29/23	06/29/23
TPH (C23-C44)	ND		mg/Kg	50	06/29/23	06/29/23
Surrogates				Limits		
n-Triacontane	81%		%REC	70-130	06/29/23	06/29/23

Type: Lab Control Sample	Lab ID: QC1076798	Batch: 317220
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 3580M

QC1076798 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	224.2	249.0	mg/Kg	90%		76-122
Surrogates						
n-Triacontane	8.172	9.960	mg/Kg	82%		70-130

Batch QC

Type: Matrix Spike	Lab ID: QC1076799	Batch: 317220
Matrix (Source ID): Soil (487578-003)	Method: EPA 8015B	Prep Method: EPA 3580M

QC1076799 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	256.5	152.1	249.1	mg/Kg	42%	*	62-126	1
Surrogates								
n-Triacontane	8.306		9.965	mg/Kg	83%		70-130	1

Type: Matrix Spike Duplicate	Lab ID: QC1076800	Batch: 317220
Matrix (Source ID): Soil (487578-003)	Method: EPA 8015B	Prep Method: EPA 3580M

QC1076800 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	223.8	152.1	248.1	mg/Kg	29%	*	62-126	13	35	0.99
Surrogates										
n-Triacontane	8.259		9.926	mg/Kg	83%		70-130			0.99

Type: Lab Control Sample	Lab ID: QC1077437	Batch: 317411
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1077437 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	47.02	50.00	ug/Kg	94%		70-131
MTBE	42.72	50.00	ug/Kg	85%		69-130
Benzene	42.60	50.00	ug/Kg	85%		70-130
Trichloroethene	44.06	50.00	ug/Kg	88%		70-130
Toluene	43.97	50.00	ug/Kg	88%		70-130
Chlorobenzene	43.94	50.00	ug/Kg	88%		70-130
Surrogates						
Dibromofluoromethane	52.73	50.00	ug/Kg	105%		70-130
1,2-Dichloroethane-d4	55.07	50.00	ug/Kg	110%		70-145
Toluene-d8	50.02	50.00	ug/Kg	100%		70-145
Bromofluorobenzene	51.03	50.00	ug/Kg	102%		70-145

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1077438	Batch: 317411
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1077438 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	46.99	50.00	ug/Kg	94%		70-131	0	33
MTBE	44.86	50.00	ug/Kg	90%		69-130	5	30
Benzene	43.29	50.00	ug/Kg	87%		70-130	2	30
Trichloroethene	43.55	50.00	ug/Kg	87%		70-130	1	30
Toluene	43.40	50.00	ug/Kg	87%		70-130	1	30
Chlorobenzene	43.02	50.00	ug/Kg	86%		70-130	2	30
Surrogates								
Dibromofluoromethane	52.87	50.00	ug/Kg	106%		70-130		
1,2-Dichloroethane-d4	55.90	50.00	ug/Kg	112%		70-145		
Toluene-d8	49.73	50.00	ug/Kg	99%		70-145		
Bromofluorobenzene	50.47	50.00	ug/Kg	101%		70-145		

Batch QC

Type: Blank	Lab ID: QC1077441	Batch: 317411
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1077441 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	07/03/23	07/03/23
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	07/03/23	07/03/23
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	07/03/23	07/03/23
Isopropyl Ether (DIPE)	ND		ug/Kg	5.0	07/03/23	07/03/23
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.0	07/03/23	07/03/23
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	5.0	07/03/23	07/03/23
tert-Butyl Alcohol (TBA)	ND		ug/Kg	10	07/03/23	07/03/23
Freon 12	ND		ug/Kg	5.0	07/03/23	07/03/23
Chloromethane	ND		ug/Kg	5.0	07/03/23	07/03/23
Vinyl Chloride	ND		ug/Kg	5.0	07/03/23	07/03/23
Bromomethane	ND		ug/Kg	5.0	07/03/23	07/03/23
Chloroethane	ND		ug/Kg	5.0	07/03/23	07/03/23
Trichlorofluoromethane	ND		ug/Kg	5.0	07/03/23	07/03/23
Acetone	ND		ug/Kg	100	07/03/23	07/03/23
Freon 113	ND		ug/Kg	5.0	07/03/23	07/03/23
1,1-Dichloroethene	ND		ug/Kg	5.0	07/03/23	07/03/23
Methylene Chloride	ND		ug/Kg	5.0	07/03/23	07/03/23
MTBE	ND		ug/Kg	5.0	07/03/23	07/03/23
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	07/03/23	07/03/23
1,1-Dichloroethane	ND		ug/Kg	5.0	07/03/23	07/03/23
2-Butanone	ND		ug/Kg	100	07/03/23	07/03/23
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	07/03/23	07/03/23
2,2-Dichloropropane	ND		ug/Kg	5.0	07/03/23	07/03/23
Chloroform	ND		ug/Kg	5.0	07/03/23	07/03/23
Bromochloromethane	ND		ug/Kg	5.0	07/03/23	07/03/23
1,1,1-Trichloroethane	ND		ug/Kg	5.0	07/03/23	07/03/23
1,1-Dichloropropene	ND		ug/Kg	5.0	07/03/23	07/03/23
Carbon Tetrachloride	ND		ug/Kg	5.0	07/03/23	07/03/23
1,2-Dichloroethane	ND		ug/Kg	5.0	07/03/23	07/03/23
Benzene	ND		ug/Kg	5.0	07/03/23	07/03/23
Trichloroethene	ND		ug/Kg	5.0	07/03/23	07/03/23
1,2-Dichloropropane	ND		ug/Kg	5.0	07/03/23	07/03/23
Bromodichloromethane	ND		ug/Kg	5.0	07/03/23	07/03/23
Dibromomethane	ND		ug/Kg	5.0	07/03/23	07/03/23
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	07/03/23	07/03/23
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	07/03/23	07/03/23
Toluene	ND		ug/Kg	5.0	07/03/23	07/03/23
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	07/03/23	07/03/23
1,1,2-Trichloroethane	ND		ug/Kg	5.0	07/03/23	07/03/23
1,3-Dichloropropane	ND		ug/Kg	5.0	07/03/23	07/03/23
Tetrachloroethene	ND		ug/Kg	5.0	07/03/23	07/03/23
Dibromochloromethane	ND		ug/Kg	5.0	07/03/23	07/03/23

Batch QC

QC1077441 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,2-Dibromoethane	ND		ug/Kg	5.0	07/03/23	07/03/23
Chlorobenzene	ND		ug/Kg	5.0	07/03/23	07/03/23
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	07/03/23	07/03/23
Ethylbenzene	ND		ug/Kg	5.0	07/03/23	07/03/23
m,p-Xylenes	ND		ug/Kg	10	07/03/23	07/03/23
o-Xylene	ND		ug/Kg	5.0	07/03/23	07/03/23
Styrene	ND		ug/Kg	5.0	07/03/23	07/03/23
Bromoform	ND		ug/Kg	5.0	07/03/23	07/03/23
Isopropylbenzene	ND		ug/Kg	5.0	07/03/23	07/03/23
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	07/03/23	07/03/23
1,2,3-Trichloropropane	ND		ug/Kg	5.0	07/03/23	07/03/23
Propylbenzene	ND		ug/Kg	5.0	07/03/23	07/03/23
Bromobenzene	ND		ug/Kg	5.0	07/03/23	07/03/23
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	07/03/23	07/03/23
2-Chlorotoluene	ND		ug/Kg	5.0	07/03/23	07/03/23
4-Chlorotoluene	ND		ug/Kg	5.0	07/03/23	07/03/23
tert-Butylbenzene	ND		ug/Kg	5.0	07/03/23	07/03/23
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	07/03/23	07/03/23
sec-Butylbenzene	ND		ug/Kg	5.0	07/03/23	07/03/23
para-Isopropyl Toluene	ND		ug/Kg	5.0	07/03/23	07/03/23
1,3-Dichlorobenzene	ND		ug/Kg	5.0	07/03/23	07/03/23
1,4-Dichlorobenzene	ND		ug/Kg	5.0	07/03/23	07/03/23
n-Butylbenzene	ND		ug/Kg	5.0	07/03/23	07/03/23
1,2-Dichlorobenzene	ND		ug/Kg	5.0	07/03/23	07/03/23
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	07/03/23	07/03/23
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	07/03/23	07/03/23
Hexachlorobutadiene	ND		ug/Kg	5.0	07/03/23	07/03/23
Naphthalene	ND		ug/Kg	5.0	07/03/23	07/03/23
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	07/03/23	07/03/23
Xylene (total)	ND		ug/Kg	5.0	07/03/23	07/03/23
Surrogates				Limits		
Dibromofluoromethane	103%		%REC	70-130	07/03/23	07/03/23
1,2-Dichloroethane-d4	107%		%REC	70-145	07/03/23	07/03/23
Toluene-d8	98%		%REC	70-145	07/03/23	07/03/23
Bromofluorobenzene	93%		%REC	70-145	07/03/23	07/03/23

Batch QC

Type: Blank	Lab ID: QC1077525	Batch: 317440
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1077525 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	07/05/23	07/05/23
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	07/05/23	07/05/23
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	07/05/23	07/05/23
Isopropyl Ether (DIPE)	ND		ug/Kg	5.0	07/05/23	07/05/23
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.0	07/05/23	07/05/23
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	5.0	07/05/23	07/05/23
tert-Butyl Alcohol (TBA)	ND		ug/Kg	10	07/05/23	07/05/23
Freon 12	ND		ug/Kg	5.0	07/05/23	07/05/23
Chloromethane	ND		ug/Kg	5.0	07/05/23	07/05/23
Vinyl Chloride	ND		ug/Kg	5.0	07/05/23	07/05/23
Bromomethane	ND		ug/Kg	5.0	07/05/23	07/05/23
Chloroethane	ND		ug/Kg	5.0	07/05/23	07/05/23
Trichlorofluoromethane	ND		ug/Kg	5.0	07/05/23	07/05/23
Acetone	ND		ug/Kg	100	07/05/23	07/05/23
Freon 113	ND		ug/Kg	5.0	07/05/23	07/05/23
1,1-Dichloroethene	ND		ug/Kg	5.0	07/05/23	07/05/23
Methylene Chloride	ND		ug/Kg	5.0	07/05/23	07/05/23
MTBE	ND		ug/Kg	5.0	07/05/23	07/05/23
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	07/05/23	07/05/23
1,1-Dichloroethane	ND		ug/Kg	5.0	07/05/23	07/05/23
2-Butanone	ND		ug/Kg	100	07/05/23	07/05/23
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	07/05/23	07/05/23
2,2-Dichloropropane	ND		ug/Kg	5.0	07/05/23	07/05/23
Chloroform	ND		ug/Kg	5.0	07/05/23	07/05/23
Bromochloromethane	ND		ug/Kg	5.0	07/05/23	07/05/23
1,1,1-Trichloroethane	ND		ug/Kg	5.0	07/05/23	07/05/23
1,1-Dichloropropene	ND		ug/Kg	5.0	07/05/23	07/05/23
Carbon Tetrachloride	ND		ug/Kg	5.0	07/05/23	07/05/23
1,2-Dichloroethane	ND		ug/Kg	5.0	07/05/23	07/05/23
Benzene	ND		ug/Kg	5.0	07/05/23	07/05/23
Trichloroethene	ND		ug/Kg	5.0	07/05/23	07/05/23
1,2-Dichloropropane	ND		ug/Kg	5.0	07/05/23	07/05/23
Bromodichloromethane	ND		ug/Kg	5.0	07/05/23	07/05/23
Dibromomethane	ND		ug/Kg	5.0	07/05/23	07/05/23
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	07/05/23	07/05/23
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	07/05/23	07/05/23
Toluene	ND		ug/Kg	5.0	07/05/23	07/05/23
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	07/05/23	07/05/23
1,1,2-Trichloroethane	ND		ug/Kg	5.0	07/05/23	07/05/23
1,3-Dichloropropane	ND		ug/Kg	5.0	07/05/23	07/05/23
Tetrachloroethene	ND		ug/Kg	5.0	07/05/23	07/05/23
Dibromochloromethane	ND		ug/Kg	5.0	07/05/23	07/05/23

Batch QC

QC1077525 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,2-Dibromoethane	ND		ug/Kg	5.0	07/05/23	07/05/23
Chlorobenzene	ND		ug/Kg	5.0	07/05/23	07/05/23
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	07/05/23	07/05/23
Ethylbenzene	ND		ug/Kg	5.0	07/05/23	07/05/23
m,p-Xylenes	ND		ug/Kg	10	07/05/23	07/05/23
o-Xylene	ND		ug/Kg	5.0	07/05/23	07/05/23
Styrene	ND		ug/Kg	5.0	07/05/23	07/05/23
Bromoform	ND		ug/Kg	5.0	07/05/23	07/05/23
Isopropylbenzene	ND		ug/Kg	5.0	07/05/23	07/05/23
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	07/05/23	07/05/23
1,2,3-Trichloropropane	ND		ug/Kg	5.0	07/05/23	07/05/23
Propylbenzene	ND		ug/Kg	5.0	07/05/23	07/05/23
Bromobenzene	ND		ug/Kg	5.0	07/05/23	07/05/23
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	07/05/23	07/05/23
2-Chlorotoluene	ND		ug/Kg	5.0	07/05/23	07/05/23
4-Chlorotoluene	ND		ug/Kg	5.0	07/05/23	07/05/23
tert-Butylbenzene	ND		ug/Kg	5.0	07/05/23	07/05/23
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	07/05/23	07/05/23
sec-Butylbenzene	ND		ug/Kg	5.0	07/05/23	07/05/23
para-Isopropyl Toluene	ND		ug/Kg	5.0	07/05/23	07/05/23
1,3-Dichlorobenzene	ND		ug/Kg	5.0	07/05/23	07/05/23
1,4-Dichlorobenzene	ND		ug/Kg	5.0	07/05/23	07/05/23
n-Butylbenzene	ND		ug/Kg	5.0	07/05/23	07/05/23
1,2-Dichlorobenzene	ND		ug/Kg	5.0	07/05/23	07/05/23
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	07/05/23	07/05/23
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	07/05/23	07/05/23
Hexachlorobutadiene	ND		ug/Kg	5.0	07/05/23	07/05/23
Naphthalene	ND		ug/Kg	5.0	07/05/23	07/05/23
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	07/05/23	07/05/23
Xylene (total)	ND		ug/Kg	5.0	07/05/23	07/05/23
Surrogates				Limits		
Dibromofluoromethane	104%		%REC	70-130	07/05/23	07/05/23
1,2-Dichloroethane-d4	109%		%REC	70-145	07/05/23	07/05/23
Toluene-d8	100%		%REC	70-145	07/05/23	07/05/23
Bromofluorobenzene	97%		%REC	70-145	07/05/23	07/05/23

Batch QC

Type: Lab Control Sample	Lab ID: QC1077526	Batch: 317440
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1077526 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	50.02	50.00	ug/Kg	100%		70-131
MTBE	43.63	50.00	ug/Kg	87%		69-130
Benzene	44.70	50.00	ug/Kg	89%		70-130
Trichloroethene	45.40	50.00	ug/Kg	91%		70-130
Toluene	45.74	50.00	ug/Kg	91%		70-130
Chlorobenzene	46.51	50.00	ug/Kg	93%		70-130
Surrogates						
Dibromofluoromethane	51.25	50.00	ug/Kg	102%		70-130
1,2-Dichloroethane-d4	53.81	50.00	ug/Kg	108%		70-145
Toluene-d8	50.52	50.00	ug/Kg	101%		70-145
Bromofluorobenzene	51.73	50.00	ug/Kg	103%		70-145

Type: Lab Control Sample Duplicate	Lab ID: QC1077527	Batch: 317440
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1077527 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim
1,1-Dichloroethene	49.65	50.00	ug/Kg	99%		70-131	1	33
MTBE	45.43	50.00	ug/Kg	91%		69-130	4	30
Benzene	44.89	50.00	ug/Kg	90%		70-130	0	30
Trichloroethene	44.75	50.00	ug/Kg	90%		70-130	1	30
Toluene	45.37	50.00	ug/Kg	91%		70-130	1	30
Chlorobenzene	44.89	50.00	ug/Kg	90%		70-130	4	30
Surrogates								
Dibromofluoromethane	52.08	50.00	ug/Kg	104%		70-130		
1,2-Dichloroethane-d4	54.49	50.00	ug/Kg	109%		70-145		
Toluene-d8	49.97	50.00	ug/Kg	100%		70-145		
Bromofluorobenzene	51.52	50.00	ug/Kg	103%		70-145		

Batch QC

Type: Blank	Lab ID: QC1077035	Batch: 317254
Matrix: Soil	Method: EPA 8270C	Prep Method: EPA 3546

QC1077035 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Carbazole	ND		ug/Kg	250	06/29/23	06/29/23
1-Methylnaphthalene	ND		ug/Kg	250	06/29/23	06/29/23
Pyridine	ND		ug/Kg	250	06/29/23	06/29/23
N-Nitrosodimethylamine	ND		ug/Kg	250	06/29/23	06/29/23
Phenol	ND		ug/Kg	250	06/29/23	06/29/23
Aniline	ND		ug/Kg	250	06/29/23	06/29/23
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	06/29/23	06/29/23
2-Chlorophenol	ND		ug/Kg	250	06/29/23	06/29/23
1,3-Dichlorobenzene	ND		ug/Kg	250	06/29/23	06/29/23
1,4-Dichlorobenzene	ND		ug/Kg	250	06/29/23	06/29/23
Benzyl alcohol	ND		ug/Kg	250	06/29/23	06/29/23
1,2-Dichlorobenzene	ND		ug/Kg	250	06/29/23	06/29/23
2-Methylphenol	ND		ug/Kg	250	06/29/23	06/29/23
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	06/29/23	06/29/23
3-,4-Methylphenol	ND		ug/Kg	400	06/29/23	06/29/23
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	06/29/23	06/29/23
Hexachloroethane	ND		ug/Kg	250	06/29/23	06/29/23
Nitrobenzene	ND		ug/Kg	1,200	06/29/23	06/29/23
Isophorone	ND		ug/Kg	250	06/29/23	06/29/23
2-Nitrophenol	ND		ug/Kg	250	06/29/23	06/29/23
2,4-Dimethylphenol	ND		ug/Kg	250	06/29/23	06/29/23
Benzoic acid	ND		ug/Kg	1,200	06/29/23	06/29/23
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	06/29/23	06/29/23
2,4-Dichlorophenol	ND		ug/Kg	250	06/29/23	06/29/23
1,2,4-Trichlorobenzene	ND		ug/Kg	250	06/29/23	06/29/23
Naphthalene	ND		ug/Kg	250	06/29/23	06/29/23
4-Chloroaniline	ND		ug/Kg	250	06/29/23	06/29/23
Hexachlorobutadiene	ND		ug/Kg	250	06/29/23	06/29/23
4-Chloro-3-methylphenol	ND		ug/Kg	250	06/29/23	06/29/23
2-Methylnaphthalene	ND		ug/Kg	250	06/29/23	06/29/23
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	06/29/23	06/29/23
2,4,6-Trichlorophenol	ND		ug/Kg	250	06/29/23	06/29/23
2,4,5-Trichlorophenol	ND		ug/Kg	250	06/29/23	06/29/23
2-Chloronaphthalene	ND		ug/Kg	250	06/29/23	06/29/23
2-Nitroaniline	ND		ug/Kg	250	06/29/23	06/29/23
Dimethylphthalate	ND		ug/Kg	250	06/29/23	06/29/23
Acenaphthylene	ND		ug/Kg	250	06/29/23	06/29/23
2,6-Dinitrotoluene	ND		ug/Kg	250	06/29/23	06/29/23
3-Nitroaniline	ND		ug/Kg	250	06/29/23	06/29/23
Acenaphthene	ND		ug/Kg	250	06/29/23	06/29/23
2,4-Dinitrophenol	ND		ug/Kg	1,200	06/29/23	06/29/23
4-Nitrophenol	ND		ug/Kg	250	06/29/23	06/29/23

Batch QC

QC1077035 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Dibenzofuran	ND		ug/Kg	250	06/29/23	06/29/23
2,4-Dinitrotoluene	ND		ug/Kg	250	06/29/23	06/29/23
Diethylphthalate	ND		ug/Kg	250	06/29/23	06/29/23
Fluorene	ND		ug/Kg	250	06/29/23	06/29/23
4-Chlorophenyl-phenylether	ND		ug/Kg	250	06/29/23	06/29/23
4-Nitroaniline	ND		ug/Kg	250	06/29/23	06/29/23
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	06/29/23	06/29/23
N-Nitrosodiphenylamine	ND		ug/Kg	250	06/29/23	06/29/23
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	06/29/23	06/29/23
4-Bromophenyl-phenylether	ND		ug/Kg	250	06/29/23	06/29/23
Hexachlorobenzene	ND		ug/Kg	250	06/29/23	06/29/23
Pentachlorophenol	ND		ug/Kg	1,200	06/29/23	06/29/23
Phenanthrene	ND		ug/Kg	250	06/29/23	06/29/23
Anthracene	ND		ug/Kg	250	06/29/23	06/29/23
Di-n-butylphthalate	ND		ug/Kg	250	06/29/23	06/29/23
Fluoranthene	ND		ug/Kg	250	06/29/23	06/29/23
Benzidine	ND		ug/Kg	1,200	06/29/23	06/29/23
Pyrene	ND		ug/Kg	250	06/29/23	06/29/23
Butylbenzylphthalate	ND		ug/Kg	250	06/29/23	06/29/23
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	06/29/23	06/29/23
Benzo(a)anthracene	ND		ug/Kg	250	06/29/23	06/29/23
Chrysene	ND		ug/Kg	250	06/29/23	06/29/23
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	06/29/23	06/29/23
Di-n-octylphthalate	ND		ug/Kg	250	06/29/23	06/29/23
Benzo(b)fluoranthene	ND		ug/Kg	250	06/29/23	06/29/23
Benzo(k)fluoranthene	ND		ug/Kg	250	06/29/23	06/29/23
Benzo(a)pyrene	ND		ug/Kg	250	06/29/23	06/29/23
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	06/29/23	06/29/23
Dibenz(a,h)anthracene	ND		ug/Kg	250	06/29/23	06/29/23
Benzo(g,h,i)perylene	ND		ug/Kg	250	06/29/23	06/29/23
Surrogates				Limits		
2-Fluorophenol	92%		%REC	29-120	06/29/23	06/29/23
Phenol-d6	94%		%REC	30-120	06/29/23	06/29/23
2,4,6-Tribromophenol	76%		%REC	32-120	06/29/23	06/29/23
Nitrobenzene-d5	88%		%REC	33-120	06/29/23	06/29/23
2-Fluorobiphenyl	87%		%REC	39-120	06/29/23	06/29/23
Terphenyl-d14	92%		%REC	44-125	06/29/23	06/29/23

Batch QC

Type: Lab Control Sample	Lab ID: QC1077036	Batch: 317254
Matrix: Soil	Method: EPA 8270C	Prep Method: EPA 3546

QC1077036 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Phenol	4,467	3750	ug/Kg	119%		42-120
2-Chlorophenol	4,005	3750	ug/Kg	107%		41-120
1,4-Dichlorobenzene	4,009	3750	ug/Kg	107%		36-120
3-,4-Methylphenol	4,265	3750	ug/Kg	114%		42-120
N-Nitroso-di-n-propylamine	4,024	3750	ug/Kg	107%		43-121
2,4-Dimethylphenol	3,873	3750	ug/Kg	103%		25-120
1,2,4-Trichlorobenzene	3,830	3750	ug/Kg	102%		38-120
4-Chloro-3-methylphenol	4,153	3750	ug/Kg	111%		40-125
2,4,5-Trichlorophenol	4,073	3750	ug/Kg	109%		40-124
Acenaphthene	4,016	3750	ug/Kg	107%		35-126
4-Nitrophenol	3,468	3750	ug/Kg	92%		24-128
2,4-Dinitrotoluene	4,320	3750	ug/Kg	115%		40-131
Pentachlorophenol	2,940	3750	ug/Kg	78%		35-120
Pyrene	4,151	3750	ug/Kg	111%		37-135
Chrysene	3,821	3750	ug/Kg	102%		38-132
Benzo(b)fluoranthene	4,277	3750	ug/Kg	114%		38-135
Surrogates						
2-Fluorophenol	2,047	2000	ug/Kg	102%		29-120
Phenol-d6	2,159	2000	ug/Kg	108%		30-120
2,4,6-Tribromophenol	1,992	2000	ug/Kg	100%		32-120
Nitrobenzene-d5	2,001	2000	ug/Kg	100%		33-120
2-Fluorobiphenyl	1,922	2000	ug/Kg	96%		39-120
Terphenyl-d14	2,024	2000	ug/Kg	101%		44-125

Batch QC

Type: Matrix Spike	Lab ID: QC1077037	Batch: 317254
Matrix (Source ID): Soil (487562-001)	Method: EPA 8270C	Prep Method: EPA 3546

QC1077037 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Phenol	3,701	ND	3750	ug/Kg	99%		37-120	5
2-Chlorophenol	3,625	ND	3750	ug/Kg	97%		33-120	5
1,4-Dichlorobenzene	3,930	ND	3750	ug/Kg	105%		32-120	5
3-,4-Methylphenol	3,224	ND	3750	ug/Kg	86%		37-120	5
N-Nitroso-di-n-propylamine	3,915	ND	3750	ug/Kg	104%		32-120	5
2,4-Dimethylphenol	1,738	ND	3750	ug/Kg	46%		32-120	5
1,2,4-Trichlorobenzene	3,859	ND	3750	ug/Kg	103%		33-120	5
4-Chloro-3-methylphenol	2,826	ND	3750	ug/Kg	75%		41-121	5
2,4,5-Trichlorophenol	3,007	ND	3750	ug/Kg	80%		40-120	5
Acenaphthene	3,432	ND	3750	ug/Kg	92%		37-120	5
4-Nitrophenol	2,716	ND	3750	ug/Kg	72%		20-141	5
2,4-Dinitrotoluene	3,073	ND	3750	ug/Kg	82%		33-128	5
Pentachlorophenol	3,429	ND	3750	ug/Kg		DO	28-132	5
Pyrene	3,326	ND	3750	ug/Kg	89%		39-135	5
Chrysene	3,242	ND	3750	ug/Kg	86%		37-135	5
Benzo(b)fluoranthene	3,388	ND	3750	ug/Kg	90%		34-139	5
Surrogates								
2-Fluorophenol	1,669		2000	ug/Kg	83%		29-120	5
Phenol-d6	1,770		2000	ug/Kg	89%		30-120	5
2,4,6-Tribromophenol	1,303		2000	ug/Kg	65%		32-120	5
Nitrobenzene-d5	1,929		2000	ug/Kg	96%		33-120	5
2-Fluorobiphenyl	1,586		2000	ug/Kg	79%		39-120	5
Terphenyl-d14	1,571		2000	ug/Kg	79%		44-125	5

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1077038	Batch: 317254
Matrix (Source ID): Soil (487562-001)	Method: EPA 8270C	Prep Method: EPA 3546

QC1077038 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Phenol	3,833	ND	3713	ug/Kg	103%		37-120	4	49	5
2-Chlorophenol	3,711	ND	3713	ug/Kg	100%		33-120	3	52	5
1,4-Dichlorobenzene	3,940	ND	3713	ug/Kg	106%		32-120	1	50	5
3-,4-Methylphenol	3,380	ND	3713	ug/Kg	91%		37-120	6	54	5
N-Nitroso-di-n-propylamine	4,114	ND	3713	ug/Kg	111%		32-120	6	50	5
2,4-Dimethylphenol	1,910	ND	3713	ug/Kg	51%		32-120	10	50	5
1,2,4-Trichlorobenzene	3,945	ND	3713	ug/Kg	106%		33-120	3	50	5
4-Chloro-3-methylphenol	2,808	ND	3713	ug/Kg	76%		41-121	0	43	5
2,4,5-Trichlorophenol	3,035	ND	3713	ug/Kg	82%		40-120	2	47	5
Acenaphthene	3,322	ND	3713	ug/Kg	89%		37-120	2	48	5
4-Nitrophenol	2,760	ND	3713	ug/Kg	74%		20-141	3	30	5
2,4-Dinitrotoluene	3,087	ND	3713	ug/Kg	83%		33-128	1	50	5
Pentachlorophenol	3,425	ND	3713	ug/Kg		DO	28-132		30	5
Pyrene	3,252	ND	3713	ug/Kg	88%		39-135	1	41	5
Chrysene	3,121	ND	3713	ug/Kg	84%		37-135	3	46	5
Benzo(b)fluoranthene	3,421	ND	3713	ug/Kg	92%		34-139	2	47	5
Surrogates										
2-Fluorophenol	1,689		1980	ug/Kg	85%		29-120			5
Phenol-d6	1,814		1980	ug/Kg	92%		30-120			5
2,4,6-Tribromophenol	1,256		1980	ug/Kg	63%		32-120			5
Nitrobenzene-d5	2,002		1980	ug/Kg	101%		33-120			5
2-Fluorobiphenyl	1,557		1980	ug/Kg	79%		39-120			5
Terphenyl-d14	1,498		1980	ug/Kg	76%		44-125			5

* Value is outside QC limits
 DO Diluted Out
 ND Not Detected
 NM Not Meaningful



ENTHALPY
ANALYTICAL

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

enthalpy.com

Lab Job Number: 487583
Report Level: II
Report Date: 06/30/2023

Analytical Report *prepared for:*

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

Project: MIDWAY RISING - Sports Arena

Authorized for release by:

Ranjit K Clarke, Client Services Manager
(714) 771-9906
Ranjit.Clarke@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

Sample Summary

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

Lab Job #: 487583
Project No: MIDWAY RISING
Location: Sports Arena
Date Received: 06/27/23

Sample ID	Lab ID	Collected	Matrix
T-12-2	487583-001	06/27/23 07:27	Soil
T-12-5	487583-002	06/27/23 07:29	Soil
T-13-2.5	487583-003	06/27/23 07:51	Soil
T-13-3-NE	487583-004	06/27/23 08:08	Soil
T-13-3-SW	487583-005	06/27/23 08:45	Soil
T-14-3.5	487583-006	06/27/23 09:30	Soil
T-14-5	487583-007	06/27/23 09:32	Soil
T-15-3.5	487583-008	06/27/23 09:49	Soil
T-15-5	487583-009	06/27/23 09:52	Soil
T-16-3	487583-010	06/27/23 10:08	Soil
T-13-7	487583-011	06/27/23 10:41	Soil
T-16-5.5	487583-012	06/27/23 10:20	Soil
T-17 4'	487583-013	06/27/23 10:52	Soil
T-17 5'	487583-014	06/27/23 10:58	Soil
T-18 4'	487583-015	06/27/23 11:45	Soil
T-18 1.5'	487583-016	06/27/23 11:42	Soil

Case Narrative

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

Lab Job Number: 487583
Project No: MIDWAY RISING
Location: Sports Arena
Date Received: 06/27/23

This data package contains sample and QC results for sixteen soil samples, requested for the above referenced project on 06/27/23. The samples were received cold and intact.

TPH-Extractables by GC (EPA 8015M):

- High surrogate recovery was observed for n-triacontane in T-16-5.5 (lab # 487583-012); no target analytes were detected in the sample.
- T-13-3-NE (lab # 487583-004) was diluted due to the dark color of the sample extract.
- No other analytical problems were encountered.


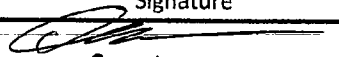





Volatile Organics by GC/MS (EPA 8260B):

No analytical problems were encountered.

Metals (EPA 6010B and EPA 7471A):

- Low recoveries were observed for lead and antimony in the MS/MSD of T-12-2 (lab # 487583-001); the LCS was within limits, and the associated RPDs were within limits.
- Low recovery was observed for selenium in the post digest spike of T-12-2 (lab # 487583-001); the LCS was within limits.
- No other analytical problems were encountered.




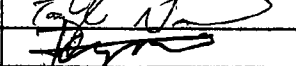
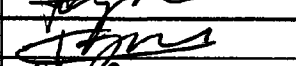
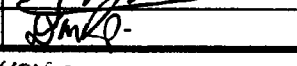
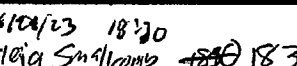
1012

 ENTHALPY ANALYTICAL		Chain of Custody Record Lab No: 487583 Page: _____ of _____			Turn Around Time (rush by advanced notice only)						
		Standard: _____ 2 Day: _____			5 Day: _____ 1 Day: _____		3 Day: <input checked="" type="checkbox"/> X 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 Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other				Preservatives: 1 = Na ₂ S ₂ O ₃ 2 = HCl 3 = HNO ₃ 4 = H ₂ SO ₄ 5 = NaOH 6 = Other		Sample Receipt Temp: 5.311.2 <small>(lab use only)</small>		
CUSTOMER INFORMATION			PROJECT INFORMATION			Analysis Request			Test Instructions / Comments		
Company: SCS Engineers Report To: Chuck Houser Email: chouser@scsengineers.com Address: Phone: (858) 805-5523 Fax:			Name: Sports Arena Number: P.O. #: 01213320.07 Address: Global ID: Sampled By: C. Houser			Lead <input checked="" type="checkbox"/> X TPH <input checked="" type="checkbox"/> X TSS <input checked="" type="checkbox"/> X TSS <input checked="" type="checkbox"/> X VOA <input checked="" type="checkbox"/> X VOCs <input checked="" type="checkbox"/> X SVOCs <input checked="" type="checkbox"/> X			Report to: Chuck Houser chouser@scsengineers.com Garrett Lepine glepine@scsengineers.com		
Sample ID		Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.					
1 T-12-2		6/27	7:27	S	802	None					
2 T-12-3			7:29								
3 T-13-2.5			7:51								
4 T-13-3-NE			8:08								
5 T-13-3-SW			8:45								
6 T-14-3.5			9:30								
7 T-14-5			9:30								
8 T-15-3.5			9:49								
9 T-15-5			9:52								
10 T-16-3			10:08								
		Signature		Print Name		Company / Title		Date / Time			
1 Relinquished By:				Chuck Houser		SCS		6/27/23 1500			
1 Received By:				TAYLOR NASH		EA-SD		6/27/23 1500			
2 Relinquished By:				TAYLOR NASH		EA-SD		6/28/23 1400			
2 Received By:				MICHAEL TANWAR		EA-SD		6/28/23 1410			
3 Relinquished By:				MICHAEL TANWAR		EA-SD		6/28/23 1530			
3 Received By:				Derek Padilla		EA		6/28/23 1530			

LEA: Derek P. EA 6/28/23 15:30

REC:  Amalika Srinivasan EA 6/28/23 15:30

2 of 2

 ENTHALPY ANALYTICAL		Chain of Custody Record			Turn Around Time (rush by advanced notice only)					
		Lab No: 487583	Page: _____ of _____		Standard:	5 Day:	3 Day:	X		
Enthalpy Analytical - Orange 931 W. Barkley Avenue, Orange, CA 92868 Phone 714-771-6900		Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other			Preservatives: 1 = Na ₂ S ₂ O ₃ 2 = HCl 3 = HNO ₃ 4 = H ₂ SO ₄ 5 = NaOH 6 = Other		Sample Receipt Temp: 5.3/1.2 (lab use only)			
CUSTOMER INFORMATION		PROJECT INFORMATION			Analysis Request			Test Instructions / Comments		
Company:	SCS Engineers	Name:	Sports Arena			Lead T-H-22-1 T-H-1 X VCCS 8/26/05			Report to: Chuck Houser chouser@scsengineers.com Garrett Lepine glepine@scsengineers.com	
Report To:	Chuck Houser	Number:								
Email:	chouser@scsengineers.com	P.O. #:	01213320.07							
Address:		Address:								
Phone:	(858) 805-5523	Global ID:								
Fax:		Sampled By:	C. Houser							
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.					
1 T-13-7	6/27	10:41	S	807	Shell Sand					
2 T-16-5.5		10:20								
3 T-17 4'		10:52								
4 T-17 5'		10:58								
5 T-18 4'		11:45								
6 T-18 1.5'		11:42								
7										
8										
9										
10										
	Signature	Print Name	Company / Title	Date / Time						
1 Relinquished By:		Chuck Houser	SCS	6/27/23 1500						
1 Received By:		TAYLOR NASH	EA-SD	6/27/23 1500						
2 Relinquished By:		TAYLOR NASH	EA-SD	6/28/23 1415						
2 Received By:		MICHAEL TANWANGO	EA-SD	6/28/23 1410						
3 Relinquished By:		MICHAEL TANWANGO	EA-SP	6/28/23 1530						
3 Received By:		Derek Padilla	EA	6/28/23 1530						

LAB: Purge EA 6/28/23 1830
 VCI: C-2 Ann 6/29/23 Smallcomb 1830 AS 6/28/23



ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: SCS Engineers

Project: Sports Arena

Date Received: 6/28/23

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: 9.3 #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: 1.2 #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

487583

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: 6/28/23

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

Sample Acceptance Checklist - Rev 4, 8/8/2017

Analysis Results for 487583

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

Lab Job #: 487583
 Project No: MIDWAY RISING
 Location: Sports Arena
 Date Received: 06/27/23

Sample ID: T-12-2 Lab ID: 487583-001 Collected: 06/27/23 07:27
Matrix: Soil

487583-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B									
Prep Method: EPA 3050B									
Lead	5.0		mg/Kg	0.99	0.99	317210	06/29/23	06/29/23	THP

Sample ID: T-12-5 Lab ID: 487583-002 Collected: 06/27/23 07:29
Matrix: Soil

487583-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B									
Prep Method: EPA 3050B									
Lead	1.2		mg/Kg	0.96	0.96	317210	06/29/23	06/29/23	THP

Sample ID: T-13-2.5 Lab ID: 487583-003 Collected: 06/27/23 07:51
Matrix: Soil

487583-003 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	317218	06/29/23	06/29/23	BJG
TPH (C13-C22)	54		mg/Kg	10	1	317218	06/29/23	06/29/23	BJG
TPH (C23-C44)	93		mg/Kg	20	1	317218	06/29/23	06/29/23	BJG
Surrogates				Limits					
n-Triacontane	76%		%REC	70-130	1	317218	06/29/23	06/29/23	BJG

Analysis Results for 487583

Sample ID: T-13-3-NE
Lab ID: 487583-004
Collected: 06/27/23 08:08
Matrix: Soil

487583-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.96	317210	06/29/23	06/29/23	THP
Arsenic	3.6		mg/Kg	0.96	0.96	317210	06/29/23	06/29/23	THP
Barium	72		mg/Kg	0.96	0.96	317210	06/29/23	06/29/23	THP
Beryllium	ND		mg/Kg	0.48	0.96	317210	06/29/23	06/29/23	THP
Cadmium	ND		mg/Kg	0.48	0.96	317210	06/29/23	06/29/23	THP
Chromium	14		mg/Kg	0.96	0.96	317210	06/29/23	06/29/23	THP
Cobalt	4.6		mg/Kg	0.48	0.96	317210	06/29/23	06/29/23	THP
Copper	6.9		mg/Kg	0.96	0.96	317210	06/29/23	06/29/23	THP
Lead	8.0		mg/Kg	0.96	0.96	317210	06/29/23	06/29/23	THP
Molybdenum	ND		mg/Kg	0.96	0.96	317210	06/29/23	06/29/23	THP
Nickel	5.7		mg/Kg	0.96	0.96	317210	06/29/23	06/29/23	THP
Selenium	ND		mg/Kg	2.9	0.96	317210	06/29/23	06/29/23	THP
Silver	ND		mg/Kg	0.48	0.96	317210	06/29/23	06/29/23	THP
Thallium	ND		mg/Kg	2.9	0.96	317210	06/29/23	06/29/23	THP
Vanadium	36		mg/Kg	0.96	0.96	317210	06/29/23	06/29/23	THP
Zinc	190		mg/Kg	4.8	0.96	317210	06/29/23	06/29/23	THP
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	317215	06/29/23	06/29/23	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	100	10	317218	06/29/23	06/29/23	SME
TPH (C13-C22)	410		mg/Kg	100	10	317218	06/29/23	06/29/23	SME
TPH (C23-C44)	910		mg/Kg	200	10	317218	06/29/23	06/29/23	SME
Surrogates				Limits					
n-Triacontane		DO	%REC	70-130	10	317218	06/29/23	06/29/23	SME
Method: EPA 8260B Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Freon 12	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Chloromethane	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Bromomethane	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Chloroethane	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Acetone	ND		ug/Kg	100	1	317244	06/29/23	06/29/23	LYZ
Freon 113	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Methylene Chloride	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
MTBE	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ

Analysis Results for 487583

487583-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
2-Butanone	ND		ug/Kg	100	1	317244	06/29/23	06/29/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Chloroform	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Bromochloromethane	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Benzene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Trichloroethene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Dibromomethane	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Toluene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Chlorobenzene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Ethylbenzene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	317244	06/29/23	06/29/23	LYZ
o-Xylene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Styrene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Bromoform	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Propylbenzene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Bromobenzene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ

Analysis Results for 487583

487583-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
n-Butylbenzene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Naphthalene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
tert-Butyl Alcohol (TBA)	ND		ug/Kg	100	1	317244	06/29/23	06/29/23	LYZ
Isopropyl Ether (DIPE)	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Xylene (total)	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Surrogates				Limits					
Dibromofluoromethane	101%		%REC	70-145	1	317244	06/29/23	06/29/23	LYZ
1,2-Dichloroethane-d4	104%		%REC	70-145	1	317244	06/29/23	06/29/23	LYZ
Toluene-d8	99%		%REC	70-145	1	317244	06/29/23	06/29/23	LYZ
Bromofluorobenzene	103%		%REC	70-145	1	317244	06/29/23	06/29/23	LYZ

Analysis Results for 487583

Sample ID: T-13-3-SW	Lab ID: 487583-005	Collected: 06/27/23 08:45
Matrix: Soil		

487583-005 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	317210	06/29/23	06/29/23	THP
Arsenic	4.1		mg/Kg	0.95	0.95	317210	06/29/23	06/29/23	THP
Barium	57		mg/Kg	0.95	0.95	317210	06/29/23	06/29/23	THP
Beryllium	ND		mg/Kg	0.48	0.95	317210	06/29/23	06/29/23	THP
Cadmium	ND		mg/Kg	0.48	0.95	317210	06/29/23	06/29/23	THP
Chromium	11		mg/Kg	0.95	0.95	317210	06/29/23	06/29/23	THP
Cobalt	3.7		mg/Kg	0.48	0.95	317210	06/29/23	06/29/23	THP
Copper	26		mg/Kg	0.95	0.95	317210	06/29/23	06/29/23	THP
Lead	9.8		mg/Kg	0.95	0.95	317210	06/29/23	06/29/23	THP
Molybdenum	ND		mg/Kg	0.95	0.95	317210	06/29/23	06/29/23	THP
Nickel	4.8		mg/Kg	0.95	0.95	317210	06/29/23	06/29/23	THP
Selenium	ND		mg/Kg	2.9	0.95	317210	06/29/23	06/29/23	THP
Silver	ND		mg/Kg	0.48	0.95	317210	06/29/23	06/29/23	THP
Thallium	ND		mg/Kg	2.9	0.95	317210	06/29/23	06/29/23	THP
Vanadium	29		mg/Kg	0.95	0.95	317210	06/29/23	06/29/23	THP
Zinc	290		mg/Kg	4.8	0.95	317210	06/29/23	06/29/23	THP
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	317215	06/29/23	06/29/23	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	10	1	317218	06/29/23	06/30/23	SME
TPH (C13-C22)	170		mg/Kg	10	1	317218	06/29/23	06/30/23	SME
TPH (C23-C44)	150		mg/Kg	20	1	317218	06/29/23	06/30/23	SME
Surrogates				Limits					
n-Triacontane	125%		%REC	70-130	1	317218	06/29/23	06/30/23	SME
Method: EPA 8260B Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Freon 12	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Chloromethane	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Bromomethane	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Chloroethane	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Acetone	ND		ug/Kg	100	1	317244	06/29/23	06/29/23	LYZ
Freon 113	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Methylene Chloride	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
MTBE	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ

Analysis Results for 487583

487583-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
2-Butanone	ND		ug/Kg	100	1	317244	06/29/23	06/29/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Chloroform	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Bromochloromethane	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Benzene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Trichloroethene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Dibromomethane	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Toluene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Chlorobenzene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Ethylbenzene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	317244	06/29/23	06/29/23	LYZ
o-Xylene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Styrene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Bromoform	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Propylbenzene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Bromobenzene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ

Analysis Results for 487583

487583-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
n-Butylbenzene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Naphthalene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
tert-Butyl Alcohol (TBA)	ND		ug/Kg	100	1	317244	06/29/23	06/29/23	LYZ
Isopropyl Ether (DIPE)	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Xylene (total)	ND		ug/Kg	5.0	1	317244	06/29/23	06/29/23	LYZ
Surrogates	Limits								
Dibromofluoromethane	98%		%REC	70-145	1	317244	06/29/23	06/29/23	LYZ
1,2-Dichloroethane-d4	103%		%REC	70-145	1	317244	06/29/23	06/29/23	LYZ
Toluene-d8	100%		%REC	70-145	1	317244	06/29/23	06/29/23	LYZ
Bromofluorobenzene	105%		%REC	70-145	1	317244	06/29/23	06/29/23	LYZ

Sample ID: T-14-3.5	Lab ID: 487583-006	Collected: 06/27/23 09:30
Matrix: Soil		

487583-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B									
Prep Method: EPA 3050B									
Lead	1.2		mg/Kg	0.95	0.95	317210	06/29/23	06/29/23	THP

Sample ID: T-14-5	Lab ID: 487583-007	Collected: 06/27/23 09:32
Matrix: Soil		

487583-007 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	317210	06/29/23	06/29/23	THP
Method: EPA 8015M									
Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	10	1	317218	06/29/23	06/29/23	SME
TPH (C13-C22)	ND		mg/Kg	10	1	317218	06/29/23	06/29/23	SME
TPH (C23-C44)	ND		mg/Kg	20	1	317218	06/29/23	06/29/23	SME
Surrogates	Limits								
n-Triacontane	129%		%REC	70-130	1	317218	06/29/23	06/29/23	SME

Analysis Results for 487583

Sample ID: T-15-3.5	Lab ID: 487583-008	Collected: 06/27/23 09:49
	Matrix: Soil	

487583-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B									
Prep Method: EPA 3050B									
Lead	ND		mg/Kg	0.96	0.96	317210	06/29/23	06/29/23	THP

Sample ID: T-15-5	Lab ID: 487583-009	Collected: 06/27/23 09:52
	Matrix: Soil	

487583-009 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	317210	06/29/23	06/29/23	THP

Method: EPA 8015M									
Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	9.9	0.99	317218	06/29/23	06/29/23	SME
TPH (C13-C22)	ND		mg/Kg	9.9	0.99	317218	06/29/23	06/29/23	SME
TPH (C23-C44)	ND		mg/Kg	20	0.99	317218	06/29/23	06/29/23	SME

Surrogates	Limits								
n-Triacontane	125%		%REC	70-130	0.99	317218	06/29/23	06/29/23	SME

Sample ID: T-16-3	Lab ID: 487583-010	Collected: 06/27/23 10:08
	Matrix: Soil	

487583-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B									
Prep Method: EPA 3050B									
Lead	ND		mg/Kg	0.95	0.95	317210	06/29/23	06/29/23	THP

Analysis Results for 487583

Sample ID: T-13-7	Lab ID: 487583-011	Collected: 06/27/23 10:41
Matrix: Soil		

487583-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B									
Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	1	317210	06/29/23	06/29/23	THP
Arsenic	2.6		mg/Kg	1.0	1	317210	06/29/23	06/29/23	THP
Barium	140		mg/Kg	1.0	1	317210	06/29/23	06/29/23	THP
Beryllium	ND		mg/Kg	0.50	1	317210	06/29/23	06/29/23	THP
Cadmium	ND		mg/Kg	0.50	1	317210	06/29/23	06/29/23	THP
Chromium	23		mg/Kg	1.0	1	317210	06/29/23	06/29/23	THP
Cobalt	7.5		mg/Kg	0.50	1	317210	06/29/23	06/29/23	THP
Copper	13		mg/Kg	1.0	1	317210	06/29/23	06/29/23	THP
Lead	2.8		mg/Kg	1.0	1	317210	06/29/23	06/29/23	THP
Molybdenum	ND		mg/Kg	1.0	1	317210	06/29/23	06/29/23	THP
Nickel	7.3		mg/Kg	1.0	1	317210	06/29/23	06/29/23	THP
Selenium	ND		mg/Kg	3.0	1	317210	06/29/23	06/29/23	THP
Silver	ND		mg/Kg	0.50	1	317210	06/29/23	06/29/23	THP
Thallium	ND		mg/Kg	3.0	1	317210	06/29/23	06/29/23	THP
Vanadium	58		mg/Kg	1.0	1	317210	06/29/23	06/29/23	THP
Zinc	41		mg/Kg	5.0	1	317210	06/29/23	06/29/23	THP
Method: EPA 7471A									
Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.2	317215	06/29/23	06/29/23	KAM
Method: EPA 8015M									
Prep Method: EPA 3580M									
TPH (C6-C12)	2,700		mg/Kg	500	50	317218	06/29/23	06/29/23	SME
TPH (C13-C22)	21,000		mg/Kg	500	50	317218	06/29/23	06/29/23	SME
TPH (C23-C44)	ND		mg/Kg	1,000	50	317218	06/29/23	06/29/23	SME
Surrogates	Limits								
n-Triacontane		DO	%REC	70-130	50	317218	06/29/23	06/29/23	SME
Method: EPA 8260B									
Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
Freon 12	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
Chloromethane	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
Vinyl Chloride	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
Bromomethane	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
Chloroethane	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
Acetone	ND		ug/Kg	5,000	50	317244	06/29/23	06/29/23	LYZ
Freon 113	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
Methylene Chloride	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
MTBE	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ

Analysis Results for 487583

487583-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
trans-1,2-Dichloroethene	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
2-Butanone	ND		ug/Kg	5,000	50	317244	06/29/23	06/29/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
Chloroform	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
Bromochloromethane	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
Benzene	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
Trichloroethene	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
Bromodichloromethane	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
Dibromomethane	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
Toluene	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
Tetrachloroethene	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
Dibromochloromethane	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
Chlorobenzene	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
Ethylbenzene	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
m,p-Xylenes	ND		ug/Kg	500	50	317244	06/29/23	06/29/23	LYZ
o-Xylene	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
Styrene	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
Bromoform	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
Isopropylbenzene	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
Propylbenzene	530		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
Bromobenzene	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
1,3,5-Trimethylbenzene	1,100		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
2-Chlorotoluene	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
4-Chlorotoluene	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
tert-Butylbenzene	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
1,2,4-Trimethylbenzene	4,300		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
sec-Butylbenzene	630		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
para-Isopropyl Toluene	1,000		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ

Analysis Results for 487583

487583-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
n-Butylbenzene	1,200		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
Naphthalene	18,000		ug/Kg	2,500	500	317311	06/30/23	06/30/23	ILK
1,2,3-Trichlorobenzene	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
tert-Butyl Alcohol (TBA)	ND		ug/Kg	5,000	50	317244	06/29/23	06/29/23	LYZ
Isopropyl Ether (DIPE)	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
Xylene (total)	ND		ug/Kg	250	50	317244	06/29/23	06/29/23	LYZ
Surrogates			Limits						
Dibromofluoromethane	96%		%REC	70-145	50	317244	06/29/23	06/29/23	LYZ
1,2-Dichloroethane-d4	100%		%REC	70-145	50	317244	06/29/23	06/29/23	LYZ
Toluene-d8	100%		%REC	70-145	50	317244	06/29/23	06/29/23	LYZ
Bromofluorobenzene	99%		%REC	70-145	50	317244	06/29/23	06/29/23	LYZ

Sample ID: T-16-5.5

Lab ID: 487583-012

Collected: 06/27/23 10:20

Matrix: Soil

487583-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B									
Prep Method: EPA 3050B									
Lead	ND		mg/Kg	0.95	0.95	317210	06/29/23	06/29/23	THP
Method: EPA 8015M									
Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	10	1	317218	06/29/23	06/29/23	SME
TPH (C13-C22)	ND		mg/Kg	10	1	317218	06/29/23	06/29/23	SME
TPH (C23-C44)	ND		mg/Kg	20	1	317218	06/29/23	06/29/23	SME
Surrogates			Limits						
n-Triacontane	138%	*	%REC	70-130	1	317218	06/29/23	06/29/23	SME

Sample ID: T-17 4'

Lab ID: 487583-013

Collected: 06/27/23 10:52

Matrix: Soil

487583-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B									
Prep Method: EPA 3050B									
Lead	2.2		mg/Kg	0.99	0.99	317210	06/29/23	06/29/23	THP

Analysis Results for 487583

Sample ID: T-17 5'	Lab ID: 487583-014	Collected: 06/27/23 10:58
	Matrix: Soil	

487583-014 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	317210	06/29/23	06/29/23	THP

Sample ID: T-18 4'	Lab ID: 487583-015	Collected: 06/27/23 11:45
	Matrix: Soil	

487583-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B									
Prep Method: EPA 3050B									
Lead	2.3		mg/Kg	0.98	0.98	317210	06/29/23	06/29/23	THP

Sample ID: T-18 1.5'	Lab ID: 487583-016	Collected: 06/27/23 11:42
	Matrix: Soil	

487583-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B									
Prep Method: EPA 3050B									
Lead	2.0		mg/Kg	0.99	0.99	317210	06/29/23	06/29/23	THP

* Value is outside QC limits
 DO Diluted Out
 ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1076765	Batch: 317210
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1076765 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	06/29/23	06/30/23
Arsenic	ND		mg/Kg	1.0	06/29/23	06/29/23
Barium	ND		mg/Kg	1.0	06/29/23	06/29/23
Beryllium	ND		mg/Kg	0.50	06/29/23	06/29/23
Cadmium	ND		mg/Kg	0.50	06/29/23	06/29/23
Chromium	ND		mg/Kg	1.0	06/29/23	06/29/23
Cobalt	ND		mg/Kg	0.50	06/29/23	06/29/23
Copper	ND		mg/Kg	1.0	06/29/23	06/29/23
Lead	ND		mg/Kg	1.0	06/29/23	06/29/23
Molybdenum	ND		mg/Kg	1.0	06/29/23	06/29/23
Nickel	ND		mg/Kg	1.0	06/29/23	06/29/23
Selenium	ND		mg/Kg	3.0	06/29/23	06/29/23
Silver	ND		mg/Kg	0.50	06/29/23	06/29/23
Thallium	ND		mg/Kg	3.0	06/29/23	06/29/23
Vanadium	ND		mg/Kg	1.0	06/29/23	06/29/23
Zinc	ND		mg/Kg	5.0	06/29/23	06/29/23

Type: Lab Control Sample	Lab ID: QC1076766	Batch: 317210
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1076766 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	90.91	100.0	mg/Kg	91%		80-120
Arsenic	87.19	100.0	mg/Kg	87%		80-120
Barium	94.30	100.0	mg/Kg	94%		80-120
Beryllium	92.37	100.0	mg/Kg	92%		80-120
Cadmium	91.43	100.0	mg/Kg	91%		80-120
Chromium	89.62	100.0	mg/Kg	90%		80-120
Cobalt	82.89	100.0	mg/Kg	83%		80-120
Copper	89.69	100.0	mg/Kg	90%		80-120
Lead	95.45	100.0	mg/Kg	95%		80-120
Molybdenum	89.66	100.0	mg/Kg	90%		80-120
Nickel	94.52	100.0	mg/Kg	95%		80-120
Selenium	83.87	100.0	mg/Kg	84%		80-120
Silver	40.29	50.00	mg/Kg	81%		80-120
Thallium	91.83	100.0	mg/Kg	92%		80-120
Vanadium	91.03	100.0	mg/Kg	91%		80-120
Zinc	92.56	100.0	mg/Kg	93%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1076767	Batch: 317210
Matrix (Source ID): Soil (487583-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1076767 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	50.69	ND	96.15	mg/Kg	53%	*	75-125	0.96
Arsenic	89.83	3.848	96.15	mg/Kg	89%		75-125	0.96
Barium	134.1	32.86	96.15	mg/Kg	105%		75-125	0.96
Beryllium	89.00	0.2059	96.15	mg/Kg	92%		75-125	0.96
Cadmium	86.15	ND	96.15	mg/Kg	90%		75-125	0.96
Chromium	102.4	11.80	96.15	mg/Kg	94%		75-125	0.96
Cobalt	95.59	4.281	96.15	mg/Kg	95%		75-125	0.96
Copper	100.2	6.993	96.15	mg/Kg	97%		75-125	0.96
Lead	75.13	5.028	96.15	mg/Kg	73%	*	75-125	0.96
Molybdenum	88.72	ND	96.15	mg/Kg	92%		75-125	0.96
Nickel	96.45	5.530	96.15	mg/Kg	95%		75-125	0.96
Selenium	79.79	ND	96.15	mg/Kg	83%		75-125	0.96
Silver	42.00	ND	48.08	mg/Kg	87%		75-125	0.96
Thallium	86.14	ND	96.15	mg/Kg	90%		75-125	0.96
Vanadium	128.6	30.03	96.15	mg/Kg	103%		75-125	0.96
Zinc	125.5	30.96	96.15	mg/Kg	98%		75-125	0.96

Type: Matrix Spike Duplicate	Lab ID: QC1076768	Batch: 317210
Matrix (Source ID): Soil (487583-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1076768 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Antimony	50.13	ND	97.09	mg/Kg	52%	*	75-125	2	41	0.97
Arsenic	88.71	3.848	97.09	mg/Kg	87%		75-125	2	35	0.97
Barium	134.2	32.86	97.09	mg/Kg	104%		75-125	1	20	0.97
Beryllium	87.52	0.2059	97.09	mg/Kg	90%		75-125	3	20	0.97
Cadmium	84.47	ND	97.09	mg/Kg	87%		75-125	3	20	0.97
Chromium	100.7	11.80	97.09	mg/Kg	92%		75-125	2	20	0.97
Cobalt	93.98	4.281	97.09	mg/Kg	92%		75-125	3	20	0.97
Copper	98.91	6.993	97.09	mg/Kg	95%		75-125	2	20	0.97
Lead	73.07	5.028	97.09	mg/Kg	70%	*	75-125	4	20	0.97
Molybdenum	87.81	ND	97.09	mg/Kg	90%		75-125	2	20	0.97
Nickel	95.22	5.530	97.09	mg/Kg	92%		75-125	2	20	0.97
Selenium	78.77	ND	97.09	mg/Kg	81%		75-125	2	20	0.97
Silver	41.28	ND	48.54	mg/Kg	85%		75-125	3	20	0.97
Thallium	84.63	ND	97.09	mg/Kg	87%		75-125	3	20	0.97
Vanadium	131.2	30.03	97.09	mg/Kg	104%		75-125	1	20	0.97
Zinc	121.3	30.96	97.09	mg/Kg	93%		75-125	4	20	0.97

Batch QC

Type: Post Digest Spike	Lab ID: QC1076769	Batch: 317210
Matrix (Source ID): Soil (487583-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1076769 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	78.65	ND	99.01	mg/Kg	79%		75-125	0.99
Arsenic	79.86	3.848	99.01	mg/Kg	77%		75-125	0.99
Barium	113.1	32.86	99.01	mg/Kg	81%		75-125	0.99
Beryllium	78.83	0.2059	99.01	mg/Kg	79%		75-125	0.99
Cadmium	76.28	ND	99.01	mg/Kg	77%		75-125	0.99
Chromium	89.41	11.80	99.01	mg/Kg	78%		75-125	0.99
Cobalt	85.93	4.281	99.01	mg/Kg	82%		75-125	0.99
Copper	90.48	6.993	99.01	mg/Kg	84%		75-125	0.99
Lead	83.16	5.028	99.01	mg/Kg	79%		75-125	0.99
Molybdenum	79.90	ND	99.01	mg/Kg	81%		75-125	0.99
Nickel	83.61	5.530	99.01	mg/Kg	79%		75-125	0.99
Selenium	72.12	ND	99.01	mg/Kg	73%	*	75-125	0.99
Silver	38.50	ND	49.50	mg/Kg	78%		75-125	0.99
Thallium	77.86	ND	99.01	mg/Kg	79%		75-125	0.99
Vanadium	109.5	30.03	99.01	mg/Kg	80%		75-125	0.99
Zinc	105.9	30.96	99.01	mg/Kg	76%		75-125	0.99

Type: Blank	Lab ID: QC1076785	Batch: 317215
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1076785 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	06/29/23	06/29/23

Type: Lab Control Sample	Lab ID: QC1076786	Batch: 317215
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1076786 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8165	0.8333	mg/Kg	98%		80-120

Type: Matrix Spike	Lab ID: QC1076787	Batch: 317215
Matrix (Source ID): Miscell. (487229-001)	Method: EPA 7471A	Prep Method: METHOD

QC1076787 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.9513	0.06774	0.9091	mg/Kg	97%		75-125	1.1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1076788	Batch: 317215
Matrix (Source ID): Miscell. (487229-001)	Method: EPA 7471A	Prep Method: METHOD

QC1076788 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	0.8894	0.06774	0.8475	mg/Kg	97%		75-125	0	20	1

Type: Blank	Lab ID: QC1076793	Batch: 317218
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1076793 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH (C6-C12)	ND		mg/Kg	10	06/29/23	06/29/23
TPH (C13-C22)	ND		mg/Kg	10	06/29/23	06/29/23
TPH (C23-C44)	ND		mg/Kg	20	06/29/23	06/29/23
Surrogates				Limits		
n-Triacontane	85%		%REC	70-130	06/29/23	06/29/23

Type: Lab Control Sample	Lab ID: QC1076794	Batch: 317218
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1076794 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	236.4	248.9	mg/Kg	95%		76-122
Surrogates						
n-Triacontane	8.685	9.955	mg/Kg	87%		70-130

Type: Matrix Spike	Lab ID: QC1076795	Batch: 317218
Matrix (Source ID): Soil (487439-006)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1076795 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	225.6	5.753	248.8	mg/Kg	88%		62-126	1
Surrogates								
n-Triacontane	8.210		9.950	mg/Kg	83%		70-130	1

Type: Matrix Spike Duplicate	Lab ID: QC1076796	Batch: 317218
Matrix (Source ID): Soil (487439-006)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1076796 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	221.0	5.753	247.9	mg/Kg	87%		62-126	2	35	0.99
Surrogates										
n-Triacontane	8.160		9.916	mg/Kg	82%		70-130			0.99

Batch QC

Type: Lab Control Sample	Lab ID: QC1076871	Batch: 317244
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1076871 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	50.21	50.00	ug/Kg	100%		70-131
MTBE	48.48	50.00	ug/Kg	97%		69-130
Benzene	46.83	50.00	ug/Kg	94%		70-130
Trichloroethene	49.79	50.00	ug/Kg	100%		70-130
Toluene	48.66	50.00	ug/Kg	97%		70-130
Chlorobenzene	48.37	50.00	ug/Kg	97%		70-130
Surrogates						
Dibromofluoromethane	50.49	50.00	ug/Kg	101%		70-130
1,2-Dichloroethane-d4	50.59	50.00	ug/Kg	101%		70-145
Toluene-d8	50.07	50.00	ug/Kg	100%		70-145
Bromofluorobenzene	52.01	50.00	ug/Kg	104%		70-145

Type: Lab Control Sample Duplicate	Lab ID: QC1076872	Batch: 317244
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1076872 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim
1,1-Dichloroethene	49.12	50.00	ug/Kg	98%		70-131	2	33
MTBE	47.07	50.00	ug/Kg	94%		69-130	3	30
Benzene	46.37	50.00	ug/Kg	93%		70-130	1	30
Trichloroethene	48.66	50.00	ug/Kg	97%		70-130	2	30
Toluene	47.01	50.00	ug/Kg	94%		70-130	3	30
Chlorobenzene	45.87	50.00	ug/Kg	92%		70-130	5	30
Surrogates								
Dibromofluoromethane	49.64	50.00	ug/Kg	99%		70-130		
1,2-Dichloroethane-d4	51.89	50.00	ug/Kg	104%		70-145		
Toluene-d8	50.52	50.00	ug/Kg	101%		70-145		
Bromofluorobenzene	50.43	50.00	ug/Kg	101%		70-145		

Batch QC

Type: Blank	Lab ID: QC1076875	Batch: 317244
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1076875 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	06/29/23	06/29/23
Freon 12	ND		ug/Kg	5.0	06/29/23	06/29/23
Chloromethane	ND		ug/Kg	5.0	06/29/23	06/29/23
Vinyl Chloride	ND		ug/Kg	5.0	06/29/23	06/29/23
Bromomethane	ND		ug/Kg	5.0	06/29/23	06/29/23
Chloroethane	ND		ug/Kg	5.0	06/29/23	06/29/23
Trichlorofluoromethane	ND		ug/Kg	5.0	06/29/23	06/29/23
Acetone	ND		ug/Kg	100	06/29/23	06/29/23
Freon 113	ND		ug/Kg	5.0	06/29/23	06/29/23
1,1-Dichloroethene	ND		ug/Kg	5.0	06/29/23	06/29/23
Methylene Chloride	ND		ug/Kg	5.0	06/29/23	06/29/23
MTBE	ND		ug/Kg	5.0	06/29/23	06/29/23
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	06/29/23	06/29/23
1,1-Dichloroethane	ND		ug/Kg	5.0	06/29/23	06/29/23
2-Butanone	ND		ug/Kg	100	06/29/23	06/29/23
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	06/29/23	06/29/23
2,2-Dichloropropane	ND		ug/Kg	5.0	06/29/23	06/29/23
Chloroform	ND		ug/Kg	5.0	06/29/23	06/29/23
Bromochloromethane	ND		ug/Kg	5.0	06/29/23	06/29/23
1,1,1-Trichloroethane	ND		ug/Kg	5.0	06/29/23	06/29/23
1,1-Dichloropropene	ND		ug/Kg	5.0	06/29/23	06/29/23
Carbon Tetrachloride	ND		ug/Kg	5.0	06/29/23	06/29/23
1,2-Dichloroethane	ND		ug/Kg	5.0	06/29/23	06/29/23
Benzene	ND		ug/Kg	5.0	06/29/23	06/29/23
Trichloroethene	ND		ug/Kg	5.0	06/29/23	06/29/23
1,2-Dichloropropane	ND		ug/Kg	5.0	06/29/23	06/29/23
Bromodichloromethane	ND		ug/Kg	5.0	06/29/23	06/29/23
Dibromomethane	ND		ug/Kg	5.0	06/29/23	06/29/23
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	06/29/23	06/29/23
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	06/29/23	06/29/23
Toluene	ND		ug/Kg	5.0	06/29/23	06/29/23
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	06/29/23	06/29/23
1,1,2-Trichloroethane	ND		ug/Kg	5.0	06/29/23	06/29/23
1,3-Dichloropropane	ND		ug/Kg	5.0	06/29/23	06/29/23
Tetrachloroethene	ND		ug/Kg	5.0	06/29/23	06/29/23
Dibromochloromethane	ND		ug/Kg	5.0	06/29/23	06/29/23
1,2-Dibromoethane	ND		ug/Kg	5.0	06/29/23	06/29/23
Chlorobenzene	ND		ug/Kg	5.0	06/29/23	06/29/23
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	06/29/23	06/29/23
Ethylbenzene	ND		ug/Kg	5.0	06/29/23	06/29/23
m,p-Xylenes	ND		ug/Kg	10	06/29/23	06/29/23
o-Xylene	ND		ug/Kg	5.0	06/29/23	06/29/23

Batch QC

QC1076875 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Styrene	ND		ug/Kg	5.0	06/29/23	06/29/23
Bromoform	ND		ug/Kg	5.0	06/29/23	06/29/23
Isopropylbenzene	ND		ug/Kg	5.0	06/29/23	06/29/23
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	06/29/23	06/29/23
1,2,3-Trichloropropane	ND		ug/Kg	5.0	06/29/23	06/29/23
Propylbenzene	ND		ug/Kg	5.0	06/29/23	06/29/23
Bromobenzene	ND		ug/Kg	5.0	06/29/23	06/29/23
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	06/29/23	06/29/23
2-Chlorotoluene	ND		ug/Kg	5.0	06/29/23	06/29/23
4-Chlorotoluene	ND		ug/Kg	5.0	06/29/23	06/29/23
tert-Butylbenzene	ND		ug/Kg	5.0	06/29/23	06/29/23
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	06/29/23	06/29/23
sec-Butylbenzene	ND		ug/Kg	5.0	06/29/23	06/29/23
para-Isopropyl Toluene	ND		ug/Kg	5.0	06/29/23	06/29/23
1,3-Dichlorobenzene	ND		ug/Kg	5.0	06/29/23	06/29/23
1,4-Dichlorobenzene	ND		ug/Kg	5.0	06/29/23	06/29/23
n-Butylbenzene	ND		ug/Kg	5.0	06/29/23	06/29/23
1,2-Dichlorobenzene	ND		ug/Kg	5.0	06/29/23	06/29/23
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	06/29/23	06/29/23
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	06/29/23	06/29/23
Hexachlorobutadiene	ND		ug/Kg	5.0	06/29/23	06/29/23
Naphthalene	ND		ug/Kg	5.0	06/29/23	06/29/23
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	06/29/23	06/29/23
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	06/29/23	06/29/23
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	06/29/23	06/29/23
tert-Butyl Alcohol (TBA)	ND		ug/Kg	100	06/29/23	06/29/23
Isopropyl Ether (DIPE)	ND		ug/Kg	5.0	06/29/23	06/29/23
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.0	06/29/23	06/29/23
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	5.0	06/29/23	06/29/23
Xylene (total)	ND		ug/Kg	5.0	06/29/23	06/29/23
Surrogates				Limits		
Dibromofluoromethane	101%		%REC	70-130	06/29/23	06/29/23
1,2-Dichloroethane-d4	105%		%REC	70-145	06/29/23	06/29/23
Toluene-d8	98%		%REC	70-145	06/29/23	06/29/23
Bromofluorobenzene	99%		%REC	70-145	06/29/23	06/29/23

Batch QC

Type: Blank	Lab ID: QC1076876	Batch: 317244
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1076876 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	250	06/29/23	06/29/23
Freon 12	ND		ug/Kg	250	06/29/23	06/29/23
Chloromethane	ND		ug/Kg	250	06/29/23	06/29/23
Vinyl Chloride	ND		ug/Kg	250	06/29/23	06/29/23
Bromomethane	ND		ug/Kg	250	06/29/23	06/29/23
Chloroethane	ND		ug/Kg	250	06/29/23	06/29/23
Trichlorofluoromethane	ND		ug/Kg	250	06/29/23	06/29/23
Acetone	ND		ug/Kg	5,000	06/29/23	06/29/23
Freon 113	ND		ug/Kg	250	06/29/23	06/29/23
1,1-Dichloroethene	ND		ug/Kg	250	06/29/23	06/29/23
Methylene Chloride	ND		ug/Kg	250	06/29/23	06/29/23
MTBE	ND		ug/Kg	250	06/29/23	06/29/23
trans-1,2-Dichloroethene	ND		ug/Kg	250	06/29/23	06/29/23
1,1-Dichloroethane	ND		ug/Kg	250	06/29/23	06/29/23
2-Butanone	ND		ug/Kg	5,000	06/29/23	06/29/23
cis-1,2-Dichloroethene	ND		ug/Kg	250	06/29/23	06/29/23
2,2-Dichloropropane	ND		ug/Kg	250	06/29/23	06/29/23
Chloroform	ND		ug/Kg	250	06/29/23	06/29/23
Bromochloromethane	ND		ug/Kg	250	06/29/23	06/29/23
1,1,1-Trichloroethane	ND		ug/Kg	250	06/29/23	06/29/23
1,1-Dichloropropene	ND		ug/Kg	250	06/29/23	06/29/23
Carbon Tetrachloride	ND		ug/Kg	250	06/29/23	06/29/23
1,2-Dichloroethane	ND		ug/Kg	250	06/29/23	06/29/23
Benzene	ND		ug/Kg	250	06/29/23	06/29/23
Trichloroethene	ND		ug/Kg	250	06/29/23	06/29/23
1,2-Dichloropropane	ND		ug/Kg	250	06/29/23	06/29/23
Bromodichloromethane	ND		ug/Kg	250	06/29/23	06/29/23
Dibromomethane	ND		ug/Kg	250	06/29/23	06/29/23
4-Methyl-2-Pentanone	ND		ug/Kg	250	06/29/23	06/29/23
cis-1,3-Dichloropropene	ND		ug/Kg	250	06/29/23	06/29/23
Toluene	ND		ug/Kg	250	06/29/23	06/29/23
trans-1,3-Dichloropropene	ND		ug/Kg	250	06/29/23	06/29/23
1,1,2-Trichloroethane	ND		ug/Kg	250	06/29/23	06/29/23
1,3-Dichloropropane	ND		ug/Kg	250	06/29/23	06/29/23
Tetrachloroethene	ND		ug/Kg	250	06/29/23	06/29/23
Dibromochloromethane	ND		ug/Kg	250	06/29/23	06/29/23
1,2-Dibromoethane	ND		ug/Kg	250	06/29/23	06/29/23
Chlorobenzene	ND		ug/Kg	250	06/29/23	06/29/23
1,1,1,2-Tetrachloroethane	ND		ug/Kg	250	06/29/23	06/29/23
Ethylbenzene	ND		ug/Kg	250	06/29/23	06/29/23
m,p-Xylenes	ND		ug/Kg	500	06/29/23	06/29/23
o-Xylene	ND		ug/Kg	250	06/29/23	06/29/23

Batch QC

QC1076876 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Styrene	ND		ug/Kg	250	06/29/23	06/29/23
Bromoform	ND		ug/Kg	250	06/29/23	06/29/23
Isopropylbenzene	ND		ug/Kg	250	06/29/23	06/29/23
1,1,2,2-Tetrachloroethane	ND		ug/Kg	250	06/29/23	06/29/23
1,2,3-Trichloropropane	ND		ug/Kg	250	06/29/23	06/29/23
Propylbenzene	ND		ug/Kg	250	06/29/23	06/29/23
Bromobenzene	ND		ug/Kg	250	06/29/23	06/29/23
1,3,5-Trimethylbenzene	ND		ug/Kg	250	06/29/23	06/29/23
2-Chlorotoluene	ND		ug/Kg	250	06/29/23	06/29/23
4-Chlorotoluene	ND		ug/Kg	250	06/29/23	06/29/23
tert-Butylbenzene	ND		ug/Kg	250	06/29/23	06/29/23
1,2,4-Trimethylbenzene	ND		ug/Kg	250	06/29/23	06/29/23
sec-Butylbenzene	ND		ug/Kg	250	06/29/23	06/29/23
para-Isopropyl Toluene	ND		ug/Kg	250	06/29/23	06/29/23
1,3-Dichlorobenzene	ND		ug/Kg	250	06/29/23	06/29/23
1,4-Dichlorobenzene	ND		ug/Kg	250	06/29/23	06/29/23
n-Butylbenzene	ND		ug/Kg	250	06/29/23	06/29/23
1,2-Dichlorobenzene	ND		ug/Kg	250	06/29/23	06/29/23
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	250	06/29/23	06/29/23
1,2,4-Trichlorobenzene	ND		ug/Kg	250	06/29/23	06/29/23
Hexachlorobutadiene	ND		ug/Kg	250	06/29/23	06/29/23
Naphthalene	ND		ug/Kg	250	06/29/23	06/29/23
1,2,3-Trichlorobenzene	ND		ug/Kg	250	06/29/23	06/29/23
cis-1,4-Dichloro-2-butene	ND		ug/Kg	250	06/29/23	06/29/23
trans-1,4-Dichloro-2-butene	ND		ug/Kg	250	06/29/23	06/29/23
tert-Butyl Alcohol (TBA)	ND		ug/Kg	5,000	06/29/23	06/29/23
Isopropyl Ether (DIPE)	ND		ug/Kg	250	06/29/23	06/29/23
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	250	06/29/23	06/29/23
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	250	06/29/23	06/29/23
Xylene (total)	ND		ug/Kg	250	06/29/23	06/29/23
Surrogates				Limits		
Dibromofluoromethane	98%		%REC	70-130	06/29/23	06/29/23
1,2-Dichloroethane-d4	101%		%REC	70-145	06/29/23	06/29/23
Toluene-d8	98%		%REC	70-145	06/29/23	06/29/23
Bromofluorobenzene	97%		%REC	70-145	06/29/23	06/29/23

Batch QC

Type: Lab Control Sample	Lab ID: QC1077106	Batch: 317311
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1077106 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	51.54	50.00	ug/Kg	103%		70-131
MTBE	50.65	50.00	ug/Kg	101%		69-130
Benzene	50.79	50.00	ug/Kg	102%		70-130
Trichloroethene	50.91	50.00	ug/Kg	102%		70-130
Toluene	51.39	50.00	ug/Kg	103%		70-130
Chlorobenzene	50.04	50.00	ug/Kg	100%		70-130
Surrogates						
Dibromofluoromethane	52.40	50.00	ug/Kg	105%		70-130
1,2-Dichloroethane-d4	50.81	50.00	ug/Kg	102%		70-145
Toluene-d8	49.50	50.00	ug/Kg	99%		70-145
Bromofluorobenzene	50.37	50.00	ug/Kg	101%		70-145

Type: Lab Control Sample Duplicate	Lab ID: QC1077107	Batch: 317311
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1077107 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim
1,1-Dichloroethene	48.06	50.00	ug/Kg	96%		70-131	7	33
MTBE	48.67	50.00	ug/Kg	97%		69-130	4	30
Benzene	47.36	50.00	ug/Kg	95%		70-130	7	30
Trichloroethene	47.09	50.00	ug/Kg	94%		70-130	8	30
Toluene	48.68	50.00	ug/Kg	97%		70-130	5	30
Chlorobenzene	46.95	50.00	ug/Kg	94%		70-130	6	30
Surrogates								
Dibromofluoromethane	52.17	50.00	ug/Kg	104%		70-130		
1,2-Dichloroethane-d4	51.45	50.00	ug/Kg	103%		70-145		
Toluene-d8	50.57	50.00	ug/Kg	101%		70-145		
Bromofluorobenzene	51.26	50.00	ug/Kg	103%		70-145		

Batch QC

Type: Blank	Lab ID: QC1077110	Batch: 317311
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1077110 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	06/30/23	06/30/23
Freon 12	ND		ug/Kg	5.0	06/30/23	06/30/23
Chloromethane	ND		ug/Kg	5.0	06/30/23	06/30/23
Vinyl Chloride	ND		ug/Kg	5.0	06/30/23	06/30/23
Bromomethane	ND		ug/Kg	5.0	06/30/23	06/30/23
Chloroethane	ND		ug/Kg	5.0	06/30/23	06/30/23
Trichlorofluoromethane	ND		ug/Kg	5.0	06/30/23	06/30/23
Acetone	ND		ug/Kg	100	06/30/23	06/30/23
Freon 113	ND		ug/Kg	5.0	06/30/23	06/30/23
1,1-Dichloroethene	ND		ug/Kg	5.0	06/30/23	06/30/23
Methylene Chloride	ND		ug/Kg	5.0	06/30/23	06/30/23
MTBE	ND		ug/Kg	5.0	06/30/23	06/30/23
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	06/30/23	06/30/23
1,1-Dichloroethane	ND		ug/Kg	5.0	06/30/23	06/30/23
2-Butanone	ND		ug/Kg	100	06/30/23	06/30/23
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	06/30/23	06/30/23
2,2-Dichloropropane	ND		ug/Kg	5.0	06/30/23	06/30/23
Chloroform	ND		ug/Kg	5.0	06/30/23	06/30/23
Bromochloromethane	ND		ug/Kg	5.0	06/30/23	06/30/23
1,1,1-Trichloroethane	ND		ug/Kg	5.0	06/30/23	06/30/23
1,1-Dichloropropene	ND		ug/Kg	5.0	06/30/23	06/30/23
Carbon Tetrachloride	ND		ug/Kg	5.0	06/30/23	06/30/23
1,2-Dichloroethane	ND		ug/Kg	5.0	06/30/23	06/30/23
Benzene	ND		ug/Kg	5.0	06/30/23	06/30/23
Trichloroethene	ND		ug/Kg	5.0	06/30/23	06/30/23
1,2-Dichloropropane	ND		ug/Kg	5.0	06/30/23	06/30/23
Bromodichloromethane	ND		ug/Kg	5.0	06/30/23	06/30/23
Dibromomethane	ND		ug/Kg	5.0	06/30/23	06/30/23
4-Methyl-2-Pentanone	ND		ug/Kg	8.1	06/30/23	06/30/23
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	06/30/23	06/30/23
Toluene	ND		ug/Kg	5.0	06/30/23	06/30/23
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	06/30/23	06/30/23
1,1,2-Trichloroethane	ND		ug/Kg	5.0	06/30/23	06/30/23
1,3-Dichloropropane	ND		ug/Kg	5.0	06/30/23	06/30/23
Tetrachloroethene	ND		ug/Kg	5.0	06/30/23	06/30/23
Dibromochloromethane	ND		ug/Kg	5.0	06/30/23	06/30/23
1,2-Dibromoethane	ND		ug/Kg	5.0	06/30/23	06/30/23
Chlorobenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	06/30/23	06/30/23
Ethylbenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
m,p-Xylenes	ND		ug/Kg	10	06/30/23	06/30/23
o-Xylene	ND		ug/Kg	5.0	06/30/23	06/30/23

Batch QC

QC1077110 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Styrene	ND		ug/Kg	5.0	06/30/23	06/30/23
Bromoform	ND		ug/Kg	5.0	06/30/23	06/30/23
Isopropylbenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	06/30/23	06/30/23
1,2,3-Trichloropropane	ND		ug/Kg	5.0	06/30/23	06/30/23
Propylbenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
Bromobenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
2-Chlorotoluene	ND		ug/Kg	5.0	06/30/23	06/30/23
4-Chlorotoluene	ND		ug/Kg	5.0	06/30/23	06/30/23
tert-Butylbenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
sec-Butylbenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
para-Isopropyl Toluene	ND		ug/Kg	5.0	06/30/23	06/30/23
1,3-Dichlorobenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
1,4-Dichlorobenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
n-Butylbenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
1,2-Dichlorobenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	06/30/23	06/30/23
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
Hexachlorobutadiene	ND		ug/Kg	5.0	06/30/23	06/30/23
Naphthalene	ND		ug/Kg	5.0	06/30/23	06/30/23
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	06/30/23	06/30/23
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	06/30/23	06/30/23
tert-Butyl Alcohol (TBA)	ND		ug/Kg	100	06/30/23	06/30/23
Isopropyl Ether (DIPE)	ND		ug/Kg	5.0	06/30/23	06/30/23
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.0	06/30/23	06/30/23
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	5.0	06/30/23	06/30/23
Xylene (total)	ND		ug/Kg	5.0	06/30/23	06/30/23
Surrogates				Limits		
Dibromofluoromethane	101%		%REC	70-130	06/30/23	06/30/23
1,2-Dichloroethane-d4	102%		%REC	70-145	06/30/23	06/30/23
Toluene-d8	105%		%REC	70-145	06/30/23	06/30/23
Bromofluorobenzene	103%		%REC	70-145	06/30/23	06/30/23

Batch QC

Type: Blank	Lab ID: QC1077111	Batch: 317311
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1077111 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	250	06/30/23	06/30/23
Freon 12	ND		ug/Kg	250	06/30/23	06/30/23
Chloromethane	ND		ug/Kg	250	06/30/23	06/30/23
Vinyl Chloride	ND		ug/Kg	250	06/30/23	06/30/23
Bromomethane	ND		ug/Kg	250	06/30/23	06/30/23
Chloroethane	ND		ug/Kg	250	06/30/23	06/30/23
Trichlorofluoromethane	ND		ug/Kg	250	06/30/23	06/30/23
Acetone	ND		ug/Kg	5,000	06/30/23	06/30/23
Freon 113	ND		ug/Kg	250	06/30/23	06/30/23
1,1-Dichloroethene	ND		ug/Kg	250	06/30/23	06/30/23
Methylene Chloride	ND		ug/Kg	250	06/30/23	06/30/23
MTBE	ND		ug/Kg	250	06/30/23	06/30/23
trans-1,2-Dichloroethene	ND		ug/Kg	250	06/30/23	06/30/23
1,1-Dichloroethane	ND		ug/Kg	250	06/30/23	06/30/23
2-Butanone	ND		ug/Kg	5,000	06/30/23	06/30/23
cis-1,2-Dichloroethene	ND		ug/Kg	250	06/30/23	06/30/23
2,2-Dichloropropane	ND		ug/Kg	250	06/30/23	06/30/23
Chloroform	ND		ug/Kg	250	06/30/23	06/30/23
Bromochloromethane	ND		ug/Kg	250	06/30/23	06/30/23
1,1,1-Trichloroethane	ND		ug/Kg	250	06/30/23	06/30/23
1,1-Dichloropropene	ND		ug/Kg	250	06/30/23	06/30/23
Carbon Tetrachloride	ND		ug/Kg	250	06/30/23	06/30/23
1,2-Dichloroethane	ND		ug/Kg	250	06/30/23	06/30/23
Benzene	ND		ug/Kg	250	06/30/23	06/30/23
Trichloroethene	ND		ug/Kg	250	06/30/23	06/30/23
1,2-Dichloropropane	ND		ug/Kg	250	06/30/23	06/30/23
Bromodichloromethane	ND		ug/Kg	250	06/30/23	06/30/23
Dibromomethane	ND		ug/Kg	250	06/30/23	06/30/23
4-Methyl-2-Pentanone	ND		ug/Kg	250	06/30/23	06/30/23
cis-1,3-Dichloropropene	ND		ug/Kg	250	06/30/23	06/30/23
Toluene	ND		ug/Kg	250	06/30/23	06/30/23
trans-1,3-Dichloropropene	ND		ug/Kg	250	06/30/23	06/30/23
1,1,2-Trichloroethane	ND		ug/Kg	250	06/30/23	06/30/23
1,3-Dichloropropane	ND		ug/Kg	250	06/30/23	06/30/23
Tetrachloroethene	ND		ug/Kg	250	06/30/23	06/30/23
Dibromochloromethane	ND		ug/Kg	250	06/30/23	06/30/23
1,2-Dibromoethane	ND		ug/Kg	250	06/30/23	06/30/23
Chlorobenzene	ND		ug/Kg	250	06/30/23	06/30/23
1,1,1,2-Tetrachloroethane	ND		ug/Kg	250	06/30/23	06/30/23
Ethylbenzene	ND		ug/Kg	250	06/30/23	06/30/23
m,p-Xylenes	ND		ug/Kg	500	06/30/23	06/30/23
o-Xylene	ND		ug/Kg	250	06/30/23	06/30/23

Batch QC

QC1077111 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Styrene	ND		ug/Kg	250	06/30/23	06/30/23
Bromoform	ND		ug/Kg	250	06/30/23	06/30/23
Isopropylbenzene	ND		ug/Kg	250	06/30/23	06/30/23
1,1,2,2-Tetrachloroethane	ND		ug/Kg	250	06/30/23	06/30/23
1,2,3-Trichloropropane	ND		ug/Kg	250	06/30/23	06/30/23
Propylbenzene	ND		ug/Kg	250	06/30/23	06/30/23
Bromobenzene	ND		ug/Kg	250	06/30/23	06/30/23
1,3,5-Trimethylbenzene	ND		ug/Kg	250	06/30/23	06/30/23
2-Chlorotoluene	ND		ug/Kg	250	06/30/23	06/30/23
4-Chlorotoluene	ND		ug/Kg	250	06/30/23	06/30/23
tert-Butylbenzene	ND		ug/Kg	250	06/30/23	06/30/23
1,2,4-Trimethylbenzene	ND		ug/Kg	250	06/30/23	06/30/23
sec-Butylbenzene	ND		ug/Kg	250	06/30/23	06/30/23
para-Isopropyl Toluene	ND		ug/Kg	250	06/30/23	06/30/23
1,3-Dichlorobenzene	ND		ug/Kg	250	06/30/23	06/30/23
1,4-Dichlorobenzene	ND		ug/Kg	250	06/30/23	06/30/23
n-Butylbenzene	ND		ug/Kg	250	06/30/23	06/30/23
1,2-Dichlorobenzene	ND		ug/Kg	250	06/30/23	06/30/23
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	250	06/30/23	06/30/23
1,2,4-Trichlorobenzene	ND		ug/Kg	250	06/30/23	06/30/23
Hexachlorobutadiene	ND		ug/Kg	250	06/30/23	06/30/23
Naphthalene	ND		ug/Kg	250	06/30/23	06/30/23
1,2,3-Trichlorobenzene	ND		ug/Kg	250	06/30/23	06/30/23
cis-1,4-Dichloro-2-butene	ND		ug/Kg	250	06/30/23	06/30/23
trans-1,4-Dichloro-2-butene	ND		ug/Kg	250	06/30/23	06/30/23
tert-Butyl Alcohol (TBA)	ND		ug/Kg	5,000	06/30/23	06/30/23
Isopropyl Ether (DIPE)	ND		ug/Kg	250	06/30/23	06/30/23
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	250	06/30/23	06/30/23
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	250	06/30/23	06/30/23
Xylene (total)	ND		ug/Kg	250	06/30/23	06/30/23
Surrogates				Limits		
Dibromofluoromethane	101%		%REC	70-130	06/30/23	06/30/23
1,2-Dichloroethane-d4	100%		%REC	70-145	06/30/23	06/30/23
Toluene-d8	106%		%REC	70-145	06/30/23	06/30/23
Bromofluorobenzene	103%		%REC	70-145	06/30/23	06/30/23

* Value is outside QC limits
 ND Not Detected



ENTHALPY
ANALYTICAL

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

enthalpy.com

Lab Job Number: 487624
Report Level: II
Report Date: 07/07/2023

Analytical Report *prepared for:*

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

Project: MIDWAY RISING - Sports Arena

Authorized for release by:

Ranjit K Clarke, Client Services Manager
(714) 771-9906
Ranjit.Clarke@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

Sample Summary

Chuck Houser SCS Engineers 8799 Balboa #290 San Diego, CA 92123	Lab Job #: 487624 Project No: MIDWAY RISING Location: Sports Arena Date Received: 06/28/23
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Sample ID	Lab ID	Collected	Matrix
T-19-2.5	487624-001	06/28/23 08:07	Soil
T-20-2	487624-002	06/28/23 08:16	Soil
T-21-3	487624-003	06/28/23 08:28	Soil
T-21-4	487624-004	06/28/23 08:32	Soil
T-22-3	487624-005	06/28/23 08:41	Soil
T-22-5	487624-006	06/28/23 08:44	Soil
T-23-2.5	487624-007	06/28/23 09:26	Soil
T-23-4	487624-008	06/28/23 09:35	Soil
T-23-8.5	487624-009	06/28/23 09:48	Soil
T-24-1	487624-010	06/28/23 10:11	Soil
T-24-2	487624-011	06/28/23 10:14	Soil
T-24-3.5	487624-012	06/28/23 10:16	Soil
T-24-4.5	487624-013	06/28/23 10:19	Soil
T-24-6	487624-014	06/28/23 10:23	Soil
T-24-7	487624-015	06/28/23 10:32	Soil
T-24-9	487624-016	06/28/23 10:38	Soil

Case Narrative

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

Lab Job Number: 487624
Project No: MIDWAY RISING
Location: Sports Arena
Date Received: 06/28/23

This data package contains sample and QC results for sixteen soil samples, requested for the above referenced project on 06/28/23. The samples were received cold and intact.

TPH-Extractables by GC (EPA 8015B):

No analytical problems were encountered.

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


No analytical problems were encountered.

Semivolatile Organics by GC/MS (EPA 8270C):

No analytical problems were encountered.

Metals (EPA 6010B and EPA 7471A):

- Low recoveries were observed for antimony in the MS/MSD of T-24-9 (lab # 487624-016); the LCS was within limits, the associated RPD was within limits, and these low recoveries were not associated with any reported results. High recoveries were observed for many analytes; the LCS was within limits, the associated RPDs were within limits, and these analytes were not detected at or above the RL in the associated sample.
- Low recoveries were observed for a number of analytes in the MS/MSD of T-23 5' (lab # 487628-001); the LCS was within limits, and the associated RPDs were within limits.
- No other analytical problems were encountered.

 ENTHALPY ANALYTICAL	Chain of Custody Record			Turn Around Time (rush by advanced notice only)			
	Lab No: 497024	Page: 1 of 2	Standard:	5 Day:	3 Day:	<input checked="" type="checkbox"/>	
Enthalpy Analytical - Orange 931 W. Barkley Avenue, Orange, CA 92868 Phone 714-771-6900		Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other		2 Day:	1 Day:	Custom TAT:	Sample Receipt Temp: <small>(lab use only)</small>

CUSTOMER INFORMATION		PROJECT INFORMATION		Analysis Request				Test Instructions / Comments	
Company:	SCS Engineers	Name:	Sports Arena	Lead Title 22 Metals TPH x4 VOCs B260 SVOCs B270					Report to: Chuck Houser chouser@scsengineers.com Garrett Lepine glepine@scsengineers.com
Report To:	Chuck Houser	Number:							
Email:	chouser@scsengineers.com	P.O. #:	01213320.07						
Address:		Address:							
Phone:	(858) 805-5523	Global ID:							
Fax:		Sampled By:	J. Morton						

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead	Title 22 Metals	TPH x4	VOCs	SVOCs
1	6/28/23	0807	Soil	4oz x 2	Chill	X				
2		0816				X				
3		0828				X				
4		0832				X				
5		0841				X				
6		0844				X				
7		0926				X				
8		0935				X	X	X	X	
9		0948				X				
10		1011		8oz x 1		X				

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		Jennifer Bauer Morton	SCS Engineers	6/28/23 11:13
¹ Received By:		Chuck Houser	SCS	6/28/23 11:13
² Relinquished By:		Chris Montoya	SCS	6/28/22 1245
² Received By:		Chris Montoya	EA-SD	6/28/22 1245
³ Relinquished By:		Don Fabila	EA-SD	6/28/22 1530
³ Received By:		Don Fabila	EA	6/28/23 1530

REQ: Don Fabila EA 6/28/23 18:30
 REC: Annalish Smallcomb EA 6/28/23 1830



ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1
 Client: SCS Engineers Project: Sports Arena
 Date Received: 6/28/23 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: 5.4 #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: 1.2 #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
487624

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: [Signature] Date: 6/28/23



Ranjit Clarke <ranjit.clarke@enthalpy.com>

[EXTERNAL] Sports Arena additional analyses

1 message

Houser, Chuck <CHouser@scsengineers.com>

Wed, Jun 28, 2023 at 3:30 PM

To: Ranjit K Clarke <Ranjit.Clarke@enthalpy.com>

Cc: "Montague, Luke" <LMontague@scsengineers.com>, "Morton, Jen" <JMorton@scsengineers.com>, "Lepine, Garrett" <GLepine@scsengineers.com>

Ranjit,

Please add the following analyses to the following soil samples for our Sports Arena project, 01213320.07:

- Collected 6/26/23: Please run the following additional analyses:
 - o VOCs (8260) and SVOCs (8270) on samples T-3 3', T-4 4', T-6 4', T-8 4', T-9 4', and T-11-4
 - o TPH extended on sample T-8 5.5'
 - o Title 22 metals on sample T-11-3'
- Collected 6/28/23: Please run Title 22 metals (in lieu of total lead) on sample T-23-2.5

Please confirm you've received and implemented this request. Thanks.

Chuck

Chuck Houser, CHg

Project Manager

SCS Engineers

Office 858-571-5500 Ext. 2908

Direct: 858-583-7738

Mobile: 858-805-5523

chouser@scsengineers.com



Ranjit Clarke <ranjit.clarke@enthalpy.com>

[EXTERNAL] FW: 487499_RPTS.pdf

1 message

Houser, Chuck <CHouser@scsengineers.com>

Fri, Jun 30, 2023 at 8:46 PM

To: Ranjit K Clarke <Ranjit.Clarke@enthalpy.com>, "Montague, Luke" <LMontague@scsengineers.com>

Ranjit,

For our Sports Arena project (01213320.07), please analyze the samples in the table below as indicated. Also please analyze samples T-11-1', T-11-2', and T-11-3' (collected 6/26/23) and T-24-2 (collected 6/28/23) for lead. Can we get these around Friday July 7th? Thanks much.

Chuck

Chuck Houser, CHg

Project Manager

SCS Engineers

Office 858-571-5500 Ext. 2908

Direct: 858-583-7738

Mobile: 858-805-5523

chouser@scsengineers.com

From: Montague, Luke <LMontague@scsengineers.com>**Sent:** Friday, June 30, 2023 4:01 PM**To:** Houser, Chuck <CHouser@scsengineers.com>**Subject:** RE: 487499_RPTS.pdf

Hi Chuck-

Below are the additional leachability analyses I recommend for the trenching samples. If you are good with this, please forward to Ranjit.

Also – I didn't see the chains in the lab report, but didn't you collect some shallower samples from some of the trench stations? If so and you have them archived, we could benefit from some horizontal delineation wherever we have high hits on the shallowest samples.

Analysis Results for 487624

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

Lab Job #: 487624
 Project No: MIDWAY RISING
 Location: Sports Arena
 Date Received: 06/28/23

Sample ID: T-19-2.5 **Lab ID:** 487624-001 **Collected:** 06/28/23 08:07
Matrix: Soil

487624-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	5.0		mg/Kg	0.98	0.98	317231	06/29/23	06/29/23	SBW

Sample ID: T-20-2 **Lab ID:** 487624-002 **Collected:** 06/28/23 08:16
Matrix: Soil

487624-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	4.6		mg/Kg	0.96	0.96	317231	06/29/23	06/29/23	SBW

Sample ID: T-21-3 **Lab ID:** 487624-003 **Collected:** 06/28/23 08:28
Matrix: Soil

487624-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	7.1		mg/Kg	0.99	0.99	317231	06/29/23	06/29/23	SBW

Sample ID: T-21-4 **Lab ID:** 487624-004 **Collected:** 06/28/23 08:32
Matrix: Soil

487624-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	ND		mg/Kg	0.95	0.95	317231	06/29/23	06/29/23	SBW

Sample ID: T-22-3 **Lab ID:** 487624-005 **Collected:** 06/28/23 08:41
Matrix: Soil

487624-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	1.7		mg/Kg	0.98	0.98	317231	06/29/23	06/29/23	SBW

Analysis Results for 487624

Sample ID: T-22-5	Lab ID: 487624-006	Collected: 06/28/23 08:44
Matrix: Soil		

487624-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B									
Prep Method: EPA 3050B									
Lead	ND		mg/Kg	0.97	0.97	317231	06/29/23	06/29/23	SBW

Sample ID: T-23-2.5	Lab ID: 487624-007	Collected: 06/28/23 09:26
Matrix: Soil		

487624-007 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	317231	06/29/23	06/29/23	SBW
Arsenic	5.8		mg/Kg	0.99	0.99	317231	06/29/23	06/29/23	SBW
Barium	33		mg/Kg	0.99	0.99	317231	06/29/23	06/29/23	SBW
Beryllium	ND		mg/Kg	0.50	0.99	317231	06/29/23	06/29/23	SBW
Cadmium	ND		mg/Kg	0.50	0.99	317231	06/29/23	06/29/23	SBW
Chromium	12		mg/Kg	0.99	0.99	317231	06/29/23	06/29/23	SBW
Cobalt	4.6		mg/Kg	0.50	0.99	317231	06/29/23	06/29/23	SBW
Copper	9.2		mg/Kg	0.99	0.99	317231	06/29/23	06/29/23	SBW
Lead	17		mg/Kg	0.99	0.99	317231	06/29/23	06/29/23	SBW
Molybdenum	ND		mg/Kg	0.99	0.99	317231	06/29/23	06/29/23	SBW
Nickel	6.7		mg/Kg	0.99	0.99	317231	06/29/23	06/29/23	SBW
Selenium	ND		mg/Kg	3.0	0.99	317231	06/29/23	06/29/23	SBW
Silver	ND		mg/Kg	0.50	0.99	317231	06/29/23	06/29/23	SBW
Thallium	ND		mg/Kg	3.0	0.99	317231	06/29/23	06/29/23	SBW
Vanadium	33		mg/Kg	0.99	0.99	317231	06/29/23	06/29/23	SBW
Zinc	52		mg/Kg	5.0	0.99	317231	06/29/23	06/29/23	SBW

Method: EPA 7471A									
Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	317282	06/29/23	06/30/23	KAM

Analysis Results for 487624

Sample ID: T-23-4	Lab ID: 487624-008	Collected: 06/28/23 09:35
Matrix: Soil		

487624-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.8	0.94	317231	06/29/23	06/30/23	SBW
Arsenic	14		mg/Kg	0.94	0.94	317231	06/29/23	06/30/23	SBW
Barium	350		mg/Kg	0.94	0.94	317231	06/29/23	06/30/23	SBW
Beryllium	ND		mg/Kg	0.47	0.94	317231	06/29/23	06/30/23	SBW
Cadmium	1.6		mg/Kg	0.47	0.94	317231	06/29/23	06/30/23	SBW
Chromium	27		mg/Kg	0.94	0.94	317231	06/29/23	06/30/23	SBW
Cobalt	8.3		mg/Kg	0.47	0.94	317231	06/29/23	06/30/23	SBW
Copper	84		mg/Kg	0.94	0.94	317231	06/29/23	06/30/23	SBW
Lead	620		mg/Kg	0.94	0.94	317231	06/29/23	06/30/23	SBW
Molybdenum	1.0		mg/Kg	0.94	0.94	317231	06/29/23	06/30/23	SBW
Nickel	11		mg/Kg	0.94	0.94	317231	06/29/23	06/30/23	SBW
Selenium	ND		mg/Kg	2.8	0.94	317231	06/29/23	06/30/23	SBW
Silver	ND		mg/Kg	0.47	0.94	317231	06/29/23	06/30/23	SBW
Thallium	ND		mg/Kg	2.8	0.94	317231	06/29/23	06/30/23	SBW
Vanadium	47		mg/Kg	0.94	0.94	317231	06/29/23	06/30/23	SBW
Zinc	640		mg/Kg	4.7	0.94	317231	06/29/23	06/30/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	0.17		mg/Kg	0.16	1.1	317282	06/29/23	06/30/23	KAM
Method: EPA 8015B Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	10	1	317262	06/29/23	06/29/23	SME
TPH (C13-C22)	ND		mg/Kg	10	1	317262	06/29/23	06/29/23	SME
TPH (C23-C44)	ND		mg/Kg	50	1	317262	06/29/23	06/29/23	SME
Surrogates	Limits								
n-Triacontane	98%		%REC	70-130	1	317262	06/29/23	06/29/23	SME
Method: EPA 8260B Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Isopropyl Ether (DIPE)	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
tert-Butyl Alcohol (TBA)	ND		ug/Kg	10	1	317311	06/30/23	06/30/23	HMN
Freon 12	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Chloromethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Vinyl Chloride	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Bromomethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Chloroethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN

Analysis Results for 487624

487624-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Trichlorofluoromethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Acetone	ND		ug/Kg	100	1	317311	06/30/23	06/30/23	HMN
Freon 113	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,1-Dichloroethene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Methylene Chloride	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
MTBE	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,1-Dichloroethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
2-Butanone	ND		ug/Kg	100	1	317311	06/30/23	06/30/23	HMN
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
2,2-Dichloropropane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Chloroform	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Bromochloromethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,1-Dichloropropene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Carbon Tetrachloride	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,2-Dichloroethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Benzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Trichloroethene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,2-Dichloropropane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Bromodichloromethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Dibromomethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
4-Methyl-2-Pentanone	ND		ug/Kg	8.1	1	317311	06/30/23	06/30/23	HMN
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Toluene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,3-Dichloropropane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Tetrachloroethene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Dibromochloromethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,2-Dibromoethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Chlorobenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Ethylbenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
m,p-Xylenes	ND		ug/Kg	10	1	317311	06/30/23	06/30/23	HMN
o-Xylene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Styrene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Bromoform	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Isopropylbenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Propylbenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Bromobenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
2-Chlorotoluene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
4-Chlorotoluene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN

Analysis Results for 487624

487624-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
tert-Butylbenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
sec-Butylbenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
n-Butylbenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Hexachlorobutadiene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Naphthalene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Xylene (total)	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN

Surrogates			Limits						
Dibromofluoromethane	104%	%REC	70-145	1	317311	06/30/23	06/30/23	HMN	
1,2-Dichloroethane-d4	95%	%REC	70-145	1	317311	06/30/23	06/30/23	HMN	
Toluene-d8	105%	%REC	70-145	1	317311	06/30/23	06/30/23	HMN	
Bromofluorobenzene	103%	%REC	70-145	1	317311	06/30/23	06/30/23	HMN	

Method: EPA 8270C
 Prep Method: EPA 3546

Carbazole	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
1-Methylnaphthalene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Pyridine	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
N-Nitrosodimethylamine	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Phenol	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Aniline	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	1	317254	06/29/23	06/30/23	TJW
2-Chlorophenol	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
1,3-Dichlorobenzene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
1,4-Dichlorobenzene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Benzyl alcohol	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
1,2-Dichlorobenzene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
2-Methylphenol	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
3-,4-Methylphenol	ND		ug/Kg	400	1	317254	06/29/23	06/30/23	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Hexachloroethane	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Nitrobenzene	ND		ug/Kg	1,200	1	317254	06/29/23	06/30/23	TJW
Isophorone	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
2-Nitrophenol	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
2,4-Dimethylphenol	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Benzoic acid	ND		ug/Kg	1,200	1	317254	06/29/23	06/30/23	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
2,4-Dichlorophenol	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW

Analysis Results for 487624

487624-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Naphthalene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
4-Chloroaniline	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Hexachlorobutadiene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
2-Methylnaphthalene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	1	317254	06/29/23	06/30/23	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
2-Chloronaphthalene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
2-Nitroaniline	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Dimethylphthalate	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Acenaphthylene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
2,6-Dinitrotoluene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
3-Nitroaniline	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Acenaphthene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
2,4-Dinitrophenol	ND		ug/Kg	1,200	1	317254	06/29/23	06/30/23	TJW
4-Nitrophenol	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Dibenzofuran	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
2,4-Dinitrotoluene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Diethylphthalate	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Fluorene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
4-Nitroaniline	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Hexachlorobenzene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Pentachlorophenol	ND		ug/Kg	1,200	1	317254	06/29/23	06/30/23	TJW
Phenanthrene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Anthracene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Di-n-butylphthalate	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Fluoranthene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Benzidine	ND		ug/Kg	1,200	1	317254	06/29/23	06/30/23	TJW
Pyrene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Butylbenzylphthalate	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	1	317254	06/29/23	06/30/23	TJW
Benzo(a)anthracene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Chrysene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Di-n-octylphthalate	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Benzo(b)fluoranthene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Benzo(k)fluoranthene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Benzo(a)pyrene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW

Analysis Results for 487624

487624-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Benzo(g,h,i)perylene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Surrogates			Limits						
2-Fluorophenol	75%		%REC	29-120	1	317254	06/29/23	06/30/23	TJW
Phenol-d6	77%		%REC	30-120	1	317254	06/29/23	06/30/23	TJW
2,4,6-Tribromophenol	78%		%REC	32-120	1	317254	06/29/23	06/30/23	TJW
Nitrobenzene-d5	75%		%REC	33-120	1	317254	06/29/23	06/30/23	TJW
2-Fluorobiphenyl	71%		%REC	39-120	1	317254	06/29/23	06/30/23	TJW
Terphenyl-d14	83%		%REC	44-125	1	317254	06/29/23	06/30/23	TJW

Sample ID: T-23-8.5

Lab ID: 487624-009

Collected: 06/28/23 09:48

Matrix: Soil

487624-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B									
Prep Method: EPA 3050B									
Lead	1.1		mg/Kg	0.96	0.96	317231	06/29/23	06/30/23	SBW

Sample ID: T-24-1

Lab ID: 487624-010

Collected: 06/28/23 10:11

Matrix: Soil

487624-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B									
Prep Method: EPA 3050B									
Lead	8.1		mg/Kg	0.96	0.96	317231	06/29/23	06/30/23	SBW

Sample ID: T-24-2

Lab ID: 487624-011

Collected: 06/28/23 10:14

Matrix: Soil

487624-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B									
Prep Method: EPA 3050B									
Lead	4.7		mg/Kg	0.95	0.95	317433	07/05/23	07/07/23	SBW

Analysis Results for 487624

Sample ID: T-24-3.5	Lab ID: 487624-012	Collected: 06/28/23 10:16
Matrix: Soil		

487624-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B									
Prep Method: EPA 3050B									
Antimony	6.0		mg/Kg	2.9	0.98	317231	06/29/23	06/30/23	SBW
Arsenic	12		mg/Kg	0.98	0.98	317231	06/29/23	06/30/23	SBW
Barium	2,500		mg/Kg	9.8	9.8	317231	06/29/23	07/05/23	SBW
Beryllium	ND		mg/Kg	0.49	0.98	317231	06/29/23	06/30/23	SBW
Cadmium	2.2		mg/Kg	0.49	0.98	317231	06/29/23	06/30/23	SBW
Chromium	45		mg/Kg	0.98	0.98	317231	06/29/23	06/30/23	SBW
Cobalt	5.8		mg/Kg	0.49	0.98	317231	06/29/23	06/30/23	SBW
Copper	410		mg/Kg	0.98	0.98	317231	06/29/23	06/30/23	SBW
Lead	4,500		mg/Kg	9.8	9.8	317231	06/29/23	07/05/23	SBW
Molybdenum	ND		mg/Kg	0.98	0.98	317231	06/29/23	06/30/23	SBW
Nickel	15		mg/Kg	0.98	0.98	317231	06/29/23	06/30/23	SBW
Selenium	ND		mg/Kg	2.9	0.98	317231	06/29/23	06/30/23	SBW
Silver	2.6		mg/Kg	0.49	0.98	317231	06/29/23	06/30/23	SBW
Thallium	ND		mg/Kg	2.9	0.98	317231	06/29/23	06/30/23	SBW
Vanadium	35		mg/Kg	0.98	0.98	317231	06/29/23	06/30/23	SBW
Zinc	1,000		mg/Kg	4.9	0.98	317231	06/29/23	06/30/23	SBW
Method: EPA 7471A									
Prep Method: METHOD									
Mercury	1.5		mg/Kg	0.15	1.1	317282	06/29/23	06/30/23	KAM
Method: EPA 8015B									
Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	9.9	0.99	317357	06/30/23	07/01/23	BJG
TPH (C13-C22)	ND		mg/Kg	9.9	0.99	317357	06/30/23	07/01/23	BJG
TPH (C23-C44)	ND		mg/Kg	50	0.99	317357	06/30/23	07/01/23	BJG
Surrogates	Limits								
n-Triacontane	105%		%REC	70-130	0.99	317357	06/30/23	07/01/23	BJG

Analysis Results for 487624

Sample ID: T-24-4.5	Lab ID: 487624-013	Collected: 06/28/23 10:19
Matrix: Soil		

487624-013 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	317231	06/29/23	06/30/23	SBW
Arsenic	2.7		mg/Kg	0.99	0.99	317231	06/29/23	06/30/23	SBW
Barium	220		mg/Kg	0.99	0.99	317231	06/29/23	06/30/23	SBW
Beryllium	ND		mg/Kg	0.50	0.99	317231	06/29/23	06/30/23	SBW
Cadmium	ND		mg/Kg	0.50	0.99	317231	06/29/23	06/30/23	SBW
Chromium	24		mg/Kg	0.99	0.99	317231	06/29/23	06/30/23	SBW
Cobalt	5.4		mg/Kg	0.50	0.99	317231	06/29/23	06/30/23	SBW
Copper	57		mg/Kg	0.99	0.99	317231	06/29/23	06/30/23	SBW
Lead	270		mg/Kg	0.99	0.99	317231	06/29/23	06/30/23	SBW
Molybdenum	ND		mg/Kg	0.99	0.99	317231	06/29/23	06/30/23	SBW
Nickel	7.5		mg/Kg	0.99	0.99	317231	06/29/23	06/30/23	SBW
Selenium	ND		mg/Kg	3.0	0.99	317231	06/29/23	06/30/23	SBW
Silver	ND		mg/Kg	0.50	0.99	317231	06/29/23	06/30/23	SBW
Thallium	ND		mg/Kg	3.0	0.99	317231	06/29/23	06/30/23	SBW
Vanadium	51		mg/Kg	0.99	0.99	317231	06/29/23	06/30/23	SBW
Zinc	330		mg/Kg	5.0	0.99	317231	06/29/23	06/30/23	SBW
Method: EPA 7471A									
Prep Method: METHOD									
Mercury	0.67		mg/Kg	0.15	1.1	317282	06/29/23	06/30/23	KAM
Method: EPA 8015B									
Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	9.9	0.99	317262	06/29/23	06/29/23	SME
TPH (C13-C22)	ND		mg/Kg	9.9	0.99	317262	06/29/23	06/29/23	SME
TPH (C23-C44)	ND		mg/Kg	50	0.99	317262	06/29/23	06/29/23	SME
Surrogates	Limits								
n-Triacontane	98%		%REC	70-130	0.99	317262	06/29/23	06/29/23	SME
Method: EPA 8260B									
Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Isopropyl Ether (DIPE)	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
tert-Butyl Alcohol (TBA)	ND		ug/Kg	10	1	317311	06/30/23	06/30/23	HMN
Freon 12	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Chloromethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Vinyl Chloride	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Bromomethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Chloroethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN

Analysis Results for 487624

487624-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Trichlorofluoromethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Acetone	ND		ug/Kg	100	1	317311	06/30/23	06/30/23	HMN
Freon 113	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,1-Dichloroethene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Methylene Chloride	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
MTBE	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,1-Dichloroethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
2-Butanone	ND		ug/Kg	100	1	317311	06/30/23	06/30/23	HMN
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
2,2-Dichloropropane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Chloroform	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Bromochloromethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,1-Dichloropropene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Carbon Tetrachloride	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,2-Dichloroethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Benzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Trichloroethene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,2-Dichloropropane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Bromodichloromethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Dibromomethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
4-Methyl-2-Pentanone	ND		ug/Kg	8.1	1	317311	06/30/23	06/30/23	HMN
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Toluene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,3-Dichloropropane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Tetrachloroethene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Dibromochloromethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,2-Dibromoethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Chlorobenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Ethylbenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
m,p-Xylenes	ND		ug/Kg	10	1	317311	06/30/23	06/30/23	HMN
o-Xylene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Styrene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Bromoform	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Isopropylbenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Propylbenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Bromobenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
2-Chlorotoluene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
4-Chlorotoluene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN

Analysis Results for 487624

487624-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
tert-Butylbenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
sec-Butylbenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
n-Butylbenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Hexachlorobutadiene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Naphthalene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Xylene (total)	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN

Surrogates			Limits						
Dibromofluoromethane	103%	%REC	70-145	1	317311	06/30/23	06/30/23	HMN	
1,2-Dichloroethane-d4	94%	%REC	70-145	1	317311	06/30/23	06/30/23	HMN	
Toluene-d8	105%	%REC	70-145	1	317311	06/30/23	06/30/23	HMN	
Bromofluorobenzene	107%	%REC	70-145	1	317311	06/30/23	06/30/23	HMN	

Method: EPA 8270C

Prep Method: EPA 3546

Carbazole	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
1-Methylnaphthalene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Pyridine	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
N-Nitrosodimethylamine	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Phenol	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Aniline	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	1	317254	06/29/23	06/30/23	TJW
2-Chlorophenol	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
1,3-Dichlorobenzene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
1,4-Dichlorobenzene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Benzyl alcohol	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
1,2-Dichlorobenzene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
2-Methylphenol	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
3-,4-Methylphenol	ND		ug/Kg	400	1	317254	06/29/23	06/30/23	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Hexachloroethane	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Nitrobenzene	ND		ug/Kg	1,200	1	317254	06/29/23	06/30/23	TJW
Isophorone	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
2-Nitrophenol	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
2,4-Dimethylphenol	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Benzoic acid	ND		ug/Kg	1,200	1	317254	06/29/23	06/30/23	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
2,4-Dichlorophenol	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW

Analysis Results for 487624

487624-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Naphthalene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
4-Chloroaniline	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Hexachlorobutadiene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
2-Methylnaphthalene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	1	317254	06/29/23	06/30/23	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
2-Chloronaphthalene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
2-Nitroaniline	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Dimethylphthalate	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Acenaphthylene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
2,6-Dinitrotoluene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
3-Nitroaniline	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Acenaphthene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
2,4-Dinitrophenol	ND		ug/Kg	1,200	1	317254	06/29/23	06/30/23	TJW
4-Nitrophenol	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Dibenzofuran	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
2,4-Dinitrotoluene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Diethylphthalate	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Fluorene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
4-Nitroaniline	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Hexachlorobenzene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Pentachlorophenol	ND		ug/Kg	1,200	1	317254	06/29/23	06/30/23	TJW
Phenanthrene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Anthracene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Di-n-butylphthalate	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Fluoranthene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Benzidine	ND		ug/Kg	1,200	1	317254	06/29/23	06/30/23	TJW
Pyrene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Butylbenzylphthalate	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	1	317254	06/29/23	06/30/23	TJW
Benzo(a)anthracene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Chrysene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Di-n-octylphthalate	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Benzo(b)fluoranthene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Benzo(k)fluoranthene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Benzo(a)pyrene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW

Analysis Results for 487624

487624-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Benzo(g,h,i)perylene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Surrogates	Limits								
2-Fluorophenol	84%		%REC	29-120	1	317254	06/29/23	06/30/23	TJW
Phenol-d6	87%		%REC	30-120	1	317254	06/29/23	06/30/23	TJW
2,4,6-Tribromophenol	84%		%REC	32-120	1	317254	06/29/23	06/30/23	TJW
Nitrobenzene-d5	82%		%REC	33-120	1	317254	06/29/23	06/30/23	TJW
2-Fluorobiphenyl	78%		%REC	39-120	1	317254	06/29/23	06/30/23	TJW
Terphenyl-d14	84%		%REC	44-125	1	317254	06/29/23	06/30/23	TJW

Sample ID: T-24-6 **Lab ID: 487624-014** **Collected: 06/28/23 10:23**
Matrix: Soil

487624-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B									
Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.98	317231	06/29/23	06/30/23	SBW
Arsenic	ND		mg/Kg	0.98	0.98	317231	06/29/23	06/30/23	SBW
Barium	49		mg/Kg	0.98	0.98	317231	06/29/23	06/30/23	SBW
Beryllium	ND		mg/Kg	0.49	0.98	317231	06/29/23	06/30/23	SBW
Cadmium	ND		mg/Kg	0.49	0.98	317231	06/29/23	06/30/23	SBW
Chromium	18		mg/Kg	0.98	0.98	317231	06/29/23	06/30/23	SBW
Cobalt	3.3		mg/Kg	0.49	0.98	317231	06/29/23	06/30/23	SBW
Copper	4.3		mg/Kg	0.98	0.98	317231	06/29/23	06/30/23	SBW
Lead	1.0		mg/Kg	0.98	0.98	317231	06/29/23	06/30/23	SBW
Molybdenum	ND		mg/Kg	0.98	0.98	317231	06/29/23	06/30/23	SBW
Nickel	2.7		mg/Kg	0.98	0.98	317231	06/29/23	06/30/23	SBW
Selenium	ND		mg/Kg	2.9	0.98	317231	06/29/23	06/30/23	SBW
Silver	ND		mg/Kg	0.49	0.98	317231	06/29/23	06/30/23	SBW
Thallium	ND		mg/Kg	2.9	0.98	317231	06/29/23	06/30/23	SBW
Vanadium	68		mg/Kg	0.98	0.98	317231	06/29/23	06/30/23	SBW
Zinc	19		mg/Kg	4.9	0.98	317231	06/29/23	06/30/23	SBW
Method: EPA 7471A									
Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	317282	06/29/23	06/30/23	KAM
Method: EPA 8015B									
Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	9.9	0.99	317262	06/29/23	06/29/23	SME
TPH (C13-C22)	ND		mg/Kg	9.9	0.99	317262	06/29/23	06/29/23	SME
TPH (C23-C44)	ND		mg/Kg	50	0.99	317262	06/29/23	06/29/23	SME
Surrogates	Limits								
n-Triacontane	97%		%REC	70-130	0.99	317262	06/29/23	06/29/23	SME

Analysis Results for 487624

Sample ID: T-24-7	Lab ID: 487624-015	Collected: 06/28/23 10:32
	Matrix: Soil	

487624-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B									
Prep Method: EPA 3050B									
Lead	1.4		mg/Kg	0.96	0.96	317231	06/29/23	06/30/23	SBW

Sample ID: T-24-9	Lab ID: 487624-016	Collected: 06/28/23 10:38
	Matrix: Soil	

487624-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B									
Prep Method: EPA 3050B									
Lead	ND		mg/Kg	0.95	0.95	317270	06/29/23	07/05/23	SBW

ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1076832	Batch: 317231
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1076832 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	06/29/23	06/29/23
Arsenic	ND		mg/Kg	1.0	06/29/23	06/29/23
Barium	ND		mg/Kg	1.0	06/29/23	06/29/23
Beryllium	ND		mg/Kg	0.50	06/29/23	06/29/23
Cadmium	ND		mg/Kg	0.50	06/29/23	06/29/23
Chromium	ND		mg/Kg	1.0	06/29/23	06/29/23
Cobalt	ND		mg/Kg	0.50	06/29/23	06/29/23
Copper	ND		mg/Kg	1.0	06/29/23	06/29/23
Lead	ND		mg/Kg	1.0	06/29/23	06/29/23
Molybdenum	ND		mg/Kg	1.0	06/29/23	06/29/23
Nickel	ND		mg/Kg	1.0	06/29/23	06/29/23
Selenium	ND		mg/Kg	3.0	06/29/23	06/29/23
Silver	ND		mg/Kg	0.50	06/29/23	06/29/23
Thallium	ND		mg/Kg	3.0	06/29/23	06/29/23
Vanadium	ND		mg/Kg	1.0	06/29/23	06/29/23
Zinc	ND		mg/Kg	5.0	06/29/23	06/29/23

Type: Lab Control Sample	Lab ID: QC1076833	Batch: 317231
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1076833 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	89.09	100.0	mg/Kg	89%		80-120
Arsenic	90.83	100.0	mg/Kg	91%		80-120
Barium	96.85	100.0	mg/Kg	97%		80-120
Beryllium	88.45	100.0	mg/Kg	88%		80-120
Cadmium	96.18	100.0	mg/Kg	96%		80-120
Chromium	92.29	100.0	mg/Kg	92%		80-120
Cobalt	92.58	100.0	mg/Kg	93%		80-120
Copper	92.18	100.0	mg/Kg	92%		80-120
Lead	99.19	100.0	mg/Kg	99%		80-120
Molybdenum	91.51	100.0	mg/Kg	92%		80-120
Nickel	97.75	100.0	mg/Kg	98%		80-120
Selenium	79.95	100.0	mg/Kg	80%		80-120
Silver	41.58	50.00	mg/Kg	83%		80-120
Thallium	95.35	100.0	mg/Kg	95%		80-120
Vanadium	93.23	100.0	mg/Kg	93%		80-120
Zinc	97.68	100.0	mg/Kg	98%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1076834	Batch: 317231
Matrix (Source ID): Soil (487628-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1076834 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	34.70	ND	97.09	mg/Kg	36%	*	75-125	0.97
Arsenic	80.04	2.882	97.09	mg/Kg	79%		75-125	0.97
Barium	250.7	173.6	97.09	mg/Kg	79%		75-125	0.97
Beryllium	81.97	0.1690	97.09	mg/Kg	84%		75-125	0.97
Cadmium	79.48	0.2597	97.09	mg/Kg	82%		75-125	0.97
Chromium	99.46	20.56	97.09	mg/Kg	81%		75-125	0.97
Cobalt	89.47	4.827	97.09	mg/Kg	87%		75-125	0.97
Copper	106.3	72.59	97.09	mg/Kg	35%	*	75-125	0.97
Lead	191.0	2777	97.09	mg/Kg	-2663%	NM	75-125	0.97
Molybdenum	77.75	0.2907	97.09	mg/Kg	80%		75-125	0.97
Nickel	86.88	6.082	97.09	mg/Kg	83%		75-125	0.97
Selenium	74.29	0.5230	97.09	mg/Kg	76%		75-125	0.97
Silver	40.49	ND	48.54	mg/Kg	83%		75-125	0.97
Thallium	80.13	ND	97.09	mg/Kg	83%		75-125	0.97
Vanadium	134.2	52.95	97.09	mg/Kg	84%		75-125	0.97
Zinc	172.6	122.4	97.09	mg/Kg	52%	*	75-125	0.97

Type: Matrix Spike Duplicate	Lab ID: QC1076835	Batch: 317231
Matrix (Source ID): Soil (487628-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1076835 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Antimony	34.97	ND	98.04	mg/Kg	36%	*	75-125	0	41	0.98
Arsenic	81.75	2.882	98.04	mg/Kg	80%		75-125	1	35	0.98
Barium	243.2	173.6	98.04	mg/Kg	71%	*	75-125	3	20	0.98
Beryllium	83.74	0.1690	98.04	mg/Kg	85%		75-125	1	20	0.98
Cadmium	81.22	0.2597	98.04	mg/Kg	83%		75-125	1	20	0.98
Chromium	100.9	20.56	98.04	mg/Kg	82%		75-125	1	20	0.98
Cobalt	91.49	4.827	98.04	mg/Kg	88%		75-125	1	20	0.98
Copper	108.3	72.59	98.04	mg/Kg	36%	*	75-125	1	20	0.98
Lead	205.2	2777	98.04	mg/Kg	-2623%	NM	75-125	7	20	0.98
Molybdenum	79.69	0.2907	98.04	mg/Kg	81%		75-125	1	20	0.98
Nickel	88.63	6.082	98.04	mg/Kg	84%		75-125	1	20	0.98
Selenium	76.21	0.5230	98.04	mg/Kg	77%		75-125	2	20	0.98
Silver	41.31	ND	49.02	mg/Kg	84%		75-125	1	20	0.98
Thallium	82.14	ND	98.04	mg/Kg	84%		75-125	1	20	0.98
Vanadium	135.2	52.95	98.04	mg/Kg	84%		75-125	0	20	0.98
Zinc	165.2	122.4	98.04	mg/Kg	44%	*	75-125	5	20	0.98

Batch QC

Type: Post Digest Spike	Lab ID: QC1076836	Batch: 317231
Matrix (Source ID): Soil (487628-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1076836 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	97.71	ND	97.09	mg/Kg	101%		75-125	0.97
Arsenic	100.8	2.882	97.09	mg/Kg	101%		75-125	0.97
Barium	277.9	173.6	97.09	mg/Kg	107%		75-125	0.97
Beryllium	100.4	0.1690	97.09	mg/Kg	103%		75-125	0.97
Cadmium	98.24	0.2597	97.09	mg/Kg	101%		75-125	0.97
Chromium	120.1	20.56	97.09	mg/Kg	103%		75-125	0.97
Cobalt	110.6	4.827	97.09	mg/Kg	109%		75-125	0.97
Copper	181.7	72.59	97.09	mg/Kg	112%		75-125	0.97
Lead	2,923	2777	97.09	mg/Kg	150%	NM	75-125	9.7
Molybdenum	101.5	0.2907	97.09	mg/Kg	104%		75-125	0.97
Nickel	107.0	6.082	97.09	mg/Kg	104%		75-125	0.97
Selenium	93.35	0.5230	97.09	mg/Kg	96%		75-125	0.97
Silver	50.12	ND	48.54	mg/Kg	103%		75-125	0.97
Thallium	99.94	ND	97.09	mg/Kg	103%		75-125	0.97
Vanadium	155.8	52.95	97.09	mg/Kg	106%		75-125	0.97
Zinc	219.9	122.4	97.09	mg/Kg	100%		75-125	0.97

Type: Blank	Lab ID: QC1076945	Batch: 317270
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1076945 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	06/29/23	07/05/23
Arsenic	ND		mg/Kg	1.0	06/29/23	07/05/23
Barium	ND		mg/Kg	1.0	06/29/23	07/05/23
Beryllium	ND		mg/Kg	0.50	06/29/23	07/01/23
Cadmium	ND		mg/Kg	0.50	06/29/23	07/05/23
Chromium	ND		mg/Kg	1.0	06/29/23	07/05/23
Cobalt	ND		mg/Kg	0.50	06/29/23	07/05/23
Copper	ND		mg/Kg	1.0	06/29/23	07/01/23
Lead	ND		mg/Kg	1.0	06/29/23	07/05/23
Molybdenum	ND		mg/Kg	1.0	06/29/23	07/05/23
Nickel	ND		mg/Kg	1.0	06/29/23	07/05/23
Selenium	ND		mg/Kg	3.0	06/29/23	07/05/23
Silver	ND		mg/Kg	0.50	06/29/23	07/05/23
Thallium	ND		mg/Kg	3.0	06/29/23	07/05/23
Vanadium	ND		mg/Kg	1.0	06/29/23	07/05/23
Zinc	ND		mg/Kg	5.0	06/29/23	07/01/23

Batch QC

Type: Lab Control Sample	Lab ID: QC1076946	Batch: 317270
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1076946 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	89.68	100.0	mg/Kg	90%		80-120
Arsenic	85.22	100.0	mg/Kg	85%		80-120
Barium	86.81	100.0	mg/Kg	87%		80-120
Beryllium	85.04	100.0	mg/Kg	85%		80-120
Cadmium	91.18	100.0	mg/Kg	91%		80-120
Chromium	88.65	100.0	mg/Kg	89%		80-120
Cobalt	92.98	100.0	mg/Kg	93%		80-120
Copper	87.72	100.0	mg/Kg	88%		80-120
Lead	87.85	100.0	mg/Kg	88%		80-120
Molybdenum	83.86	100.0	mg/Kg	84%		80-120
Nickel	90.40	100.0	mg/Kg	90%		80-120
Selenium	80.07	100.0	mg/Kg	80%		80-120
Silver	43.94	50.00	mg/Kg	88%		80-120
Thallium	86.61	100.0	mg/Kg	87%		80-120
Vanadium	86.23	100.0	mg/Kg	86%		80-120
Zinc	86.78	100.0	mg/Kg	87%		80-120

Type: Matrix Spike	Lab ID: QC1076947	Batch: 317270
Matrix (Source ID): Soil (487624-016)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1076947 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	38.86	ND	99.01	mg/Kg	39%	*	75-125	0.99
Arsenic	125.6	3.276	99.01	mg/Kg	124%		75-125	0.99
Barium	282.8	160.2	99.01	mg/Kg	124%		75-125	0.99
Beryllium	122.3	0.1661	99.01	mg/Kg	123%		75-125	0.99
Cadmium	128.3	0.3813	99.01	mg/Kg	129%	*	75-125	0.99
Chromium	156.7	31.16	99.01	mg/Kg	127%	*	75-125	0.99
Cobalt	140.3	9.778	99.01	mg/Kg	132%	*	75-125	0.99
Copper	146.7	14.02	99.01	mg/Kg	134%	*	75-125	0.99
Lead	126.0	ND	99.01	mg/Kg	127%	*	75-125	0.99
Molybdenum	114.4	0.4025	99.01	mg/Kg	115%		75-125	0.99
Nickel	138.4	9.191	99.01	mg/Kg	130%	*	75-125	0.99
Selenium	116.0	ND	99.01	mg/Kg	117%		75-125	0.99
Silver	59.96	ND	49.50	mg/Kg	121%		75-125	0.99
Thallium	120.3	ND	99.01	mg/Kg	122%		75-125	0.99
Vanadium	210.4	82.33	99.01	mg/Kg	129%	*	75-125	0.99
Zinc	172.2	38.79	99.01	mg/Kg	135%	*	75-125	0.99

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1076948	Batch: 317270
Matrix (Source ID): Soil (487624-016)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1076948 Analyte	Result	Source Sample		Spiked	Units	Recovery	Qual	Limits	RPD		DF
		Result							RPD	Lim	
Antimony	38.98	ND		99.01	mg/Kg	39%	*	75-125	0	41	0.99
Arsenic	128.0	3.276		99.01	mg/Kg	126%	*	75-125	2	35	0.99
Barium	293.6	160.2		99.01	mg/Kg	135%	*	75-125	4	20	0.99
Beryllium	124.1	0.1661		99.01	mg/Kg	125%		75-125	2	20	0.99
Cadmium	130.4	0.3813		99.01	mg/Kg	131%	*	75-125	2	20	0.99
Chromium	159.5	31.16		99.01	mg/Kg	130%	*	75-125	2	20	0.99
Cobalt	141.7	9.778		99.01	mg/Kg	133%	*	75-125	1	20	0.99
Copper	149.0	14.02		99.01	mg/Kg	136%	*	75-125	2	20	0.99
Lead	128.4	ND		99.01	mg/Kg	130%	*	75-125	2	20	0.99
Molybdenum	115.8	0.4025		99.01	mg/Kg	117%		75-125	1	20	0.99
Nickel	140.0	9.191		99.01	mg/Kg	132%	*	75-125	1	20	0.99
Selenium	117.4	ND		99.01	mg/Kg	119%		75-125	1	20	0.99
Silver	60.83	ND		49.50	mg/Kg	123%		75-125	1	20	0.99
Thallium	122.5	ND		99.01	mg/Kg	124%		75-125	2	20	0.99
Vanadium	215.4	82.33		99.01	mg/Kg	134%	*	75-125	2	20	0.99
Zinc	175.5	38.79		99.01	mg/Kg	138%	*	75-125	2	20	0.99

Type: Post Digest Spike	Lab ID: QC1076949	Batch: 317270
Matrix (Source ID): Soil (487624-016)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1076949 Analyte	Result	Source Sample		Spiked	Units	Recovery	Qual	Limits	DF	
		Result								
Antimony	109.3	ND		95.24	mg/Kg	115%		75-125		0.95
Arsenic	115.8	3.276		95.24	mg/Kg	118%		75-125		0.95
Barium	258.4	160.2		95.24	mg/Kg	103%		75-125		0.95
Beryllium	110.1	0.1661		95.24	mg/Kg	115%		75-125		0.95
Cadmium	115.8	0.3813		95.24	mg/Kg	121%		75-125		0.95
Chromium	141.0	31.16		95.24	mg/Kg	115%		75-125		0.95
Cobalt	126.7	9.778		95.24	mg/Kg	123%		75-125		0.95
Copper	130.7	14.02		95.24	mg/Kg	122%		75-125		0.95
Lead	115.8	ND		95.24	mg/Kg	122%		75-125		0.95
Molybdenum	112.5	0.4025		95.24	mg/Kg	118%		75-125		0.95
Nickel	124.3	9.191		95.24	mg/Kg	121%		75-125		0.95
Selenium	107.5	ND		95.24	mg/Kg	113%		75-125		0.95
Silver	54.46	ND		47.62	mg/Kg	114%		75-125		0.95
Thallium	109.8	ND		95.24	mg/Kg	115%		75-125		0.95
Vanadium	188.1	82.33		95.24	mg/Kg	111%		75-125		0.95
Zinc	156.1	38.79		95.24	mg/Kg	123%		75-125		0.95

Batch QC

Type: Blank	Lab ID: QC1077498	Batch: 317433
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1077498 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Lead	ND		mg/Kg	1.0	07/05/23	07/07/23

Type: Lab Control Sample	Lab ID: QC1077499	Batch: 317433
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1077499 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Lead	106.4	100.0	mg/Kg	106%		80-120

Type: Matrix Spike	Lab ID: QC1077500	Batch: 317433
Matrix (Source ID): Soil (487743-005)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1077500 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Lead	104.0	7.349	98.04	mg/Kg	99%		75-125	0.98

Type: Matrix Spike Duplicate	Lab ID: QC1077501	Batch: 317433
Matrix (Source ID): Soil (487743-005)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1077501 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Lead	108.9	7.349	97.09	mg/Kg	105%		75-125	6	20	0.97

Type: Post Digest Spike	Lab ID: QC1077502	Batch: 317433
Matrix (Source ID): Soil (487743-005)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1077502 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Lead	106.6	7.349	97.09	mg/Kg	102%		75-125	0.97

Type: Blank	Lab ID: QC1076996	Batch: 317282
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1076996 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	06/29/23	06/30/23

Batch QC

Type: Lab Control Sample	Lab ID: QC1076997	Batch: 317282
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1076997 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.7829	0.8333	mg/Kg	94%		80-120

Type: Matrix Spike	Lab ID: QC1076998	Batch: 317282
Matrix (Source ID): Soil (487628-001)	Method: EPA 7471A	Prep Method: METHOD

QC1076998 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	1.000	0.1592	0.8621	mg/Kg	98%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1076999	Batch: 317282
Matrix (Source ID): Soil (487628-001)	Method: EPA 7471A	Prep Method: METHOD

QC1076999 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Mercury	1.046	0.1592	0.9091	mg/Kg	98%		75-125	0	20	1.1

Type: Blank	Lab ID: QC1076927	Batch: 317262
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 3580M

QC1076927 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH (C6-C12)	ND		mg/Kg	10	06/29/23	06/29/23
TPH (C13-C22)	ND		mg/Kg	10	06/29/23	06/29/23
TPH (C23-C44)	ND		mg/Kg	50	06/29/23	06/29/23
Surrogates				Limits		
n-Triacontane	96%		%REC	70-130	06/29/23	06/29/23

Type: Lab Control Sample	Lab ID: QC1076928	Batch: 317262
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 3580M

QC1076928 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	244.7	249.4	mg/Kg	98%		76-122
Surrogates						
n-Triacontane	9.809	9.975	mg/Kg	98%		70-130

Batch QC

Type: Matrix Spike	Lab ID: QC1076929	Batch: 317262
Matrix (Source ID): Soil (487648-001)	Method: EPA 8015B	Prep Method: EPA 3580M

QC1076929 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	245.8	ND	249.5	mg/Kg	99%		62-126	1
Surrogates								
n-Triacontane	9.948		9.980	mg/Kg	100%		70-130	1

Type: Matrix Spike Duplicate	Lab ID: QC1076930	Batch: 317262
Matrix (Source ID): Soil (487648-001)	Method: EPA 8015B	Prep Method: EPA 3580M

QC1076930 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	239.0	ND	249.0	mg/Kg	96%		62-126	3	35	1
Surrogates										
n-Triacontane	9.700		9.960	mg/Kg	97%		70-130			1

Type: Blank	Lab ID: QC1077234	Batch: 317357
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 3580M

QC1077234 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH (C6-C12)	ND		mg/Kg	10	06/30/23	06/30/23
TPH (C13-C22)	ND		mg/Kg	10	06/30/23	06/30/23
TPH (C23-C44)	ND		mg/Kg	50	06/30/23	06/30/23
Surrogates						
				Limits		
n-Triacontane	112%		%REC	70-130	06/30/23	06/30/23

Type: Lab Control Sample	Lab ID: QC1077235	Batch: 317357
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 3580M

QC1077235 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	250.0	249.1	mg/Kg	100%		76-122
Surrogates						
n-Triacontane	9.921	9.965	mg/Kg	100%		70-130

Batch QC

Type: Matrix Spike	Lab ID: QC1077236	Batch: 317357
Matrix (Source ID): Soil (487613-001)	Method: EPA 8015B	Prep Method: EPA 3580M

QC1077236 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	314.7	13.38	249.6	mg/Kg	121%		62-126	1
Surrogates								
n-Triacontane	10.17		9.985	mg/Kg	102%		70-130	1

Type: Matrix Spike Duplicate	Lab ID: QC1077237	Batch: 317357
Matrix (Source ID): Soil (487613-001)	Method: EPA 8015B	Prep Method: EPA 3580M

QC1077237 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	258.0	13.38	249.6	mg/Kg	98%		62-126	20	35	1
Surrogates										
n-Triacontane	9.555		9.985	mg/Kg	96%		70-130			1

Type: Lab Control Sample	Lab ID: QC1077106	Batch: 317311
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1077106 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	51.54	50.00	ug/Kg	103%		70-131
MTBE	50.65	50.00	ug/Kg	101%		69-130
Benzene	50.79	50.00	ug/Kg	102%		70-130
Trichloroethene	50.91	50.00	ug/Kg	102%		70-130
Toluene	51.39	50.00	ug/Kg	103%		70-130
Chlorobenzene	50.04	50.00	ug/Kg	100%		70-130
Surrogates						
Dibromofluoromethane	52.40	50.00	ug/Kg	105%		70-130
1,2-Dichloroethane-d4	50.81	50.00	ug/Kg	102%		70-145
Toluene-d8	49.50	50.00	ug/Kg	99%		70-145
Bromofluorobenzene	50.37	50.00	ug/Kg	101%		70-145

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1077107	Batch: 317311
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1077107 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	48.06	50.00	ug/Kg	96%		70-131	7	33
MTBE	48.67	50.00	ug/Kg	97%		69-130	4	30
Benzene	47.36	50.00	ug/Kg	95%		70-130	7	30
Trichloroethene	47.09	50.00	ug/Kg	94%		70-130	8	30
Toluene	48.68	50.00	ug/Kg	97%		70-130	5	30
Chlorobenzene	46.95	50.00	ug/Kg	94%		70-130	6	30
Surrogates								
Dibromofluoromethane	52.17	50.00	ug/Kg	104%		70-130		
1,2-Dichloroethane-d4	51.45	50.00	ug/Kg	103%		70-145		
Toluene-d8	50.57	50.00	ug/Kg	101%		70-145		
Bromofluorobenzene	51.26	50.00	ug/Kg	103%		70-145		

Batch QC

Type: Blank	Lab ID: QC1077110	Batch: 317311
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1077110 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	06/30/23	06/30/23
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	06/30/23	06/30/23
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	06/30/23	06/30/23
Isopropyl Ether (DIPE)	ND		ug/Kg	5.0	06/30/23	06/30/23
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.0	06/30/23	06/30/23
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	5.0	06/30/23	06/30/23
tert-Butyl Alcohol (TBA)	ND		ug/Kg	10	06/30/23	06/30/23
Freon 12	ND		ug/Kg	5.0	06/30/23	06/30/23
Chloromethane	ND		ug/Kg	5.0	06/30/23	06/30/23
Vinyl Chloride	ND		ug/Kg	5.0	06/30/23	06/30/23
Bromomethane	ND		ug/Kg	5.0	06/30/23	06/30/23
Chloroethane	ND		ug/Kg	5.0	06/30/23	06/30/23
Trichlorofluoromethane	ND		ug/Kg	5.0	06/30/23	06/30/23
Acetone	ND		ug/Kg	100	06/30/23	06/30/23
Freon 113	ND		ug/Kg	5.0	06/30/23	06/30/23
1,1-Dichloroethene	ND		ug/Kg	5.0	06/30/23	06/30/23
Methylene Chloride	ND		ug/Kg	5.0	06/30/23	06/30/23
MTBE	ND		ug/Kg	5.0	06/30/23	06/30/23
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	06/30/23	06/30/23
1,1-Dichloroethane	ND		ug/Kg	5.0	06/30/23	06/30/23
2-Butanone	ND		ug/Kg	100	06/30/23	06/30/23
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	06/30/23	06/30/23
2,2-Dichloropropane	ND		ug/Kg	5.0	06/30/23	06/30/23
Chloroform	ND		ug/Kg	5.0	06/30/23	06/30/23
Bromochloromethane	ND		ug/Kg	5.0	06/30/23	06/30/23
1,1,1-Trichloroethane	ND		ug/Kg	5.0	06/30/23	06/30/23
1,1-Dichloropropene	ND		ug/Kg	5.0	06/30/23	06/30/23
Carbon Tetrachloride	ND		ug/Kg	5.0	06/30/23	06/30/23
1,2-Dichloroethane	ND		ug/Kg	5.0	06/30/23	06/30/23
Benzene	ND		ug/Kg	5.0	06/30/23	06/30/23
Trichloroethene	ND		ug/Kg	5.0	06/30/23	06/30/23
1,2-Dichloropropane	ND		ug/Kg	5.0	06/30/23	06/30/23
Bromodichloromethane	ND		ug/Kg	5.0	06/30/23	06/30/23
Dibromomethane	ND		ug/Kg	5.0	06/30/23	06/30/23
4-Methyl-2-Pentanone	ND		ug/Kg	8.1	06/30/23	06/30/23
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	06/30/23	06/30/23
Toluene	ND		ug/Kg	5.0	06/30/23	06/30/23
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	06/30/23	06/30/23
1,1,2-Trichloroethane	ND		ug/Kg	5.0	06/30/23	06/30/23
1,3-Dichloropropane	ND		ug/Kg	5.0	06/30/23	06/30/23
Tetrachloroethene	ND		ug/Kg	5.0	06/30/23	06/30/23
Dibromochloromethane	ND		ug/Kg	5.0	06/30/23	06/30/23

Batch QC

QC1077110 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,2-Dibromoethane	ND		ug/Kg	5.0	06/30/23	06/30/23
Chlorobenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	06/30/23	06/30/23
Ethylbenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
m,p-Xylenes	ND		ug/Kg	10	06/30/23	06/30/23
o-Xylene	ND		ug/Kg	5.0	06/30/23	06/30/23
Styrene	ND		ug/Kg	5.0	06/30/23	06/30/23
Bromoform	ND		ug/Kg	5.0	06/30/23	06/30/23
Isopropylbenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	06/30/23	06/30/23
1,2,3-Trichloropropane	ND		ug/Kg	5.0	06/30/23	06/30/23
Propylbenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
Bromobenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
2-Chlorotoluene	ND		ug/Kg	5.0	06/30/23	06/30/23
4-Chlorotoluene	ND		ug/Kg	5.0	06/30/23	06/30/23
tert-Butylbenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
sec-Butylbenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
para-Isopropyl Toluene	ND		ug/Kg	5.0	06/30/23	06/30/23
1,3-Dichlorobenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
1,4-Dichlorobenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
n-Butylbenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
1,2-Dichlorobenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	06/30/23	06/30/23
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
Hexachlorobutadiene	ND		ug/Kg	5.0	06/30/23	06/30/23
Naphthalene	ND		ug/Kg	5.0	06/30/23	06/30/23
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
Xylene (total)	ND		ug/Kg	5.0	06/30/23	06/30/23
Surrogates				Limits		
Dibromofluoromethane	101%		%REC	70-130	06/30/23	06/30/23
1,2-Dichloroethane-d4	102%		%REC	70-145	06/30/23	06/30/23
Toluene-d8	105%		%REC	70-145	06/30/23	06/30/23
Bromofluorobenzene	103%		%REC	70-145	06/30/23	06/30/23

Batch QC

Type: Blank	Lab ID: QC1077035	Batch: 317254
Matrix: Soil	Method: EPA 8270C	Prep Method: EPA 3546

QC1077035 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Carbazole	ND		ug/Kg	250	06/29/23	06/29/23
1-Methylnaphthalene	ND		ug/Kg	250	06/29/23	06/29/23
Pyridine	ND		ug/Kg	250	06/29/23	06/29/23
N-Nitrosodimethylamine	ND		ug/Kg	250	06/29/23	06/29/23
Phenol	ND		ug/Kg	250	06/29/23	06/29/23
Aniline	ND		ug/Kg	250	06/29/23	06/29/23
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	06/29/23	06/29/23
2-Chlorophenol	ND		ug/Kg	250	06/29/23	06/29/23
1,3-Dichlorobenzene	ND		ug/Kg	250	06/29/23	06/29/23
1,4-Dichlorobenzene	ND		ug/Kg	250	06/29/23	06/29/23
Benzyl alcohol	ND		ug/Kg	250	06/29/23	06/29/23
1,2-Dichlorobenzene	ND		ug/Kg	250	06/29/23	06/29/23
2-Methylphenol	ND		ug/Kg	250	06/29/23	06/29/23
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	06/29/23	06/29/23
3-,4-Methylphenol	ND		ug/Kg	400	06/29/23	06/29/23
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	06/29/23	06/29/23
Hexachloroethane	ND		ug/Kg	250	06/29/23	06/29/23
Nitrobenzene	ND		ug/Kg	1,200	06/29/23	06/29/23
Isophorone	ND		ug/Kg	250	06/29/23	06/29/23
2-Nitrophenol	ND		ug/Kg	250	06/29/23	06/29/23
2,4-Dimethylphenol	ND		ug/Kg	250	06/29/23	06/29/23
Benzoic acid	ND		ug/Kg	1,200	06/29/23	06/29/23
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	06/29/23	06/29/23
2,4-Dichlorophenol	ND		ug/Kg	250	06/29/23	06/29/23
1,2,4-Trichlorobenzene	ND		ug/Kg	250	06/29/23	06/29/23
Naphthalene	ND		ug/Kg	250	06/29/23	06/29/23
4-Chloroaniline	ND		ug/Kg	250	06/29/23	06/29/23
Hexachlorobutadiene	ND		ug/Kg	250	06/29/23	06/29/23
4-Chloro-3-methylphenol	ND		ug/Kg	250	06/29/23	06/29/23
2-Methylnaphthalene	ND		ug/Kg	250	06/29/23	06/29/23
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	06/29/23	06/29/23
2,4,6-Trichlorophenol	ND		ug/Kg	250	06/29/23	06/29/23
2,4,5-Trichlorophenol	ND		ug/Kg	250	06/29/23	06/29/23
2-Chloronaphthalene	ND		ug/Kg	250	06/29/23	06/29/23
2-Nitroaniline	ND		ug/Kg	250	06/29/23	06/29/23
Dimethylphthalate	ND		ug/Kg	250	06/29/23	06/29/23
Acenaphthylene	ND		ug/Kg	250	06/29/23	06/29/23
2,6-Dinitrotoluene	ND		ug/Kg	250	06/29/23	06/29/23
3-Nitroaniline	ND		ug/Kg	250	06/29/23	06/29/23
Acenaphthene	ND		ug/Kg	250	06/29/23	06/29/23
2,4-Dinitrophenol	ND		ug/Kg	1,200	06/29/23	06/29/23
4-Nitrophenol	ND		ug/Kg	250	06/29/23	06/29/23

Batch QC

QC1077035 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Dibenzofuran	ND		ug/Kg	250	06/29/23	06/29/23
2,4-Dinitrotoluene	ND		ug/Kg	250	06/29/23	06/29/23
Diethylphthalate	ND		ug/Kg	250	06/29/23	06/29/23
Fluorene	ND		ug/Kg	250	06/29/23	06/29/23
4-Chlorophenyl-phenylether	ND		ug/Kg	250	06/29/23	06/29/23
4-Nitroaniline	ND		ug/Kg	250	06/29/23	06/29/23
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	06/29/23	06/29/23
N-Nitrosodiphenylamine	ND		ug/Kg	250	06/29/23	06/29/23
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	06/29/23	06/29/23
4-Bromophenyl-phenylether	ND		ug/Kg	250	06/29/23	06/29/23
Hexachlorobenzene	ND		ug/Kg	250	06/29/23	06/29/23
Pentachlorophenol	ND		ug/Kg	1,200	06/29/23	06/29/23
Phenanthrene	ND		ug/Kg	250	06/29/23	06/29/23
Anthracene	ND		ug/Kg	250	06/29/23	06/29/23
Di-n-butylphthalate	ND		ug/Kg	250	06/29/23	06/29/23
Fluoranthene	ND		ug/Kg	250	06/29/23	06/29/23
Benzidine	ND		ug/Kg	1,200	06/29/23	06/29/23
Pyrene	ND		ug/Kg	250	06/29/23	06/29/23
Butylbenzylphthalate	ND		ug/Kg	250	06/29/23	06/29/23
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	06/29/23	06/29/23
Benzo(a)anthracene	ND		ug/Kg	250	06/29/23	06/29/23
Chrysene	ND		ug/Kg	250	06/29/23	06/29/23
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	06/29/23	06/29/23
Di-n-octylphthalate	ND		ug/Kg	250	06/29/23	06/29/23
Benzo(b)fluoranthene	ND		ug/Kg	250	06/29/23	06/29/23
Benzo(k)fluoranthene	ND		ug/Kg	250	06/29/23	06/29/23
Benzo(a)pyrene	ND		ug/Kg	250	06/29/23	06/29/23
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	06/29/23	06/29/23
Dibenz(a,h)anthracene	ND		ug/Kg	250	06/29/23	06/29/23
Benzo(g,h,i)perylene	ND		ug/Kg	250	06/29/23	06/29/23
Surrogates				Limits		
2-Fluorophenol	92%		%REC	29-120	06/29/23	06/29/23
Phenol-d6	94%		%REC	30-120	06/29/23	06/29/23
2,4,6-Tribromophenol	76%		%REC	32-120	06/29/23	06/29/23
Nitrobenzene-d5	88%		%REC	33-120	06/29/23	06/29/23
2-Fluorobiphenyl	87%		%REC	39-120	06/29/23	06/29/23
Terphenyl-d14	92%		%REC	44-125	06/29/23	06/29/23

Batch QC

Type: Lab Control Sample	Lab ID: QC1077036	Batch: 317254
Matrix: Soil	Method: EPA 8270C	Prep Method: EPA 3546

QC1077036 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Phenol	4,467	3750	ug/Kg	119%		42-120
2-Chlorophenol	4,005	3750	ug/Kg	107%		41-120
1,4-Dichlorobenzene	4,009	3750	ug/Kg	107%		36-120
3-,4-Methylphenol	4,265	3750	ug/Kg	114%		42-120
N-Nitroso-di-n-propylamine	4,024	3750	ug/Kg	107%		43-121
2,4-Dimethylphenol	3,873	3750	ug/Kg	103%		25-120
1,2,4-Trichlorobenzene	3,830	3750	ug/Kg	102%		38-120
4-Chloro-3-methylphenol	4,153	3750	ug/Kg	111%		40-125
2,4,5-Trichlorophenol	4,073	3750	ug/Kg	109%		40-124
Acenaphthene	4,016	3750	ug/Kg	107%		35-126
4-Nitrophenol	3,468	3750	ug/Kg	92%		24-128
2,4-Dinitrotoluene	4,320	3750	ug/Kg	115%		40-131
Pentachlorophenol	2,940	3750	ug/Kg	78%		35-120
Pyrene	4,151	3750	ug/Kg	111%		37-135
Chrysene	3,821	3750	ug/Kg	102%		38-132
Benzo(b)fluoranthene	4,277	3750	ug/Kg	114%		38-135
Surrogates						
2-Fluorophenol	2,047	2000	ug/Kg	102%		29-120
Phenol-d6	2,159	2000	ug/Kg	108%		30-120
2,4,6-Tribromophenol	1,992	2000	ug/Kg	100%		32-120
Nitrobenzene-d5	2,001	2000	ug/Kg	100%		33-120
2-Fluorobiphenyl	1,922	2000	ug/Kg	96%		39-120
Terphenyl-d14	2,024	2000	ug/Kg	101%		44-125

Batch QC

Type: Matrix Spike	Lab ID: QC1077037	Batch: 317254
Matrix (Source ID): Soil (487562-001)	Method: EPA 8270C	Prep Method: EPA 3546

QC1077037 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Phenol	3,701	ND	3750	ug/Kg	99%		37-120	5
2-Chlorophenol	3,625	ND	3750	ug/Kg	97%		33-120	5
1,4-Dichlorobenzene	3,930	ND	3750	ug/Kg	105%		32-120	5
3-,4-Methylphenol	3,224	ND	3750	ug/Kg	86%		37-120	5
N-Nitroso-di-n-propylamine	3,915	ND	3750	ug/Kg	104%		32-120	5
2,4-Dimethylphenol	1,738	ND	3750	ug/Kg	46%		32-120	5
1,2,4-Trichlorobenzene	3,859	ND	3750	ug/Kg	103%		33-120	5
4-Chloro-3-methylphenol	2,826	ND	3750	ug/Kg	75%		41-121	5
2,4,5-Trichlorophenol	3,007	ND	3750	ug/Kg	80%		40-120	5
Acenaphthene	3,432	ND	3750	ug/Kg	92%		37-120	5
4-Nitrophenol	2,716	ND	3750	ug/Kg	72%		20-141	5
2,4-Dinitrotoluene	3,073	ND	3750	ug/Kg	82%		33-128	5
Pentachlorophenol	3,429	ND	3750	ug/Kg		DO	28-132	5
Pyrene	3,326	ND	3750	ug/Kg	89%		39-135	5
Chrysene	3,242	ND	3750	ug/Kg	86%		37-135	5
Benzo(b)fluoranthene	3,388	ND	3750	ug/Kg	90%		34-139	5
Surrogates								
2-Fluorophenol	1,669		2000	ug/Kg	83%		29-120	5
Phenol-d6	1,770		2000	ug/Kg	89%		30-120	5
2,4,6-Tribromophenol	1,303		2000	ug/Kg	65%		32-120	5
Nitrobenzene-d5	1,929		2000	ug/Kg	96%		33-120	5
2-Fluorobiphenyl	1,586		2000	ug/Kg	79%		39-120	5
Terphenyl-d14	1,571		2000	ug/Kg	79%		44-125	5

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1077038	Batch: 317254
Matrix (Source ID): Soil (487562-001)	Method: EPA 8270C	Prep Method: EPA 3546

QC1077038 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Phenol	3,833	ND	3713	ug/Kg	103%		37-120	4	49	5
2-Chlorophenol	3,711	ND	3713	ug/Kg	100%		33-120	3	52	5
1,4-Dichlorobenzene	3,940	ND	3713	ug/Kg	106%		32-120	1	50	5
3-,4-Methylphenol	3,380	ND	3713	ug/Kg	91%		37-120	6	54	5
N-Nitroso-di-n-propylamine	4,114	ND	3713	ug/Kg	111%		32-120	6	50	5
2,4-Dimethylphenol	1,910	ND	3713	ug/Kg	51%		32-120	10	50	5
1,2,4-Trichlorobenzene	3,945	ND	3713	ug/Kg	106%		33-120	3	50	5
4-Chloro-3-methylphenol	2,808	ND	3713	ug/Kg	76%		41-121	0	43	5
2,4,5-Trichlorophenol	3,035	ND	3713	ug/Kg	82%		40-120	2	47	5
Acenaphthene	3,322	ND	3713	ug/Kg	89%		37-120	2	48	5
4-Nitrophenol	2,760	ND	3713	ug/Kg	74%		20-141	3	30	5
2,4-Dinitrotoluene	3,087	ND	3713	ug/Kg	83%		33-128	1	50	5
Pentachlorophenol	3,425	ND	3713	ug/Kg		DO	28-132		30	5
Pyrene	3,252	ND	3713	ug/Kg	88%		39-135	1	41	5
Chrysene	3,121	ND	3713	ug/Kg	84%		37-135	3	46	5
Benzo(b)fluoranthene	3,421	ND	3713	ug/Kg	92%		34-139	2	47	5
Surrogates										
2-Fluorophenol	1,689		1980	ug/Kg	85%		29-120			5
Phenol-d6	1,814		1980	ug/Kg	92%		30-120			5
2,4,6-Tribromophenol	1,256		1980	ug/Kg	63%		32-120			5
Nitrobenzene-d5	2,002		1980	ug/Kg	101%		33-120			5
2-Fluorobiphenyl	1,557		1980	ug/Kg	79%		39-120			5
Terphenyl-d14	1,498		1980	ug/Kg	76%		44-125			5

* Value is outside QC limits
 DO Diluted Out
 ND Not Detected
 NM Not Meaningful



ENTHALPY
ANALYTICAL

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

enthalpy.com

Lab Job Number: 487628
Report Level: II
Report Date: 07/05/2023

Analytical Report *prepared for:*

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

Project: MIDWAY RISING - Sports Arena

Authorized for release by:

Ranjit K Clarke, Client Services Manager
(714) 771-9906
Ranjit.Clarke@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

Sample Summary

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

Lab Job #: 487628
Project No: MIDWAY RISING
Location: Sports Arena
Date Received: 06/28/23

Sample ID	Lab ID	Collected	Matrix
T-23 5'	487628-001	06/28/23 11:36	Soil
T-23 6.5'	487628-002	06/28/23 11:38	Soil

Case Narrative

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

Lab Job Number: 487628
Project No: MIDWAY RISING
Location: Sports Arena
Date Received: 06/28/23

This data package contains sample and QC results for two soil samples, requested for the above referenced project on 06/28/23. The samples were received cold and intact.

TPH-Extractables by GC (EPA 8015B):

No analytical problems were encountered.

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


No analytical problems were encountered.

Semivolatile Organics by GC/MS (EPA 8270C):

No analytical problems were encountered.

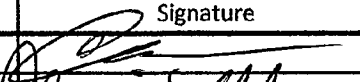
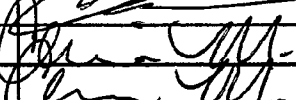




Metals (EPA 6010B and EPA 7471A):

- Low recoveries were observed for a number of analytes in the MS/MSD of T-23 5' (lab # 487628-001); the LCS was within limits, and the associated RPDs were within limits.
- No other analytical problems were encountered.

 ENTHALPY ANALYTICAL	Chain of Custody Record			Turn Around Time (rush by advanced notice only)			
	Lab No: 487620	Standard:	5 Day:	3 Day:	X		
Page: 1 of 1	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 Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other			Preservatives: 1 = Na ₂ S ₂ O ₃ 2 = HCl 3 = HNO ₃ 4 = H ₂ SO ₄ 5 = NaOH 6 = Other		Sample Receipt Temp: (lab use only)	

CUSTOMER INFORMATION		PROJECT INFORMATION		Analysis Request				Test Instructions / Comments	
Company:	SCS Engineers	Name:	Sports Arena						Report to: Chuck Houser chouser@scsengineers.com Garrett Lepine glepine@scsengineers.com
Report To:	Chuck Houser	Number:							
Email:	chouser@scsengineers.com	P.O. #:	01213320.07						
Address:		Address:							
Phone:	(858) 805-5523	Global ID:							
Fax:		Sampled By:	C. Houser						

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	LEAD	TPH ext.	VOCs	SVOCs
1	6/28/23	1136	Soil	Bozki	Clull	X	X	X	X
2	6/28/23	1138	Soil	Bozki	Clull	X	X	X	X
3									
4									
5									
6									
7									
8									
9									
10									

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		Chuck Houser	SCS	6/28/23 1245
¹ Received By:		CHRIS MORFINA	EA-SD	6/28/23 1530
² Relinquished By:		Derek Padilla	EA	6/28/23 1530
² Received By:		Derek Padilla	EA	6/28/23 1830
³ Relinquished By:		Amalea Smallcom	EA	6/28/23 1830
³ Received By:		Amalea Smallcom	EA	6/28/23 1830



ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: SCS Engineers

Project: Sports Arena

Date Received: 6/28/23

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: 5.3 #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: 1.2 #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

487628

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: 6/28/23

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

Sample Acceptance Checklist – Rev 4, 8/8/2017

Analysis Results for 487628

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

Lab Job #: 487628
Project No: MIDWAY RISING
Location: Sports Arena
Date Received: 06/28/23

Sample ID: T-23 5'

Lab ID: 487628-001

Collected: 06/28/23 11:36

Matrix: Soil

487628-001 Analyte

	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B									
Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.97	317231	06/29/23	06/30/23	SBW
Arsenic	2.9		mg/Kg	0.97	0.97	317231	06/29/23	06/30/23	SBW
Barium	170		mg/Kg	0.97	0.97	317231	06/29/23	06/30/23	SBW
Beryllium	ND		mg/Kg	0.49	0.97	317231	06/29/23	06/30/23	SBW
Cadmium	ND		mg/Kg	0.49	0.97	317231	06/29/23	06/30/23	SBW
Chromium	21		mg/Kg	0.97	0.97	317231	06/29/23	06/30/23	SBW
Cobalt	4.8		mg/Kg	0.49	0.97	317231	06/29/23	06/30/23	SBW
Copper	73		mg/Kg	0.97	0.97	317231	06/29/23	06/30/23	SBW
Lead	2,800		mg/Kg	9.7	9.7	317231	06/29/23	07/05/23	SBW
Molybdenum	ND		mg/Kg	0.97	0.97	317231	06/29/23	06/30/23	SBW
Nickel	6.1		mg/Kg	0.97	0.97	317231	06/29/23	06/30/23	SBW
Selenium	ND		mg/Kg	2.9	0.97	317231	06/29/23	06/30/23	SBW
Silver	ND		mg/Kg	0.49	0.97	317231	06/29/23	06/30/23	SBW
Thallium	ND		mg/Kg	2.9	0.97	317231	06/29/23	06/30/23	SBW
Vanadium	53		mg/Kg	0.97	0.97	317231	06/29/23	06/30/23	SBW
Zinc	120		mg/Kg	4.9	0.97	317231	06/29/23	06/30/23	SBW

Method: EPA 7471A
Prep Method: METHOD

Mercury	0.16		mg/Kg	0.16	1.1	317282	06/29/23	06/30/23	KAM
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Method: EPA 8015B
Prep Method: EPA 3580M

TPH (C6-C12)	ND		mg/Kg	9.9	0.99	317262	06/29/23	06/29/23	SME
TPH (C13-C22)	ND		mg/Kg	9.9	0.99	317262	06/29/23	06/29/23	SME
TPH (C23-C44)	ND		mg/Kg	50	0.99	317262	06/29/23	06/29/23	SME

Surrogates

Limits

n-Triacontane	101%		%REC	70-130	0.99	317262	06/29/23	06/29/23	SME
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Method: EPA 8260B
Prep Method: EPA 5030B

3-Chloropropene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Isopropyl Ether (DIPE)	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
tert-Butyl Alcohol (TBA)	ND		ug/Kg	10	1	317311	06/30/23	06/30/23	HMN

Analysis Results for 487628

487628-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Freon 12	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Chloromethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Vinyl Chloride	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Bromomethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Chloroethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Trichlorofluoromethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Acetone	ND		ug/Kg	100	1	317311	06/30/23	06/30/23	HMN
Freon 113	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,1-Dichloroethene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Methylene Chloride	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
MTBE	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,1-Dichloroethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
2-Butanone	ND		ug/Kg	100	1	317311	06/30/23	06/30/23	HMN
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
2,2-Dichloropropane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Chloroform	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Bromochloromethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,1-Dichloropropene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Carbon Tetrachloride	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,2-Dichloroethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Benzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Trichloroethene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,2-Dichloropropane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Bromodichloromethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Dibromomethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
4-Methyl-2-Pentanone	ND		ug/Kg	8.1	1	317311	06/30/23	06/30/23	HMN
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Toluene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,3-Dichloropropane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Tetrachloroethene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Dibromochloromethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,2-Dibromoethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Chlorobenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Ethylbenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
m,p-Xylenes	ND		ug/Kg	10	1	317311	06/30/23	06/30/23	HMN
o-Xylene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Styrene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Bromoform	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Isopropylbenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN

Analysis Results for 487628

487628-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Propylbenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Bromobenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
2-Chlorotoluene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
4-Chlorotoluene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
tert-Butylbenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
sec-Butylbenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
n-Butylbenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Hexachlorobutadiene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Naphthalene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN
Xylene (total)	ND		ug/Kg	5.0	1	317311	06/30/23	06/30/23	HMN

Surrogates				Limits					
Dibromofluoromethane	105%		%REC	70-145	1	317311	06/30/23	06/30/23	HMN
1,2-Dichloroethane-d4	102%		%REC	70-145	1	317311	06/30/23	06/30/23	HMN
Toluene-d8	92%		%REC	70-145	1	317311	06/30/23	06/30/23	HMN
Bromofluorobenzene	108%		%REC	70-145	1	317311	06/30/23	06/30/23	HMN

Method: EPA 8270C

Prep Method: EPA 3546

Carbazole	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
1-Methylnaphthalene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Pyridine	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
N-Nitrosodimethylamine	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Phenol	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Aniline	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	1	317254	06/29/23	06/30/23	TJW
2-Chlorophenol	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
1,3-Dichlorobenzene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
1,4-Dichlorobenzene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Benzyl alcohol	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
1,2-Dichlorobenzene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
2-Methylphenol	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
3-,4-Methylphenol	ND		ug/Kg	400	1	317254	06/29/23	06/30/23	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Hexachloroethane	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Nitrobenzene	ND		ug/Kg	1,200	1	317254	06/29/23	06/30/23	TJW
Isophorone	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
2-Nitrophenol	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW

Analysis Results for 487628

487628-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
2,4-Dimethylphenol	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Benzoic acid	ND		ug/Kg	1,200	1	317254	06/29/23	06/30/23	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
2,4-Dichlorophenol	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Naphthalene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
4-Chloroaniline	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Hexachlorobutadiene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
2-Methylnaphthalene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	1	317254	06/29/23	06/30/23	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
2-Chloronaphthalene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
2-Nitroaniline	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Dimethylphthalate	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Acenaphthylene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
2,6-Dinitrotoluene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
3-Nitroaniline	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Acenaphthene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
2,4-Dinitrophenol	ND		ug/Kg	1,200	1	317254	06/29/23	06/30/23	TJW
4-Nitrophenol	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Dibenzofuran	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
2,4-Dinitrotoluene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Diethylphthalate	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Fluorene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
4-Nitroaniline	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Hexachlorobenzene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Pentachlorophenol	ND		ug/Kg	1,200	1	317254	06/29/23	06/30/23	TJW
Phenanthrene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Anthracene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Di-n-butylphthalate	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Fluoranthene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Benzidine	ND		ug/Kg	1,200	1	317254	06/29/23	06/30/23	TJW
Pyrene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Butylbenzylphthalate	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	1	317254	06/29/23	06/30/23	TJW
Benzo(a)anthracene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Chrysene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Di-n-octylphthalate	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW

Analysis Results for 487628

487628-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Benzo(b)fluoranthene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Benzo(k)fluoranthene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Benzo(a)pyrene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	250	1	317254	06/29/23	06/30/23	TJW
Surrogates	Limits								
2-Fluorophenol	93%		%REC	29-120	1	317254	06/29/23	06/30/23	TJW
Phenol-d6	97%		%REC	30-120	1	317254	06/29/23	06/30/23	TJW
2,4,6-Tribromophenol	89%		%REC	32-120	1	317254	06/29/23	06/30/23	TJW
Nitrobenzene-d5	93%		%REC	33-120	1	317254	06/29/23	06/30/23	TJW
2-Fluorobiphenyl	87%		%REC	39-120	1	317254	06/29/23	06/30/23	TJW
Terphenyl-d14	89%		%REC	44-125	1	317254	06/29/23	06/30/23	TJW

Sample ID: T-23 6.5'
Lab ID: 487628-002
Collected: 06/28/23 11:38
Matrix: Soil

487628-002 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	317231	06/29/23	06/30/23	SBW
Arsenic	1.9		mg/Kg	0.97	0.97	317231	06/29/23	06/30/23	SBW
Barium	190		mg/Kg	0.97	0.97	317231	06/29/23	06/30/23	SBW
Beryllium	ND		mg/Kg	0.49	0.97	317231	06/29/23	06/30/23	SBW
Cadmium	ND		mg/Kg	0.49	0.97	317231	06/29/23	06/30/23	SBW
Chromium	18		mg/Kg	0.97	0.97	317231	06/29/23	06/30/23	SBW
Cobalt	4.3		mg/Kg	0.49	0.97	317231	06/29/23	06/30/23	SBW
Copper	28		mg/Kg	0.97	0.97	317231	06/29/23	06/30/23	SBW
Lead	190		mg/Kg	0.97	0.97	317231	06/29/23	06/30/23	SBW
Molybdenum	ND		mg/Kg	0.97	0.97	317231	06/29/23	06/30/23	SBW
Nickel	4.8		mg/Kg	0.97	0.97	317231	06/29/23	06/30/23	SBW
Selenium	ND		mg/Kg	2.9	0.97	317231	06/29/23	06/30/23	SBW
Silver	ND		mg/Kg	0.49	0.97	317231	06/29/23	06/30/23	SBW
Thallium	ND		mg/Kg	2.9	0.97	317231	06/29/23	06/30/23	SBW
Vanadium	50		mg/Kg	0.97	0.97	317231	06/29/23	06/30/23	SBW
Zinc	120		mg/Kg	4.9	0.97	317231	06/29/23	06/30/23	SBW
Method: EPA 7471A									
Prep Method: METHOD									
Mercury	0.18		mg/Kg	0.15	1.1	317282	06/29/23	06/30/23	KAM
Method: EPA 8015B									
Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	9.9	0.99	317262	06/29/23	06/29/23	SME
TPH (C13-C22)	ND		mg/Kg	9.9	0.99	317262	06/29/23	06/29/23	SME
TPH (C23-C44)	ND		mg/Kg	50	0.99	317262	06/29/23	06/29/23	SME
Surrogates	Limits								
n-Triacontane	98%		%REC	70-130	0.99	317262	06/29/23	06/29/23	SME

Analysis Results for 487628

ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1076832	Batch: 317231
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1076832 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	06/29/23	06/29/23
Arsenic	ND		mg/Kg	1.0	06/29/23	06/29/23
Barium	ND		mg/Kg	1.0	06/29/23	06/29/23
Beryllium	ND		mg/Kg	0.50	06/29/23	06/29/23
Cadmium	ND		mg/Kg	0.50	06/29/23	06/29/23
Chromium	ND		mg/Kg	1.0	06/29/23	06/29/23
Cobalt	ND		mg/Kg	0.50	06/29/23	06/29/23
Copper	ND		mg/Kg	1.0	06/29/23	06/29/23
Lead	ND		mg/Kg	1.0	06/29/23	06/29/23
Molybdenum	ND		mg/Kg	1.0	06/29/23	06/29/23
Nickel	ND		mg/Kg	1.0	06/29/23	06/29/23
Selenium	ND		mg/Kg	3.0	06/29/23	06/29/23
Silver	ND		mg/Kg	0.50	06/29/23	06/29/23
Thallium	ND		mg/Kg	3.0	06/29/23	06/29/23
Vanadium	ND		mg/Kg	1.0	06/29/23	06/29/23
Zinc	ND		mg/Kg	5.0	06/29/23	06/29/23

Type: Lab Control Sample	Lab ID: QC1076833	Batch: 317231
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1076833 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	89.09	100.0	mg/Kg	89%		80-120
Arsenic	90.83	100.0	mg/Kg	91%		80-120
Barium	96.85	100.0	mg/Kg	97%		80-120
Beryllium	88.45	100.0	mg/Kg	88%		80-120
Cadmium	96.18	100.0	mg/Kg	96%		80-120
Chromium	92.29	100.0	mg/Kg	92%		80-120
Cobalt	92.58	100.0	mg/Kg	93%		80-120
Copper	92.18	100.0	mg/Kg	92%		80-120
Lead	99.19	100.0	mg/Kg	99%		80-120
Molybdenum	91.51	100.0	mg/Kg	92%		80-120
Nickel	97.75	100.0	mg/Kg	98%		80-120
Selenium	79.95	100.0	mg/Kg	80%		80-120
Silver	41.58	50.00	mg/Kg	83%		80-120
Thallium	95.35	100.0	mg/Kg	95%		80-120
Vanadium	93.23	100.0	mg/Kg	93%		80-120
Zinc	97.68	100.0	mg/Kg	98%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1076834	Batch: 317231
Matrix (Source ID): Soil (487628-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1076834 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	34.70	ND	97.09	mg/Kg	36%	*	75-125	0.97
Arsenic	80.04	2.882	97.09	mg/Kg	79%		75-125	0.97
Barium	250.7	173.6	97.09	mg/Kg	79%		75-125	0.97
Beryllium	81.97	0.1690	97.09	mg/Kg	84%		75-125	0.97
Cadmium	79.48	0.2597	97.09	mg/Kg	82%		75-125	0.97
Chromium	99.46	20.56	97.09	mg/Kg	81%		75-125	0.97
Cobalt	89.47	4.827	97.09	mg/Kg	87%		75-125	0.97
Copper	106.3	72.59	97.09	mg/Kg	35%	*	75-125	0.97
Lead	191.0	2777	97.09	mg/Kg	-2663%	NM	75-125	0.97
Molybdenum	77.75	0.2907	97.09	mg/Kg	80%		75-125	0.97
Nickel	86.88	6.082	97.09	mg/Kg	83%		75-125	0.97
Selenium	74.29	0.5230	97.09	mg/Kg	76%		75-125	0.97
Silver	40.49	ND	48.54	mg/Kg	83%		75-125	0.97
Thallium	80.13	ND	97.09	mg/Kg	83%		75-125	0.97
Vanadium	134.2	52.95	97.09	mg/Kg	84%		75-125	0.97
Zinc	172.6	122.4	97.09	mg/Kg	52%	*	75-125	0.97

Type: Matrix Spike Duplicate	Lab ID: QC1076835	Batch: 317231
Matrix (Source ID): Soil (487628-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1076835 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Antimony	34.97	ND	98.04	mg/Kg	36%	*	75-125	0	41	0.98
Arsenic	81.75	2.882	98.04	mg/Kg	80%		75-125	1	35	0.98
Barium	243.2	173.6	98.04	mg/Kg	71%	*	75-125	3	20	0.98
Beryllium	83.74	0.1690	98.04	mg/Kg	85%		75-125	1	20	0.98
Cadmium	81.22	0.2597	98.04	mg/Kg	83%		75-125	1	20	0.98
Chromium	100.9	20.56	98.04	mg/Kg	82%		75-125	1	20	0.98
Cobalt	91.49	4.827	98.04	mg/Kg	88%		75-125	1	20	0.98
Copper	108.3	72.59	98.04	mg/Kg	36%	*	75-125	1	20	0.98
Lead	205.2	2777	98.04	mg/Kg	-2623%	NM	75-125	7	20	0.98
Molybdenum	79.69	0.2907	98.04	mg/Kg	81%		75-125	1	20	0.98
Nickel	88.63	6.082	98.04	mg/Kg	84%		75-125	1	20	0.98
Selenium	76.21	0.5230	98.04	mg/Kg	77%		75-125	2	20	0.98
Silver	41.31	ND	49.02	mg/Kg	84%		75-125	1	20	0.98
Thallium	82.14	ND	98.04	mg/Kg	84%		75-125	1	20	0.98
Vanadium	135.2	52.95	98.04	mg/Kg	84%		75-125	0	20	0.98
Zinc	165.2	122.4	98.04	mg/Kg	44%	*	75-125	5	20	0.98

Batch QC

Type: Post Digest Spike	Lab ID: QC1076836	Batch: 317231
Matrix (Source ID): Soil (487628-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1076836 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	97.71	ND	97.09	mg/Kg	101%		75-125	0.97
Arsenic	100.8	2.882	97.09	mg/Kg	101%		75-125	0.97
Barium	277.9	173.6	97.09	mg/Kg	107%		75-125	0.97
Beryllium	100.4	0.1690	97.09	mg/Kg	103%		75-125	0.97
Cadmium	98.24	0.2597	97.09	mg/Kg	101%		75-125	0.97
Chromium	120.1	20.56	97.09	mg/Kg	103%		75-125	0.97
Cobalt	110.6	4.827	97.09	mg/Kg	109%		75-125	0.97
Copper	181.7	72.59	97.09	mg/Kg	112%		75-125	0.97
Lead	2,923	2777	97.09	mg/Kg	150%	NM	75-125	9.7
Molybdenum	101.5	0.2907	97.09	mg/Kg	104%		75-125	0.97
Nickel	107.0	6.082	97.09	mg/Kg	104%		75-125	0.97
Selenium	93.35	0.5230	97.09	mg/Kg	96%		75-125	0.97
Silver	50.12	ND	48.54	mg/Kg	103%		75-125	0.97
Thallium	99.94	ND	97.09	mg/Kg	103%		75-125	0.97
Vanadium	155.8	52.95	97.09	mg/Kg	106%		75-125	0.97
Zinc	219.9	122.4	97.09	mg/Kg	100%		75-125	0.97

Type: Blank	Lab ID: QC1076996	Batch: 317282
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1076996 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	06/29/23	06/30/23

Type: Lab Control Sample	Lab ID: QC1076997	Batch: 317282
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1076997 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.7829	0.8333	mg/Kg	94%		80-120

Type: Matrix Spike	Lab ID: QC1076998	Batch: 317282
Matrix (Source ID): Soil (487628-001)	Method: EPA 7471A	Prep Method: METHOD

QC1076998 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	1.000	0.1592	0.8621	mg/Kg	98%		75-125	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1076999	Batch: 317282
Matrix (Source ID): Soil (487628-001)	Method: EPA 7471A	Prep Method: METHOD

QC1076999 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	1.046	0.1592	0.9091	mg/Kg	98%		75-125	0	20	1.1

Type: Blank	Lab ID: QC1076927	Batch: 317262
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 3580M

QC1076927 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH (C6-C12)	ND		mg/Kg	10	06/29/23	06/29/23
TPH (C13-C22)	ND		mg/Kg	10	06/29/23	06/29/23
TPH (C23-C44)	ND		mg/Kg	50	06/29/23	06/29/23
Surrogates				Limits		
n-Triacontane	96%		%REC	70-130	06/29/23	06/29/23

Type: Lab Control Sample	Lab ID: QC1076928	Batch: 317262
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 3580M

QC1076928 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	244.7	249.4	mg/Kg	98%		76-122
Surrogates						
n-Triacontane	9.809	9.975	mg/Kg	98%		70-130

Type: Matrix Spike	Lab ID: QC1076929	Batch: 317262
Matrix (Source ID): Soil (487648-001)	Method: EPA 8015B	Prep Method: EPA 3580M

QC1076929 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	245.8	ND	249.5	mg/Kg	99%		62-126	1
Surrogates								
n-Triacontane	9.948		9.980	mg/Kg	100%		70-130	1

Type: Matrix Spike Duplicate	Lab ID: QC1076930	Batch: 317262
Matrix (Source ID): Soil (487648-001)	Method: EPA 8015B	Prep Method: EPA 3580M

QC1076930 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	239.0	ND	249.0	mg/Kg	96%		62-126	3	35	1
Surrogates										
n-Triacontane	9.700		9.960	mg/Kg	97%		70-130			1

Batch QC

Type: Lab Control Sample	Lab ID: QC1077106	Batch: 317311
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1077106 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	51.54	50.00	ug/Kg	103%		70-131
MTBE	50.65	50.00	ug/Kg	101%		69-130
Benzene	50.79	50.00	ug/Kg	102%		70-130
Trichloroethene	50.91	50.00	ug/Kg	102%		70-130
Toluene	51.39	50.00	ug/Kg	103%		70-130
Chlorobenzene	50.04	50.00	ug/Kg	100%		70-130
Surrogates						
Dibromofluoromethane	52.40	50.00	ug/Kg	105%		70-130
1,2-Dichloroethane-d4	50.81	50.00	ug/Kg	102%		70-145
Toluene-d8	49.50	50.00	ug/Kg	99%		70-145
Bromofluorobenzene	50.37	50.00	ug/Kg	101%		70-145

Type: Lab Control Sample Duplicate	Lab ID: QC1077107	Batch: 317311
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1077107 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim
1,1-Dichloroethene	48.06	50.00	ug/Kg	96%		70-131	7	33
MTBE	48.67	50.00	ug/Kg	97%		69-130	4	30
Benzene	47.36	50.00	ug/Kg	95%		70-130	7	30
Trichloroethene	47.09	50.00	ug/Kg	94%		70-130	8	30
Toluene	48.68	50.00	ug/Kg	97%		70-130	5	30
Chlorobenzene	46.95	50.00	ug/Kg	94%		70-130	6	30
Surrogates								
Dibromofluoromethane	52.17	50.00	ug/Kg	104%		70-130		
1,2-Dichloroethane-d4	51.45	50.00	ug/Kg	103%		70-145		
Toluene-d8	50.57	50.00	ug/Kg	101%		70-145		
Bromofluorobenzene	51.26	50.00	ug/Kg	103%		70-145		

Batch QC

Type: Blank	Lab ID: QC1077110	Batch: 317311
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1077110 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	06/30/23	06/30/23
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	06/30/23	06/30/23
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	06/30/23	06/30/23
Isopropyl Ether (DIPE)	ND		ug/Kg	5.0	06/30/23	06/30/23
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.0	06/30/23	06/30/23
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	5.0	06/30/23	06/30/23
tert-Butyl Alcohol (TBA)	ND		ug/Kg	10	06/30/23	06/30/23
Freon 12	ND		ug/Kg	5.0	06/30/23	06/30/23
Chloromethane	ND		ug/Kg	5.0	06/30/23	06/30/23
Vinyl Chloride	ND		ug/Kg	5.0	06/30/23	06/30/23
Bromomethane	ND		ug/Kg	5.0	06/30/23	06/30/23
Chloroethane	ND		ug/Kg	5.0	06/30/23	06/30/23
Trichlorofluoromethane	ND		ug/Kg	5.0	06/30/23	06/30/23
Acetone	ND		ug/Kg	100	06/30/23	06/30/23
Freon 113	ND		ug/Kg	5.0	06/30/23	06/30/23
1,1-Dichloroethene	ND		ug/Kg	5.0	06/30/23	06/30/23
Methylene Chloride	ND		ug/Kg	5.0	06/30/23	06/30/23
MTBE	ND		ug/Kg	5.0	06/30/23	06/30/23
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	06/30/23	06/30/23
1,1-Dichloroethane	ND		ug/Kg	5.0	06/30/23	06/30/23
2-Butanone	ND		ug/Kg	100	06/30/23	06/30/23
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	06/30/23	06/30/23
2,2-Dichloropropane	ND		ug/Kg	5.0	06/30/23	06/30/23
Chloroform	ND		ug/Kg	5.0	06/30/23	06/30/23
Bromochloromethane	ND		ug/Kg	5.0	06/30/23	06/30/23
1,1,1-Trichloroethane	ND		ug/Kg	5.0	06/30/23	06/30/23
1,1-Dichloropropene	ND		ug/Kg	5.0	06/30/23	06/30/23
Carbon Tetrachloride	ND		ug/Kg	5.0	06/30/23	06/30/23
1,2-Dichloroethane	ND		ug/Kg	5.0	06/30/23	06/30/23
Benzene	ND		ug/Kg	5.0	06/30/23	06/30/23
Trichloroethene	ND		ug/Kg	5.0	06/30/23	06/30/23
1,2-Dichloropropane	ND		ug/Kg	5.0	06/30/23	06/30/23
Bromodichloromethane	ND		ug/Kg	5.0	06/30/23	06/30/23
Dibromomethane	ND		ug/Kg	5.0	06/30/23	06/30/23
4-Methyl-2-Pentanone	ND		ug/Kg	8.1	06/30/23	06/30/23
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	06/30/23	06/30/23
Toluene	ND		ug/Kg	5.0	06/30/23	06/30/23
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	06/30/23	06/30/23
1,1,2-Trichloroethane	ND		ug/Kg	5.0	06/30/23	06/30/23
1,3-Dichloropropane	ND		ug/Kg	5.0	06/30/23	06/30/23
Tetrachloroethene	ND		ug/Kg	5.0	06/30/23	06/30/23
Dibromochloromethane	ND		ug/Kg	5.0	06/30/23	06/30/23

Batch QC

QC1077110 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,2-Dibromoethane	ND		ug/Kg	5.0	06/30/23	06/30/23
Chlorobenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	06/30/23	06/30/23
Ethylbenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
m,p-Xylenes	ND		ug/Kg	10	06/30/23	06/30/23
o-Xylene	ND		ug/Kg	5.0	06/30/23	06/30/23
Styrene	ND		ug/Kg	5.0	06/30/23	06/30/23
Bromoform	ND		ug/Kg	5.0	06/30/23	06/30/23
Isopropylbenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	06/30/23	06/30/23
1,2,3-Trichloropropane	ND		ug/Kg	5.0	06/30/23	06/30/23
Propylbenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
Bromobenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
2-Chlorotoluene	ND		ug/Kg	5.0	06/30/23	06/30/23
4-Chlorotoluene	ND		ug/Kg	5.0	06/30/23	06/30/23
tert-Butylbenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
sec-Butylbenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
para-Isopropyl Toluene	ND		ug/Kg	5.0	06/30/23	06/30/23
1,3-Dichlorobenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
1,4-Dichlorobenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
n-Butylbenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
1,2-Dichlorobenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	06/30/23	06/30/23
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
Hexachlorobutadiene	ND		ug/Kg	5.0	06/30/23	06/30/23
Naphthalene	ND		ug/Kg	5.0	06/30/23	06/30/23
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	06/30/23	06/30/23
Xylene (total)	ND		ug/Kg	5.0	06/30/23	06/30/23
Surrogates				Limits		
Dibromofluoromethane	101%		%REC	70-130	06/30/23	06/30/23
1,2-Dichloroethane-d4	102%		%REC	70-145	06/30/23	06/30/23
Toluene-d8	105%		%REC	70-145	06/30/23	06/30/23
Bromofluorobenzene	103%		%REC	70-145	06/30/23	06/30/23

Batch QC

Type: Blank	Lab ID: QC1077035	Batch: 317254
Matrix: Soil	Method: EPA 8270C	Prep Method: EPA 3546

QC1077035 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Carbazole	ND		ug/Kg	250	06/29/23	06/29/23
1-Methylnaphthalene	ND		ug/Kg	250	06/29/23	06/29/23
Pyridine	ND		ug/Kg	250	06/29/23	06/29/23
N-Nitrosodimethylamine	ND		ug/Kg	250	06/29/23	06/29/23
Phenol	ND		ug/Kg	250	06/29/23	06/29/23
Aniline	ND		ug/Kg	250	06/29/23	06/29/23
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	06/29/23	06/29/23
2-Chlorophenol	ND		ug/Kg	250	06/29/23	06/29/23
1,3-Dichlorobenzene	ND		ug/Kg	250	06/29/23	06/29/23
1,4-Dichlorobenzene	ND		ug/Kg	250	06/29/23	06/29/23
Benzyl alcohol	ND		ug/Kg	250	06/29/23	06/29/23
1,2-Dichlorobenzene	ND		ug/Kg	250	06/29/23	06/29/23
2-Methylphenol	ND		ug/Kg	250	06/29/23	06/29/23
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	06/29/23	06/29/23
3-,4-Methylphenol	ND		ug/Kg	400	06/29/23	06/29/23
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	06/29/23	06/29/23
Hexachloroethane	ND		ug/Kg	250	06/29/23	06/29/23
Nitrobenzene	ND		ug/Kg	1,200	06/29/23	06/29/23
Isophorone	ND		ug/Kg	250	06/29/23	06/29/23
2-Nitrophenol	ND		ug/Kg	250	06/29/23	06/29/23
2,4-Dimethylphenol	ND		ug/Kg	250	06/29/23	06/29/23
Benzoic acid	ND		ug/Kg	1,200	06/29/23	06/29/23
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	06/29/23	06/29/23
2,4-Dichlorophenol	ND		ug/Kg	250	06/29/23	06/29/23
1,2,4-Trichlorobenzene	ND		ug/Kg	250	06/29/23	06/29/23
Naphthalene	ND		ug/Kg	250	06/29/23	06/29/23
4-Chloroaniline	ND		ug/Kg	250	06/29/23	06/29/23
Hexachlorobutadiene	ND		ug/Kg	250	06/29/23	06/29/23
4-Chloro-3-methylphenol	ND		ug/Kg	250	06/29/23	06/29/23
2-Methylnaphthalene	ND		ug/Kg	250	06/29/23	06/29/23
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	06/29/23	06/29/23
2,4,6-Trichlorophenol	ND		ug/Kg	250	06/29/23	06/29/23
2,4,5-Trichlorophenol	ND		ug/Kg	250	06/29/23	06/29/23
2-Chloronaphthalene	ND		ug/Kg	250	06/29/23	06/29/23
2-Nitroaniline	ND		ug/Kg	250	06/29/23	06/29/23
Dimethylphthalate	ND		ug/Kg	250	06/29/23	06/29/23
Acenaphthylene	ND		ug/Kg	250	06/29/23	06/29/23
2,6-Dinitrotoluene	ND		ug/Kg	250	06/29/23	06/29/23
3-Nitroaniline	ND		ug/Kg	250	06/29/23	06/29/23
Acenaphthene	ND		ug/Kg	250	06/29/23	06/29/23
2,4-Dinitrophenol	ND		ug/Kg	1,200	06/29/23	06/29/23
4-Nitrophenol	ND		ug/Kg	250	06/29/23	06/29/23

Batch QC

QC1077035 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Dibenzofuran	ND		ug/Kg	250	06/29/23	06/29/23
2,4-Dinitrotoluene	ND		ug/Kg	250	06/29/23	06/29/23
Diethylphthalate	ND		ug/Kg	250	06/29/23	06/29/23
Fluorene	ND		ug/Kg	250	06/29/23	06/29/23
4-Chlorophenyl-phenylether	ND		ug/Kg	250	06/29/23	06/29/23
4-Nitroaniline	ND		ug/Kg	250	06/29/23	06/29/23
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	06/29/23	06/29/23
N-Nitrosodiphenylamine	ND		ug/Kg	250	06/29/23	06/29/23
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	06/29/23	06/29/23
4-Bromophenyl-phenylether	ND		ug/Kg	250	06/29/23	06/29/23
Hexachlorobenzene	ND		ug/Kg	250	06/29/23	06/29/23
Pentachlorophenol	ND		ug/Kg	1,200	06/29/23	06/29/23
Phenanthrene	ND		ug/Kg	250	06/29/23	06/29/23
Anthracene	ND		ug/Kg	250	06/29/23	06/29/23
Di-n-butylphthalate	ND		ug/Kg	250	06/29/23	06/29/23
Fluoranthene	ND		ug/Kg	250	06/29/23	06/29/23
Benzidine	ND		ug/Kg	1,200	06/29/23	06/29/23
Pyrene	ND		ug/Kg	250	06/29/23	06/29/23
Butylbenzylphthalate	ND		ug/Kg	250	06/29/23	06/29/23
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	06/29/23	06/29/23
Benzo(a)anthracene	ND		ug/Kg	250	06/29/23	06/29/23
Chrysene	ND		ug/Kg	250	06/29/23	06/29/23
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	06/29/23	06/29/23
Di-n-octylphthalate	ND		ug/Kg	250	06/29/23	06/29/23
Benzo(b)fluoranthene	ND		ug/Kg	250	06/29/23	06/29/23
Benzo(k)fluoranthene	ND		ug/Kg	250	06/29/23	06/29/23
Benzo(a)pyrene	ND		ug/Kg	250	06/29/23	06/29/23
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	06/29/23	06/29/23
Dibenz(a,h)anthracene	ND		ug/Kg	250	06/29/23	06/29/23
Benzo(g,h,i)perylene	ND		ug/Kg	250	06/29/23	06/29/23
Surrogates				Limits		
2-Fluorophenol	92%		%REC	29-120	06/29/23	06/29/23
Phenol-d6	94%		%REC	30-120	06/29/23	06/29/23
2,4,6-Tribromophenol	76%		%REC	32-120	06/29/23	06/29/23
Nitrobenzene-d5	88%		%REC	33-120	06/29/23	06/29/23
2-Fluorobiphenyl	87%		%REC	39-120	06/29/23	06/29/23
Terphenyl-d14	92%		%REC	44-125	06/29/23	06/29/23

Batch QC

Type: Lab Control Sample	Lab ID: QC1077036	Batch: 317254
Matrix: Soil	Method: EPA 8270C	Prep Method: EPA 3546

QC1077036 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Phenol	4,467	3750	ug/Kg	119%		42-120
2-Chlorophenol	4,005	3750	ug/Kg	107%		41-120
1,4-Dichlorobenzene	4,009	3750	ug/Kg	107%		36-120
3-,4-Methylphenol	4,265	3750	ug/Kg	114%		42-120
N-Nitroso-di-n-propylamine	4,024	3750	ug/Kg	107%		43-121
2,4-Dimethylphenol	3,873	3750	ug/Kg	103%		25-120
1,2,4-Trichlorobenzene	3,830	3750	ug/Kg	102%		38-120
4-Chloro-3-methylphenol	4,153	3750	ug/Kg	111%		40-125
2,4,5-Trichlorophenol	4,073	3750	ug/Kg	109%		40-124
Acenaphthene	4,016	3750	ug/Kg	107%		35-126
4-Nitrophenol	3,468	3750	ug/Kg	92%		24-128
2,4-Dinitrotoluene	4,320	3750	ug/Kg	115%		40-131
Pentachlorophenol	2,940	3750	ug/Kg	78%		35-120
Pyrene	4,151	3750	ug/Kg	111%		37-135
Chrysene	3,821	3750	ug/Kg	102%		38-132
Benzo(b)fluoranthene	4,277	3750	ug/Kg	114%		38-135
Surrogates						
2-Fluorophenol	2,047	2000	ug/Kg	102%		29-120
Phenol-d6	2,159	2000	ug/Kg	108%		30-120
2,4,6-Tribromophenol	1,992	2000	ug/Kg	100%		32-120
Nitrobenzene-d5	2,001	2000	ug/Kg	100%		33-120
2-Fluorobiphenyl	1,922	2000	ug/Kg	96%		39-120
Terphenyl-d14	2,024	2000	ug/Kg	101%		44-125

Batch QC

Type: Matrix Spike	Lab ID: QC1077037	Batch: 317254
Matrix (Source ID): Soil (487562-001)	Method: EPA 8270C	Prep Method: EPA 3546

QC1077037 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Phenol	3,701	ND	3750	ug/Kg	99%		37-120	5
2-Chlorophenol	3,625	ND	3750	ug/Kg	97%		33-120	5
1,4-Dichlorobenzene	3,930	ND	3750	ug/Kg	105%		32-120	5
3-,4-Methylphenol	3,224	ND	3750	ug/Kg	86%		37-120	5
N-Nitroso-di-n-propylamine	3,915	ND	3750	ug/Kg	104%		32-120	5
2,4-Dimethylphenol	1,738	ND	3750	ug/Kg	46%		32-120	5
1,2,4-Trichlorobenzene	3,859	ND	3750	ug/Kg	103%		33-120	5
4-Chloro-3-methylphenol	2,826	ND	3750	ug/Kg	75%		41-121	5
2,4,5-Trichlorophenol	3,007	ND	3750	ug/Kg	80%		40-120	5
Acenaphthene	3,432	ND	3750	ug/Kg	92%		37-120	5
4-Nitrophenol	2,716	ND	3750	ug/Kg	72%		20-141	5
2,4-Dinitrotoluene	3,073	ND	3750	ug/Kg	82%		33-128	5
Pentachlorophenol	3,429	ND	3750	ug/Kg		DO	28-132	5
Pyrene	3,326	ND	3750	ug/Kg	89%		39-135	5
Chrysene	3,242	ND	3750	ug/Kg	86%		37-135	5
Benzo(b)fluoranthene	3,388	ND	3750	ug/Kg	90%		34-139	5
Surrogates								
2-Fluorophenol	1,669		2000	ug/Kg	83%		29-120	5
Phenol-d6	1,770		2000	ug/Kg	89%		30-120	5
2,4,6-Tribromophenol	1,303		2000	ug/Kg	65%		32-120	5
Nitrobenzene-d5	1,929		2000	ug/Kg	96%		33-120	5
2-Fluorobiphenyl	1,586		2000	ug/Kg	79%		39-120	5
Terphenyl-d14	1,571		2000	ug/Kg	79%		44-125	5

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1077038	Batch: 317254
Matrix (Source ID): Soil (487562-001)	Method: EPA 8270C	Prep Method: EPA 3546

QC1077038 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Phenol	3,833	ND	3713	ug/Kg	103%		37-120	4	49	5
2-Chlorophenol	3,711	ND	3713	ug/Kg	100%		33-120	3	52	5
1,4-Dichlorobenzene	3,940	ND	3713	ug/Kg	106%		32-120	1	50	5
3-,4-Methylphenol	3,380	ND	3713	ug/Kg	91%		37-120	6	54	5
N-Nitroso-di-n-propylamine	4,114	ND	3713	ug/Kg	111%		32-120	6	50	5
2,4-Dimethylphenol	1,910	ND	3713	ug/Kg	51%		32-120	10	50	5
1,2,4-Trichlorobenzene	3,945	ND	3713	ug/Kg	106%		33-120	3	50	5
4-Chloro-3-methylphenol	2,808	ND	3713	ug/Kg	76%		41-121	0	43	5
2,4,5-Trichlorophenol	3,035	ND	3713	ug/Kg	82%		40-120	2	47	5
Acenaphthene	3,322	ND	3713	ug/Kg	89%		37-120	2	48	5
4-Nitrophenol	2,760	ND	3713	ug/Kg	74%		20-141	3	30	5
2,4-Dinitrotoluene	3,087	ND	3713	ug/Kg	83%		33-128	1	50	5
Pentachlorophenol	3,425	ND	3713	ug/Kg		DO	28-132		30	5
Pyrene	3,252	ND	3713	ug/Kg	88%		39-135	1	41	5
Chrysene	3,121	ND	3713	ug/Kg	84%		37-135	3	46	5
Benzo(b)fluoranthene	3,421	ND	3713	ug/Kg	92%		34-139	2	47	5
Surrogates										
2-Fluorophenol	1,689		1980	ug/Kg	85%		29-120			5
Phenol-d6	1,814		1980	ug/Kg	92%		30-120			5
2,4,6-Tribromophenol	1,256		1980	ug/Kg	63%		32-120			5
Nitrobenzene-d5	2,002		1980	ug/Kg	101%		33-120			5
2-Fluorobiphenyl	1,557		1980	ug/Kg	79%		39-120			5
Terphenyl-d14	1,498		1980	ug/Kg	76%		44-125			5

* Value is outside QC limits
 DO Diluted Out
 ND Not Detected
 NM Not Meaningful



ENTHALPY
ANALYTICAL

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

enthalpy.com

Lab Job Number: 487691
Report Level: II
Report Date: 07/06/2023

Analytical Report *prepared for:*

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

Project: MIDWAY RISING - Sports Arena

Authorized for release by:

Ranjit K Clarke, Client Services Manager
(714) 771-9906
Ranjit.Clarke@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

Sample Summary

Chuck Houser SCS Engineers 8799 Balboa #290 San Diego, CA 92123	Lab Job #: 487691 Project No: MIDWAY RISING Location: Sports Arena Date Received: 06/29/23
--	---

Sample ID	Lab ID	Collected	Matrix
T-25 2'	487691-001	06/29/23 08:00	Soil
T-25 6.5'	487691-002	06/29/23 08:10	Soil
T-26 2'	487691-003	06/29/23 08:20	Soil
T-27 1.5'	487691-004	06/29/23 08:30	Soil
T-27 3'	487691-005	06/29/23 08:35	Soil
T-27 5.5'	487691-006	06/29/23 08:40	Soil
T-28 0'	487691-007	06/29/23 08:55	Soil
T-28 3'	487691-008	06/29/23 09:00	Soil
T-28 4.5'	487691-009	06/29/23 09:05	Soil
T- 28 2.5'	487691-010	06/29/23 09:15	Soil
T-29 4'	487691-011	06/29/23 09:20	Soil
T-30 2.5'	487691-012	06/29/23 09:25	Soil
T-30 3.5'	487691-013	06/29/23 09:30	Soil
T-31 2.5'	487691-014	06/29/23 09:35	Soil
T-31 4'	487691-015	06/29/23 09:40	Soil

Case Narrative

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

Lab Job Number: 487691
Project No: MIDWAY RISING
Location: Sports Arena
Date Received: 06/29/23

This data package contains sample and QC results for fifteen soil samples, requested for the above referenced project on 06/29/23. The samples were received cold and intact.

TPH-Extractables by GC (EPA 8015M):

- T-28 0' (lab # 487691-007) was diluted due to the dark color of the sample extract.
- No other analytical problems were encountered.

Metals (EPA 6020 and EPA 7471A):

- Low recoveries were observed for antimony in the MS/MSD of T-25 2' (lab # 487691-001); the LCS was within limits, and the associated RPD was within limits. High recovery was observed for barium in the MSD of T-25 2' (lab # 487691-001); 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: 487691
Page: 1 of 2

Turn Around Time (rush by advanced notice only)

Standard: 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 Water SD = Sediment
PP = Pure Product SEA = Sea Water
SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:
1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION	PROJECT INFORMATION	Analysis Request	Test Instructions / Comments
----------------------	---------------------	------------------	------------------------------

Company: SCS Engineers	Name: Sports Arena		
Report To: Chuch Hwer / Garrett Lepine	Number:		
Email: Chuch@SCSEngineers.com gic@scs.com	P.O. #: 01213320.07		
Address: 8799 Balboa Avenue, Suite 290	Address:		
San Diego, CA 92123			
Phone: (858)571-5500	Global ID:		
Fax: (858)571-5357	Sampled By: Garrett Lepine		

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.													
1	6/29/23	0800	S	4oz jar	ICE	X												
2		0810				X												
3		0820				X												
4		0830				X												
5		0835				X												
6		0840				X												
7		0855				X	X											
8		0900				X	X											
9		0905				X	X											
10		0915				X	X											

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		Garrett Lepine	SCS	6/29/23 1045
¹ Received By:		TAYLOR NASH	EA-SD	6/29/23 1045
² Relinquished By:		TAYLOR NASH	EA-SD	6/29/23 1350
² Received By:		MICHAEL TANWANKOO	EA-SD	6/29/23 1350
³ Relinquished By:		MICHAEL TANWANKOO	EA-SD	6/29/23 1750
³ Received By:		Derek Padilla	EA	6/29/23 1750

REA: Dimp - EA 6/29/23 1000 rec: Analgin Simons EA 6/29/23 1000



ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 487691

Page: 2 of 2

Turn Around Time (rush by advanced notice only)

Standard: 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 Water SD = Sediment
 PP = Pure Product SEA = Sea Water
 SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:
 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:
 (lab use only)

CUSTOMER INFORMATION	PROJECT INFORMATION	Analysis Request	Test Instructions / Comments
----------------------	---------------------	------------------	------------------------------

Company: SCS Engineers	Name:	8010B 2274L TPH EN. (80/SB) VOCs (8260B)		
Report To:	Number:			
Email: Same	P.O. #:			
Address: 8799 Balboa Avenue, Suite 290	Address:			
San Diego, CA 92123	Global ID:			
Phone: (858)571-5500	Sampled By:			
Fax: (858)571-5357				

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.												
1	6/29/23	0920	S	4oz jar	ICE	X	X										
2	↓	0925	↓	↓	↓	X											
3	↓	0930	↓	↓	↓	X											
4	↓	0935	↓	↓	↓	X											
5	↓	0940	↓	↓	↓	X											
6																	
7																	
8																	
9																	
10																	

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Garrett Lepore	SCS	6/29/23 1045
1 Received By:		TAYLOR NASH	EA-SD	6/29/23 1045
2 Relinquished By:		TAYLOR NASH	EA-SD	6/29/23 1350
2 Received By:		MICHAEL TANWANKOU	EA-SD	6/29/23 1350
3 Relinquished By:		MICHAEL TANWANKOU	EA-SD	6/29/23 1720
3 Received By:		Derek Padilla	EA	6/29/23 1720

Rel: Dimp. EA 6/29/23 1100 Rel: Amaljean Simons EA 6/29/23 1900



ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1
 Client: SCS Engineers Project: Sports Arena
 Date Received: 6/29/23 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: 10 #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: 08 #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: 6/29/23

Analysis Results for 487691

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

Lab Job #: 487691
 Project No: MIDWAY RISING
 Location: Sports Arena
 Date Received: 06/29/23

Sample ID: T-25 2' Lab ID: 487691-001 Collected: 06/29/23 08:00
Matrix: Soil

487691-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6020									
Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.98	317308	06/30/23	06/30/23	JCP
Arsenic	6.1		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Barium	42		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Beryllium	ND		mg/Kg	0.49	0.98	317308	06/30/23	06/30/23	JCP
Cadmium	ND		mg/Kg	0.49	0.98	317308	06/30/23	06/30/23	JCP
Chromium	17		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Cobalt	5.2		mg/Kg	0.49	0.98	317308	06/30/23	06/30/23	JCP
Copper	7.3		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Lead	13		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Molybdenum	ND		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Nickel	7.4		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Selenium	ND		mg/Kg	2.9	0.98	317308	06/30/23	06/30/23	JCP
Silver	ND		mg/Kg	0.49	0.98	317308	06/30/23	06/30/23	JCP
Thallium	ND		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Vanadium	39		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Zinc	46		mg/Kg	4.9	0.98	317308	06/30/23	06/30/23	JCP
Method: EPA 7471A									
Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.2	317454	07/05/23	07/05/23	KAM

Analysis Results for 487691

Sample ID: T-25 6.5'	Lab ID: 487691-002	Collected: 06/29/23 08:10
	Matrix: Soil	

487691-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6020									
Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.95	317308	06/30/23	06/30/23	JCP
Arsenic	ND		mg/Kg	0.95	0.95	317308	06/30/23	06/30/23	JCP
Barium	41		mg/Kg	0.95	0.95	317308	06/30/23	06/30/23	JCP
Beryllium	ND		mg/Kg	0.48	0.95	317308	06/30/23	06/30/23	JCP
Cadmium	ND		mg/Kg	0.48	0.95	317308	06/30/23	06/30/23	JCP
Chromium	10		mg/Kg	0.95	0.95	317308	06/30/23	06/30/23	JCP
Cobalt	2.9		mg/Kg	0.48	0.95	317308	06/30/23	06/30/23	JCP
Copper	3.9		mg/Kg	0.95	0.95	317308	06/30/23	06/30/23	JCP
Lead	1.0		mg/Kg	0.95	0.95	317308	06/30/23	06/30/23	JCP
Molybdenum	ND		mg/Kg	0.95	0.95	317308	06/30/23	06/30/23	JCP
Nickel	2.5		mg/Kg	0.95	0.95	317308	06/30/23	06/30/23	JCP
Selenium	ND		mg/Kg	2.9	0.95	317308	06/30/23	06/30/23	JCP
Silver	ND		mg/Kg	0.48	0.95	317308	06/30/23	06/30/23	JCP
Thallium	ND		mg/Kg	0.95	0.95	317308	06/30/23	06/30/23	JCP
Vanadium	31		mg/Kg	0.95	0.95	317308	06/30/23	06/30/23	JCP
Zinc	13		mg/Kg	4.8	0.95	317308	06/30/23	06/30/23	JCP
Method: EPA 7471A									
Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.2	317454	07/05/23	07/05/23	KAM

Analysis Results for 487691

Sample ID: T-26 2'	Lab ID: 487691-003	Collected: 06/29/23 08:20
Matrix: Soil		

487691-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6020									
Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.96	317308	06/30/23	06/30/23	JCP
Arsenic	5.9		mg/Kg	0.96	0.96	317308	06/30/23	06/30/23	JCP
Barium	36		mg/Kg	0.96	0.96	317308	06/30/23	06/30/23	JCP
Beryllium	ND		mg/Kg	0.48	0.96	317308	06/30/23	06/30/23	JCP
Cadmium	ND		mg/Kg	0.48	0.96	317308	06/30/23	06/30/23	JCP
Chromium	15		mg/Kg	0.96	0.96	317308	06/30/23	06/30/23	JCP
Cobalt	5.0		mg/Kg	0.48	0.96	317308	06/30/23	06/30/23	JCP
Copper	7.3		mg/Kg	0.96	0.96	317308	06/30/23	06/30/23	JCP
Lead	8.2		mg/Kg	0.96	0.96	317308	06/30/23	06/30/23	JCP
Molybdenum	ND		mg/Kg	0.96	0.96	317308	06/30/23	06/30/23	JCP
Nickel	7.2		mg/Kg	0.96	0.96	317308	06/30/23	06/30/23	JCP
Selenium	ND		mg/Kg	2.9	0.96	317308	06/30/23	06/30/23	JCP
Silver	ND		mg/Kg	0.48	0.96	317308	06/30/23	06/30/23	JCP
Thallium	ND		mg/Kg	0.96	0.96	317308	06/30/23	06/30/23	JCP
Vanadium	36		mg/Kg	0.96	0.96	317308	06/30/23	06/30/23	JCP
Zinc	41		mg/Kg	4.8	0.96	317308	06/30/23	06/30/23	JCP
Method: EPA 7471A									
Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.2	317454	07/05/23	07/05/23	KAM

Analysis Results for 487691

Sample ID: T-27 1.5'	Lab ID: 487691-004	Collected: 06/29/23 08:30
	Matrix: Soil	

487691-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6020									
Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.98	317308	06/30/23	06/30/23	JCP
Arsenic	6.7		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Barium	110		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Beryllium	0.49		mg/Kg	0.49	0.98	317308	06/30/23	06/30/23	JCP
Cadmium	ND		mg/Kg	0.49	0.98	317308	06/30/23	06/30/23	JCP
Chromium	13		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Cobalt	5.7		mg/Kg	0.49	0.98	317308	06/30/23	06/30/23	JCP
Copper	9.8		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Lead	8.5		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Molybdenum	ND		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Nickel	6.8		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Selenium	ND		mg/Kg	2.9	0.98	317308	06/30/23	06/30/23	JCP
Silver	ND		mg/Kg	0.49	0.98	317308	06/30/23	06/30/23	JCP
Thallium	ND		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Vanadium	34		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Zinc	38		mg/Kg	4.9	0.98	317308	06/30/23	06/30/23	JCP
Method: EPA 7471A									
Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	317454	07/05/23	07/05/23	KAM

Analysis Results for 487691

Sample ID: T-27 3'	Lab ID: 487691-005	Collected: 06/29/23 08:35
Matrix: Soil		

487691-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6020									
Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.96	317308	06/30/23	06/30/23	JCP
Arsenic	1.9		mg/Kg	0.96	0.96	317308	06/30/23	06/30/23	JCP
Barium	120		mg/Kg	0.96	0.96	317308	06/30/23	06/30/23	JCP
Beryllium	ND		mg/Kg	0.48	0.96	317308	06/30/23	06/30/23	JCP
Cadmium	ND		mg/Kg	0.48	0.96	317308	06/30/23	06/30/23	JCP
Chromium	24		mg/Kg	0.96	0.96	317308	06/30/23	06/30/23	JCP
Cobalt	7.9		mg/Kg	0.48	0.96	317308	06/30/23	06/30/23	JCP
Copper	12		mg/Kg	0.96	0.96	317308	06/30/23	06/30/23	JCP
Lead	2.3		mg/Kg	0.96	0.96	317308	06/30/23	06/30/23	JCP
Molybdenum	ND		mg/Kg	0.96	0.96	317308	06/30/23	06/30/23	JCP
Nickel	7.1		mg/Kg	0.96	0.96	317308	06/30/23	06/30/23	JCP
Selenium	ND		mg/Kg	2.9	0.96	317308	06/30/23	06/30/23	JCP
Silver	ND		mg/Kg	0.48	0.96	317308	06/30/23	06/30/23	JCP
Thallium	ND		mg/Kg	0.96	0.96	317308	06/30/23	06/30/23	JCP
Vanadium	63		mg/Kg	0.96	0.96	317308	06/30/23	06/30/23	JCP
Zinc	37		mg/Kg	4.8	0.96	317308	06/30/23	06/30/23	JCP
Method: EPA 7471A									
Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	317454	07/05/23	07/05/23	KAM

Analysis Results for 487691

Sample ID: T-27 5.5'	Lab ID: 487691-006	Collected: 06/29/23 08:40
Matrix: Soil		

487691-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6020									
Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.95	317308	06/30/23	06/30/23	JCP
Arsenic	3.1		mg/Kg	0.95	0.95	317308	06/30/23	06/30/23	JCP
Barium	81		mg/Kg	0.95	0.95	317308	06/30/23	06/30/23	JCP
Beryllium	ND		mg/Kg	0.48	0.95	317308	06/30/23	06/30/23	JCP
Cadmium	ND		mg/Kg	0.48	0.95	317308	06/30/23	06/30/23	JCP
Chromium	19		mg/Kg	0.95	0.95	317308	06/30/23	06/30/23	JCP
Cobalt	6.1		mg/Kg	0.48	0.95	317308	06/30/23	06/30/23	JCP
Copper	10		mg/Kg	0.95	0.95	317308	06/30/23	06/30/23	JCP
Lead	5.2		mg/Kg	0.95	0.95	317308	06/30/23	06/30/23	JCP
Molybdenum	ND		mg/Kg	0.95	0.95	317308	06/30/23	06/30/23	JCP
Nickel	7.2		mg/Kg	0.95	0.95	317308	06/30/23	06/30/23	JCP
Selenium	ND		mg/Kg	2.9	0.95	317308	06/30/23	06/30/23	JCP
Silver	ND		mg/Kg	0.48	0.95	317308	06/30/23	06/30/23	JCP
Thallium	ND		mg/Kg	0.95	0.95	317308	06/30/23	06/30/23	JCP
Vanadium	49		mg/Kg	0.95	0.95	317308	06/30/23	06/30/23	JCP
Zinc	37		mg/Kg	4.8	0.95	317308	06/30/23	06/30/23	JCP
Method: EPA 7471A									
Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	317454	07/05/23	07/05/23	KAM

Analysis Results for 487691

Sample ID: T-28 0'	Lab ID: 487691-007	Collected: 06/29/23 08:55
Matrix: Soil		

487691-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6020									
Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.95	317308	06/30/23	06/30/23	JCP
Arsenic	4.5		mg/Kg	0.95	0.95	317308	06/30/23	06/30/23	JCP
Barium	63		mg/Kg	0.95	0.95	317308	06/30/23	06/30/23	JCP
Beryllium	ND		mg/Kg	0.48	0.95	317308	06/30/23	06/30/23	JCP
Cadmium	ND		mg/Kg	0.48	0.95	317308	06/30/23	06/30/23	JCP
Chromium	13		mg/Kg	0.95	0.95	317308	06/30/23	06/30/23	JCP
Cobalt	4.9		mg/Kg	0.48	0.95	317308	06/30/23	06/30/23	JCP
Copper	10		mg/Kg	0.95	0.95	317308	06/30/23	06/30/23	JCP
Lead	8.3		mg/Kg	0.95	0.95	317308	06/30/23	06/30/23	JCP
Molybdenum	ND		mg/Kg	0.95	0.95	317308	06/30/23	06/30/23	JCP
Nickel	12		mg/Kg	0.95	0.95	317308	06/30/23	06/30/23	JCP
Selenium	ND		mg/Kg	2.9	0.95	317308	06/30/23	06/30/23	JCP
Silver	ND		mg/Kg	0.48	0.95	317308	06/30/23	06/30/23	JCP
Thallium	ND		mg/Kg	0.95	0.95	317308	06/30/23	06/30/23	JCP
Vanadium	35		mg/Kg	0.95	0.95	317308	06/30/23	06/30/23	JCP
Zinc	52		mg/Kg	4.8	0.95	317308	06/30/23	06/30/23	JCP
Method: EPA 7471A									
Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	317454	07/05/23	07/05/23	KAM
Method: EPA 8015M									
Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	99	9.9	317347	06/30/23	06/30/23	BJG
TPH (C13-C22)	ND		mg/Kg	99	9.9	317347	06/30/23	06/30/23	BJG
TPH (C23-C44)	390		mg/Kg	200	9.9	317347	06/30/23	06/30/23	BJG
Surrogates	Limits								
n-Triacontane		DO	%REC	70-130	9.9	317347	06/30/23	06/30/23	BJG

Analysis Results for 487691

Sample ID: T-28 3'	Lab ID: 487691-008	Collected: 06/29/23 09:00
Matrix: Soil		

487691-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6020									
Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.98	317308	06/30/23	06/30/23	JCP
Arsenic	4.7		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Barium	67		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Beryllium	ND		mg/Kg	0.49	0.98	317308	06/30/23	06/30/23	JCP
Cadmium	ND		mg/Kg	0.49	0.98	317308	06/30/23	06/30/23	JCP
Chromium	18		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Cobalt	6.4		mg/Kg	0.49	0.98	317308	06/30/23	06/30/23	JCP
Copper	10		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Lead	6.7		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Molybdenum	ND		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Nickel	7.7		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Selenium	ND		mg/Kg	2.9	0.98	317308	06/30/23	06/30/23	JCP
Silver	ND		mg/Kg	0.49	0.98	317308	06/30/23	06/30/23	JCP
Thallium	ND		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Vanadium	43		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Zinc	44		mg/Kg	4.9	0.98	317308	06/30/23	06/30/23	JCP
Method: EPA 7471A									
Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.2	317454	07/05/23	07/05/23	KAM
Method: EPA 8015M									
Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	10	1	317347	06/30/23	06/30/23	BJG
TPH (C13-C22)	ND		mg/Kg	10	1	317347	06/30/23	06/30/23	BJG
TPH (C23-C44)	ND		mg/Kg	20	1	317347	06/30/23	06/30/23	BJG
Surrogates	Limits								
n-Triacontane	73%		%REC	70-130	1	317347	06/30/23	06/30/23	BJG

Analysis Results for 487691

Sample ID: T-28 4.5'
Lab ID: 487691-009
Collected: 06/29/23 09:05
Matrix: Soil

487691-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6020									
Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.97	317308	06/30/23	06/30/23	JCP
Arsenic	2.0		mg/Kg	0.97	0.97	317308	06/30/23	06/30/23	JCP
Barium	150		mg/Kg	0.97	0.97	317308	06/30/23	06/30/23	JCP
Beryllium	ND		mg/Kg	0.49	0.97	317308	06/30/23	06/30/23	JCP
Cadmium	ND		mg/Kg	0.49	0.97	317308	06/30/23	06/30/23	JCP
Chromium	30		mg/Kg	0.97	0.97	317308	06/30/23	06/30/23	JCP
Cobalt	9.3		mg/Kg	0.49	0.97	317308	06/30/23	06/30/23	JCP
Copper	14		mg/Kg	0.97	0.97	317308	06/30/23	06/30/23	JCP
Lead	2.7		mg/Kg	0.97	0.97	317308	06/30/23	06/30/23	JCP
Molybdenum	ND		mg/Kg	0.97	0.97	317308	06/30/23	06/30/23	JCP
Nickel	8.3		mg/Kg	0.97	0.97	317308	06/30/23	06/30/23	JCP
Selenium	ND		mg/Kg	2.9	0.97	317308	06/30/23	06/30/23	JCP
Silver	ND		mg/Kg	0.49	0.97	317308	06/30/23	06/30/23	JCP
Thallium	ND		mg/Kg	0.97	0.97	317308	06/30/23	06/30/23	JCP
Vanadium	67		mg/Kg	0.97	0.97	317308	06/30/23	06/30/23	JCP
Zinc	46		mg/Kg	4.9	0.97	317308	06/30/23	06/30/23	JCP
Method: EPA 7471A									
Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	317454	07/05/23	07/05/23	KAM
Method: EPA 8015M									
Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	9.9	0.99	317347	06/30/23	06/30/23	BJG
TPH (C13-C22)	ND		mg/Kg	9.9	0.99	317347	06/30/23	06/30/23	BJG
TPH (C23-C44)	ND		mg/Kg	20	0.99	317347	06/30/23	06/30/23	BJG
Surrogates				Limits					
n-Triacontane	79%		%REC	70-130	0.99	317347	06/30/23	06/30/23	BJG

Analysis Results for 487691

Sample ID: T- 28 2.5'	Lab ID: 487691-010	Collected: 06/29/23 09:15
	Matrix: Soil	

487691-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6020									
Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.98	317308	06/30/23	06/30/23	JCP
Arsenic	5.2		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Barium	61		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Beryllium	ND		mg/Kg	0.49	0.98	317308	06/30/23	06/30/23	JCP
Cadmium	ND		mg/Kg	0.49	0.98	317308	06/30/23	06/30/23	JCP
Chromium	16		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Cobalt	5.9		mg/Kg	0.49	0.98	317308	06/30/23	06/30/23	JCP
Copper	9.9		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Lead	7.3		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Molybdenum	ND		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Nickel	8.4		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Selenium	ND		mg/Kg	2.9	0.98	317308	06/30/23	06/30/23	JCP
Silver	ND		mg/Kg	0.49	0.98	317308	06/30/23	06/30/23	JCP
Thallium	ND		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Vanadium	40		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Zinc	43		mg/Kg	4.9	0.98	317308	06/30/23	06/30/23	JCP
Method: EPA 7471A									
Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	317454	07/05/23	07/05/23	KAM
Method: EPA 8015M									
Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	9.9	0.99	317347	06/30/23	06/30/23	BJG
TPH (C13-C22)	ND		mg/Kg	9.9	0.99	317347	06/30/23	06/30/23	BJG
TPH (C23-C44)	ND		mg/Kg	20	0.99	317347	06/30/23	06/30/23	BJG
Surrogates	Limits								
n-Triacontane	83%		%REC	70-130	0.99	317347	06/30/23	06/30/23	BJG

Analysis Results for 487691

Sample ID: T-29 4'	Lab ID: 487691-011	Collected: 06/29/23 09:20
Matrix: Soil		

487691-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6020									
Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.97	317308	06/30/23	06/30/23	JCP
Arsenic	1.8		mg/Kg	0.97	0.97	317308	06/30/23	06/30/23	JCP
Barium	130		mg/Kg	0.97	0.97	317308	06/30/23	06/30/23	JCP
Beryllium	ND		mg/Kg	0.49	0.97	317308	06/30/23	06/30/23	JCP
Cadmium	ND		mg/Kg	0.49	0.97	317308	06/30/23	06/30/23	JCP
Chromium	25		mg/Kg	0.97	0.97	317308	06/30/23	06/30/23	JCP
Cobalt	7.8		mg/Kg	0.49	0.97	317308	06/30/23	06/30/23	JCP
Copper	13		mg/Kg	0.97	0.97	317308	06/30/23	06/30/23	JCP
Lead	2.3		mg/Kg	0.97	0.97	317308	06/30/23	06/30/23	JCP
Molybdenum	ND		mg/Kg	0.97	0.97	317308	06/30/23	06/30/23	JCP
Nickel	7.2		mg/Kg	0.97	0.97	317308	06/30/23	06/30/23	JCP
Selenium	ND		mg/Kg	2.9	0.97	317308	06/30/23	06/30/23	JCP
Silver	ND		mg/Kg	0.49	0.97	317308	06/30/23	06/30/23	JCP
Thallium	ND		mg/Kg	0.97	0.97	317308	06/30/23	06/30/23	JCP
Vanadium	60		mg/Kg	0.97	0.97	317308	06/30/23	06/30/23	JCP
Zinc	39		mg/Kg	4.9	0.97	317308	06/30/23	06/30/23	JCP
Method: EPA 7471A									
Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	317454	07/05/23	07/05/23	KAM
Method: EPA 8015M									
Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	10	1	317347	06/30/23	06/30/23	BJG
TPH (C13-C22)	ND		mg/Kg	10	1	317347	06/30/23	06/30/23	BJG
TPH (C23-C44)	ND		mg/Kg	20	1	317347	06/30/23	06/30/23	BJG
Surrogates	Limits								
n-Triacontane	73%		%REC	70-130	1	317347	06/30/23	06/30/23	BJG

Analysis Results for 487691

Sample ID: T-30 2.5'	Lab ID: 487691-012	Collected: 06/29/23 09:25
	Matrix: Soil	

487691-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6020									
Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.95	317308	06/30/23	06/30/23	JCP
Arsenic	5.6		mg/Kg	0.95	0.95	317308	06/30/23	06/30/23	JCP
Barium	41		mg/Kg	0.95	0.95	317308	06/30/23	06/30/23	JCP
Beryllium	ND		mg/Kg	0.48	0.95	317308	06/30/23	06/30/23	JCP
Cadmium	ND		mg/Kg	0.48	0.95	317308	06/30/23	06/30/23	JCP
Chromium	17		mg/Kg	0.95	0.95	317308	06/30/23	06/30/23	JCP
Cobalt	5.8		mg/Kg	0.48	0.95	317308	06/30/23	06/30/23	JCP
Copper	8.5		mg/Kg	0.95	0.95	317308	06/30/23	06/30/23	JCP
Lead	7.7		mg/Kg	0.95	0.95	317308	06/30/23	06/30/23	JCP
Molybdenum	ND		mg/Kg	0.95	0.95	317308	06/30/23	06/30/23	JCP
Nickel	8.6		mg/Kg	0.95	0.95	317308	06/30/23	06/30/23	JCP
Selenium	ND		mg/Kg	2.9	0.95	317308	06/30/23	06/30/23	JCP
Silver	ND		mg/Kg	0.48	0.95	317308	06/30/23	06/30/23	JCP
Thallium	ND		mg/Kg	0.95	0.95	317308	06/30/23	06/30/23	JCP
Vanadium	40		mg/Kg	0.95	0.95	317308	06/30/23	06/30/23	JCP
Zinc	47		mg/Kg	4.8	0.95	317308	06/30/23	06/30/23	JCP
Method: EPA 7471A									
Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	317454	07/05/23	07/05/23	KAM

Analysis Results for 487691

Sample ID: T-30 3.5'
Lab ID: 487691-013
Collected: 06/29/23 09:30
Matrix: Soil

487691-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6020									
Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.98	317308	06/30/23	06/30/23	JCP
Arsenic	ND		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Barium	40		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Beryllium	ND		mg/Kg	0.49	0.98	317308	06/30/23	06/30/23	JCP
Cadmium	ND		mg/Kg	0.49	0.98	317308	06/30/23	06/30/23	JCP
Chromium	8.0		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Cobalt	2.5		mg/Kg	0.49	0.98	317308	06/30/23	06/30/23	JCP
Copper	3.4		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Lead	ND		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Molybdenum	ND		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Nickel	2.4		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Selenium	ND		mg/Kg	2.9	0.98	317308	06/30/23	06/30/23	JCP
Silver	ND		mg/Kg	0.49	0.98	317308	06/30/23	06/30/23	JCP
Thallium	ND		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Vanadium	22		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Zinc	11		mg/Kg	4.9	0.98	317308	06/30/23	06/30/23	JCP
Method: EPA 7471A									
Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	317454	07/05/23	07/05/23	KAM

Analysis Results for 487691

Sample ID: T-31 2.5'	Lab ID: 487691-014	Collected: 06/29/23 09:35
	Matrix: Soil	

487691-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6020									
Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.98	317308	06/30/23	06/30/23	JCP
Arsenic	2.4		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Barium	150		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Beryllium	ND		mg/Kg	0.49	0.98	317308	06/30/23	06/30/23	JCP
Cadmium	ND		mg/Kg	0.49	0.98	317308	06/30/23	06/30/23	JCP
Chromium	29		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Cobalt	9.1		mg/Kg	0.49	0.98	317308	06/30/23	06/30/23	JCP
Copper	16		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Lead	3.6		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Molybdenum	ND		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Nickel	8.8		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Selenium	ND		mg/Kg	2.9	0.98	317308	06/30/23	06/30/23	JCP
Silver	ND		mg/Kg	0.49	0.98	317308	06/30/23	06/30/23	JCP
Thallium	ND		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Vanadium	66		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Zinc	48		mg/Kg	4.9	0.98	317308	06/30/23	06/30/23	JCP
Method: EPA 7471A									
Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.2	317454	07/05/23	07/05/23	KAM

Analysis Results for 487691

Sample ID: T-31 4'	Lab ID: 487691-015	Collected: 06/29/23 09:40
Matrix: Soil		

487691-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6020									
Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.98	317308	06/30/23	06/30/23	JCP
Arsenic	1.0		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Barium	82		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Beryllium	ND		mg/Kg	0.49	0.98	317308	06/30/23	06/30/23	JCP
Cadmium	ND		mg/Kg	0.49	0.98	317308	06/30/23	06/30/23	JCP
Chromium	17		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Cobalt	4.9		mg/Kg	0.49	0.98	317308	06/30/23	06/30/23	JCP
Copper	7.4		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Lead	1.3		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Molybdenum	ND		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Nickel	4.4		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Selenium	ND		mg/Kg	2.9	0.98	317308	06/30/23	06/30/23	JCP
Silver	ND		mg/Kg	0.49	0.98	317308	06/30/23	06/30/23	JCP
Thallium	ND		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Vanadium	46		mg/Kg	0.98	0.98	317308	06/30/23	06/30/23	JCP
Zinc	24		mg/Kg	4.9	0.98	317308	06/30/23	06/30/23	JCP
Method: EPA 7471A									
Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	317454	07/05/23	07/05/23	KAM

DO Diluted Out
 ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1077087	Batch: 317308
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1077087 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	06/30/23	06/30/23
Arsenic	ND		mg/Kg	1.0	06/30/23	06/30/23
Barium	ND		mg/Kg	1.0	06/30/23	06/30/23
Beryllium	ND		mg/Kg	0.50	06/30/23	06/30/23
Cadmium	ND		mg/Kg	0.50	06/30/23	06/30/23
Chromium	ND		mg/Kg	1.0	06/30/23	06/30/23
Cobalt	ND		mg/Kg	0.50	06/30/23	06/30/23
Copper	ND		mg/Kg	1.0	06/30/23	06/30/23
Lead	ND		mg/Kg	1.0	06/30/23	06/30/23
Molybdenum	ND		mg/Kg	1.0	06/30/23	06/30/23
Nickel	ND		mg/Kg	1.0	06/30/23	06/30/23
Selenium	ND		mg/Kg	3.0	06/30/23	06/30/23
Silver	ND		mg/Kg	0.50	06/30/23	06/30/23
Thallium	ND		mg/Kg	1.0	06/30/23	06/30/23
Vanadium	ND		mg/Kg	1.0	06/30/23	06/30/23
Zinc	ND		mg/Kg	5.0	06/30/23	06/30/23

Type: Lab Control Sample	Lab ID: QC1077088	Batch: 317308
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1077088 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	108.8	100.0	mg/Kg	109%		80-120
Arsenic	99.07	100.0	mg/Kg	99%		80-120
Barium	100.8	100.0	mg/Kg	101%		80-120
Beryllium	105.2	100.0	mg/Kg	105%		80-120
Cadmium	101.7	100.0	mg/Kg	102%		80-120
Chromium	104.4	100.0	mg/Kg	104%		80-120
Cobalt	106.7	100.0	mg/Kg	107%		80-120
Copper	107.6	100.0	mg/Kg	108%		80-120
Lead	101.7	100.0	mg/Kg	102%		80-120
Molybdenum	96.56	100.0	mg/Kg	97%		80-120
Nickel	106.3	100.0	mg/Kg	106%		80-120
Selenium	100.5	100.0	mg/Kg	101%		80-120
Silver	50.65	50.00	mg/Kg	101%		80-120
Thallium	98.38	100.0	mg/Kg	98%		80-120
Vanadium	99.14	100.0	mg/Kg	99%		80-120
Zinc	102.2	100.0	mg/Kg	102%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1077089	Batch: 317308
Matrix (Source ID): Soil (487691-001)	Method: EPA 6020	Prep Method: EPA 3050B

QC1077089 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	68.94	0.4078	99.01	mg/Kg	69%	*	75-125	0.99
Arsenic	105.3	6.149	99.01	mg/Kg	100%		75-125	0.99
Barium	162.9	41.83	99.01	mg/Kg	122%		75-125	0.99
Beryllium	101.1	0.4285	99.01	mg/Kg	102%		75-125	0.99
Cadmium	102.6	ND	99.01	mg/Kg	104%		75-125	0.99
Chromium	116.9	17.08	99.01	mg/Kg	101%		75-125	0.99
Cobalt	111.6	5.211	99.01	mg/Kg	108%		75-125	0.99
Copper	111.0	7.346	99.01	mg/Kg	105%		75-125	0.99
Lead	109.7	12.66	99.01	mg/Kg	98%		75-125	0.99
Molybdenum	89.38	0.3883	99.01	mg/Kg	90%		75-125	0.99
Nickel	110.9	7.449	99.01	mg/Kg	105%		75-125	0.99
Selenium	105.0	ND	99.01	mg/Kg	106%		75-125	0.99
Silver	50.02	ND	49.50	mg/Kg	101%		75-125	0.99
Thallium	99.18	ND	99.01	mg/Kg	100%		75-125	0.99
Vanadium	138.6	39.42	99.01	mg/Kg	100%		75-125	0.99
Zinc	150.8	46.12	99.01	mg/Kg	106%		75-125	0.99

Type: Matrix Spike Duplicate	Lab ID: QC1077090	Batch: 317308
Matrix (Source ID): Soil (487691-001)	Method: EPA 6020	Prep Method: EPA 3050B

QC1077090 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Antimony	69.51	0.4078	99.01	mg/Kg	70%	*	75-125	1	20	0.99
Arsenic	104.7	6.149	99.01	mg/Kg	99%		75-125	1	20	0.99
Barium	167.9	41.83	99.01	mg/Kg	127%	*	75-125	3	20	0.99
Beryllium	101.8	0.4285	99.01	mg/Kg	102%		75-125	1	20	0.99
Cadmium	101.4	ND	99.01	mg/Kg	102%		75-125	1	20	0.99
Chromium	117.5	17.08	99.01	mg/Kg	101%		75-125	0	20	0.99
Cobalt	110.8	5.211	99.01	mg/Kg	107%		75-125	1	20	0.99
Copper	110.0	7.346	99.01	mg/Kg	104%		75-125	1	20	0.99
Lead	110.0	12.66	99.01	mg/Kg	98%		75-125	0	20	0.99
Molybdenum	87.65	0.3883	99.01	mg/Kg	88%		75-125	2	20	0.99
Nickel	111.4	7.449	99.01	mg/Kg	105%		75-125	0	20	0.99
Selenium	101.5	ND	99.01	mg/Kg	103%		75-125	3	20	0.99
Silver	49.27	ND	49.50	mg/Kg	100%		75-125	2	20	0.99
Thallium	98.36	ND	99.01	mg/Kg	99%		75-125	1	20	0.99
Vanadium	138.8	39.42	99.01	mg/Kg	100%		75-125	0	20	0.99
Zinc	147.5	46.12	99.01	mg/Kg	102%		75-125	2	20	0.99

Batch QC

Type: Post Digest Spike	Lab ID: QC1077091	Batch: 317308
Matrix (Source ID): Soil (487691-001)	Method: EPA 6020	Prep Method: EPA 3050B

QC1077091 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	101.6	0.4078	98.04	mg/Kg	103%		75-125	0.98
Arsenic	103.1	6.149	98.04	mg/Kg	99%		75-125	0.98
Barium	141.6	41.83	98.04	mg/Kg	102%		75-125	0.98
Beryllium	98.99	0.4285	98.04	mg/Kg	101%		75-125	0.98
Cadmium	97.54	ND	98.04	mg/Kg	99%		75-125	0.98
Chromium	113.4	17.08	98.04	mg/Kg	98%		75-125	0.98
Cobalt	107.3	5.211	98.04	mg/Kg	104%		75-125	0.98
Copper	108.1	7.346	98.04	mg/Kg	103%		75-125	0.98
Lead	111.3	12.66	98.04	mg/Kg	101%		75-125	0.98
Molybdenum	89.99	0.3883	98.04	mg/Kg	91%		75-125	0.98
Nickel	106.8	7.449	98.04	mg/Kg	101%		75-125	0.98
Selenium	101.0	ND	98.04	mg/Kg	103%		75-125	0.98
Silver	48.00	ND	49.02	mg/Kg	98%		75-125	0.98
Thallium	96.45	ND	98.04	mg/Kg	98%		75-125	0.98
Vanadium	133.7	39.42	98.04	mg/Kg	96%		75-125	0.98
Zinc	145.9	46.12	98.04	mg/Kg	102%		75-125	0.98

Type: Blank	Lab ID: QC1077564	Batch: 317454
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1077564 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	07/05/23	07/05/23

Type: Lab Control Sample	Lab ID: QC1077565	Batch: 317454
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1077565 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.7652	0.8333	mg/Kg	92%		80-120

Type: Matrix Spike	Lab ID: QC1077566	Batch: 317454
Matrix (Source ID): Soil (487691-001)	Method: EPA 7471A	Prep Method: METHOD

QC1077566 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.9400	0.02908	0.9259	mg/Kg	98%		75-125	1.1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1077567	Batch: 317454
Matrix (Source ID): Soil (487691-001)	Method: EPA 7471A	Prep Method: METHOD

QC1077567 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	0.9898	0.02908	0.9804	mg/Kg	98%		75-125	0	20	1.2

Type: Blank	Lab ID: QC1077205	Batch: 317347
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1077205 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH (C6-C12)	ND		mg/Kg	10	06/30/23	06/30/23
TPH (C13-C22)	ND		mg/Kg	10	06/30/23	06/30/23
TPH (C23-C44)	ND		mg/Kg	20	06/30/23	06/30/23
Surrogates				Limits		
n-Triacontane	80%		%REC	70-130	06/30/23	06/30/23

Type: Lab Control Sample	Lab ID: QC1077206	Batch: 317347
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1077206 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	250.5	249.4	mg/Kg	100%		76-122
Surrogates						
n-Triacontane	9.795	9.975	mg/Kg	98%		70-130

Type: Matrix Spike	Lab ID: QC1077207	Batch: 317347
Matrix (Source ID): Soil (487691-007)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1077207 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	236.6	34.92	248.5	mg/Kg	81%		62-126	9.9
Surrogates								
n-Triacontane	7.955		9.940	mg/Kg		DO	70-130	9.9

Type: Matrix Spike Duplicate	Lab ID: QC1077208	Batch: 317347
Matrix (Source ID): Soil (487691-007)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1077208 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	255.6	34.92	249.4	mg/Kg	88%		62-126	7	35	10
Surrogates										
n-Triacontane	7.948		9.975	mg/Kg		DO	70-130			10

Batch QC

* Value is outside QC limits
DO Diluted Out
ND Not Detected



ENTHALPY
ANALYTICAL

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

enthalpy.com

Lab Job Number: 487756
Report Level: II
Report Date: 07/06/2023

Analytical Report *prepared for:*

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

Project: MIDWAY RISING - Sports Arena

Authorized for release by:

Ranjit K Clarke, Client Services Manager
(714) 771-9906
Ranjit.Clarke@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

Sample Summary

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

Lab Job #: 487756
Project No: MIDWAY RISING
Location: Sports Arena
Date Received: 06/30/23

Sample ID	Lab ID	Collected	Matrix
T-32 NW 1.5'	487756-001	06/30/23 08:06	Soil
T-32 NW 3.5'	487756-002	06/30/23 08:10	Soil
T-32 M 5'	487756-003	06/30/23 08:30	Soil
T-32 SE 5'	487756-004	06/30/23 08:40	Soil
T-32 SE 1.5'	487756-005	06/30/23 08:45	Soil

Case Narrative

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

Lab Job Number: 487756
Project No: MIDWAY RISING
Location: Sports Arena
Date Received: 06/30/23

This data package contains sample and QC results for five soil samples, requested for the above referenced project on 06/30/23. The samples were received cold and intact.

TPH-Extractables by GC (EPA 8015M):

No analytical problems were encountered.

Metals (EPA 6010B and EPA 7471A):

- Low recoveries were observed for antimony in the MS/MSD for batch 317390; 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: **407756**
Page: _____ of _____

Turn Around Time (rush by advanced notice only)

Standard: _____ 5 Day: _____ 3 Day: **X**
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 Water SD = Sediment
PP = Pure Product SEA = Sea Water
SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:
1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:
(lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION				Analysis Request				Test Instructions / Comments		
Company:	SCS Engineers	Name:	Sports Arena			TPH Lead Metals-T-06-22						Report to: Chuck Houser chouser@scsengineers.com Garrett Lepine glepine@scsengineers.com
Report To:	Chuck Houser	Number:										
Email:	chouser@scsengineers.com	P.O. #:	01213320.07									
Address:		Address:										
Phone:	(858) 805-5523	Global ID:										
Fax:		Sampled By:	C. Houser									
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.							
1	T-32 NW 1.5'	6/30/23	0806	Soil	803 Jar	Chill						
2	T-32 NW 3.5'		0810									
3	T-32 M 5'		0830									
4	T-32 SE 5'		0840									
5	T-32 SE 1.5'		0845									
6												
7												
8												
9												
10												

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		Chuck Houser	SCS	6/30/23 / 0940
¹ Received By:		Wyatt Farn	EASD	6/30/23 / 0940
² Relinquished By:		Michael Tanwango	EA-SD	6/30/23 / 1500
² Received By:		Darnel Padilla	EA	6/30/23 1500
³ Relinquished By:		Darnel Padilla	EA	6/30/23 16:44
³ Received By:		Green Sylvester	E.A.	6/30/23 16:44



SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: SCS EngineersProject: Sports ArenaDate Received: 6/30/23Sampler'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: 3.9 #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: 3.4 #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: [Signature] Date: 6/30/23

Analysis Results for 487756

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

Lab Job #: 487756
 Project No: MIDWAY RISING
 Location: Sports Arena
 Date Received: 06/30/23

Sample ID: T-32 NW 1.5'	Lab ID: 487756-001	Collected: 06/30/23 08:06
	Matrix: Soil	

487756-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B									
Prep Method: EPA 3050B									
Lead	13		mg/Kg	0.96	0.96	317390	07/01/23	07/06/23	SBW

Sample ID: T-32 NW 3.5'	Lab ID: 487756-002	Collected: 06/30/23 08:10
	Matrix: Soil	

487756-002 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	317390	07/01/23	07/06/23	SBW

Analysis Results for 487756

Sample ID: T-32 M 5'	Lab ID: 487756-003	Collected: 06/30/23 08:30
	Matrix: Soil	

487756-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B									
Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.96	317390	07/01/23	07/06/23	SBW
Arsenic	ND		mg/Kg	0.96	0.96	317390	07/01/23	07/06/23	SBW
Barium	55		mg/Kg	0.96	0.96	317390	07/01/23	07/06/23	SBW
Beryllium	ND		mg/Kg	0.48	0.96	317390	07/01/23	07/06/23	SBW
Cadmium	ND		mg/Kg	0.48	0.96	317390	07/01/23	07/06/23	SBW
Chromium	14		mg/Kg	0.96	0.96	317390	07/01/23	07/06/23	SBW
Cobalt	3.1		mg/Kg	0.48	0.96	317390	07/01/23	07/06/23	SBW
Copper	4.5		mg/Kg	0.96	0.96	317390	07/01/23	07/06/23	SBW
Lead	ND		mg/Kg	0.96	0.96	317390	07/01/23	07/06/23	SBW
Molybdenum	ND		mg/Kg	0.96	0.96	317390	07/01/23	07/06/23	SBW
Nickel	3.5		mg/Kg	0.96	0.96	317390	07/01/23	07/06/23	SBW
Selenium	ND		mg/Kg	2.9	0.96	317390	07/01/23	07/06/23	SBW
Silver	ND		mg/Kg	0.48	0.96	317390	07/01/23	07/06/23	SBW
Thallium	ND		mg/Kg	2.9	0.96	317390	07/01/23	07/06/23	SBW
Vanadium	43		mg/Kg	0.96	0.96	317390	07/01/23	07/06/23	SBW
Zinc	17		mg/Kg	4.8	0.96	317390	07/01/23	07/06/23	SBW
Method: EPA 7471A									
Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	317453	07/05/23	07/05/23	KAM
Method: EPA 8015M									
Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	9.9	0.99	317397	07/01/23	07/06/23	SME
TPH (C13-C22)	ND		mg/Kg	9.9	0.99	317397	07/01/23	07/06/23	SME
TPH (C23-C44)	ND		mg/Kg	20	0.99	317397	07/01/23	07/06/23	SME
Surrogates	Limits								
n-Triacontane	107%		%REC	70-130	0.99	317397	07/01/23	07/06/23	SME

Analysis Results for 487756

Sample ID: T-32 SE 5'	Lab ID: 487756-004	Collected: 06/30/23 08:40
	Matrix: Soil	

487756-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B									
Prep Method: EPA 3050B									
Lead	ND		mg/Kg	0.96	0.96	317390	07/01/23	07/06/23	SBW
Method: EPA 8015M									
Prep Method: EPA 3580M									
TPH (C6-C12)	ND		mg/Kg	10	1	317397	07/01/23	07/06/23	SME
TPH (C13-C22)	ND		mg/Kg	10	1	317397	07/01/23	07/06/23	SME
TPH (C23-C44)	ND		mg/Kg	20	1	317397	07/01/23	07/06/23	SME
Surrogates			Limits						
n-Triacontane	107%		%REC	70-130	1	317397	07/01/23	07/06/23	SME

Sample ID: T-32 SE 1.5'	Lab ID: 487756-005	Collected: 06/30/23 08:45
	Matrix: Soil	

487756-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B									
Prep Method: EPA 3050B									
Lead	6.8		mg/Kg	0.97	0.97	317390	07/01/23	07/06/23	SBW

ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1077340	Batch: 317390
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1077340 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	07/01/23	07/06/23
Arsenic	ND		mg/Kg	1.0	07/01/23	07/06/23
Barium	ND		mg/Kg	1.0	07/01/23	07/06/23
Beryllium	ND		mg/Kg	0.50	07/01/23	07/06/23
Cadmium	ND		mg/Kg	0.50	07/01/23	07/06/23
Chromium	ND		mg/Kg	1.0	07/01/23	07/06/23
Cobalt	ND		mg/Kg	0.50	07/01/23	07/06/23
Copper	ND		mg/Kg	1.0	07/01/23	07/06/23
Lead	ND		mg/Kg	1.0	07/01/23	07/06/23
Molybdenum	ND		mg/Kg	1.0	07/01/23	07/06/23
Nickel	ND		mg/Kg	1.0	07/01/23	07/06/23
Selenium	ND		mg/Kg	3.0	07/01/23	07/06/23
Silver	ND		mg/Kg	0.50	07/01/23	07/06/23
Thallium	ND		mg/Kg	3.0	07/01/23	07/06/23
Vanadium	ND		mg/Kg	1.0	07/01/23	07/06/23
Zinc	ND		mg/Kg	5.0	07/01/23	07/06/23

Type: Lab Control Sample	Lab ID: QC1077341	Batch: 317390
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1077341 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	98.02	100.0	mg/Kg	98%		80-120
Arsenic	96.61	100.0	mg/Kg	97%		80-120
Barium	98.58	100.0	mg/Kg	99%		80-120
Beryllium	99.05	100.0	mg/Kg	99%		80-120
Cadmium	99.98	100.0	mg/Kg	100%		80-120
Chromium	98.64	100.0	mg/Kg	99%		80-120
Cobalt	106.3	100.0	mg/Kg	106%		80-120
Copper	98.25	100.0	mg/Kg	98%		80-120
Lead	101.7	100.0	mg/Kg	102%		80-120
Molybdenum	96.44	100.0	mg/Kg	96%		80-120
Nickel	101.6	100.0	mg/Kg	102%		80-120
Selenium	92.68	100.0	mg/Kg	93%		80-120
Silver	49.28	50.00	mg/Kg	99%		80-120
Thallium	99.61	100.0	mg/Kg	100%		80-120
Vanadium	98.61	100.0	mg/Kg	99%		80-120
Zinc	99.88	100.0	mg/Kg	100%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1077342	Batch: 317390
Matrix (Source ID): Soil (487738-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1077342 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	27.95	ND	96.15	mg/Kg	29%	*	75-125	0.96
Arsenic	98.98	4.085	96.15	mg/Kg	99%		75-125	0.96
Barium	206.2	111.9	96.15	mg/Kg	98%		75-125	0.96
Beryllium	97.87	0.4272	96.15	mg/Kg	101%		75-125	0.96
Cadmium	97.07	1.090	96.15	mg/Kg	100%		75-125	0.96
Chromium	119.4	19.55	96.15	mg/Kg	104%		75-125	0.96
Cobalt	108.3	6.882	96.15	mg/Kg	105%		75-125	0.96
Copper	116.8	14.42	96.15	mg/Kg	106%		75-125	0.96
Lead	103.6	6.725	96.15	mg/Kg	101%		75-125	0.96
Molybdenum	92.87	3.855	96.15	mg/Kg	93%		75-125	0.96
Nickel	114.8	18.29	96.15	mg/Kg	100%		75-125	0.96
Selenium	90.00	0.7134	96.15	mg/Kg	93%		75-125	0.96
Silver	48.06	ND	48.08	mg/Kg	100%		75-125	0.96
Thallium	92.98	0.8793	96.15	mg/Kg	96%		75-125	0.96
Vanadium	145.7	39.42	96.15	mg/Kg	111%		75-125	0.96
Zinc	156.0	56.82	96.15	mg/Kg	103%		75-125	0.96

Type: Matrix Spike Duplicate	Lab ID: QC1077343	Batch: 317390
Matrix (Source ID): Soil (487738-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1077343 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Antimony	29.36	ND	96.15	mg/Kg	31%	*	75-125	5	41	0.96
Arsenic	98.22	4.085	96.15	mg/Kg	98%		75-125	1	35	0.96
Barium	199.6	111.9	96.15	mg/Kg	91%		75-125	3	20	0.96
Beryllium	97.43	0.4272	96.15	mg/Kg	101%		75-125	0	20	0.96
Cadmium	96.04	1.090	96.15	mg/Kg	99%		75-125	1	20	0.96
Chromium	117.4	19.55	96.15	mg/Kg	102%		75-125	2	20	0.96
Cobalt	107.6	6.882	96.15	mg/Kg	105%		75-125	1	20	0.96
Copper	115.0	14.42	96.15	mg/Kg	105%		75-125	2	20	0.96
Lead	102.8	6.725	96.15	mg/Kg	100%		75-125	1	20	0.96
Molybdenum	92.49	3.855	96.15	mg/Kg	92%		75-125	0	20	0.96
Nickel	113.1	18.29	96.15	mg/Kg	99%		75-125	1	20	0.96
Selenium	89.72	0.7134	96.15	mg/Kg	93%		75-125	0	20	0.96
Silver	47.90	ND	48.08	mg/Kg	100%		75-125	0	20	0.96
Thallium	93.24	0.8793	96.15	mg/Kg	96%		75-125	0	20	0.96
Vanadium	141.6	39.42	96.15	mg/Kg	106%		75-125	3	20	0.96
Zinc	152.0	56.82	96.15	mg/Kg	99%		75-125	3	20	0.96

Batch QC

Type: Post Digest Spike	Lab ID: QC1077400	Batch: 317390
Matrix (Source ID): Soil (487738-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1077400 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	103.8	ND	98.04	mg/Kg	106%		75-125	0.98
Arsenic	108.2	4.085	98.04	mg/Kg	106%		75-125	0.98
Barium	217.9	111.9	98.04	mg/Kg	108%		75-125	0.98
Beryllium	105.4	0.4272	98.04	mg/Kg	107%		75-125	0.98
Cadmium	105.2	1.090	98.04	mg/Kg	106%		75-125	0.98
Chromium	122.8	19.55	98.04	mg/Kg	105%		75-125	0.98
Cobalt	116.6	6.882	98.04	mg/Kg	112%		75-125	0.98
Copper	124.6	14.42	98.04	mg/Kg	112%		75-125	0.98
Lead	111.6	6.725	98.04	mg/Kg	107%		75-125	0.98
Molybdenum	109.7	3.855	98.04	mg/Kg	108%		75-125	0.98
Nickel	122.8	18.29	98.04	mg/Kg	107%		75-125	0.98
Selenium	100.8	0.7134	98.04	mg/Kg	102%		75-125	0.98
Silver	53.86	ND	49.02	mg/Kg	110%		75-125	0.98
Thallium	103.8	0.8793	98.04	mg/Kg	105%		75-125	0.98
Vanadium	146.0	39.42	98.04	mg/Kg	109%		75-125	0.98
Zinc	160.4	56.82	98.04	mg/Kg	106%		75-125	0.98

Type: Blank	Lab ID: QC1077560	Batch: 317453
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1077560 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	07/05/23	07/05/23

Type: Lab Control Sample	Lab ID: QC1077561	Batch: 317453
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1077561 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8327	0.8333	mg/Kg	100%		80-120

Type: Matrix Spike	Lab ID: QC1077562	Batch: 317453
Matrix (Source ID): Soil (487587-005)	Method: EPA 7471A	Prep Method: METHOD

QC1077562 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.9416	0.08861	0.9434	mg/Kg	90%		75-125	1.1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1077563	Batch: 317453
Matrix (Source ID): Soil (487587-005)	Method: EPA 7471A	Prep Method: METHOD

QC1077563 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	0.8459	0.08861	0.8621	mg/Kg	88%		75-125	3	20	1

Type: Blank	Lab ID: QC1077377	Batch: 317397
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1077377 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH (C6-C12)	ND		mg/Kg	10	07/01/23	07/05/23
TPH (C13-C22)	ND		mg/Kg	10	07/01/23	07/05/23
TPH (C23-C44)	ND		mg/Kg	20	07/01/23	07/05/23
Surrogates				Limits		
n-Triacontane	115%		%REC	70-130	07/01/23	07/05/23

Type: Lab Control Sample	Lab ID: QC1077378	Batch: 317397
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1077378 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	256.1	249.5	mg/Kg	103%		76-122
Surrogates						
n-Triacontane	10.55	9.980	mg/Kg	106%		70-130

Type: Matrix Spike	Lab ID: QC1077379	Batch: 317397
Matrix (Source ID): Soil (487714-004)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1077379 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	251.8	2.504	248.8	mg/Kg	100%		62-126	1
Surrogates								
n-Triacontane	10.63		9.950	mg/Kg	107%		70-130	1

Type: Matrix Spike Duplicate	Lab ID: QC1077380	Batch: 317397
Matrix (Source ID): Soil (487714-004)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1077380 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	266.1	2.504	247.8	mg/Kg	106%		62-126	6	35	0.99
Surrogates										
n-Triacontane	10.56		9.911	mg/Kg	107%		70-130			0.99

Batch QC

* Value is outside QC limits
ND Not Detected