



**PRELIMINARY ENVIRONMENTAL ASSESSMENT - EQUIVALENT (PEA-E)
FAIRFAX HIGH SCHOOL - MAJOR MODERNIZATION
7850 MELROSE AVENUE
LOS ANGELES, CA 90046**

**April 18, 2025
Millennium Project No.: 12060.2010**

**Submitted to:
Los Angeles Unified School District (LAUSD)
Office of Environmental Health and safety (OEHS)
333 South Beaudry Avenue, 21st Floor
Los Angeles, CA 90017**

**Submitted by:
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December 19, 2024

Project 12060.2010

Steven Morrill
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Contract Professional
333 South Beaudry, 21st Floor
Los Angeles, CA 90017

**Re: Preliminary Environmental Assessment – Equivalent (PEA-E) Fairfax High School
7850 Melrose Avenue, Los Angeles, California 90046**

Mr. Morrill,

Millennium Consulting Associates (Millennium) is pleased to submit Preliminary Environmental Assessment - Equivalent (PEA-E) Report in response to the Office of Environmental Health and Safety and LAUSD for the property located at 7850 Melrose Avenue, Los Angeles, California.

If you have comments or questions regarding this Report, please do not hesitate to contact the undersigned at 925-808-6700.

Sincerely,

Millennium Consulting Associates

Prepared by:

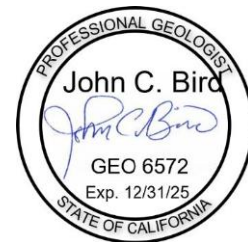


Alec McConnell
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Reviewed by:



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ACRONYM GUIDE

µg/m ³	micrograms per cubed meter
µg/kg	micrograms per kilogram
mg/kg	milligrams per kilogram
bgs	below ground surface
ABS	Absorption Value
ACM	Asbestos Containing Materials
ADA	Americans with Disabilities Act
ASTM	American Society for Testing and Materials
BW	Body Weight
COPC	Chemicals of Potential Concern
DSA	Division of the State and Architecture
DTSC	Department of Toxic Substance Control
EC	Exchange Rate
ED	Exposure Duration
EF	Exposure Frequency
EPA	United States Environmental Protection Agency
ESA	Environmental Site Assessment
HASP	Health and Safety Plan
HHRA	Human Health and Risk Assessment
HS	High School
IRIS	Integrated Risk Information
IUR	Inhalation Unit Risk
LAUSD	Los Angeles Unified School District
LOE	Multiple-Lines-of-Evidence
OCP	Organochlorine Pesticides
OSWER	Office of Solid Waste and Emergency Response
PAH	Polycyclic Aromatic Hydrocarbons
PCB	Polychlorinated Biphenyls
PCE	Tetrachloroethene
PEA-E	Preliminary Environmental Assessment-Equivalent
PEF	Particulate Emission Factor
PLM	Polarized Light Microscopy
QA/QC	Quality Assurance/Quality Control
RAGS	Risk Assessment Guidance for Superfund
RfC	Reference Concentration
RME	Reasonable Maximum Exposure
RSL	Regional Screening Levels

SCAQMD	South Coast Air Quality Management District
SF	Slope Factor
SSCL	Site-Specific Screening Level
TAC	Toxic Air Contaminants
TCE	Trichloroethene
TPH	Total Petroleum Hydrocarbons
URF	Unit Risk Factor
USGS	United States Geological Survey
VF	Volatilization Factor
VFC	Vapor-Forming chemical
VI	Vapor Intrusion
VOC	Volatile Organic Compounds

1.0 INTRODUCTION

At the request of the Los Angeles Unified School District (LAUSD), Millennium Consulting Associates (Millennium) has completed this Preliminary Environment Assessment-Equivalent (PEA-E) for the Major Modernization Project at Fairfax High School, 7850 Melrose Avenue, Los Angeles, California 90046 (Figure 1). The main objective of this PEA-E is to identify potential environmental contamination associated with existing and historical onsite activities and any offsite contamination that may impact the school property. Any contamination found is to be remediated to LAUSD standards prior or during the new construction.

Fairfax High School is located at 7850 Melrose Avenue, Los Angeles, California 90046, near the border of West Hollywood in the Fairfax District (Figure 1). Fairfax High School is also defined by Los Angeles County Assessor parcel numbers 5527-021-900. The school property is approximately 24.45 acres of land with various school buildings and recreational fields, including parking lots throughout. The school is surrounded by residential and commercial businesses.

The Major Modification Project at Fairfax High School includes the following:

1. The demolition and removal of the Shop Building, Gymnasium, Utility Building, Ticket Office, and Relocatable Sanitary Building.
2. The construction of a new gymnasium building, approximately five specialty classrooms and support spaces, outdoor physical education courts, and art gallery building.
3. Exterior painting of all remaining buildings to provide a uniform appearance; associated landscape, hardscape, parking improvements, and related infrastructure upgrades including, but not limited to, sanitary sewer, water, storm water, and electrical utilities.
4. Improvements related to requirements from the Americans with Disabilities Act (ADA), Division of the State and Architecture (DSA), California Environmental Quality Act (CEQA), Department of Toxic Substances Control (DTSC), or other improvements to ensure compliance with local, state, and federal requirements.

The boundaries of the Major Modification Project at Fairfax High School (the “Site”) are identified in Figure 2.

1.1 Site History and Background

The Site is approximately 24.45 acres of land with various school buildings and athletic fields, including parking lots throughout. Historical records dating back to 1894 show the Site as undeveloped land with no signs of infrastructure until 1924, where it is associated with Fairfax High School. Currently, the Site is an active high school located adjacent to retail markets and residential properties. Historical aerial photographs dating back to 1923 depict the Site as undeveloped land until approximately 1928, where the land is shown to have multiple structures onsite including what resembles a recreational

field on its southwest corner. By at least 1977, the Site changes its configuration, where an additional athletic field is depicted adjacent to the southwest corner field in the southeast corner with a much larger multi-story structure occupying the northeast corner. An additional structure on the west side of the Subject Property is shown replacing the previous structure with an added parking lot. Aerial photos dated 2012 show the athletic fields in the southwest corner and southeast corner are clearly defined and marked as a football field and baseball field with the rest of the subject property in its present-day configuration.

Millennium is tasked with creating this PEA-E in order to analyze subsurface conditions. It is our understanding that the Site will continue to operate as Fairfax High School.

1.2 Previous Environmental Investigations

Previous environmental investigations for Fairfax High School (HS) include a South Coast Air Quality Management District (SCAQMD) Rule 1466 Soil Sampling Report for the ADA Improvement Project (ALTA Environmental, March 11, 2020), a Methane Survey Report for the Major Modernization Project (Clark Seif Clark, January 19, 2024), and a Phase I Environmental Site Assessment (Millennium, March 4, 2022).

There were no identified Toxic Air Contaminants (TACs) identified within the Major Modernization Project boundaries in the SCAQMD Rule 1466 Soil Sampling Report (ALTA, 2020). No methane or hydrogen sulfide were detected during the methane survey conducted for the Major Modernization Project (CSC, 2024); however, the Fairfax High School is located in a SCAQMD Methane Zone and sub-slab methane barriers systems will be designed and installed for the new building construction.

The Phase I Environmental Site Assessment (ESA) (Millennium, 2022) identified the following historical and current environmental issues for the Major Modernization Project.

- Three-stage clarifier and hydraulic hoists associated with the former autobody shop building operations.
- Records identifying a historic autobody shop, woodworking shop, paint shop, and electrical shop buildings formerly located on the west portion of the Subject Property.
- Various Southern California Edison transformers located in the quad area (potential PCB containing materials based on date of construction).
- The Subject Property is located within a City of Los Angeles Methane Zone.
- Potential for organochloride pesticides, lead, and arsenic contamination of shallow soils around drip lines of buildings resulting from the use of termiticides, herbicides, and pesticides at locations where buildings may be demolished.

- Site plans from March 1927 indicated various cesspools at the northwest, northeast, and northcenter portion of the campus. The disposition of the cesspools is not known.

1.3 Objective and Scope

The purpose of the PEA-E is to conduct soil and soil vapor sampling and laboratory analysis for the Major Modernization Project to investigate the environmental concerns identified during the Phase I ESA. The objective of the PEA-E was to:

- Determine through sampling and analyses whether current and historical uses at the Site resulted in the deposition of Chemicals of Potential Concern (CPOCs) in soil and soil vapor.
- Determine the amount, concentration, and extent of COPC onsite.
- Evaluate potential risks posed by identified impacts.
- Recommend further action or no further action based on the findings of this PEA-E.

Environmental soil sampling was completed for organochlorine pesticides (OCPs), polychlorinated biphenyls (PCBs), asbestos containing materials (ACMs), volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs), total petroleum hydrocarbons (TPHs), Title 22 Metals, arsenic, lead, and hexavalent chromium. One hundred and two soil samples and twenty-nine vapor samples were analyzed across the Site. The PEA-E investigation results are outlined in the following sections.

2.0 GEOLOGICAL AND HYDROGEOLOGICAL SETTING

The Site is approximately 224 feet above sea level (United States Geological Survey [USGS] Topographic Map, Beverly Hills, California, 2015). The Site is located within the Los Angeles Basin in a relatively low-lying area filled with unconsolidated alluvial fan deposits. The soil at the Site consists of wet moderately well-drained soil of silty clay loam. Regional geologic mapping designates the level area of the Site as alluvium from the early Holocene and late Pleistocene (Division of Mines and Geology, Geologic Map of California, 2010).

The Subject Property is located inside the Los Angeles Basin within the California Coastal Basin Aquifer (American Geosciences Institute, 2022). The soils presented at the Subject Property have moderate infiltration rates. The surrounding area of the Subject Property has been improved by grading. Surface water flow is controlled by the existing grading and pavement systems. Storm water is primarily controlled by existing surface topography and storm water collection devices (area drains). Runoff water is expected to flow south-southwest on the Subject Property (USGS Topographic Map, Beverly Hills, California, 2015). According to Geotracker well data of adjacent properties within 0.5 miles of the Subject Property, the general movement of groundwater is expected to flow west-southwest in line with the general topographic gradient. Depth to groundwater is estimated to be 20-40 feet below ground surface.

Millennium's PEA-E logged 12 Vapor Soil borings, VP1 through to VP13 (VP-7 was not logged) to a depth of 15 feet bgs with the exceptions of VP11 and VP12, which had depths of 13 feet bgs. Nineteen soil borings from SB1 to SB20 (SB14 was omitted and not logged) were drilled to a depth of 5 feet bgs, with the exceptions of SB11, SB12, and SB13. Soil Boring 11 hit a utility box at 1 foot bgs and was terminated while SB12 and SB13 hit refusal at 2.25 feet bgs. Stepping out to complete the borings was not an option due to site conditions. Three Primary Source borings (PS2, PS3, and PS5) were drilled to a depth of 15 feet bgs, while twenty Drip Line borings (DL1 through DL21), were drilled to a depth of 3 feet bgs, except DL15, which was omitted at the client's request. Millennium described the upper five feet as Silty Sand (SM) followed by Clay with coarse gravel (CL) down to approximately 15 feet bgs.

3.0 FIELD ACTIVITIES

3.1 Pre-Field Activities

Prior to initiating field work, the investigation area was marked and DigAlert® (Underground Service Alert of Southern California or USA/SC) was notified at least 72 hours prior to initiation of intrusive field tasks. A Geophysical survey of each location was performed ahead of boring. Due to the shallow nature of the proposed borings, permits were not necessary.

However, according to the County of Los Angeles, a work plan approval is necessary. Therefore, Millennium submitted a work plan approval form to the County of Los Angeles Public Health. The work plan was accepted, and the permit (SR0375708) was issued. The on-Site staff, students, and workers were notified at least 72 hours prior to commencing PEA-E sampling activities at the Site. The Plant Manager, Mr. Jose Trujillo, was notified prior to any Site visit.

A Site-specific health and safety plan (HASP) was prepared by the selected sampling contractor pursuant to 29 CFR 1910.120. All on-Site activities were performed by individuals with appropriate training (CFR 1910.120), in accordance with the site-specific HASP. The HASP is intended to aid in the safe handling of soils potentially containing elevated levels of constituents of concern. It is designed to: (1) identify and describe potentially hazardous substances that may be encountered during field activities; (2) specify protective equipment for onsite activities; (3) specify personnel decontamination procedures; and (4) outline measures to be implemented in the event of an emergency. Field personnel and all subcontractors reviewed and were briefed about job health and safety measures and the contents of the HASP prior to commencing fieldwork each day.

3.2 Field Activities – Drilling and Soil Sampling Methods and Procedures

Millennium was on-site on June 13, June 14, June 17, November 26, and November 27, 2024, to collect samples as part of the site investigation. During these visits, samples were gathered from

designated locations following standard procedures. The samples collected were analyzed to evaluate site conditions and support the overall assessment process.

Under the observation of a Millennium representative Millenium Environmental, Inc. utilized hand auguring methods and Geoprobe rig 7822 DT to advance nineteen soil borings (SB1–SB20, SB14 was omitted at the client’s request) to a depth of 5 feet bgs, twenty drip line locations (DL1– DL21, DL 15 was not drilled) to a depth of 3 feet bgs, three primary source location (PS2, PS3, and PS5), and twelve soil vapor locations (VP1 – VP13, not including VP-7) to a depth of approximately 16 feet bgs at the Site from June 12 to June 14 and November 26 to November 27, 2024. Direct push with a drill bit size of 2.25 inches was chosen as the method for drilling, and continuous soil samples were collected in disposable polyethylene liners inserted into the steel probe rods at each interval. The liners preserved soil sample integrity and prevented sample cross-contamination. Liners containing soil samples were split vertically upon recovery; the recovered soil was measured, examined, and classified based on American Society for Testing and Materials (ASTM) D2488 at the Site. Millenium Environmental, Inc. assumed that VP locations would require coring through either asphalt or concrete. Each soil vapor well location was completed with a 6-inch permanent well box. The respective information was entered in soil boring logs (Appendix B).

Table 3.1- Samples and Soil Analysis Methods

Boring ID	Sample ID	Analysis
SB1	SB1-1 SB1-3	Volatile Organics by GC/MS (Environmental Protection Agency [EPA] 8260B), Semi-Volatile Organics (EPA 8270C), Pesticides (EPA 8081A), PCBs (EPA 8082), Metals (EPA 6010B, EPA 6020, and EPA 7471A), TPH (EPA 8015B), Hexavalent Chromium by Ion Chromatography (EPA 7199), Asbestos by PLM (EPA 600/R-93-116).
SB2	SB2-1 SB2-3	
SB3	SB3-1 SB3-3	
SB4	SB4-1 SB4-3 SB4-3 DUP	
SB5	SB5-1 SB5-3	Volatile Organics by GC/MS (EPA 8260B), Pesticides (EPA 8081A), PCBs (EPA 8082), Metals (EPA 6010B, EPA 6020, and EPA 7471A), TPH (EPA 8015B), Hexavalent Chromium by Ion Chromatography (EPA 7199), Asbestos by PLM (EPA 600/R-93-116).
SB6	SB6-1 SB6-3	
SB7	SB7-1 SB7-3	
SB8	SB8-1 SB8-1 DUP SB8-3	
SB9	SB9-1 SB9-3	
SB10	SB10-1 SB10-1 DUP SB10-3	
SB11	SB11-1	
SB12	SB12-1 SB12-3	
SB13	SB13-1 SB13-3	Volatile Organics by GC/MS (EPA 8260B), Semi-Volatile Organics (EPA 8270C), Pesticides (EPA 8081A), PCBs (EPA 8082), Metals (EPA 6010B, EPA 6020, and EPA

Boring ID	Sample ID	Analysis
		7471A), TPH (EPA 8015B), Hexavalent Chromium by Ion Chromatography (EPA 7199), Asbestos by PLM (EPA 600/R-93-116).
SB15	SB15-1 SB15-3	Volatile Organics by GC/MS (EPA 8260B), Pesticides (EPA 8081A), PCBs (EPA 8082), Metals (EPA 6010B, EPA 6020, and EPA 7471A), TPH (EPA 8015B), Hexavalent Chromium by Ion Chromatography (EPA 7199), Asbestos by PLM (EPA 600/R-93-116).
SB16	SB16-1 SB16-3	
SB17	SB17-1 SB17-3 SB17-3 DUP	
SB18	SB18-1 SB18-3	
SB19	SB19-1 SB19-3	
SB20	SB20-1 SB20-3	
PS2	PS2-1 PS2-5 PS2-10 PS2-15	Volatile Organics by GC/MS (EPA 8260B), Semi-Volatile Organics (EPA 8270C), Pesticides (EPA 8081A), PCBs (EPA 8082), Metals (EPA 6010B, EPA 6020, and EPA 7471A), TPH (EPA 8015B), Hexavalent Chromium by Ion Chromatography (EPA 7199), Asbestos by PLM (EPA 600/R-93-116).
PS3	PS3-1 PS3-5 PS3-10 PS3-15	
PS5	PS5-1 PS5-5 PS5-10 PS5-15	
VP10	VP10-1 (Soil) VP10-5 (Soil) VP10-10 (Soil) VP10-15 (Soil)	
DL1	DL1-1 DL1-3	Arsenic (EPA 60020), Lead (EPA 6010B), Pesticides (EPA 8081A), PCBs (EPA 8082), Hexavalent Chromium by Ion Chromatography (EPA 7199), PCBs (EPA 8082), Asbestos by PLM (EPA 600/R-93-116), Asbestos by PLM (EPA 600/R-93-116). Volatile Organics by GC/MS (EPA 8260B) Soil
DL2	DL2-1 DL2-3	
DL3	DL3-1 DL3-3	
DL4	DL4-1 DL4-3	
DL5	DL5-1 DL5-1 DUP DL5-3	
DL6	DL6-1 DL6-3	
DL7	DL7-1 DL7-3 DL7-3 DUP	
DL8	DL8-1 DL8-3	
DL9	DL9-1 DL9-3	
DL10	DL10-1 DL10-3	
DL11	DL11-1 DL11-3	
DL12	DL12-1 DL12-3	
DL13	DL13-1 DL13-3	
DL14	DL14-1 DL14-3	

Boring ID	Sample ID	Analysis
	DL14-3 DUP	
DL16	DL16-1 DL16-3	
DL17	DL17-1 DL17-3	
DL18	DL18-1 DL18-3 DL18-3 DUP	
DL19	DL19-1 DL19-3	
DL20	DL20-1 DL20-1 DUP DL20-3	
DL21	DL21-1 DL21-3	
VP1	VP1-5 VP1-15 VP1-15 DUP	Volatile Organics by GC/MS (EPA 8260B) Soil
VP2	VP2-5 VP2-15	
VP3	VP3-5 VP3-15	
VP4	VP4-5 VP4-5 DUP VP4-15 VP4-15 REP	
VP5	VP5-5 VP5-15	
VP6	VP6-5 VP6-5 REP VP6-15	
VP8	VP8-5 VP8-15	
VP9	VP9-5 VP9-15	
VP10	VP10-5 (Vapor) VP10-15 (Vapor)	
VP11	VP11-5 VP11-13	
VP12	VP12-5 VP12-5 REP VP12-13	
VP13	VP13-5 VP13-15	

*Notes – Sample ID indicates depth; SB1-3 is location 1 depth 3 feet bgs. DUP indicates duplicate and REP indicates representative.

The following Quality Assurance/Quality Control (QA/QC) procedures were followed during sampling and analysis:

- In accordance with PEA-E guidance, duplicate soil samples were collected and analyzed at a frequency of approximately 10 percent of the primary samples. The duplicate soil samples were analyzed for the same parameters as the primary samples.
- Equipment blank samples were collected daily for each type of sampling equipment and analyzed for the same parameters as the soil samples being analyzed on that day.
- Trip blank samples were included in each cooler with shipment of samples for VOC analysis.

- Samples were transferred under chain-of-custody control and were subject to the laboratory's conventional QA/QC analytical procedures, including method blanks, laboratory control samples, and sample duplicate analyses.

Soil samples were placed in jars; based on the sampling program, some samples were placed "on hold." This sampling rationale was developed to obtain a general assessment of soil conditions at the Site and allow for depth-specific follow-up analysis. Soil samples were transported in two coolers on ice to Enthalpy Analytical. No visual/olfactory evidence of contamination (i.e., staining and sheen) was recorded during soil sampling collection.

Soil Vapor samples were analyzed onsite using mobile laboratory Jones Environmental, Inc. by a modified Environmental Protection Agency (EPA) Method 8260B. The soil vapor sampling shall include 10% duplicates for EPA Method 8260B by Jones Environmental, Inc., and 2 Summa canister samples for quality assurance were analyzed by EPA Method TO-15 at Enthalpy Analytical Laboratory.

As expected, groundwater was not encountered during the drilling and sampling; local groundwater is estimated to be between 40 and 45 feet bgs. Borings, sample intervals, and identifications are summarized in Table 3.1 above.

4.0 RESULTS

4.1 Soil Analytical Results

A total of one hundred and two soil samples were collected across 43 borings were analyzed per Table 3.1.

The Site will continue to be used for the LAUSD, and the safety of students, faculty, and staff will be considered during any construction and/or renovations. Therefore, Millennium has compared the soil analytical results from this investigation to the EPA Regional Screening Levels (Residential Soils) (RSLs) and the DTSC Screening level for Residential Soil, and the Southern California Ambient Arsenic Screening Level (DTSC, 2020). 2 :

1. Background Concentrations of Trace and Major Elements in California Soils, Kearney Foundation of Soil Science (March 1996)
2. US Environmental Protection Agency Regional Screening Levels (Residential Soils): Cancer Risk RSL
3. Department of Toxic Substance Control (DTSC) Screening level for Residential Soil: Cancer Endpoint

4.1.1 TPHs, OCPs, PCBS, PAHs, and VOCs

Total petroleum hydrocarbons (TPH), organochlorine pesticides, polychlorinated biphenyls (PCB), polynuclear aromatic hydrocarbons (PAH), and volatile organic compounds (VOCs) concentrations for the soil samples were predominantly non-detect except for TPH-mo in sample SB3-3 (66 mg/kg), PS2-1 (43 mg/kg), and PS2-5 (20 mg/kg), which are all well below the EPA RSL of 2,400 mg/kg. Benzene was detected in four soil samples—VP10-15, VP5-15, VP6-15, and PS5-15—with concentrations of 3.9 µg/kg, 6.9 µg/kg, 5.7 µg/kg, and 4.1 µg/kg, respectively. All detected concentrations are below both the DTSC screening level for residential soil (cancer endpoint) and the EPA residential cancer risk RSL, which are each set at 330 µg/kg. Vapor samples that exceeded the benzene RSLs are discussed further below.

4.1.2 Title 22 Metals

The concentrations of arsenic were generally within the acceptable ranges of the established background level, ranging from 2.1 to 11 mg/kg (Kearney, 1996). The arsenic results of the discrete soil samples ranged from 1.4 to 10 mg/kg.

Lead was detected in every sample in which it was analyzed. Concentrations ranged from 1.9 mg/kg (SB17-1 and SB18-1) to 46 mg/kg (DL12-3), with the exception of DL5-1 DUP, which initially reported a concentration of 100 mg/kg—exceeding the RSL of 80 mg/kg. However, reanalysis of the duplicate sample yielded a concentration of 50 mg/kg, and the corresponding primary sample (DL5-1) had a concentration of only 32 mg/kg. Given that both the primary sample and the reanalysis of the duplicate were below the RSL, the original exceedance is likely an outlier and not representative of lead concentrations at the Site.

Hexavalent chromium concentrations in soil samples ranged from 0.41 mg/kg (PS5-10) to 0.78 mg/kg (DL7-1), all of which are below the updated RSL of 0.95 mg/kg. Therefore, all detected concentrations were within acceptable limits.

4.1.3 Pesticide Analytical Results

A total of five shallow soil samples were analyzed for pesticides across the site.

Chlordane (Technical) was detected in seven samples DL6-3, DL7-3, DL10-1, DL12-3, DL13-1, PS2-1, and PS3-1 while 4,4'-DDE concentrations were only detected in sample DL13-1 and PS3-1. All concentrations were below the EPA Regional Screening Levels of 1.7 mg/kg and 2.0 mg/kg, respectively. Most of the samples did not have any measurable concentrations and of those samples that had measurable concentrations most were below the RSLs.

4.1.4 Asbestos

Asbestos was tested in 36 samples by Polarized Light Microscopy (PLM) across 24 borings; however, asbestos was not detected in any of the samples, which included DL, SP, SB borings, and VP10 soils.

4.2 Soil Vapor Analytical Results

A total of 29 soil vapor samples were collected across 13 locations including REP and DUP samples.

Benzene concentrations in nine samples VP1-15, VP2-15, VP3-5, VP3-15, VP5-5, VP6-5, VP6-5 REP, VP13-5, and VP13-15 are over EPA regional screening levels. A maximum of 43 $\mu\text{g}/\text{m}^3$ was observed in sample VP13-15.

Tetrachloroethene (PCE) concentrations in 16 samples VP1-5, VP2-5, VP3-15, VP4-5, VP4-15, VP4-15 REP, VP5-5, VP5-15, VP6-15, VP8-15, VP9-5, VP9-15, VP10-15, VP11-13, VP12-5, and VP13-15 are above the DTSC Screening levels of 15 $\mu\text{g}/\text{m}^3$; however, the values are all below the EPA RSL of 360 $\mu\text{g}/\text{m}^3$. A maximum of 75 $\mu\text{g}/\text{m}^3$ was observed in sample VP10-15. Since PCE was detected above DTSC screening levels, PCE is identified as a COPC and will be further evaluated with a risk assessment.

Carbon Disulfide, Chloroform, Cyclohexane, Ethyl Acetate, Ethylbenzene, Freon 11, Freon 12, 4-isopropyltoluene, Naphthalene, n-Propyl benzene, Styrene, Toluene, 1,2,4-Trimethylbenzene, 1,1,1-Trichloroethane, Trichloroethene (TCE), 1,3,5-Trimethylbenzene, m,p-Xylene, and o-Xylene were detected in trace amounts in at least one vapor sample, but all these concentrations are below EPA and DTSC RLSs for soil vapor.

In summary, benzene and PCE are identified as COPCs and will be further evaluated in a risk assessment for a residential exposure scenario.

The Laboratory analytical reports are included in Appendix A.

5.0 Risk Assessment

The following section discusses the human health risk assessment for the constituents that exceeded screening criteria.

5.1 Soil Vapor Risk Calculations

Millennium has been directed by LAUSD to utilize the California Department of Toxic Substances Control (DTSC) Johnson & Ettinger (J&E) Model to estimate the risk associated with volatile organic compounds detected in the soil vapor beneath the Site. Millennium used the current versions of DTSC spreadsheet model, dated October 2024.

The J&E model simulates the transport of VOC vapors from a subsurface source (e.g., groundwater or soil gas) into indoor air through diffusion and advection. It assumes steady-state conditions and provides an attenuation factor (α), which represents the ratio of indoor air concentration to the source concentration. The model can be used in two modes:

- Forward calculation: Estimates indoor air concentration and risk from a known source concentration.
- Reverse calculation: Determines an acceptable source concentration based on a target risk level.

For PCE, a known carcinogen and neurotoxicant, Millennium focused on both cancer risk and non-cancer hazards, using health-based thresholds from regulatory sources of the DTSC and U.S. EPA.

The DTSC has released this version of JE Model spreadsheet for practitioners working on vapor-forming chemical (VFC) release sites in California. The DTSC recommends a multiple-lines-of-evidence (LOE) approach to evaluate the vapor intrusion (VI) pathway (DTSC, 2011; USEPA, 2015; CalEPA, 2023). Mathematical modeling, such as the appropriate application of the JE Model, should not be the sole LOE to assess the VI pathway but may be used in conjunction with other LOEs when interpreting investigation data, assessing potential health risk, and making risk management decisions. This DTSC-modified JE Model spreadsheet and accompanying User's Guide are not regulation or policy. The spreadsheet equations, model parameter values, instructions, and User's Guide describe an approach for using the JE Model as one of the lines of evidence for evaluating the vapor intrusion pathway, but not to the exclusion of alternate methodologies. These materials do not supersede or implement laws or regulations and are not binding on DTSC staff or on stakeholders and other members of the public.

Millennium utilized the J&E model for PCE and Benzene, using the following site-specific and chemical-specific inputs. Below are the critical parameters, with PCE-specific values where applicable:

Chemical-Specific Parameters for PCE

- Henry's Law Constant (H): Dimensionless value for PCE ≈ 0.72 at 25°C (EPA data). This governs partitioning from groundwater to vapor phase.
- Diffusion Coefficient in Air (D_a): $\approx 0.078 \text{ cm}^2/\text{s}$ for PCE.
- Diffusion Coefficient in Water (D_x): $\approx 9.2 \times 10^{-6} \text{ cm}^2/\text{s}$ for PCE.
- Toxicity Values (EPA Integrated Risk Information System [IRIS], 2012):
- Inhalation Unit Risk (IUR): 2.6×10^{-7} per $\mu\text{g}/\text{m}^3$ (cancer risk).
- Reference Concentration (RfC): $0.04 \text{ mg}/\text{m}^3$ ($40 \text{ }\mu\text{g}/\text{m}^3$) for non-cancer effects (neurotoxicity).

Chemical-Specific Parameters for Benzene

- Henry's Law Constant (H): Dimensionless value for Benzene ≈ 0.152 at 15°C (EPA data). This governs partitioning from groundwater to vapor phase.
- Diffusion Coefficient in Air (D_a): $\approx 0.085 \text{ cm}^2/\text{s}$ for Benzene.
- Diffusion Coefficient in Water (D_x): $\approx 1.66 \times 10^{-5} \text{ cm}^2/\text{s}$ for Benzene.
- Toxicity Values (EPA IRIS, 2012):
- Inhalation Unit Risk (IUR): 7.8×10^{-6} per $\mu\text{g}/\text{m}^3$ (cancer risk).
- Reference Concentration (RfC): $0.003 \text{ mg}/\text{m}^3$ for non-cancer effects (neurotoxicity).

Site-Specific Parameters

These are based school scenario and Site- specific:

- Source Depth (L_s): Distance from source (e.g., groundwater table) to foundation (e.g., 200 cm for shallow groundwater).
- Building Ventilation Rate (Q_x/Q_y): Ratio of soil gas entry rate to building air exchange rate (e.g., 0.01–0.1, literature range).
- Foundation Type: Slab-on-grade (common default), with slab thickness (L_{xxxx}) $\approx 10 \text{ cm}$.
- Soil Type: Sandy loam (default), with effective diffusivity (D_{xxx})** adjusted based on porosity and moisture content.
- Building Air Exchange Rate (ER): 0.5 exchanges/hour (residential default).
- Exposure Parameters:
- Exposure duration: 8 years (residential).
- Exposure frequency: 220 days/year.
- Averaging time: 72 years (lifetime cancer risk).

Source Concentration

Max. Soil Gas Concentration (C_{PCE}): $75 \text{ ug}/\text{m}^3$

Max. Soil Gas Concentration (C_{benzene}): $43 \text{ ug}/\text{m}^3$

Model Results

The results of the J&E modeling for PCE estimates that the predicted vapor concentration of PCE in indoor air is $1.4 \times 10^{-2} \text{ ug}/\text{m}^3$, which is significantly below the residential risk number for PCE.

The results of the J&E modeling for Benzene estimates that the predicted vapor concentration of Benzene in indoor air is $1.4 \times 10^{-2} \text{ ug}/\text{m}^3$, which is significantly below the residential risk number for Benzene.

5.2 Calculation of Site-Specific Screening Levels for Hexavalent Chromium

Millennium has calculated a site-specific screening level (SSCL) for potential exposure to hexavalent chromium (CrVI) in soil. This section was prepared at the direction of Los Angeles Unified School District (LAUSD). This SSCL supports the soil sampling and evaluation of South Coast Air Quality Management District (SCAQMD) Rule 1466 – Control of Particulate Emissions from Soils with Toxic Air Contaminants applicability. The SSCL for CrVI is calculated to be protective of potential exposure to soil containing CrVI after the completion of the planned construction. These SSCLs do not consider direct exposure of construction workers because that population is protected by worker health and safety rules.

As presented below, the SSCLs are calculated using conservative industry standard approaches published by United States Environmental Protection Agency (USEPA) and the California Department of Toxic Substances Control (DTSC) and inputs that are described herein.

This Risk Assessment section is prepared in support of calculated site-specific risk-based screening levels for CrVI. This screening levels have been calculated to be representative of the potential receptor populations and associated exposures at Fairfax High School in Los Angeles, CA.

This report: has been prepared for LAUSD and may only be used and relied on by LAUSD for the purpose as outlined above. The opinions, conclusions and any recommendations in this report are based on:

- conditions encountered and information reviewed at the date of preparation of the report and on assumptions made by Millennium described in this report;
- on the basis of information or data provided by LAUSD and/or others who provided information to Millennium (including Government authorities and/or stakeholder engagements)], which Millennium has not independently verified or checked beyond the agreed scope of work; and
- the particular site conditions, e.g., the location of buildings, utilities, vegetation, at the portions of the site evaluated.

Millennium has no responsibility or obligation to update this report to account for events or changes occurring after the date that the report was prepared, or as further information or data becomes available. Millennium disclaims liability arising from any of the assumptions in this report being incorrect, in connection with unverified information provided by others, and responsibility to any person other than LAUSD arising in connection with this report. Millennium also excludes implied warranties and conditions, to the extent legally permissible.

The section outlines the current and potential future receptor populations that could be exposed to CrVI in soil. Soil samples from the Site are currently located beneath pavement. As described in the

Soil Sampling Memo, the samples were collected in construction areas where there are planned ADA modifications that will include removal of the existing pavement, cutting and grading of soil, and new pavement. Current and potential future receptor populations that may be exposed to soil containing CrVI after construction activities are complete include the following:

- High School Students
- Workers/Staff

Students and Workers/Staff, currently the largest and most common receptor populations at the school, work primarily inside the buildings and also have the ability to spend some time outdoors. During time outdoors, they could be exposed to surface soil in unpaved or uncovered areas. Potential routes of exposure to surface soil would include incidental ingestion, dermal contact, and inhalation of airborne particulates. CrVI is not volatile; therefore, inhalation of soil-derived vapors was not considered.

SSCLs were calculated using the USEPA Regional Screening Level (RSL) calculator (dated May 2024; accessed June 26, 2024). The inputs used in this calculator are described in the following sections. The calculations for potential Student exposures used the generic “resident” calculation in the RSL calculator with the below identified exposure factors. The calculations for the potential Worker/Staff exposures used the generic “composite worker” calculation in the RSL calculator with the below identified exposure factors.

The fate and transport of vapors and particulates was calculated using USEPA’s particulate emission factor (PEF) and volatilization factor (VF) terms in the RSL calculator. Both of these terms were calculated using the climatic zone for Los Angeles, California.

The exposure factors for evaluating the exposure scenarios summarized in the conceptual site model (CSM) for potential human exposure are discussed further in this section. Standard default exposure factors recommended by USEPA for estimating reasonable maximum exposure (RME) are used where available and appropriate for the exposure scenarios. Where standard default exposure factors are not available or appropriate for an exposure scenario, similarly conservative exposure factors are developed based on site-specific considerations and professional judgment.

Students and Workers/Staff will not be able to access active construction areas. Therefore, only future exposure after construction activities are complete are considered when selecting exposure factors. The exposure factors used for Student and Worker/Staff exposures are summarized the table below.

Several receptors (e.g., construction workers and landscapers) may also be in contact with soils and/or dust generated during construction activities. However, given the limited exposure duration and frequency of these receptors, their exposure may be considered de minimis relative to Students and full-time Workers/Staff at the Site.

Students

Students, which are limited to Grade 9th through Grade 12th (or up to four years), where 9th graders are often at least 14 years old, could be exposed to soil and soil-derived dust outdoors or indoors. Potential exposure of Students to shallow soil is conservatively evaluated using the standard default exposure factors for a resident that USEPA (2014) and DTSC recommend (DTSC, 2019b) for estimating RME, except as described below. According to USEPA (1992), the standard default exposure factors are conservative assumptions about the magnitude, frequency, and duration of exposures, which, in combination, are intended to provide estimates of exposures that are higher than actual exposures to a large portion (90% to 98%) of a potentially exposed population.

The incidental soil ingestion rate of 100 mg/day is the default value for a residential adult, which is aged 6 to 26 years, from DTSC and USEPA (DTSC, 2019b; USEPA, 1991). The exposed skin area of 3,900 cm² is calculated for the face, forearms, lower legs, and hands of adolescents aged 14 to 18 years using the mean values for body surface area from USEPA (2004; 2011). The soil-to-skin adherence

Exposure Parameter	Units	Default/ Site-Specific	Input Value	Reference
Skin Adherence Factor (AF)	mg/cm ²	Default	0.07	USEPA (2002); DTSC (2019)
Body Weight (BW)	kg	Site-specific	50.6	USEPA (2011)
Exposure Duration (ED)	years	Site-specific	4	Professional judgement
Exposure Frequency (EF)	days/year	Site-specific	210	Professional judgement
Exposure Time (ET)	hours/day	Site-specific	8	Professional judgement
Target Hazard Quotient (THQ)	(unitless)	Default	1	DTSC (2022)
Soil Intake Rate (IRS)	mg/day	Default	100	USEPA (1991); DTSC (2019)
Skin Surface Area (SA)	cm ² /day	Site-specific	3,900	USEPA (2004; 2011)
Target Risk (TR)	(unitless)	Default	1E-06	DTSC (2022)
Skin Adherence Factor (AF)	mg/cm ²	Default	0.07	DTSC (2019); USEPA (2002)
Body Weight (BW)	kg	Site-specific	80	DTSC (2019); USEPA (2011)
Exposure Duration (ED)	years	Site-specific	25	DTSC (2019); USEPA (1991)
Exposure Frequency (EF)	days/year	Site-specific	250	DTSC (2019); USEPA (1991)
Exposure Time (ET)	hours/day	Site-specific	8	DTSC (2019); USEPA (2024)
Target Hazard Quotient (THQ)	(unitless)	Default	1	DTSC (2022)
Soil Intake Rate (IRS)	mg/day	Default	100	DTSC (2019); USEPA (1991)
Skin Surface Area (SA)	cm ² /day	Site-specific	6,032	DTSC (2019)
Target Risk (TR)	(unitless)	Default	1E-06	DTSC (2022)

factor of 0.07 mg/cm² is the adherence factor used for adult residents from DTSC and USEPA for evaluating high-end contact with soil (USEPA, 2002)(DTSC, 2019).

The exposure duration (ED) for Students should be four (4) years based on the grades taught. However, these calculations conservatively assumed five (5) years to account for potential repeats or if the number of grades taught at Fairfax High School was to expand in the future. The exposure

frequency (EF) was assumed to be 210 days/year, based on 180 days of instruction at Fairfax High School (based on the 2024-2025 school calendar) and conservatively including 30 additional days to account for summer school.

The body weight (BW) of 50.6 kg represents the mean body weight of 11 to <16-year-old and 71.6 kg represents the mean body weight of 16 to <21-year-old from Table 8-1 of USEPA, 2011. Assuming High school-aged Students aged approximately 14-18 years, Millennium has averaged the two BW for both age ranges and will use 61.1 kg of BW.

Workers/Staff

Workers/Staff, which can include teachers, administrators, maintenance, or custodial workers, could be exposed to soil and soil-derived dust outdoors or indoors. Potential exposure of Workers/Staff to shallow soil is conservatively evaluated using the standard default exposure factors that USEPA (2014) and DTSC recommend (DTSC, 2019b) for estimating RME. According to USEPA, the standard default exposure factors are conservative assumptions about the magnitude, frequency, and duration of exposures, which, in combination, are intended to provide estimates of exposures that are higher than actual exposures to a large portion (90% to 99%) of a potentially exposed population.

For this receptor, the exposure factors used are default values for adult workers, except for the incidental soil ingestion rate, which is conservatively used the adult residential rate. A summary of the exposure parameters with references are in Table 1.

A toxicity assessment identifies potential adverse health effects that are associated with exposure to chemicals and determines the dose-response relationship between exposure and the occurrence of adverse effects. The toxicity values used in this calculation are the generic default values from USEPA RSL tables, which generally follow USEPA's hierarchy of sources from Office of Solid Waste and Emergency Response (OSWER) Directive 9285.7-53 (USEPA, 2003), with one exception. Instead of using the unit risk factor from the RSLs, the DTSC Human Health Risk Assessment (HHRA) Note Number 10 value of 1.5×10^{-1} ($\mu\text{g}/\text{m}^3$)-1 was used consistent with the Toxicity Criteria for Human Health Risk Assessments, Screening Levels, and Remediation Goals rule; Title 22, California Code of Regulations, sections 68400.5, 69020-69022 (effective date September 4, 2018). The remaining toxicity values from the RSLs are also the same as those in Table 1 of DTSC HHRA Note Number 10 (DTSC, 2019a). Toxicity values utilized are shown in Attachments A and B.

Physical/Chemical Parameters

The physical and chemical parameters used in this calculation are the generic default values in USEPA RSL calculator, which are not necessarily consistent with those recommended based on USEPA's hierarchy from the Soil Screening Guidance (USEPA, 1996). Physical and chemical parameters utilized are shown in Attachments A and B. There is no default dermal absorption value (ABS) for CrVI

presented in Risk Assessment Guidance for Superfund (RAGS)-E (USEPA, 2004); therefore, dermal exposure to CrVI was unable to be calculated.

Risk Characterization

A target hazard quotient of 1 and target risk of 10^{-6} were used to calculate the SSCLs. These values were conservatively used in accordance with DTSC Human Health Risk Assessment (HHRA) Note Number 3 (DTSC, 2022).

Exposure Factors

Most of the individual default exposure factors used to calculate the SSCL are high-end (i.e., 90th to 95th percentile) estimates of the magnitude, frequency, and duration of potential exposures. When several such high-end factors are multiplied, the resulting estimates of dose will be higher than the 90th percentile of the distribution of exposures in the potentially exposed population and could be higher than the exposure to the maximally exposed individual.

Also, the use of generic default exposure factors for evaluation of potential exposure of staff to soil is conservative and may overestimate RME assumed in calculating the SSCLs. For example, an exposure frequency of 250 days/year was utilized for the staff SSCL, which assumes a 5-day work week and only two weeks off per year (50 weeks total). However, school closures (holidays and summer), in addition to sick or vacation time, typically result in fewer than 250 days of exposure per year. This likely overestimates the exposure frequency at the Site and thus results in a lower (more conservative) SSCL than is necessary to be protective.

The incidental ingestion rate of 100 mg/day soil is USEPA's generic default value for residential exposure for adults. This value is considered protective of incidental ingestion of outdoor soil and soil-derived dust indoors. For staff, this value is twice the generic rate USEPA uses for indoor workers, but is conservatively used here.

Toxicity Values

Cancer slope factors (SFs) and unit risk factors (URFs) represent 95% upper confidence bounds on the probability of getting cancer over a lifetime per unit dose. As recognized by USEPA, there is significant scientific evidence that some of the SFs and URFs may be overly conservative and may ignore the potential existence of threshold doses. Nonetheless, they are used here as conservative assessment tools. Further, the URF used from DTSC ($1.5 \times 10^{-1} \text{ } [\mu\text{g}/\text{m}^3]^{-1}$) is nearly two times more restrictive than the generic default value of $8.42 \times 10^{-2} \text{ } (\mu\text{g}/\text{m}^3)^{-1}$ in the RSLs and over ten times (10x) more restrictive than USEPA's recommended value from IRIS ($1.2 \times 10^{-2} \text{ } [\mu\text{g}/\text{m}^3]^{-1}$). This results in SSCLs that are more conservative that would be calculated for identical exposures at sites not located in California.

Calculated SSCLs

The calculated SSCLs for potential Student and Worker/Staff exposures are presented in Attachment A and Attachment B, respectively. As shown in these attachments, which include the inputs and outputs from the RSL calculator, the SSCLs for potential Student and Worker/Staff exposure are 10.3 mg/kg and 6.5 mg/kg, respectively. The lower of these levels (6.5 mg/kg) is conservatively used as the Final SSCL for CrVI in soil at Fairfax High School.

6.0 RECOMMENDATIONS

The results of the field investigation and laboratory analysis shows that all soil sample results are below the EPA and DTSC Screening Levels and no COPCs were identified for soil. Both benzene and PCE were identified as a COPC for soil vapor since the maximum detected concentrations in soil vapor were above DTSC Screening Levels. As a result, the maximum detected concentration for benzene and PCE were further evaluated with the recently released Johnson & Ettinger Model (DTSC, 2024). The results of the screening health risk assessment indicate that the maximum detected concentrations of benzene and PCE are below residential soil vapor screening levels and are therefore not considered COPCs. The only anomaly identified in the PEA is that the lead concentrations at DL-5 at 1-foot bgs in the primary and duplicate sample were 32 mg/kg and 100 mg/kg, respectively. The 100 mg/kg lead concentration detected in the duplicate sample is above the lead screening level of 80 mg/kg. Millennium recommends a minor soil cleanup (or "Housekeeping") at DL-5 prior to any soil grading at this location. As part of any site demolition and related earth-disturbing activities, Millennium offers the following recommendations:

- Implementation of appropriate soil management procedures and construction work practices, including dust control, air monitoring, appropriate Personal Protective Equipment (PPE).
- Preparation of a soil management plan and a site-specific health and safety plan for construction and demolition activities.

Millennium recommends no further investigation regarding detected contamination at the Site, as outlined above. The Site historical operations and soil sampling described in this report do not indicate the subject Site as the source of soil contamination. In the event that any suspected contaminated soil or suspicious objects such as piping, underground storage tanks, or structures are observed, or any unusual odor is detected during any construction, the contractor should inform the owner and an Environmental Consultant immediately.

7.0 REFERENCES

Alta Environmental (ALTA), SCAQMD Rule 1466 Soil Sampling and Testing, Fairfax High School, March 11, 2020.



Arsenic Strategies, Determination of Arsenic Remediation, Development of Arsenic Cleanup Goals by DTSC, 2009

Background Concentrations of Trace and Major Elements in California Soils, Kearney Foundation of Soil Science (March 1996)

Clark Seif Clark (CSC), Technical Memorandum – Methane Survey Report, Fairfax High School – Major Modernization Program, January 19, 2024.

Department of Toxic Substances Control (DTSC), Southern California Ambient Arsenic Screening Level, HHRA Note 11, December 28, 2020.

Division of Mines and Geology, Geologic Map of California, 201

HUMAN HEALTH RISK ASSESSMENT (HHRA) NOTE NUMBER 11 Southern California Ambient Arsenic Screening Level by DTSC, 2020

Interim Guidance, Evaluation of School Sites with Potential Soil Contamination as a Result of Lead from Lead-Based Paint, Organochlorine Pesticides from Termiticides, and Polychlorinated Biphenyls from Electrical Transformers by DTSC, 2006

Millennium Consulting Associates (Millennium), Phase I Environmental Site Assessment, Fairfax High School, January 28, 2022 (Revised March 4, 2022).

Preliminary Endangerment Assessment Guidance Manual by DTSC, 2015

San Francisco Bay Regional Water Quality Control Board, Direct Exposure Human health, Commercial Industrial: Shallow Soil Exposure: Cancer Risk ESL

San Francisco Bay Regional Water Quality Control Board, Direct Exposure Human health, Construction Worker: Any Land Use/ Any Soil Depth exposure- Cancer Risk ESL

South Coast Air Quality Management District (SCAQMD) Rule 1466 by SCAQMD, 2021

United States Geological Survey [USGS] Topographic Map, Beverly Hills, California, 2015

8.0 LIMITATIONS

The conclusions and recommendations contained in this report are based on professional opinions regarding the subject matter. These opinions have been arrived at using currently accepted environmental, hydrogeologic and engineering standards and practices applicable to this location.

Millennium obtained, reviewed, and evaluated available information used in this report from sources that were believed to be reliable. Millennium's conclusions, opinions, and recommendations are based in part on such information. Millennium's scope of services did not include verification of its accuracy or authenticity. Should the information upon which Millennium relied prove to be inaccurate or unreliable, Millennium reserves the right to amend or revise its conclusions, opinions, and/or recommendations. Millennium performed a reconnaissance and/or characterization of the Site that is the subject of this report to document current conditions. Millennium focused on areas deemed more likely to exhibit hazardous materials conditions. Contamination may exist in other areas of the Site that were not investigated or were inaccessible. Site activities beyond Millennium's control could change at any time after the completion of this report. For the foregoing reasons, Millennium cannot and does not warrant or guarantee that the Site is free of hazardous or potentially hazardous substances or conditions, or that latent or undiscovered conditions will not become evident in the future. Millennium's observations, conclusions, opinions, and recommendations can be considered valid only as of the date of the letter report.

This report has been prepared in accordance with the contract for services between Millennium and LAUSD and currently accepted industry standards. No other warranties, representations, or certifications are made. This report has been prepared for the exclusive use of LAUSD to address the consulting needs at the Site at this specific point in time.

If you have any questions, please call the undersigned at (925) 808-6700 ext. 215.

Respectfully submitted,
Millennium Consulting Associates,

Prepared by:

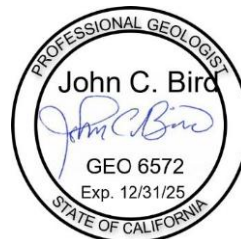


Alec McConnell
Associate Project Manager

Reviewed by:



John C. Bird, PG
Vice President of Environmental Engineering



TABLES

Table 1
Title 22 Metals & Hexavalent Chromium
Soil Sample Results (mg/kg)
Fairfax H.S., California
PROJECT #12060.2010

														US EPA RSLs	DTSC SLs
Analyte	SB1-1	SB1-3	SB2-1	SB2-3	SB3-1	SB3-3	SB4-1	SB4-3	SB4-3 DUP	SB5-1	SB5-3	SB6-1	SB6-3	EPA Regional Screening Levels (Residential soils) (mg/kg)	Screening Level For Residential Soil(mg/kg) Cancer/Non Cancer
Sample Date	6/13/24	6/13/24	6/13/24	6/13/24	6/13/24	6/13/24	6/13/24	6/13/24	6/13/24	6/14/24	6/14/24	6/14/24	6/14/24		
Hexavalent Chromium	ND	--	--	--	ND	--	--	--	--	0.51	--	--	--	0.95****	0.95****
Antimony	ND	ND	ND	ND	ND	ND	--	--	--	--	--	ND	ND	31	**
Arsenic	3.5	3.4	1.5	3.8	2	3.1	2.8	2.9	2.8	4.7	4.4	3.4	3.2	12***	12***
Barium	140	120	50	160	130	150	--	--	--	--	--	120	110	15,000	**
Beryllium	0.5	ND	ND	ND	0.52	0.51	--	--	--	--	--	0.7	0.7	160	**
Cadmium	ND	ND	ND	ND	ND	ND	--	--	--	--	--	ND	ND	71	910
Chromium (total)	60	60	19	63	59	62	--	--	--	--	--	62	62	**	**
Cobalt	18	17	8.2	19	18	18	--	--	--	--	--	18	19	23	**
Copper	29	24	10	39	24	27	--	--	--	--	--	31	28	3,100	**
Lead	3.3	2.8	2.3	8.8	4.7	3.1	3.6	3.4	3.4	17	11	37	16	80	80
Mercury	ND	ND	0.16	ND	ND	ND	--	--	--	--	--	ND	ND	11	1
Nickel	36	33	18	35	37	36	--	--	--	--	--	38	40	1,500	820
Selenium	ND	ND	ND	ND	ND	ND	--	--	--	--	--	ND	ND	390	**
Silver	ND	ND	ND	ND	ND	ND	--	--	--	--	--	ND	ND	390	**
Thallium	ND	ND	ND	ND	ND	ND	--	--	--	--	--	ND	ND	0.78	**
Vanadium	81	79	34	97	68	81	--	--	--	--	--	73	70	390	**
Zinc	61	51	27	85	45	56	--	--	--	--	--	91	100	23,000	**
Asbestos	--	--	--	--	--	--	--	--	--	--	--	--	--	**	**

Notes:

Soil results reported in milligrams per kilogram, unless otherized noted

ND = Non Detectable

-- = Not Analyzed for

-- = Not Applicable

US EPA RSL = 2021 US EPA Regional Screening Levels

= Exceeds EPA Screening Level For Residential Soil(mg/kg) Cancer/Non Cancer

(value) = Reanalyzed value

Bold = Exceeds DTSC Residential: Shallow Soil Exposure (mg/kg)

mg/kg = milligrams per kilogram

* = Background Concentrations By Kearney Foundation Special Report: Background Concentrations of Trace and Major Elements in California Soils

** = No regulatory limit

*** = DTSC 2020. Southern California Ambient Arsenic Screening Level. HHRA Note 11. December 28, 2020 changes arsenic screening levels in California to 12 mg/kg

**** = USEPA Regional Screening Level, Residential Soil Table, November 2024 changes hexavalent chromium screening levels to 0.95 mg/kg

Table 1
Title 22 Metals & Hexavalent Chromium
Soil Sample Results (mg/kg)
Fairfax H.S., California
PROJECT #12060.2010

																US EPA RSLs	DTSC SLs
Analyte	SB7-1	SB7-3	SB8-1	SB8-1 DUP	SB8-3	SB9-1	SB9-3	SB10-1	SB10-1 DUP	SB10-3	SB11-1	SB12-1	SB12-3	SB13-1	SB13-3	EPA Regional Screening Levels (Residential soils) (mg/kg)	Screening Level For Residential Soil(mg/kg) Cancer/Non Cancer
Sample Date	6/14/24	6/14/24	6/14/24	6/14/24	6/14/24	6/14/24	6/14/24	6/14/24	6/14/24	6/14/24	6/14/24	6/17/24	6/17/24	6/13/24	6/13/24		
Hexavalent Chromium	ND	--	--	--	--	0.76	--	--	--	--	ND	--	--	ND	--	0.95****	0.95****
Antimony	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	31	**
Arsenic	5.8	2.4	4	4.5	10	2.9	1.6	2.5	2.9	2.9	7.5	2.8	3.1	1.6	1.5	12***	12***
Barium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	15,000	**
Beryllium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	160	**
Cadmium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	71	910
Chromium(total)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**	**
Cobalt	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	23	**
Copper	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3,100	**
Lead	27	4.3	20	24	23	37	13	31	9.9	4.6	9.5	2.2	11	3.8	3.3	80	80
Mercury	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	11	1
Molybdenum	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	390	**
Nickel	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,500	820
Selenium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	390	**
Silver	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	390	**
Thallium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.78	**
Vanadium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	390	**
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	23,000	**
Asbestos	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**	**

Notes:
Soil results reported in milligrams per kilogram, unless otherized noted
ND = Non Detectable
-- = Not Analyzed for
~ = Not Applicable
US EPA RSL = 2021 US EPA Regional Screening Levels
(value) = Exceeds EPA Screening Level For Residential Soil(mg/kg) Cancer/Non Cancer
Bold = Reanalyzed value
mg/kg = Exceeds DTSC Residential: Shallow Soil Exposure (mg/kg)
* = milligrams per kilogram
* = Background Concentrations By Kearney Foundation Special Report: Background Concentrations of Trace and Major Elements in California Soils
** = No regulatory limit
*** = DTSC 2020. Southern California Ambient Arsenic Screening Level. HHRA Note 11. December 28, 2020 changes arsenic screening levels in California to 12 mg/kg
**** = USEPA Regional Screening Level, Residential Soil Table, November 2024 changes hexavalent chromium screening levels to 0.95 mg/kg

Table 1
Title 22 Metals & Hexavalent Chromium
Soil Sample Results (mg/kg)
Fairfax H.S., California
PROJECT #12060.2010

														US EPA RSLs	DTSC SLS
Analyte	DL1-1	DL1-3	DL2-1	DL2-3	DL3-1	DL3-3	DL4-1	DL4-3	DL5-1	DL5-1 DUP	DL5-3	DL6-1	DL6-3	EPA Regional Screening Levels (Residential soils) (mg/kg)	Screening Level For Residential Soil(mg/kg) Cancer/Non Cancer
Sample Date	6/17/24	6/17/24	6/13/24	6/13/24	6/14/24	6/14/24	6/13/24	6/13/24	6/13/24	6/13/24	6/13/24	6/14/24	6/14/24		
Hexavalent Chromium	0.49	---	---	ND	---	---	ND	---	---	---	---	---	---	0.95****	0.95****
Antimony	---	---	---	---	---	---	---	---	---	---	---	---	---	31	**
Arsenic	4.3	3.2	4.3	3.6	2.2	2.9	6.6	2.8	2.4	3.1	1.9	3.5	2.7	12***	12***
Barium	---	---	---	---	---	---	---	---	---	---	---	---	---	15,000	**
Beryllium	---	---	---	---	---	---	---	---	---	---	---	---	---	160	**
Cadmium	---	---	---	---	---	---	---	---	---	---	---	---	---	71	910
Chromium(total)	---	---	---	---	---	---	---	---	---	---	---	---	---	**	**
Cobalt	---	---	---	---	---	---	---	---	---	---	---	---	---	23	**
Copper	---	---	---	---	---	---	---	---	---	---	---	---	---	3,100	**
Lead	15	15	8.7	15	2.7	12	14	10	32 (17)	100 (50)	14	2.9	11	80	80
Mercury	---	---	---	---	---	---	---	---	---	---	---	---	---	11	1
Molybdenum	---	---	---	---	---	---	---	---	---	---	---	---	---	390	**
Nickel	---	---	---	---	---	---	---	---	---	---	---	---	---	1,500	820
Selenium	---	---	---	---	---	---	---	---	---	---	---	---	---	390	**
Silver	---	---	---	---	---	---	---	---	---	---	---	---	---	390	**
Thallium	---	---	---	---	---	---	---	---	---	---	---	---	---	0.78	**
Vanadium	---	---	---	---	---	---	---	---	---	---	---	---	---	390	**
Zinc	---	---	---	---	---	---	---	---	---	---	---	---	---	23,000	**
Asbestos	---	---	---	---	---	---	---	---	---	---	---	---	---	**	**

Notes:
Soil results reported in milligrams per kilogram, unless otherized noted
ND = Non Detectable
--- = Not Analyzed for
~~ = Not Applicable
US EPA RSL = 2021 US EPA Regional Screening Levels
= Exceeds EPA Screening Level For Residential Soil(mg/kg) Cancer/Non Cancer
= Lab re-digested and ran samples for Lead - sample DL5-1 shows Lead at 17 mg/kg . Sample DL5-1DUP shows Lead at 50 mg/kg. The difference in DUP results may be due to non-homogenous soil matrix.
(value) = Reanalyzed value
Bold = Exceeds DTSC Residential: Shallow Soil Exposure (mg/kg)
mg/kg = milligrams per kilogram
* = Background Concentrations By Kearney Foundation Special Report: Background Concentrations of Trace and Major Elements in California Soils
** = No regulatory limit
*** = DTSC 2020. Southern California Ambient Arsenic Screening Level. HHRA Note 11. December 28, 2020 changes arsenic screening levels in California to 12 mg/kg
**** = USEPA Regional Screening Level, Residential Soil Table, November 2024 changes hexavalent chromium screening levels to 0.95 mg/kg

[illegible]

Notes:	
Soil results reported in milligrams per kilogram, unless otherized noted	
ND	= Non Detectable
--	= Not Analyzed for
~~	= Not Applicable
US EPA RSL	= 2021 US EPA Regional Screening Levels
(value)	= Exceeds EPA Screening Level For Residential Soil(mg/kg) Cancer/Non Cancer
	= Reanalyzed value
Bold	= Exceeds DTSC Residential: Shallow Soil Exposure (mg/kg)
mg/kg	= milligrams per kilogram
*	= Background Concentrations By Kearney Foundation Special Report: Background Concentrations of Trace and Major Elements in California Soils
**	= No regulatory limit
***	= DTSC 2020. Southern California Ambient Arsenic Screening Level. HHRA Note 11. December 28, 2020 changes arsenic screening levels in California to 12 mg/kg
****	= USEPA Regional Screening Level, Residential Soil Table, November 2024 changes hexavalent chromium screening levels to 0.95 mg/kg

Table 1
Title 22 Metals & Hexavalent Chromium
Soil Sample Results (mg/kg)
Fairfax H.S., California
PROJECT #12060.2010

										US EPA RSLs	DTSC SLs
Analyte	DL20-1	DL20-1 DUP	DL20-3	DL21-1	DL21-3	PS5-1	PS5-5	PS5-10	PS5-15	EPA Regional Screening Levels (Residential soils) (mg/kg)	Screening Level For Residential Soil(mg/kg) Cancer/Non Cancer
Sample Date	6/13/24	6/13/24	6/13/24	6/13/24	6/13/24	6/13/24	6/13/24	6/13/24	6/13/24		
Hexavalent Chromium	--	--	--	ND	--	ND	ND	0.41	ND	0.95****	0.95****
Antimony	--	--	--	--	--	ND	ND	ND	ND	31	**
Arsenic	2.4	3.5	2.3	2.7	1.6	4.8	5.3	3.1	3.2	12***	12***
Barium	--	--	--	--	--	94	66	130	120	15,000	**
Beryllium	--	--	--	--	--	ND	ND	ND	ND	160	**
Cadmium	--	--	--	--	--	ND	ND	ND	ND	71	910
Chromium(total)	--	--	--	--	--	18	14	57	58	**	**
Cobalt	--	--	--	--	--	5.6	6.5	16	17	23	**
Copper	--	--	--	--	--	14	13	24	22	3,100	**
Lead	2.3	2.1	6.6	3.6	4.4	9.6	7.5	3.5	2.6	80	80
Mercury	--	--	--	--	--	ND	ND	ND	ND	11	1
Molybdenum	--	--	--	--	--	ND	ND	ND	ND	390	**
Nickel	--	--	--	--	--	14	11	32	30	1,500	820
Selenium	--	--	--	--	--	ND	ND	ND	ND	390	**
Silver	--	--	--	--	--	ND	ND	ND	ND	390	**
Thallium	--	--	--	--	--	ND	ND	ND	ND	0.78	**
Vanadium	--	--	--	--	--	31	27	73	91	390	**
Zinc	--	--	--	--	--	40	29	50	54	23,000	**
Asbestos	--	--	--	--	--	--	--	--	--	**	**

Notes:

Soil results reported in milligrams per kilogram, unless otherized noted

ND = Non Detectable

-- = Not Analyzed for

~~ = Not Applicable

US EPA RSL = 2021 US EPA Regional Screening Levels

(value) = Exceeds EPA Screening Level For Residential Soil(mg/kg) Cancer/Non Cancer

Bold = Reanalyzed value

mg/kg = Exceeds DTSC Residential: Shallow Soil Exposure (mg/kg)

* = milligrams per kilogram

** = Background Concentrations By Kearney Foundation Special Report: Background Concentrations of Trace and Major Elements in California Soils

*** = No regulatory limit

**** = DTSC 2020. Southern California Ambient Arsenic Screening Level. HHRA Note 11. December 28, 2020 changes arsenic screening levels in California to 12 mg/kg

***** = USEPA Regional Screening Level, Residential Soil Table, November 2024 changes hexavalent chromium screening levels to 0.95 mg/kg

Table 1
Title 22 Metals & Hexavalent Chromium
Soil Sample Results (mg/kg)
Fairfax H.S., California
PROJECT #12060.2010

													US EPA RSLs	DTSC SLs
Analyte	PS2-1	PS2-5	PS2-10	PS2-15	PS3-1	PS3-5	PS3-10	PS3-15	VP10-1	VP10-5	VP10-10	VP10-15	EPA Regional Screening Levels (Residential soils) (mg/kg)	Screening Level For Residential Soil(mg/kg) Cancer Endpoint
Sample Date	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024		
Hexavalent Chromium	ND	0.51	0.72	ND	ND	0.65	0.54	ND	ND	0.6	ND	ND	0.95****	0.95****
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	31	**
Arsenic	3	2	2.3	2.1	3.2	2.5	2.6	2.3	2.4	2.9	2.3	2	12***	12***
Barium	83	85	110	66	68	110	110	90	81	130	120	98	15,000	**
Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	**
Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	71	910
Chromium (total)	28	54	53	38	27	48	57	48	50	54	45	49	**	0.3
Cobalt	8.2	15	14	8	7.2	15	15	14	13	16	12	11	23	**
Copper	18	22	21	14	18	23	23	19	25	26	20	18	3,100	**
Lead	17	23	3.6	2.7	13	4	3.8	3.3	12	5.2	4	4	80	80
Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11	1
Molybdenum	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	390	**
Nickel	16	34	33	20	17	28	34	28	23	32	26	22	1,500	820
Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	390	**
Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	390	**
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.78	**
Vanadium	48	60	68	62	45	64	73	74	76	73	61	72	390	**
Zinc	49	49	39	34	43	47	44	42	54	56	42	49	23,000	**

Notes:
Soil results reported in milligrams per kilogram,
ND = Non Detectable
-- = Not Analyzed for
~~ = Not Applicable
US EPA RSL = 2021 US EPA Regional Screening Levels
= Exceeds EPA Screening Level For Residential Soil(mg/kg) Cancer/Non Cancer
(value) = Reanalyzed value
Bold = Exceeds DTSC Residential: Shallow Soil Exposure
mg/kg = milligrams per kilogram
* = By
** = No regulatory limit
*** = DTSC 2020, Southern California Ambient Arsenic Screening Level. HHRA Note 11. December 28, 2020 changes arsenic screening levels in California to 12 mg/kg
**** = USEPA Regional Screening Level, Residential Soil Table, November 2024 changes hexavalent chromium screening levels to 0.95 mg/kg

Table 2
Organochlorine Pesticides (OCPs)
Soil Sample Results (mg/Kg)
Fairfax H.S., California
PROJECT #12060.2010

														US EPA RSLs	DTSC SLs
Analyte	SB1-1	SB1-3	SB2-1	SB2-3	SB3-1	SB3-3	SB4-1	SB4-3	SB4-3 DUP	SB5-1	SB5-3	SB6-1	SB6-3	EPA Regional Screening Levels (Residential soils) (mg/kg)	Screening Level For Residential Soil(mg/kg) Cancer/Non Cancer
Sample Date	6/13/24	6/13/24	6/13/24	6/13/24	6/13/24	6/13/24	6/13/24	6/13/24	6/13/24	6/14/24	6/14/24	6/14/24	6/14/24		
a-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.086	--
b-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.30	--
c-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.57	--
d-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.30	--
g-BHC (Lindane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	--
Chlordane (Technical)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.7	1.7
a-Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	36	--
g-Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	36	--
p,p-DDD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.9	--
4,4'-DDE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.0	0.046
4,4'-DDT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.9	--
Dieldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.034	--
Endosulfan I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	--
Endosulfan II	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	--
Endosulfan sulfate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	380	--
Endrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	19	--
Endrin aldehyde	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	--
Endrin ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	--
Heptachlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.13	--
Heptachlor epoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.070	--
Methoxychlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	320	--
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.49	--

Notes:

Soil results reported in milligrams per kilogram, unless otherized noted

ND

= Non Detectable

--

= Not Analyzed for

= Not Applicable

US EPA RSL

= 2021 US EPA Regional Screening Levels

= Exceeds EPA Screening Level For Residential Soil(mg/kg) Cancer/Non Cancer

= Exceeds DTSC Residential: Shallow Soil Exposure (mg/kg)

µg/kg = micrograms per kilogram

* = Background Concentrations By Kearney Foundation Special Report: Background Concentrations of Trace and Major Elements in California Soils

** = No regulatory limit

Table 2
Organochlorine Pesticides (OCPs)
Soil Sample Results (mg/Kg)
Fairfax H.S., California
PROJECT #12060.2010

																US EPA RSLs	DTSC SLs
Analyte	SB7-1	SB7-3	SB8-1	SB8-1 DUP	SB8-3	SB9-1	SB9-3	SB10-1	SB10-1 DUP	SB10-3	SB11-1	SB12-1	SB12-3	SB13-1	SB13-3	EPA Regional Screening Levels (Residential soils) (mg/kg)	Screening Level For Residential Soil(mg/kg) Cancer/Non Cancer
Sample Date	6/14/24	6/14/24	6/14/24	6/14/24	6/14/24	6/14/24	6/14/24	6/14/24	6/14/24	6/14/24	6/14/24	6/17/24	6/17/24	6/13/24	6/13/24		
a-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.086	--
b-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.30	--
c-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.57	--
d-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.30	--
g-BHC (Lindane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	--
Chlordane (Technical)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.7	1.7
a-Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	36	--
g-Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	36	--
p,p-DDD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.9	--
4,4'-DDE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.0	0.046
4,4'-DDT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.9	--
Dieldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.034	--
Endosulfan I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	--
Endosulfan II	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	--
Endosulfan sulfate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	380	--
Endrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	19	--
Endrin aldehyde	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	--
Endrin ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	--
Heptachlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.13	--
Heptachlor epoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.070	--
Methoxychlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	320	--
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.49	--

Notes:

Soil results reported in milligrams per kilogram, unless otherized noted

- ND = Non Detectable
 -- = Not Analyzed for
 ~ = Not Applicable
 US EPA RSL = 2021 US EPA Regional Screening Levels
Exceeds EPA Screening Level For Residential Soil(mg/kg) Cancer/Non Cancer
Exceeds DTSC Residential: Shallow Soil Exposure (mg/kg)
 µg/kg = milligrams per kilogram
 * = Background Concentrations By Kearney Foundation Special Report: Background Concentrations of Trace and Major Elements in California Soils
 ** = No regulatory limit

Table 2
Organochlorine Pesticides (OCPs)
Soil Sample Results (mg/Kg)
Fairfax H.S., California
PROJECT #12060.2010

														US EPA RSLs	DTSC SLs
Analyte	SB15-1	SB15-3	SB16-1	SB16-3	SB17-1	SB17-3	SB17-3 DUP	SB18-1	SB18-3	SB19-1	SB19-3	SB20-1	SB20-3	EPA Regional Screening Levels (Residential soils) (mg/kg)	Screening Level For Residential Soil(mg/kg) Cancer/Non Cancer
Sample Date	6/14/24	6/14/24	6/17/24	6/17/24	6/17/24	6/17/24	6/17/24	6/17/24	6/17/24	6/17/24	6/17/24	6/17/24	6/17/24		
a-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.086	--
b-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.30	--
c-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.57	--
d-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.30	--
g-BHC (Lindane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	--
Chlordane (Technical)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.7	1.7
a-Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	36	--
g-Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	36	--
p,p-DDD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.9	--
4,4'-DDE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.0	0.046
4,4'-DDT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.9	--
Dieldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.034	--
Endosulfan I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	--
Endosulfan II	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	--
Endosulfan sulfate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	380	--
Endrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	19	--
Endrin aldehyde	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	--
Endrin ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	--
Heptachlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.13	--
Heptachlor epoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.070	--
Methoxychlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	320	--
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.49	--

Notes:

Soil results reported in milligrams per kilogram, unless otherized noted

- ND = Non Detectable
 -- = Not Analyzed for
 ~ = Not Applicable
 US EPA RSL = 2021 US EPA Regional Screening Levels
Exceeds EPA Screening Level For Residential Soil(mg/kg) Cancer/Non Cancer

- Exceeds DTSC Residential: Shallow Soil Exposure (mg/kg)**
 µg/kg = milligrams per kilogram
 * = Background Concentrations By Kearney Foundation Special Report: Background Concentrations of Trace and Major Elements in California Soils
 ** = No regulatory limit

Table 2
Organochlorine Pesticides (OCPs)
Soil Sample Results (mg/Kg)
Fairfax H.S., California
PROJECT #12060.2010

															US EPA RSLs	DTSC SLs
Analyte	DL1-1	DL1-3	DL2-1	DL2-3	DL3-1	DL3-3	DL4-1	DL4-3	DL5-1	DL5-1 DUP	DL5-3	DL6-1	DL6-3	EPA Regional Screening Levels (Residential soils) (mg/kg)	Screening Level For Residential Soil(mg/kg) Cancer/Non Cancer	
Sample Date	6/17/24	6/17/24	6/13/24	6/13/24	6/14/24	6/14/24	6/13/24	6/13/24	6/13/24	6/13/24	6/13/24	6/14/24	6/14/24			
a-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.086	--	
b-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.30	--	
c-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.57	--	
d-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.30	--	
g-BHC (Lindane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	--	
Chlordane (Technical)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000053	1.7	1.7	
a-Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	36	--	
g-Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	36	--	
p,p-DDD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.9	--	
4,4'-DDE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.0	0.046	
4,4'-DDT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.9	--	
Dieldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.034	--	
Endosulfan I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	--	
Endosulfan II	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	--	
Endosulfan sulfate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	380	--	
Endrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	19	--	
Endrin aldehyde	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	--	
Endrin ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	--	
Heptachlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.13	--	
Heptachlor epoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.070	--	
Methoxychlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	320	--	
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.49	--	

Notes:

Soil results reported in milligrams per kilogram, unless otherized noted

ND

= Non Detectable

--

= Not Analyzed for

~~

= Not Applicable

US EPA RSL

= 2021 US EPA Regional Screening Levels

= Exceeds EPA Screening Level For Residential Soil(mg/kg) Cancer/Non Cancer

= Lab re-digested and ran samples for Lead - sample DL5-1 shows Lead at 17 mg/kg and sample DL5-1DUP shows Lead at 50 mg/kg. The difference in DUP results may be due to non-homogenous soil matrix.

Bold

= Exceeds DTSC Residential: Shallow Soil Exposure (mg/kg)

µg/kg

= micrograms per kilogram

*

= Background Concentrations By Kearney Foundation Special Report: Background Concentrations of Trace and Major Elements in California Soils

**

= No regulatory limit

Table 2
Organochlorine Pesticides (OCPs)
Soil Sample Results (mg/Kg)
Fairfax H.S., California
PROJECT #12060.2010

														US EPA RSLs	DTSC SLs
Analyte	DL7-1	DL7-3	DL7-3 DUP	DL8-1	DL8-3	DL9-1	DL9-3	DL10-1	DL10-3	DL11-1	DL11-3	DL12-1	DL12-3	EPA Regional Screening Levels (Residential soils) (mg/kg)	Screening Level For Residential Soil(mg/kg) Cancer/Non Cancer
Sample Date	6/14/24	6/14/24	6/14/24	6/13/24	6/13/24	6/13/24	6/13/24	6/13/24	6/13/24	6/14/24	6/14/24	6/13/24	6/13/24		
a-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.086	--
b-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.30	--
c-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.57	--
d-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.30	--
g-BHC (Lindane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	--
Chlordane (Technical)	ND	0.000062	0.000059	ND	ND	ND	ND	0.000088	ND	ND	ND	ND	0.00013	1.7	1.7
a-Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	36	--
g-Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	36	--
p,p-DDD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.9	--
4,4'-DDE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.0	0.046
4,4'-DDT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.9	--
Dieldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.034	--
Endosulfan I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	--
Endosulfan II	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	--
Endosulfan sulfate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	380	--
Endrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	19	--
Endrin aldehyde	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	--
Endrin ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	--
Heptachlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.13	--
Heptachlor epoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.070	--
Methoxychlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	320	--
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.49	--

Notes:

Soil results reported in milligrams per kilogram, unless otherized noted

- ND = Non Detectable
 -- = Not Analyzed for
 ~ = Not Applicable
 US EPA RSL = 2021 US EPA Regional Screening Levels
 Exceeds EPA Screening Level For Residential Soil(mg/kg) Cancer/Non Cancer

- Bold** = Exceeds DTSC Residential: Shallow Soil Exposure (mg/kg)
 µg/kg = milligrams per kilogram
 * = Background Concentrations By Kearney Foundation Special Report: Background Concentrations of Trace and Major Elements in California Soils
 ** = No regulatory limit

Table 2
Organochlorine Pesticides (OCPs)
Soil Sample Results (mg/kg)
Fairfax H.S., California
PROJECT #12060.2010

															US EPA RSLs	DTSC SLs
Analyte	DL13-1	DL13-3	DL14-1	DL14-3	DL14-3 DUP	DL16-1	DL16-3	DL17-1	DL17-3	DL18-1	DL18-3	DL18-3 DUP	DL19-1	DL19-3	EPA Regional Screening Levels (Residential soils) (mg/kg)	Screening Level For Residential Soil(mg/kg) Cancer/Non Cancer
Sample Date	6/17/24	6/17/24	6/17/24	6/17/24	6/17/24	6/14/24	6/14/24	6/14/24	6/14/24	6/14/24	6/14/24	6/14/24	6/14/24	6/14/24		
a-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.086	--
b-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.30	--
c-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.57	--
d-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.30	--
g-BHC (Lindane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	--
Chlordane (Technical)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.7	1.7
a-Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	36	--
g-Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	36	--
p,p-DDD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.9	--
4,4'-DDE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.0	0.046
4,4'-DDT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.9	--
Dieldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.034	--
Endosulfan I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	--
Endosulfan II	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	--
Endosulfan sulfate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	380	--
Endrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	19	--
Endrin aldehyde	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	--
Endrin ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	--
Heptachlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.13	--
Heptachlor epoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.070	--
Methoxychlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	320	--
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.49	--

Notes:
Soil results reported in milligrams per kilogram, unless otherized noted
ND = Non Detectable
-- = Not Analyzed for
~~ = Not Applicable
US EPA RSL = 2021 US EPA Regional Screening Levels
= Exceeds EPA Screening Level For Residential Soil(mg/kg) Cancer/Non Cancer
Bold = Exceeds DTSC Residential: Shallow Soil Exposure (mg/kg)
µg/kg = milligrams per kilogram
* = Background Concentrations By Kearney Foundation Special Report: Background Concentrations of Trace and Major Elements in California Soils
** = No regulatory limit

Table 2
Organochlorine Pesticides (OCPs)
Soil Sample Results (mg/kg)
Fairfax H.S., California
PROJECT #12060.2010

	DL20-1	DL20-1 DUP	DL20-3	DL21-1	DL21-3	PS2-1	PS2-5	PS2-10	PS2-15	PS3-1	PS3-5	PS3-10	PS3-15	PS5-1	PS5-5	PS5-10	PS5-15	US EPA RSLs	DTSC SLs
Analyte																		EPA Regional Screening Levels (Residential soils) (mg/kg)	Screening Level For Residential Soil(mg/kg) Cancer/Non Cancer
Sample Date	6/13/24	6/13/24	6/13/24	6/13/24	6/13/24	12/6/2024	12/6/2024	12/6/2024	12/6/2024	12/6/2024	12/6/2024	12/6/2024	12/6/2024	6/13/24	6/13/24	6/13/24	6/13/24		
a-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.086	--
b-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.30	--
c-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.57	--
d-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.30	--
g-BHC (Lindane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	--
Chlordane (Technical)	ND	ND	ND	ND	ND	0.093	ND	ND	ND	0.22	ND	ND	ND	ND	ND	ND	ND	1.7	1.7
a-Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	36	--
g-Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	36	--
p,p-DDD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.9	--
4,4'-DDE	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005	ND	ND	ND	ND	ND	ND	ND	2.0	0.046
4,4'-DDT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.9	--
Dieldrin	ND	ND	ND	ND	ND	0.0065	ND	ND	ND	0.021	ND	ND	ND	ND	ND	ND	ND	0.034	--
Endosulfan I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	--
Endosulfan II	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	--
Endosulfan sulfate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	380	--
Endrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	19	--
Endrin aldehyde	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	--
Endrin ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	--
Heptachlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.13	--
Heptachlor epoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.070	--
Methoxychlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	320	--
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.49	--

Notes:
Soil results reported in milligrams per kilogram, unless otherized noted
ND = Non Detectable
-- = Not Analyzed for
~~ = Not Applicable
US EPA RSL = 2021 US EPA Regional Screening Levels
= Exceeds EPA Screening Level For Residential Soil(mg/kg) Cancer/Non Cancer
Bold = Exceeds DTSC Residential: Shallow Soil Exposure (mg/kg)
µg/kg = micrograms per kilogram
* = Background Concentrations By Kearney Foundation Special Report: Background Concentrations of Trace and Major Elements in California Soils
** = No regulatory limit

Table 3 Polychlorinated Biphenyls (PCBs) Soil Sample Results (mg/kg) Fairfax H.S., California PROJECT #12060.2010																					
																			US EPA RSLs	Background Cons.	
Analyte	P55-1	P55-3	P55-10	P55-15	DL1-1	SBS-1	SBT-1	DL19-1	SB9-1	SB11-1	DL16-1	SB15-1	SB15-3	DL17-1	SB17-1	DL13-1	SB19-3	DL1-1	EPA Regional Screening Levels (Residential soil) (mg/kg)	Background Concentrations of Trace and Major Elements (mg/Kg)	
Sample Date	6/13/2024	6/13/2024	6/13/2024	6/13/2024	6/13/2024	6/14/2024	6/14/2024	6/14/2024	6/14/2024	6/14/2024	6/14/2024	6/14/2024	6/14/2024	6/14/2024	6/17/2024	6/17/2024	6/17/2024	6/17/2024	6/17/2024		
Aroclor1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.1	---
Aroclor1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.20	---
Aroclor1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.17	---
Aroclor1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.23	---
Aroclor1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.23	---
Aroclor1254	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.24	---
Aroclor1260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.24	---
PCBs, total	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.23	---
Notes: Soil results reported in milligrams per kilogram, unless otherized noted																					
ND	= Non Detectable																				
-	= Not Analyzed for																				
---	= Not Applicable																				
Tier 1 ESL	= July 2019 California San Francisco Bay Area RWQCB Environmental Screening Level																				
US EPA RSL	= 2021 US EPA Regional Screening Levels																				
	= Tier 1 ESLs (Screening Levels Resulting Default Settings) (mg/kg)																				
	= Exceeds 10-times the STL Regulated Level																				
Bold	= Exceeds Residential: Shallow Soil Exposure (mg/kg)																				
µg/kg	= micrograms per kilogram																				
WET	= Waste Extraction Test by 22CCR																				
DI-WET	= De-ionized Water Waste Extraction Test by 22CCR																				
TCLP	= Toxicity Characteristic Leaching Potential by CFR																				
±	= estimated value																				
±	= By volume																				
**	= No regulatory limit																				

Table 4
Asbestos (PLM) Results in Soil
Fairfax H.S., California
PROJECT #12060-2010

[illegible]

Table 4
Asbestos (PLM) Results in Soil
Fairfax H.S., California
PROJECT #12060.2010

													US EPA RSLs	DTSC SLs
Analyte	PS2-1	PS2-5	PS2-10	PS2-15	PS3-1	PS3-5	PS3-10	PS3-15	VP10-1	VP10-5	VP10-10	VP10-15	EPA Regional Screening Levels (Residential soils) (mg/kg)	Screening Level For Residential Soil(mg/kg) Cancer Endpoint
Sample Date	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024		
Asbestos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	**

Notes:

- ND = Non Detectable
- ~~ = Not Applicable
- = Exceeds EPA Screening Level For Residential Soil(mg/kg) Cancer/Non Cancer
- PLM = Polarized Light Microscopy
- mg/kg = milligrams per kilogram
- * = By Volume
- ** = No regulatory limit

Table 5
Poly Aromatic Hydrocarbons (PAHs) (µg/m³)
June and November 2024
Fairfax H.S., California
PROJECT #12060.2010

[illegible]

Notes:	
Soil results reported in Microgram per cubic meter, unless otherized noted	
ND	= Non Detectable
NA	= Not Applicable
US EPA RSL	= 2021 US EPA Regional Screening Levels
	= Exceeds California ESLs for Residential: Shallow Soil Vapor Exposure (µg/kg)
Bold	=Exceeds Screening Levels For Soil Vapor (µg/m^3) Cancer Endpoint
<u>Underline</u>	= Exceeds Construction Worker: Any Land Use/ Any Depth Soil Exposure (mg/kg)
µg/m^3	= Microgram per cubic meter
WET	= Waste Extraction Test by 22CCR
A	= No regulatory limit
**	= These screening level values were derived from EPA's RSL Resident Ambient Air Table (TR=1E-06, HQ=1) May 2024 and using and an attenuation factor of 0.03.
***	= These screening level values were derived from DTSC's HHRA Note 3 Screening Levels June 2020 Revised May 2022 and using and an attenuation factor of 0.03

[illegible]

Notes:	
Soil results reported in milligrams per kilogram, unless otherized noted	
ND	= Non Detectable
--	= Not Analyzed for
~~	= Not Applicable
US EPA RSL	= 2021 US EPA Regional Screening Levels
	= Exceeds EPA Screening Level For Residential Soil(mg/kg) Cancer/Non Cancer
Bold	= Exceeds DTSC Residential: Shallow Soil Exposure (mg/kg)
mg/kg	= milligrams per kilogram
*	= By Volume
**	= No regulatory limit

Table 6
Total Petroleum Hydrocarbon Volatile (TPH)
Soil Sample Results (mg/kg)
Fairfax H.S., California
PROJECT #12060.210

													US EPA RSLs	DTSC SLs
Analyte	PS2-1	PS2-5	PS2-10	PS2-15	PS3-1	PS3-5	PS3-10	PS3-15	VP10-1	VP10-5	VP10-10	VP10-15	EPA Regional Screening Levels (Residential soils) (mg/kg)	Screening Level For Residential Soil(mg/kg) Cancer Endpoint
Sample Date	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024		
TPH-Diesel w/o Silica Gel Cleanup by EPA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	23,000	23,000
TPH-Motor Oil w/o Silica Gel Cleanup by EPA	43	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,400	2,400
TPH-Gasoline by EPA Method SW8021B/8015B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	97	97
Notes:														
Soil results reported in milligrams per kilogram,														
ND	= Non Detectable													
--	= Not Analyzed for													
~~	= Not Applicable													
Tier 1 ESL	= July 2019 California San Francisco Bay Area RWQCB Environmental Screening Level													
US EPA RSL	= 2021 US EPA Regional Screening Levels													
	= Exceeds EPA Screening Level For Residential Soil(mg/kg) Cancer/Non Cancer													
Bold	= Exceeds DTSC Residential: Shallow Soil Exposure (mg/kg)													
mg/kg	= milligrams per kilogram													
**	= No regulatory limit													

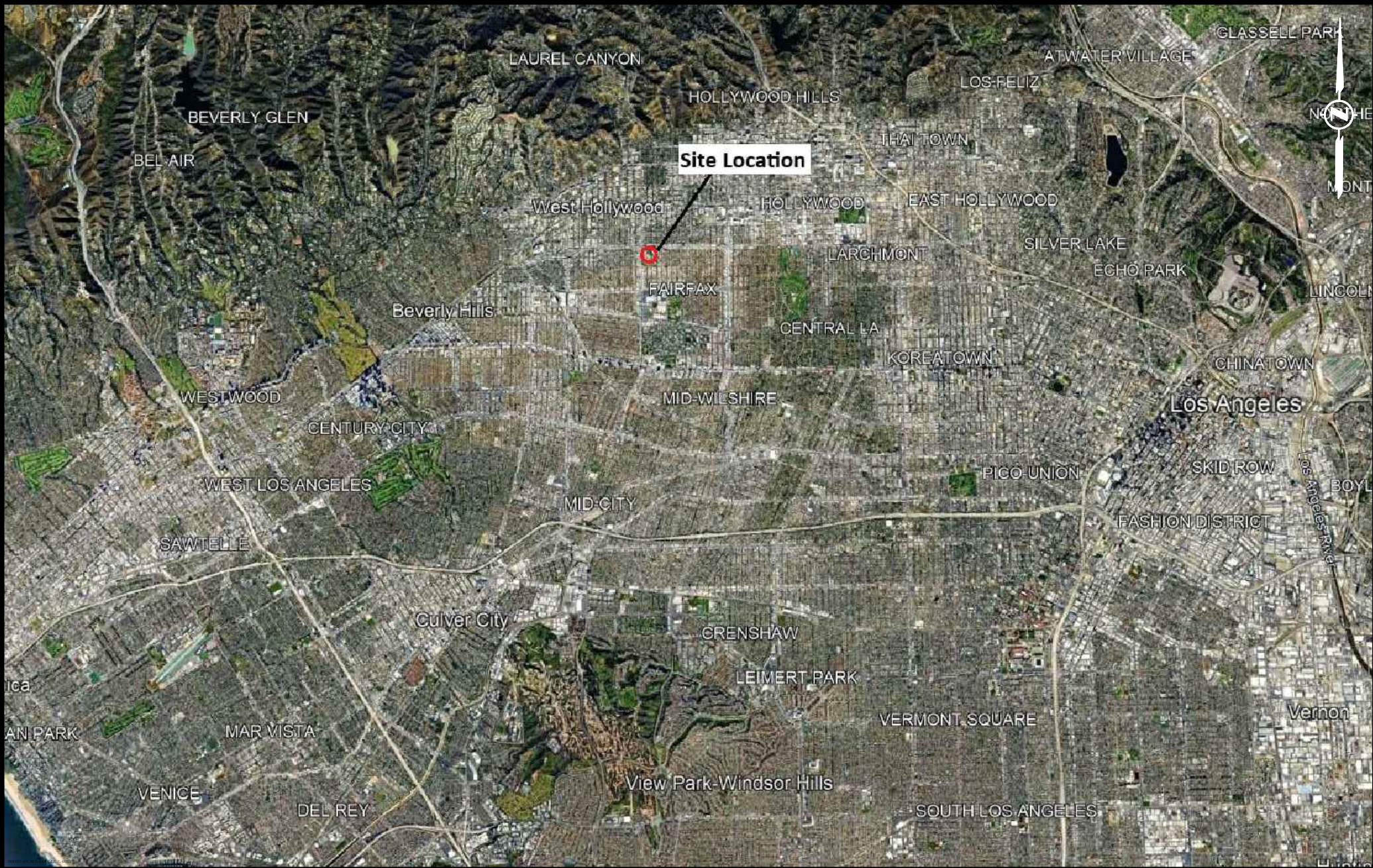
Table 7a
Volatile Organic Compounds (VOCs) in Soil Vapor (First Sample Event) (µg/m³)
Fairfax H.S., California
PROJECT #12060.210

														US EPA RSLs	DTSC SLS
Analyte	VP1-5	VP1-15	VP2-5	VP2-15	VP3-5	VP3-15	VP4-5	VP4-15	VP5-5	VP5-SDUP	VP5-15	VP6-5	VP6-15	** EPA Regional Screening Levels (Residential Soil Vapors) (µg/m³)	Screening Level For Residential Soil(mg/kg) Cancer/Non Cancer
Sample Date	06/12/2024	06/12/2024	06/12/2024	06/12/2024	06/12/2024	06/12/2024	06/12/2024	06/12/2024	06/12/2024	06/12/2024	06/12/2024	06/12/2024	06/12/2024		
Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	61	**
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.9	ND	5.7	12	0.33
Bromobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	---	**
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	---	**
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	---	0.29
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	---	19
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	---	**
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	---	**
n-Butyl benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	---	2400
sec-Butyl benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	---	2000
tert-Butyl benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	---	2200
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	---	0.65
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	---	**
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	---	**
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	**
2-Chlorotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	470
cis-1,4-Dichloro-2-butene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	**
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	0.94
3-Chloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0056	**
1,2-Dibromo-3-chloropropane (DBCP)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.16	0.0043
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	0.036
Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7000	**
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	**
Dichlorodifluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	60	**
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.6	3.6
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	**
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	83
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	18
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	25	130
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	**
1,3-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	410
2,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	**
1,1-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	**
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	**
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	**
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	36.6	**
Freon 12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	**
Freon 113	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	**
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	1.2
Isopropylbenzene (CUMENE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	**
4-Isopropyl toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	**
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	**
Methylene chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	366	2.2
4-Methyl-2-pentanone (MIBK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3300	**
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	2
n-Propyl benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.8	**
Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	5600
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	33300	2
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12.6	0.6
Tetrachloroethene (PCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6	0.59
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	360	1100
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	40
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	**
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	1700
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	**
Trichloroethene (TCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6	**
Trichlorofluoromethane (Freon 11)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	16	1200
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	---	0.0015
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	---	**
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	0.0082
m,p-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	**
o-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3300	**
Xylenes, Total	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3300	**
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	**
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.6	**
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	2
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	24	0.46
Entire List of VOCs by EPA Method 8260B	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

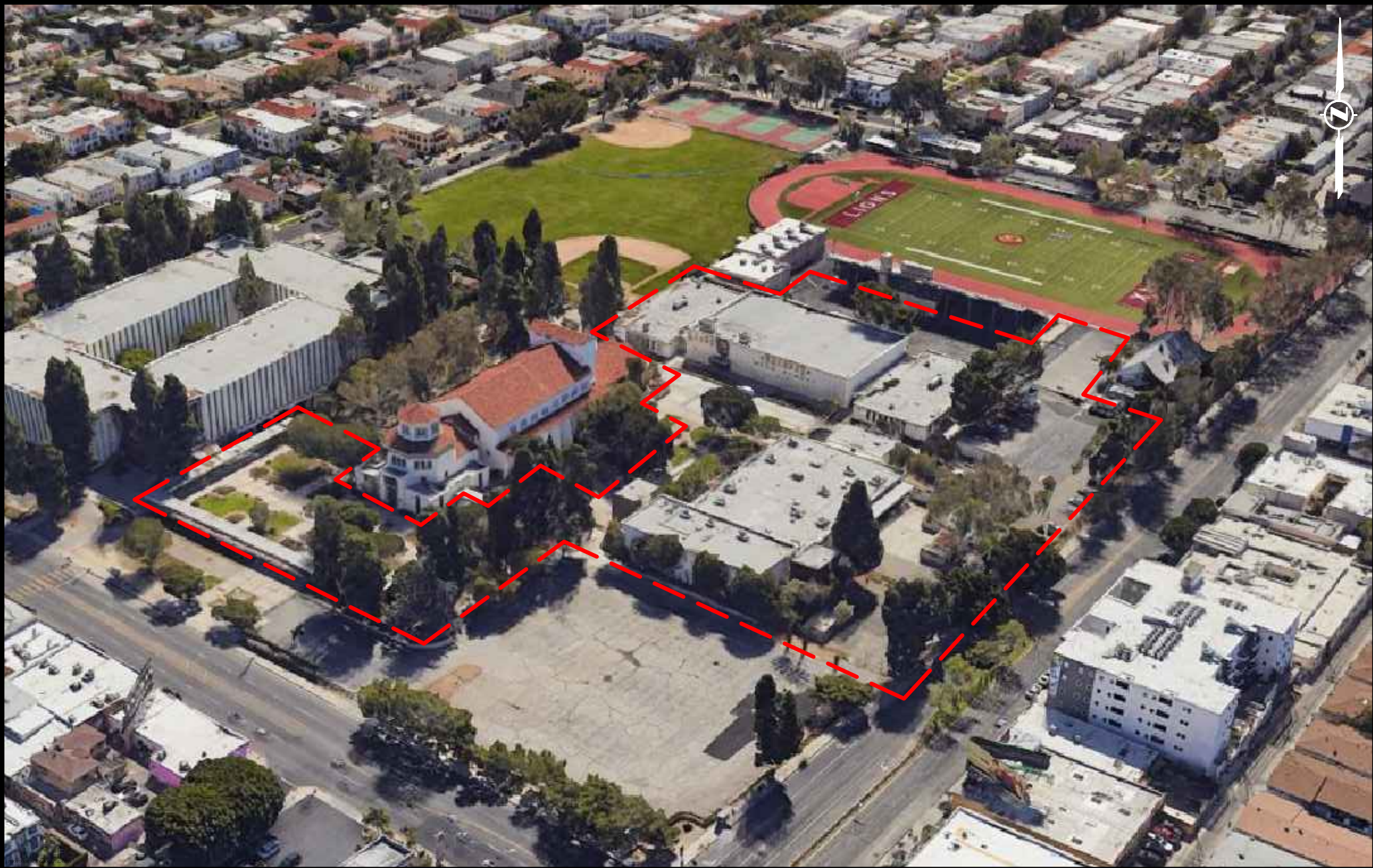
Notes:
Soil results reported in milligrams per kilogram, unless otherized noted
ND = Non Detectable
-- = Not Analyzed for
--- = Not Applicable
US EPA RSL = 2021 US EPA Regional Screening Levels
= Exceeds EPA Screening Level For Residential Soil(mg/kg) Cancer/Non Cancer
= Exceeds DTSC Residential: Shallow Soil Exposure (mg/kg)
Bold mg/kg = milligrams per kilogram
* = By Volume
** = No regulatory limit

[illegible]

FIGURES



MILLENNIUM CONSULTING ASSOCIATES Delivering EH&S Solutions since 1998	TITLE:	VICINITY MAP	SCALE:	N.T.S.	DRWN:	JR3	FIGURE NO: 1
	FOR:	FAIRFAX HIGH SCHOOL 7850 MELROSE AVE, LOS ANGELES, CA 940046	DATE:	4/4/2025	CHECKED:	AC	
			PROJECT NUMBER:	12060.2010	APPROVED:	JCB	



LEGEND
----- = PROJECT BOUNDARY

MILLENNIUM CONSULTING ASSOCIATES Delivering EH&S Solutions since 1998	TITLE: MAJOR MODERNIZATION PROJECT BOUNDARY	SCALE: N.T.S.	DRWN: JR3	FIGURE NO: 2
	FOR: FAIRFAX HIGH SCHOOL 7850 MELROSE AVE, LOS ANGELES, CA 940046	DATE: 4/4/2025	CHECKED: AC	
		PROJECT NUMBER: 12060.2010	APPROVED: JCB	



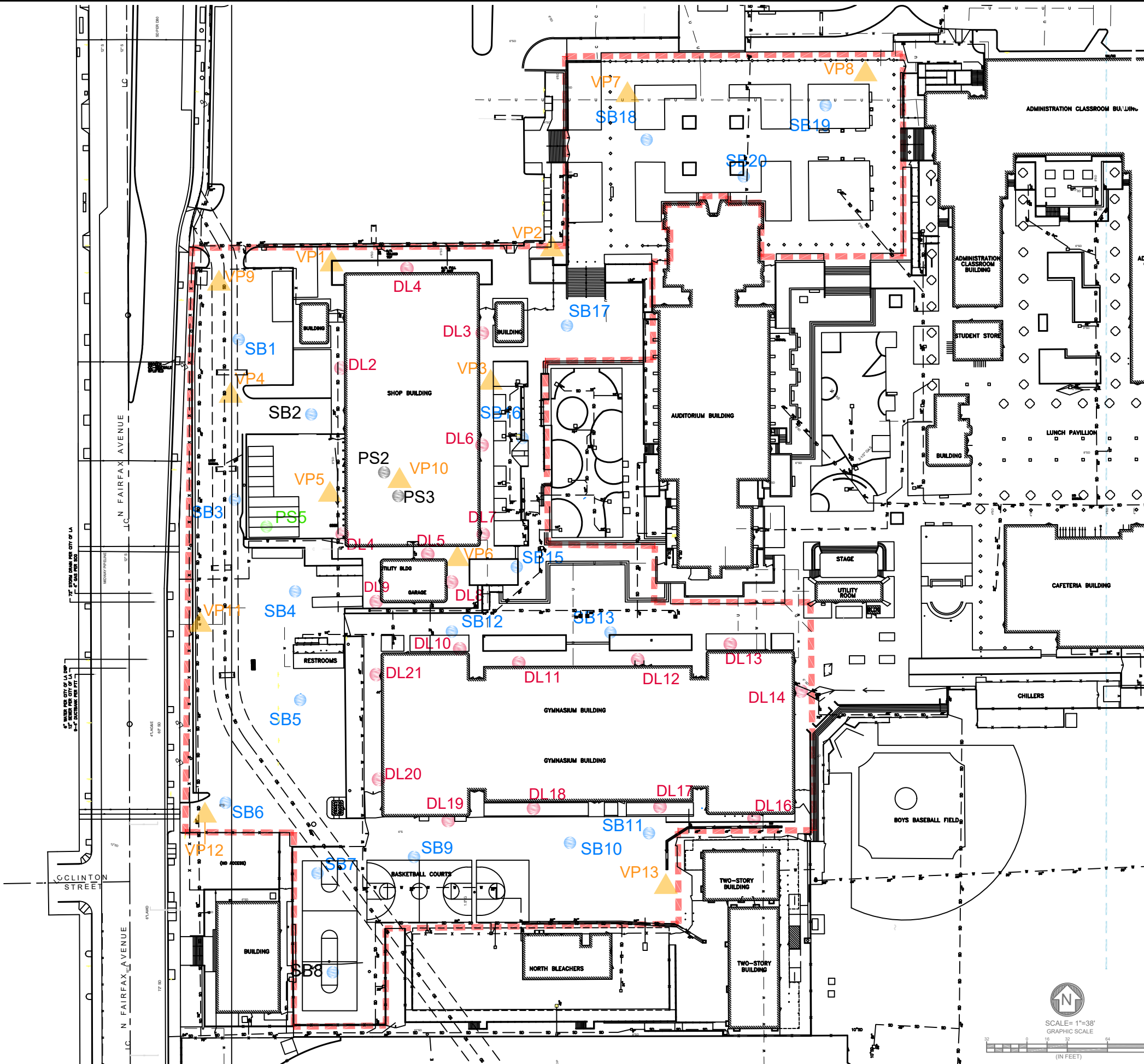
Multiple Hydraulic Lift Wells
(Workout RM in Auto Shop Bldg.)

3-Stage Clarifier
(Autobody Shop
Yard)

Chemical
Storage/Former Painting
Booth (Class Room 501A)

LEGEND

- PRIMARY AREA OF DEVELOPMENT
- SB1 - DISTANCE
- DL1 - DRIPLINE
- PS5 - SOURCE
- PS1 - SOURCE*
- VP1 - SOIL VAPOR
- * NOT SAMPLED DUE TO ACCESS ISSUES



LEGEND

PRIMARY AREA OF DEVELOPMENT

SB1 - DISTANCE

DL1 - DRIPLINE

PS5 - SOURCE

PS1 - SOURCE*

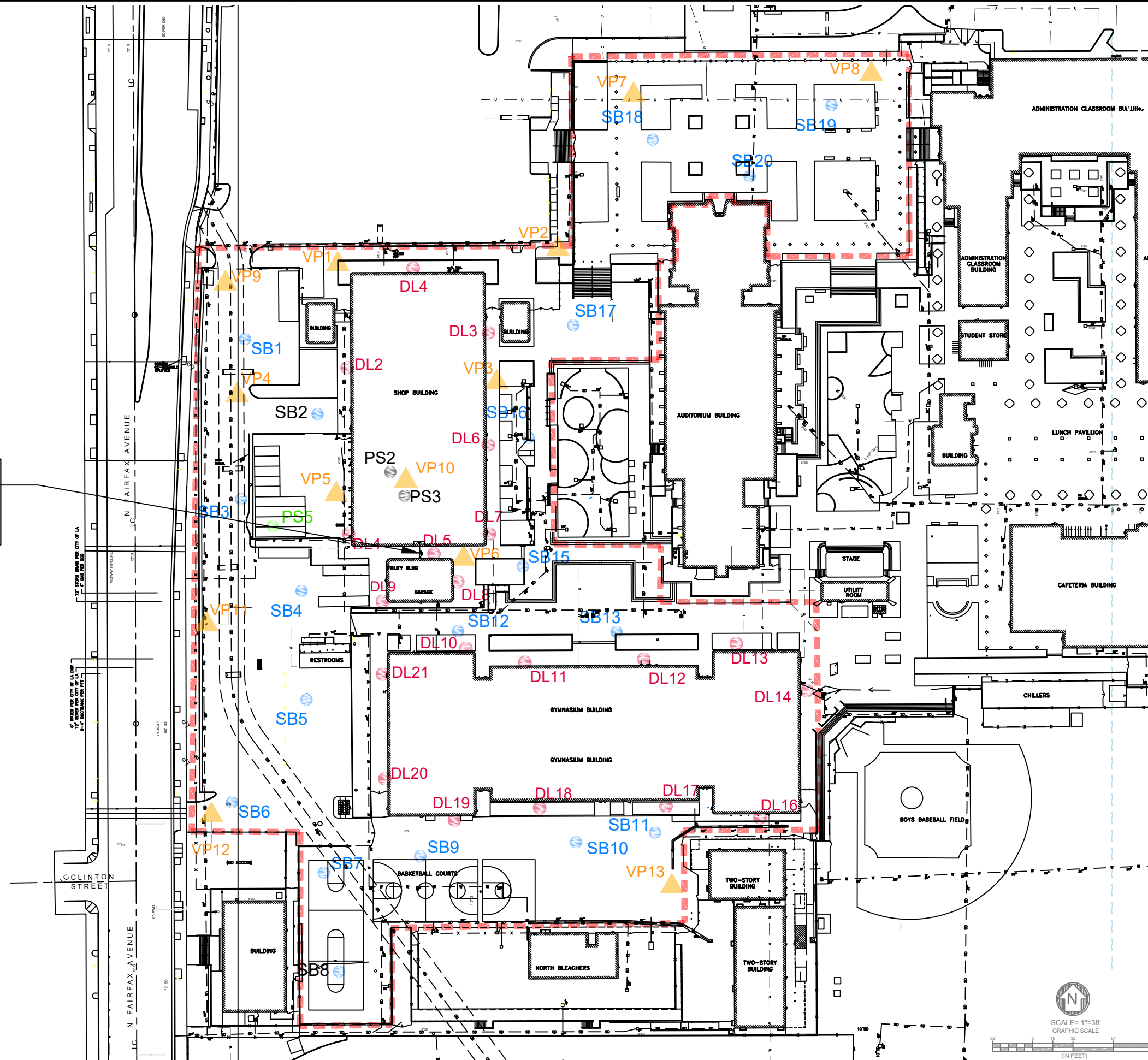
VP1 - SOIL VAPOR

* NOT SAMPLED DUE TO ACCESS ISSUES

DL5-1, DUP: Lead=100 (mg/Kg)
DL5-3: Lead=14 (mg/Kg)

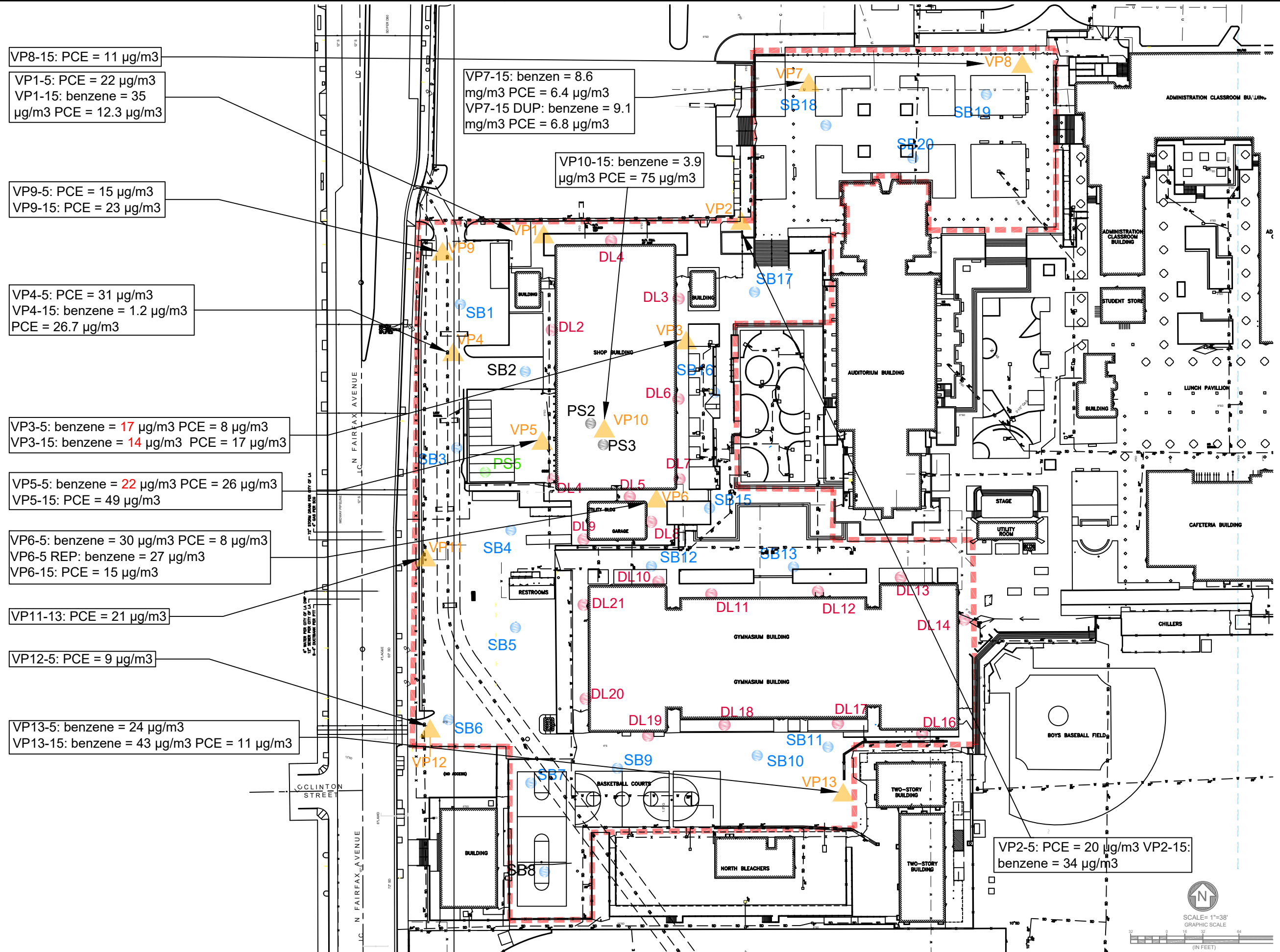
Within this area is one Dripline Soil Sample (DL5-1, DUP=100 (mg/Kg)) that exceeds the DTSC Screening Level for Residential soils – the lab is in the process of reevaluating the results to clarify the discrepancy between the duplicate samples (32 mg/kg and 100 mg/kg).

Outside of this zone Lead was detected at concentrations ranging from 0.3 mg/Kg to 46 mg/Kg and down to 15 ft bgs (below ground surface).



LEGEND

	PRIMARY AREA OF DEVELOPMENT
	SB1 - DISTANCE
	DL1 - DRIPLINE
	PS5 - SOURCE
	PS1 - SOURCE*
	VP1 - SOIL VAPOR
	NOT SAMPLED DUE TO ACCESS ISSUES



APPENDIX A
SOIL ANALYTICAL AND VAPOR SAMPLE
LABORATORY REPORT



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

enthalpy.com

Lab Job Number : 510194
Report Level : II
Report Date : 06/26/2024

Analytical Report *prepared for:*

Parya Saneipoor
Millenium Consulting Associates
4683 Chabot Drive, Suite 380
Pleasanton, CA 94588

Project: LAUSD FAIRFAX - LAUSD Fairfax HS, 12060.2010

Authorized for release by:

Patty Mata, Project Manager
patty.mata@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

Parya Saneipoor	Lab Job #:	510194
Millenium Consulting	Project No:	LAUSD FAIRFAX
Associates	Location:	LAUSD Fairfax HS, 12060.2010
4683 Chabot Drive, Suite 380	Date Received:	06/12/24
Pleasanton, CA 94588		

Sample ID	Lab ID	Collected	Matrix
TB-061224	510194-001	06/12/24 08:00	Water
EB-061224	510194-002	06/12/24 13:20	Water
VP6-5	510194-003	06/12/24 12:55	Soil
VP4-5	510194-004	06/12/24 09:45	Soil
VP4-15	510194-005	06/12/24 09:50	Soil
VP3-5	510194-006	06/12/24 12:20	Soil
VP3-15	510194-007	06/12/24 12:25	Soil
VP2-5	510194-008	06/12/24 11:15	Soil
VP2-15	510194-009	06/12/24 11:20	Soil
VP6-15	510194-010	06/12/24 13:00	Soil
VP1-5	510194-011	06/12/24 10:40	Soil
VP1-15	510194-012	06/12/24 10:45	Soil
VP5-5	510194-013	06/12/24 13:55	Soil
VP5-5DUP	510194-014	06/12/24 14:00	Soil
VP5-15	510194-015	06/12/24 14:05	Soil

Case Narrative

Millenium Consulting Associates
4683 Chabot Drive, Suite 380
Pleasanton, CA 94588
Parya Saneipoor

Lab Job 510194
Number:
Project No: LAUSD FAIRFAX
Location: LAUSD Fairfax HS,
12060.2010

Date Received: 06/12/24

This data package contains sample and QC results for thirteen soil samples and two water samples, requested for the above referenced project on 06/12/24. The samples were received cold and intact.

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

No analytical problems were encountered.

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

No analytical problems were encountered.

ENTHALPY ANALYTICAL		Chain of Custody Record		Turn Around Time (rush by advanced notice only)			
Lab No: 510194		Standard:		5 Day: X		3 Day: X	
Page: 2 of 2		2 Day:		1 Day:		Custom TAT:	
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			
Company:	Millennium Consulting Associates	Name:	Cornelius Harris, Parya Saneipoor	Test Instructions / Comments			
Report To:	Parya Saneipoor	Number:	12060.2010	Standard DAT			
Email:	psaneipoor@mecaenviro.com charris@mecaenviro.com	P.O. #:	PS061224	21°C / 4.3°C			
Address:	4683 Chabot Drive Suite 380	Address:	Fairfax High School 7850 Melrose Ave., Los Angeles				
Phone:	(925)-808-6700	Global ID:					
Fax:		Sampled By:	Cornelius Harris				
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.		
1 TB-061224	6/12/24	0800	W	WA	HCL		
2 FB-061224		1320	W		HCL		
3 VP6-5		1255	S		X		
4 VP4-5		0945					
5 VP4-15		0950					
6 VP3-5		1226					
7 VP3-15		1225					
8 VP2-5		1115					
9 VP2-15		1120					
10 VP6-15		1300					
Signature		Print Name		Company / Title		Date / Time	
1 Relinquished By: [Signature]	Byrne Adams	MECA				6/12/24 1441	
1 Received By: [Signature]	Darvis Piven	EA				6/12/24 1441	
2 Relinquished By: [Signature]	Darvis Piven	EA				6/12/24 1445	
2 Received By: [Signature]	B. Gura	CA				6/17/24 112	
3 Relinquished By:							
3 Received By:							

		Chain of Custody Record		Turn Around Time (rush by advanced notice only)								
		Lab No: 510194	Page: 2 of 2	Standard:	5 Day:	3 Day:	1 Day:	3 Day:	Custom TAT:			
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)								
PROJECT INFORMATION		ANALYSIS REQUEST		Test Instructions / Comments								
Company:	Millennium Consulting Associates	Name:	Cornelius Harris, Parya Saneipoor	Asbestos (PLM)	Lead (6010B)	OCF (8081A)	VOCs (8260B)	TPH (8015B)	PCBs (8082)	Hex. Cr (3060A/7199)	PAHs (8270C)	Hold
Report To:	Parya Saneipoor	Number:	12060.2010	Asbestos (PLM)	Lead (6010B)	OCF (8081A)	VOCs (8260B)	TPH (8015B)	PCBs (8082)	Hex. Cr (3060A/7199)	PAHs (8270C)	Hold
Email:	psaneipoor@mecaenviro.com charris@mecaenviro.com	P.O. #:	PS061224	Asbestos (PLM)	Lead (6010B)	OCF (8081A)	VOCs (8260B)	TPH (8015B)	PCBs (8082)	Hex. Cr (3060A/7199)	PAHs (8270C)	Hold
Address:	4683 Chabot Drive Suite 380	Address:	Fairfax High School	Asbestos (PLM)	Lead (6010B)	OCF (8081A)	VOCs (8260B)	TPH (8015B)	PCBs (8082)	Hex. Cr (3060A/7199)	PAHs (8270C)	Hold
Phone:	(925)-808-6700	Global ID:	7850 Melrose Ave., Los Angeles	Asbestos (PLM)	Lead (6010B)	OCF (8081A)	VOCs (8260B)	TPH (8015B)	PCBs (8082)	Hex. Cr (3060A/7199)	PAHs (8270C)	Hold
Fax:		Sampled By:	Cornelius Harris	Asbestos (PLM)	Lead (6010B)	OCF (8081A)	VOCs (8260B)	TPH (8015B)	PCBs (8082)	Hex. Cr (3060A/7199)	PAHs (8270C)	Hold
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.							
1 VP1-5	6/12/24	1040	S	VOA	X							
2 VP1-15		1015										
3 VP5-5		1355										
4 VP5-5DVP		1400										
5 VP5-15		1405										
6												
7												
8												
9												
10												
CUSTOMER INFORMATION		PROJECT INFORMATION		ANALYSIS REQUEST		Test Instructions / Comments						
Relinquished By:		Signature:		Print Name:		Company / Title: MECA		Date / Time: 6/12/24 1441				
Received By:		Signature:		Print Name:		Company / Title: MECA		Date / Time: 6/12/24 1441				
Relinquished By:		Signature:		Print Name:		Company / Title: MECA		Date / Time: 6/13/24 1445				
Received By:		Signature:		Print Name:		Company / Title: MECA		Date / Time: 6/13/24 1445				
Relinquished By:		Signature:		Print Name:		Company / Title: MECA		Date / Time: 6/13/24 1445				
Received By:		Signature:		Print Name:		Company / Title: MECA		Date / Time: 6/13/24 1445				



SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Millennium Consulting

Project: Cornelius Harris

Date Received: 6/13/24

Sampler's Name Present: ☒ Yes ☐ No

Section 2

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

Sample Temp (°C), One from each cooler: #1: 3.3 #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: 3.8 #2: _____ #3: _____ #4: _____

Section 4

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

Section 5 Explanations/Comments

Additional labels were added to the 5035 vials on the field; the weight of the additional labels is not included in the final calculation and the labels obscures the tared weights.

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: 6/13/24

Analysis Results for 510194

Parya Saneipoor
Millenium Consulting Associates
4683 Chabot Drive, Suite 380
Pleasanton, CA 94588

Lab Job #: 510194
Project No: LAUSD FAIRFAX
Location: LAUSD Fairfax HS, 12060.2010
Date Received: 06/12/24

Sample ID: TB-061224

Lab ID: 510194-001

Collected: 06/12/24 08:00

Matrix: Water

510194-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B									
Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Freon 12	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Chloromethane	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Vinyl Chloride	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Bromomethane	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Chloroethane	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Trichlorofluoromethane	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Acetone	ND		ug/L	100	1	343352	06/21/24	06/21/24	EJB
Freon 113	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
1,1-Dichloroethene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Methylene Chloride	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
MTBE	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
trans-1,2-Dichloroethene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
1,1-Dichloroethane	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
2-Butanone	ND		ug/L	100	1	343352	06/21/24	06/21/24	EJB
cis-1,2-Dichloroethene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
2,2-Dichloropropane	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Chloroform	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Bromochloromethane	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
1,1,1-Trichloroethane	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
1,1-Dichloropropene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Carbon Tetrachloride	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
1,2-Dichloroethane	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Benzene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Trichloroethene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
1,2-Dichloropropane	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Bromodichloromethane	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Dibromomethane	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
4-Methyl-2-Pentanone	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
cis-1,3-Dichloropropene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Toluene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
trans-1,3-Dichloropropene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
1,1,2-Trichloroethane	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
1,3-Dichloropropane	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Tetrachloroethene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Dibromochloromethane	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
1,2-Dibromoethane	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Chlorobenzene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Ethylbenzene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
m,p-Xylenes	ND		ug/L	10	1	343352	06/21/24	06/21/24	EJB

Analysis Results for 510194

510194-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
o-Xylene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Styrene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Bromoform	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Isopropylbenzene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
1,2,3-Trichloropropane	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Propylbenzene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Bromobenzene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
2-Chlorotoluene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
4-Chlorotoluene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
tert-Butylbenzene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
sec-Butylbenzene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
para-Isopropyl Toluene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
1,3-Dichlorobenzene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
1,4-Dichlorobenzene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
n-Butylbenzene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
1,2-Dichlorobenzene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Hexachlorobutadiene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Naphthalene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Xylene (total)	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Surrogates	Limits								
Dibromofluoromethane	99%		%REC	70-130	1	343352	06/21/24	06/21/24	EJB
1,2-Dichloroethane-d4	101%		%REC	70-130	1	343352	06/21/24	06/21/24	EJB
Toluene-d8	98%		%REC	70-130	1	343352	06/21/24	06/21/24	EJB
Bromofluorobenzene	98%		%REC	70-130	1	343352	06/21/24	06/21/24	EJB

Analysis Results for 510194

Sample ID: EB-061224
Lab ID: 510194-002
Collected: 06/12/24 13:20
Matrix: Water

510194-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B									
Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Freon 12	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Chloromethane	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Vinyl Chloride	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Bromomethane	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Chloroethane	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Trichlorofluoromethane	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Acetone	ND		ug/L	100	1	343352	06/21/24	06/21/24	EJB
Freon 113	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
1,1-Dichloroethene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Methylene Chloride	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
MTBE	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
trans-1,2-Dichloroethene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
1,1-Dichloroethane	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
2-Butanone	ND		ug/L	100	1	343352	06/21/24	06/21/24	EJB
cis-1,2-Dichloroethene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
2,2-Dichloropropane	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Chloroform	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Bromochloromethane	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
1,1,1-Trichloroethane	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
1,1-Dichloropropene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Carbon Tetrachloride	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
1,2-Dichloroethane	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Benzene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Trichloroethene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
1,2-Dichloropropane	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Bromodichloromethane	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Dibromomethane	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
4-Methyl-2-Pentanone	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
cis-1,3-Dichloropropene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Toluene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
trans-1,3-Dichloropropene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
1,1,2-Trichloroethane	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
1,3-Dichloropropane	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Tetrachloroethene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Dibromochloromethane	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
1,2-Dibromoethane	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Chlorobenzene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Ethylbenzene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
m,p-Xylenes	ND		ug/L	10	1	343352	06/21/24	06/21/24	EJB
o-Xylene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Styrene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Bromoform	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Isopropylbenzene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB

Analysis Results for 510194

510194-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
1,2,3-Trichloropropane	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Propylbenzene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Bromobenzene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
2-Chlorotoluene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
4-Chlorotoluene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
tert-Butylbenzene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
sec-Butylbenzene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
para-Isopropyl Toluene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
1,3-Dichlorobenzene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
1,4-Dichlorobenzene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
n-Butylbenzene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
1,2-Dichlorobenzene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Hexachlorobutadiene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Naphthalene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Xylene (total)	ND		ug/L	5.0	1	343352	06/21/24	06/21/24	EJB
Surrogates	Limits								
Dibromofluoromethane	98%		%REC	70-130	1	343352	06/21/24	06/21/24	EJB
1,2-Dichloroethane-d4	100%		%REC	70-130	1	343352	06/21/24	06/21/24	EJB
Toluene-d8	99%		%REC	70-130	1	343352	06/21/24	06/21/24	EJB
Bromofluorobenzene	97%		%REC	70-130	1	343352	06/21/24	06/21/24	EJB

Analysis Results for 510194

Sample ID: VP6-5
Lab ID: 510194-003
Collected: 06/12/24 12:55
Matrix: Soil

510194-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B									
Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
Freon 12	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
Chloromethane	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
Vinyl Chloride	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
Bromomethane	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
Chloroethane	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
Trichlorofluoromethane	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
Acetone	ND		ug/Kg	54	0.54	343686	06/25/24	06/25/24	TCN
Freon 113	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
1,1-Dichloroethene	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
Methylene Chloride	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
MTBE	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
1,1-Dichloroethane	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
2-Butanone	ND		ug/Kg	54	0.54	343686	06/25/24	06/25/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
2,2-Dichloropropane	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
Chloroform	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
Bromochloromethane	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
1,1-Dichloropropene	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
Carbon Tetrachloride	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
1,2-Dichloroethane	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
Benzene	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
Trichloroethene	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
1,2-Dichloropropane	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
Bromodichloromethane	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
Dibromomethane	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
4-Methyl-2-Pentanone	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
Toluene	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
1,3-Dichloropropane	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
Tetrachloroethene	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
Dibromochloromethane	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
1,2-Dibromoethane	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
Chlorobenzene	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
Ethylbenzene	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
m,p-Xylenes	ND		ug/Kg	5.4	0.54	343686	06/25/24	06/25/24	TCN
o-Xylene	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
Styrene	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN

Analysis Results for 510194

510194-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Bromoform	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
Isopropylbenzene	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
Propylbenzene	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
Bromobenzene	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
2-Chlorotoluene	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
4-Chlorotoluene	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
tert-Butylbenzene	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
sec-Butylbenzene	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
n-Butylbenzene	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
Hexachlorobutadiene	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
Naphthalene	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
Xylene (total)	ND		ug/Kg	2.7	0.54	343686	06/25/24	06/25/24	TCN
Surrogates	Limits								
Dibromofluoromethane	103%		%REC	70-145	0.54	343686	06/25/24	06/25/24	TCN
1,2-Dichloroethane-d4	114%		%REC	70-145	0.54	343686	06/25/24	06/25/24	TCN
Toluene-d8	101%		%REC	70-145	0.54	343686	06/25/24	06/25/24	TCN
Bromofluorobenzene	106%		%REC	70-145	0.54	343686	06/25/24	06/25/24	TCN

Analysis Results for 510194

Sample ID: VP4-5
Lab ID: 510194-004
Collected: 06/12/24 09:45
Matrix: Soil

510194-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B									
Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
Freon 12	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
Chloromethane	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
Vinyl Chloride	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
Bromomethane	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
Chloroethane	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
Trichlorofluoromethane	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
Acetone	ND		ug/Kg	59	0.59	343686	06/25/24	06/25/24	TCN
Freon 113	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
1,1-Dichloroethene	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
Methylene Chloride	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
MTBE	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
1,1-Dichloroethane	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
2-Butanone	ND		ug/Kg	59	0.59	343686	06/25/24	06/25/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
2,2-Dichloropropane	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
Chloroform	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
Bromochloromethane	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
1,1-Dichloropropene	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
Carbon Tetrachloride	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
1,2-Dichloroethane	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
Benzene	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
Trichloroethene	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
1,2-Dichloropropane	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
Bromodichloromethane	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
Dibromomethane	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
4-Methyl-2-Pentanone	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
Toluene	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
1,3-Dichloropropane	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
Tetrachloroethene	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
Dibromochloromethane	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
1,2-Dibromoethane	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
Chlorobenzene	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
Ethylbenzene	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
m,p-Xylenes	ND		ug/Kg	5.9	0.59	343686	06/25/24	06/25/24	TCN
o-Xylene	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
Styrene	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN

Analysis Results for 510194

510194-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Bromoform	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
Isopropylbenzene	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
Propylbenzene	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
Bromobenzene	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
2-Chlorotoluene	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
4-Chlorotoluene	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
tert-Butylbenzene	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
sec-Butylbenzene	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
n-Butylbenzene	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
Hexachlorobutadiene	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
Naphthalene	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
Xylene (total)	ND		ug/Kg	3.0	0.59	343686	06/25/24	06/25/24	TCN
Surrogates	Limits								
Dibromofluoromethane	105%		%REC	70-145	0.59	343686	06/25/24	06/25/24	TCN
1,2-Dichloroethane-d4	111%		%REC	70-145	0.59	343686	06/25/24	06/25/24	TCN
Toluene-d8	101%		%REC	70-145	0.59	343686	06/25/24	06/25/24	TCN
Bromofluorobenzene	106%		%REC	70-145	0.59	343686	06/25/24	06/25/24	TCN

Analysis Results for 510194

Sample ID: VP4-15
Lab ID: 510194-005
Collected: 06/12/24 09:50
Matrix: Soil

510194-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B									
Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
Freon 12	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
Chloromethane	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
Vinyl Chloride	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
Bromomethane	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
Chloroethane	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
Trichlorofluoromethane	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
Acetone	ND		ug/Kg	56	0.56	343686	06/25/24	06/25/24	TCN
Freon 113	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
1,1-Dichloroethene	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
Methylene Chloride	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
MTBE	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
1,1-Dichloroethane	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
2-Butanone	ND		ug/Kg	56	0.56	343686	06/25/24	06/25/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
2,2-Dichloropropane	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
Chloroform	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
Bromochloromethane	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
1,1-Dichloropropene	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
Carbon Tetrachloride	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
1,2-Dichloroethane	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
Benzene	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
Trichloroethene	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
1,2-Dichloropropane	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
Bromodichloromethane	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
Dibromomethane	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
4-Methyl-2-Pentanone	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
Toluene	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
1,3-Dichloropropane	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
Tetrachloroethene	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
Dibromochloromethane	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
1,2-Dibromoethane	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
Chlorobenzene	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
Ethylbenzene	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
m,p-Xylenes	ND		ug/Kg	5.6	0.56	343686	06/25/24	06/25/24	TCN
o-Xylene	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
Styrene	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN

Analysis Results for 510194

510194-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Bromoform	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
Isopropylbenzene	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
Propylbenzene	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
Bromobenzene	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
2-Chlorotoluene	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
4-Chlorotoluene	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
tert-Butylbenzene	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
sec-Butylbenzene	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
n-Butylbenzene	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
Hexachlorobutadiene	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
Naphthalene	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
Xylene (total)	ND		ug/Kg	2.8	0.56	343686	06/25/24	06/25/24	TCN
Surrogates	Limits								
Dibromofluoromethane	103%		%REC	70-145	0.56	343686	06/25/24	06/25/24	TCN
1,2-Dichloroethane-d4	112%		%REC	70-145	0.56	343686	06/25/24	06/25/24	TCN
Toluene-d8	100%		%REC	70-145	0.56	343686	06/25/24	06/25/24	TCN
Bromofluorobenzene	101%		%REC	70-145	0.56	343686	06/25/24	06/25/24	TCN

Analysis Results for 510194

Sample ID: VP3-5
Lab ID: 510194-006
Collected: 06/12/24 12:20
Matrix: Soil

510194-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B									
Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Freon 12	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Chloromethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Vinyl Chloride	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Bromomethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Chloroethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Trichlorofluoromethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Acetone	ND		ug/Kg	56	0.56	343686	06/26/24	06/26/24	TCN
Freon 113	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,1-Dichloroethene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Methylene Chloride	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
MTBE	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,1-Dichloroethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
2-Butanone	ND		ug/Kg	56	0.56	343686	06/26/24	06/26/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
2,2-Dichloropropane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Chloroform	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Bromochloromethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,1-Dichloropropene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Carbon Tetrachloride	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,2-Dichloroethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Benzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Trichloroethene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,2-Dichloropropane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Bromodichloromethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Dibromomethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
4-Methyl-2-Pentanone	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Toluene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,3-Dichloropropane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Tetrachloroethene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Dibromochloromethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,2-Dibromoethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Chlorobenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Ethylbenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
m,p-Xylenes	ND		ug/Kg	5.6	0.56	343686	06/26/24	06/26/24	TCN
o-Xylene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Styrene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN

Analysis Results for 510194

510194-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Bromoform	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Isopropylbenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Propylbenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Bromobenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
2-Chlorotoluene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
4-Chlorotoluene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
tert-Butylbenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
sec-Butylbenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
n-Butylbenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Hexachlorobutadiene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Naphthalene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Xylene (total)	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Surrogates	Limits								
Dibromofluoromethane	102%		%REC	70-145	0.56	343686	06/26/24	06/26/24	TCN
1,2-Dichloroethane-d4	113%		%REC	70-145	0.56	343686	06/26/24	06/26/24	TCN
Toluene-d8	100%		%REC	70-145	0.56	343686	06/26/24	06/26/24	TCN
Bromofluorobenzene	105%		%REC	70-145	0.56	343686	06/26/24	06/26/24	TCN

Analysis Results for 510194

Sample ID: VP3-15
Lab ID: 510194-007
Collected: 06/12/24 12:25
Matrix: Soil

510194-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B									
Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
Freon 12	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
Chloromethane	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
Vinyl Chloride	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
Bromomethane	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
Chloroethane	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
Trichlorofluoromethane	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
Acetone	ND		ug/Kg	52	0.52	343686	06/26/24	06/26/24	TCN
Freon 113	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
1,1-Dichloroethene	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
Methylene Chloride	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
MTBE	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
1,1-Dichloroethane	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
2-Butanone	ND		ug/Kg	52	0.52	343686	06/26/24	06/26/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
2,2-Dichloropropane	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
Chloroform	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
Bromochloromethane	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
1,1-Dichloropropene	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
Carbon Tetrachloride	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
1,2-Dichloroethane	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
Benzene	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
Trichloroethene	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
1,2-Dichloropropane	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
Bromodichloromethane	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
Dibromomethane	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
4-Methyl-2-Pentanone	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
Toluene	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
1,3-Dichloropropane	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
Tetrachloroethene	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
Dibromochloromethane	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
1,2-Dibromoethane	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
Chlorobenzene	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
Ethylbenzene	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
m,p-Xylenes	ND		ug/Kg	5.2	0.52	343686	06/26/24	06/26/24	TCN
o-Xylene	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
Styrene	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN

Analysis Results for 510194

510194-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Bromoform	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
Isopropylbenzene	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
Propylbenzene	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
Bromobenzene	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
2-Chlorotoluene	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
4-Chlorotoluene	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
tert-Butylbenzene	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
sec-Butylbenzene	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
n-Butylbenzene	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
Hexachlorobutadiene	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
Naphthalene	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
Xylene (total)	ND		ug/Kg	2.6	0.52	343686	06/26/24	06/26/24	TCN
Surrogates	Limits								
Dibromofluoromethane	103%		%REC	70-145	0.52	343686	06/26/24	06/26/24	TCN
1,2-Dichloroethane-d4	111%		%REC	70-145	0.52	343686	06/26/24	06/26/24	TCN
Toluene-d8	101%		%REC	70-145	0.52	343686	06/26/24	06/26/24	TCN
Bromofluorobenzene	104%		%REC	70-145	0.52	343686	06/26/24	06/26/24	TCN

Analysis Results for 510194

Sample ID: VP2-5
Lab ID: 510194-008
Collected: 06/12/24 11:15
Matrix: Soil

510194-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B									
Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
Freon 12	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
Chloromethane	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
Vinyl Chloride	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
Bromomethane	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
Chloroethane	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
Trichlorofluoromethane	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
Acetone	ND		ug/Kg	66	0.66	343686	06/26/24	06/26/24	TCN
Freon 113	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
1,1-Dichloroethene	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
Methylene Chloride	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
MTBE	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
1,1-Dichloroethane	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
2-Butanone	ND		ug/Kg	66	0.66	343686	06/26/24	06/26/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
2,2-Dichloropropane	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
Chloroform	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
Bromochloromethane	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
1,1-Dichloropropene	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
Carbon Tetrachloride	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
1,2-Dichloroethane	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
Benzene	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
Trichloroethene	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
1,2-Dichloropropane	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
Bromodichloromethane	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
Dibromomethane	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
4-Methyl-2-Pentanone	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
Toluene	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
1,3-Dichloropropane	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
Tetrachloroethene	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
Dibromochloromethane	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
1,2-Dibromoethane	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
Chlorobenzene	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
Ethylbenzene	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
m,p-Xylenes	ND		ug/Kg	6.6	0.66	343686	06/26/24	06/26/24	TCN
o-Xylene	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
Styrene	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN

Analysis Results for 510194

510194-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Bromoform	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
Isopropylbenzene	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
Propylbenzene	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
Bromobenzene	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
2-Chlorotoluene	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
4-Chlorotoluene	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
tert-Butylbenzene	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
sec-Butylbenzene	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
n-Butylbenzene	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
Hexachlorobutadiene	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
Naphthalene	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
Xylene (total)	ND		ug/Kg	3.3	0.66	343686	06/26/24	06/26/24	TCN
Surrogates	Limits								
Dibromofluoromethane	100%		%REC	70-145	0.66	343686	06/26/24	06/26/24	TCN
1,2-Dichloroethane-d4	104%		%REC	70-145	0.66	343686	06/26/24	06/26/24	TCN
Toluene-d8	103%		%REC	70-145	0.66	343686	06/26/24	06/26/24	TCN
Bromofluorobenzene	103%		%REC	70-145	0.66	343686	06/26/24	06/26/24	TCN

Analysis Results for 510194

Sample ID: VP2-15
Lab ID: 510194-009
Collected: 06/12/24 11:20
Matrix: Soil

510194-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B									
Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Freon 12	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Chloromethane	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Vinyl Chloride	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Bromomethane	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Chloroethane	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Trichlorofluoromethane	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Acetone	ND		ug/Kg	55	0.55	343686	06/26/24	06/26/24	TCN
Freon 113	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
1,1-Dichloroethene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Methylene Chloride	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
MTBE	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
1,1-Dichloroethane	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
2-Butanone	ND		ug/Kg	55	0.55	343686	06/26/24	06/26/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
2,2-Dichloropropane	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Chloroform	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Bromochloromethane	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
1,1-Dichloropropene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Carbon Tetrachloride	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
1,2-Dichloroethane	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Benzene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Trichloroethene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
1,2-Dichloropropane	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Bromodichloromethane	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Dibromomethane	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
4-Methyl-2-Pentanone	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Toluene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
1,3-Dichloropropane	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Tetrachloroethene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Dibromochloromethane	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
1,2-Dibromoethane	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Chlorobenzene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Ethylbenzene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
m,p-Xylenes	ND		ug/Kg	5.5	0.55	343686	06/26/24	06/26/24	TCN
o-Xylene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Styrene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN

Analysis Results for 510194

510194-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Bromoform	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Isopropylbenzene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Propylbenzene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Bromobenzene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
2-Chlorotoluene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
4-Chlorotoluene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
tert-Butylbenzene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
sec-Butylbenzene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
n-Butylbenzene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Hexachlorobutadiene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Naphthalene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Xylene (total)	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Surrogates	Limits								
Dibromofluoromethane	101%		%REC	70-145	0.55	343686	06/26/24	06/26/24	TCN
1,2-Dichloroethane-d4	111%		%REC	70-145	0.55	343686	06/26/24	06/26/24	TCN
Toluene-d8	101%		%REC	70-145	0.55	343686	06/26/24	06/26/24	TCN
Bromofluorobenzene	101%		%REC	70-145	0.55	343686	06/26/24	06/26/24	TCN

Analysis Results for 510194

Sample ID: VP6-15
Lab ID: 510194-010
Collected: 06/12/24 13:00
Matrix: Soil

510194-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B									
Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Freon 12	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Chloromethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Vinyl Chloride	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Bromomethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Chloroethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Trichlorofluoromethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Acetone	ND		ug/Kg	56	0.56	343686	06/26/24	06/26/24	TCN
Freon 113	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,1-Dichloroethene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Methylene Chloride	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
MTBE	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,1-Dichloroethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
2-Butanone	ND		ug/Kg	56	0.56	343686	06/26/24	06/26/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
2,2-Dichloropropane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Chloroform	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Bromochloromethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,1-Dichloropropene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Carbon Tetrachloride	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,2-Dichloroethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Benzene	5.7		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Trichloroethene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,2-Dichloropropane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Bromodichloromethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Dibromomethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
4-Methyl-2-Pentanone	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Toluene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,3-Dichloropropane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Tetrachloroethene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Dibromochloromethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,2-Dibromoethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Chlorobenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Ethylbenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
m,p-Xylenes	ND		ug/Kg	5.6	0.56	343686	06/26/24	06/26/24	TCN
o-Xylene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Styrene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN

Analysis Results for 510194

510194-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Bromoform	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Isopropylbenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Propylbenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Bromobenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
2-Chlorotoluene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
4-Chlorotoluene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
tert-Butylbenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
sec-Butylbenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
n-Butylbenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Hexachlorobutadiene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Naphthalene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Xylene (total)	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Surrogates	Limits								
Dibromofluoromethane	102%		%REC	70-145	0.56	343686	06/26/24	06/26/24	TCN
1,2-Dichloroethane-d4	112%		%REC	70-145	0.56	343686	06/26/24	06/26/24	TCN
Toluene-d8	99%		%REC	70-145	0.56	343686	06/26/24	06/26/24	TCN
Bromofluorobenzene	104%		%REC	70-145	0.56	343686	06/26/24	06/26/24	TCN

Analysis Results for 510194

Sample ID: VP1-5
Lab ID: 510194-011
Collected: 06/12/24 10:40
Matrix: Soil

510194-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B									
Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
Freon 12	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
Chloromethane	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
Vinyl Chloride	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
Bromomethane	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
Chloroethane	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
Trichlorofluoromethane	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
Acetone	ND		ug/Kg	65	0.65	343686	06/26/24	06/26/24	TCN
Freon 113	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
1,1-Dichloroethene	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
Methylene Chloride	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
MTBE	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
1,1-Dichloroethane	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
2-Butanone	ND		ug/Kg	65	0.65	343686	06/26/24	06/26/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
2,2-Dichloropropane	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
Chloroform	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
Bromochloromethane	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
1,1-Dichloropropene	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
Carbon Tetrachloride	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
1,2-Dichloroethane	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
Benzene	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
Trichloroethene	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
1,2-Dichloropropane	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
Bromodichloromethane	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
Dibromomethane	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
4-Methyl-2-Pentanone	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
Toluene	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
1,3-Dichloropropane	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
Tetrachloroethene	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
Dibromochloromethane	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
1,2-Dibromoethane	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
Chlorobenzene	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
Ethylbenzene	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
m,p-Xylenes	ND		ug/Kg	6.5	0.65	343686	06/26/24	06/26/24	TCN
o-Xylene	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
Styrene	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN

Analysis Results for 510194

510194-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Bromoform	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
Isopropylbenzene	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
Propylbenzene	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
Bromobenzene	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
2-Chlorotoluene	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
4-Chlorotoluene	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
tert-Butylbenzene	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
sec-Butylbenzene	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
n-Butylbenzene	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
Hexachlorobutadiene	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
Naphthalene	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
Xylene (total)	ND		ug/Kg	3.2	0.65	343686	06/26/24	06/26/24	TCN
Surrogates	Limits								
Dibromofluoromethane	104%		%REC	70-145	0.65	343686	06/26/24	06/26/24	TCN
1,2-Dichloroethane-d4	111%		%REC	70-145	0.65	343686	06/26/24	06/26/24	TCN
Toluene-d8	99%		%REC	70-145	0.65	343686	06/26/24	06/26/24	TCN
Bromofluorobenzene	104%		%REC	70-145	0.65	343686	06/26/24	06/26/24	TCN

Analysis Results for 510194

Sample ID: VP1-15
Lab ID: 510194-012
Collected: 06/12/24 10:45
Matrix: Soil

510194-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B									
Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Freon 12	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Chloromethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Vinyl Chloride	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Bromomethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Chloroethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Trichlorofluoromethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Acetone	ND		ug/Kg	56	0.56	343686	06/26/24	06/26/24	TCN
Freon 113	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,1-Dichloroethene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Methylene Chloride	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
MTBE	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,1-Dichloroethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
2-Butanone	ND		ug/Kg	56	0.56	343686	06/26/24	06/26/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
2,2-Dichloropropane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Chloroform	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Bromochloromethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,1-Dichloropropene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Carbon Tetrachloride	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,2-Dichloroethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Benzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Trichloroethene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,2-Dichloropropane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Bromodichloromethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Dibromomethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
4-Methyl-2-Pentanone	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Toluene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,3-Dichloropropane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Tetrachloroethene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Dibromochloromethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,2-Dibromoethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Chlorobenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Ethylbenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
m,p-Xylenes	ND		ug/Kg	5.6	0.56	343686	06/26/24	06/26/24	TCN
o-Xylene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Styrene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN

Analysis Results for 510194

510194-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Bromoform	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Isopropylbenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Propylbenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Bromobenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
2-Chlorotoluene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
4-Chlorotoluene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
tert-Butylbenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
sec-Butylbenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
n-Butylbenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Hexachlorobutadiene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Naphthalene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Xylene (total)	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Surrogates	Limits								
Dibromofluoromethane	106%		%REC	70-145	0.56	343686	06/26/24	06/26/24	TCN
1,2-Dichloroethane-d4	117%		%REC	70-145	0.56	343686	06/26/24	06/26/24	TCN
Toluene-d8	100%		%REC	70-145	0.56	343686	06/26/24	06/26/24	TCN
Bromofluorobenzene	102%		%REC	70-145	0.56	343686	06/26/24	06/26/24	TCN

Analysis Results for 510194

Sample ID: VP5-5
Lab ID: 510194-013
Collected: 06/12/24 13:55
Matrix: Soil

510194-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B									
Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Freon 12	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Chloromethane	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Vinyl Chloride	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Bromomethane	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Chloroethane	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Trichlorofluoromethane	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Acetone	ND		ug/Kg	55	0.55	343686	06/26/24	06/26/24	TCN
Freon 113	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
1,1-Dichloroethene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Methylene Chloride	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
MTBE	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
1,1-Dichloroethane	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
2-Butanone	ND		ug/Kg	55	0.55	343686	06/26/24	06/26/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
2,2-Dichloropropane	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Chloroform	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Bromochloromethane	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
1,1-Dichloropropene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Carbon Tetrachloride	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
1,2-Dichloroethane	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Benzene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Trichloroethene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
1,2-Dichloropropane	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Bromodichloromethane	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Dibromomethane	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
4-Methyl-2-Pentanone	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Toluene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
1,3-Dichloropropane	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Tetrachloroethene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Dibromochloromethane	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
1,2-Dibromoethane	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Chlorobenzene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Ethylbenzene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
m,p-Xylenes	ND		ug/Kg	5.5	0.55	343686	06/26/24	06/26/24	TCN
o-Xylene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Styrene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN

Analysis Results for 510194

510194-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Bromoform	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Isopropylbenzene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Propylbenzene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Bromobenzene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
2-Chlorotoluene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
4-Chlorotoluene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
tert-Butylbenzene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
sec-Butylbenzene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
n-Butylbenzene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Hexachlorobutadiene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Naphthalene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Xylene (total)	ND		ug/Kg	2.7	0.55	343686	06/26/24	06/26/24	TCN
Surrogates	Limits								
Dibromofluoromethane	105%		%REC	70-145	0.55	343686	06/26/24	06/26/24	TCN
1,2-Dichloroethane-d4	113%		%REC	70-145	0.55	343686	06/26/24	06/26/24	TCN
Toluene-d8	100%		%REC	70-145	0.55	343686	06/26/24	06/26/24	TCN
Bromofluorobenzene	105%		%REC	70-145	0.55	343686	06/26/24	06/26/24	TCN

Analysis Results for 510194

Sample ID: VP5-5DUP
Lab ID: 510194-014
Collected: 06/12/24 14:00
Matrix: Soil

510194-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B									
Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Freon 12	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Chloromethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Vinyl Chloride	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Bromomethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Chloroethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Trichlorofluoromethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Acetone	ND		ug/Kg	56	0.56	343686	06/26/24	06/26/24	TCN
Freon 113	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,1-Dichloroethene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Methylene Chloride	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
MTBE	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,1-Dichloroethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
2-Butanone	ND		ug/Kg	56	0.56	343686	06/26/24	06/26/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
2,2-Dichloropropane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Chloroform	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Bromochloromethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,1-Dichloropropene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Carbon Tetrachloride	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,2-Dichloroethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Benzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Trichloroethene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,2-Dichloropropane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Bromodichloromethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Dibromomethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
4-Methyl-2-Pentanone	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Toluene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,3-Dichloropropane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Tetrachloroethene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Dibromochloromethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,2-Dibromoethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Chlorobenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Ethylbenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
m,p-Xylenes	ND		ug/Kg	5.6	0.56	343686	06/26/24	06/26/24	TCN
o-Xylene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Styrene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN

Analysis Results for 510194

510194-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Bromoform	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Isopropylbenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Propylbenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Bromobenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
2-Chlorotoluene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
4-Chlorotoluene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
tert-Butylbenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
sec-Butylbenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
n-Butylbenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Hexachlorobutadiene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Naphthalene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Xylene (total)	ND		ug/Kg	2.8	0.56	343686	06/26/24	06/26/24	TCN
Surrogates	Limits								
Dibromofluoromethane	102%		%REC	70-145	0.56	343686	06/26/24	06/26/24	TCN
1,2-Dichloroethane-d4	111%		%REC	70-145	0.56	343686	06/26/24	06/26/24	TCN
Toluene-d8	102%		%REC	70-145	0.56	343686	06/26/24	06/26/24	TCN
Bromofluorobenzene	106%		%REC	70-145	0.56	343686	06/26/24	06/26/24	TCN

Analysis Results for 510194

Sample ID: VP5-15
Lab ID: 510194-015
Collected: 06/12/24 14:05
Matrix: Soil

510194-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B									
Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
Freon 12	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
Chloromethane	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
Vinyl Chloride	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
Bromomethane	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
Chloroethane	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
Trichlorofluoromethane	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
Acetone	ND		ug/Kg	62	0.62	343686	06/26/24	06/26/24	TCN
Freon 113	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
1,1-Dichloroethene	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
Methylene Chloride	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
MTBE	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
1,1-Dichloroethane	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
2-Butanone	ND		ug/Kg	62	0.62	343686	06/26/24	06/26/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
2,2-Dichloropropane	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
Chloroform	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
Bromochloromethane	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
1,1-Dichloropropene	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
Carbon Tetrachloride	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
1,2-Dichloroethane	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
Benzene	6.9		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
Trichloroethene	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
1,2-Dichloropropane	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
Bromodichloromethane	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
Dibromomethane	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
4-Methyl-2-Pentanone	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
Toluene	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
1,3-Dichloropropane	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
Tetrachloroethene	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
Dibromochloromethane	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
1,2-Dibromoethane	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
Chlorobenzene	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
Ethylbenzene	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
m,p-Xylenes	ND		ug/Kg	6.2	0.62	343686	06/26/24	06/26/24	TCN
o-Xylene	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
Styrene	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN

Analysis Results for 510194

510194-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Bromoform	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
Isopropylbenzene	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
Propylbenzene	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
Bromobenzene	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
2-Chlorotoluene	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
4-Chlorotoluene	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
tert-Butylbenzene	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
sec-Butylbenzene	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
n-Butylbenzene	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
Hexachlorobutadiene	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
Naphthalene	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
Xylene (total)	ND		ug/Kg	3.1	0.62	343686	06/26/24	06/26/24	TCN
Surrogates	Limits								
Dibromofluoromethane	103%		%REC	70-145	0.62	343686	06/26/24	06/26/24	TCN
1,2-Dichloroethane-d4	111%		%REC	70-145	0.62	343686	06/26/24	06/26/24	TCN
Toluene-d8	100%		%REC	70-145	0.62	343686	06/26/24	06/26/24	TCN
Bromofluorobenzene	100%		%REC	70-145	0.62	343686	06/26/24	06/26/24	TCN

ND Not Detected

Batch QC

Type: Lab Control Sample	Lab ID: QC1163370	Batch: 343352
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1163370 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	49.54	50.00	ug/L	99%		70-135
MTBE	47.57	50.00	ug/L	95%		70-130
Benzene	50.81	50.00	ug/L	102%		70-130
Trichloroethene	52.39	50.00	ug/L	105%		70-130
Toluene	52.21	50.00	ug/L	104%		70-130
Chlorobenzene	52.11	50.00	ug/L	104%		70-130
Surrogates						
Dibromofluoromethane	49.50	50.00	ug/L	99%		70-130
1,2-Dichloroethane-d4	50.57	50.00	ug/L	101%		70-130
Toluene-d8	50.42	50.00	ug/L	101%		70-130
Bromofluorobenzene	51.41	50.00	ug/L	103%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1163371	Batch: 343352
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1163371 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	44.34	50.00	ug/L	89%		70-135	11	30
MTBE	45.41	50.00	ug/L	91%		70-130	5	30
Benzene	46.29	50.00	ug/L	93%		70-130	9	30
Trichloroethene	48.02	50.00	ug/L	96%		70-130	9	30
Toluene	47.40	50.00	ug/L	95%		70-130	10	30
Chlorobenzene	47.28	50.00	ug/L	95%		70-130	10	30
Surrogates								
Dibromofluoromethane	49.80	50.00	ug/L	100%		70-130		
1,2-Dichloroethane-d4	49.08	50.00	ug/L	98%		70-130		
Toluene-d8	50.16	50.00	ug/L	100%		70-130		
Bromofluorobenzene	50.73	50.00	ug/L	101%		70-130		

Batch QC

Type: Blank	Lab ID: QC1163375	Batch: 343352
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1163375 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	06/21/24	06/21/24
Freon 12	ND		ug/L	5.0	06/21/24	06/21/24
Chloromethane	ND		ug/L	5.0	06/21/24	06/21/24
Vinyl Chloride	ND		ug/L	5.0	06/21/24	06/21/24
Bromomethane	ND		ug/L	5.0	06/21/24	06/21/24
Chloroethane	ND		ug/L	5.0	06/21/24	06/21/24
Trichlorofluoromethane	ND		ug/L	5.0	06/21/24	06/21/24
Acetone	ND		ug/L	100	06/21/24	06/21/24
Freon 113	ND		ug/L	5.0	06/21/24	06/21/24
1,1-Dichloroethene	ND		ug/L	5.0	06/21/24	06/21/24
Methylene Chloride	ND		ug/L	5.0	06/21/24	06/21/24
MTBE	ND		ug/L	5.0	06/21/24	06/21/24
trans-1,2-Dichloroethene	ND		ug/L	5.0	06/21/24	06/21/24
1,1-Dichloroethane	ND		ug/L	5.0	06/21/24	06/21/24
2-Butanone	ND		ug/L	100	06/21/24	06/21/24
cis-1,2-Dichloroethene	ND		ug/L	5.0	06/21/24	06/21/24
2,2-Dichloropropane	ND		ug/L	5.0	06/21/24	06/21/24
Chloroform	ND		ug/L	5.0	06/21/24	06/21/24
Bromochloromethane	ND		ug/L	5.0	06/21/24	06/21/24
1,1,1-Trichloroethane	ND		ug/L	5.0	06/21/24	06/21/24
1,1-Dichloropropene	ND		ug/L	5.0	06/21/24	06/21/24
Carbon Tetrachloride	ND		ug/L	5.0	06/21/24	06/21/24
1,2-Dichloroethane	ND		ug/L	5.0	06/21/24	06/21/24
Benzene	ND		ug/L	5.0	06/21/24	06/21/24
Trichloroethene	ND		ug/L	5.0	06/21/24	06/21/24
1,2-Dichloropropane	ND		ug/L	5.0	06/21/24	06/21/24
Bromodichloromethane	ND		ug/L	5.0	06/21/24	06/21/24
Dibromomethane	ND		ug/L	5.0	06/21/24	06/21/24
4-Methyl-2-Pentanone	ND		ug/L	5.0	06/21/24	06/21/24
cis-1,3-Dichloropropene	ND		ug/L	5.0	06/21/24	06/21/24
Toluene	ND		ug/L	5.0	06/21/24	06/21/24
trans-1,3-Dichloropropene	ND		ug/L	5.0	06/21/24	06/21/24
1,1,2-Trichloroethane	ND		ug/L	5.0	06/21/24	06/21/24
1,3-Dichloropropane	ND		ug/L	5.0	06/21/24	06/21/24
Tetrachloroethene	ND		ug/L	5.0	06/21/24	06/21/24
Dibromochloromethane	ND		ug/L	5.0	06/21/24	06/21/24
1,2-Dibromoethane	ND		ug/L	5.0	06/21/24	06/21/24
Chlorobenzene	ND		ug/L	5.0	06/21/24	06/21/24
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	06/21/24	06/21/24
Ethylbenzene	ND		ug/L	5.0	06/21/24	06/21/24
m,p-Xylenes	ND		ug/L	10	06/21/24	06/21/24
o-Xylene	ND		ug/L	5.0	06/21/24	06/21/24
Styrene	ND		ug/L	5.0	06/21/24	06/21/24
Bromoform	ND		ug/L	5.0	06/21/24	06/21/24
Isopropylbenzene	ND		ug/L	5.0	06/21/24	06/21/24
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	06/21/24	06/21/24
1,2,3-Trichloropropane	ND		ug/L	5.0	06/21/24	06/21/24

Batch QC

QC1163375 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	06/21/24	06/21/24
Bromobenzene	ND		ug/L	5.0	06/21/24	06/21/24
1,3,5-Trimethylbenzene	ND		ug/L	5.0	06/21/24	06/21/24
2-Chlorotoluene	ND		ug/L	5.0	06/21/24	06/21/24
4-Chlorotoluene	ND		ug/L	5.0	06/21/24	06/21/24
tert-Butylbenzene	ND		ug/L	5.0	06/21/24	06/21/24
1,2,4-Trimethylbenzene	ND		ug/L	5.0	06/21/24	06/21/24
sec-Butylbenzene	ND		ug/L	5.0	06/21/24	06/21/24
para-Isopropyl Toluene	ND		ug/L	5.0	06/21/24	06/21/24
1,3-Dichlorobenzene	ND		ug/L	5.0	06/21/24	06/21/24
1,4-Dichlorobenzene	ND		ug/L	5.0	06/21/24	06/21/24
n-Butylbenzene	ND		ug/L	5.0	06/21/24	06/21/24
1,2-Dichlorobenzene	ND		ug/L	5.0	06/21/24	06/21/24
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	06/21/24	06/21/24
1,2,4-Trichlorobenzene	ND		ug/L	5.0	06/21/24	06/21/24
Hexachlorobutadiene	ND		ug/L	5.0	06/21/24	06/21/24
Naphthalene	ND		ug/L	5.0	06/21/24	06/21/24
1,2,3-Trichlorobenzene	ND		ug/L	5.0	06/21/24	06/21/24
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	06/21/24	06/21/24
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	06/21/24	06/21/24
Xylene (total)	ND		ug/L	5.0	06/21/24	06/21/24
Surrogates	Limits					
Dibromofluoromethane	97%		%REC	70-130	06/21/24	06/21/24
1,2-Dichloroethane-d4	100%		%REC	70-130	06/21/24	06/21/24
Toluene-d8	99%		%REC	70-130	06/21/24	06/21/24
Bromofluorobenzene	98%		%REC	70-130	06/21/24	06/21/24

Type: Matrix Spike	Lab ID: QC1163417	Batch: 343352
Matrix (Source ID): Water (510470-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1163417 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	59.21	ND	50.00	ug/L	118%		70-130	1
MTBE	49.88	ND	50.00	ug/L	100%		75-130	1
Benzene	55.16	ND	50.00	ug/L	110%		70-130	1
Trichloroethene	57.04	0.3320	50.00	ug/L	113%		63-130	1
Toluene	54.61	ND	50.00	ug/L	109%		70-130	1
Chlorobenzene	54.29	ND	50.00	ug/L	109%		70-130	1
Surrogates								
Dibromofluoromethane	50.87		50.00	ug/L	102%		70-130	1
1,2-Dichloroethane-d4	50.21		50.00	ug/L	100%		70-130	1
Toluene-d8	49.72		50.00	ug/L	99%		70-130	1
Bromofluorobenzene	50.63		50.00	ug/L	101%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1163418	Batch: 343352
Matrix (Source ID): Water (510470-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1163418 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	51.37	ND	50.00	ug/L	103%		70-130	14	30	1
MTBE	46.05	ND	50.00	ug/L	92%		75-130	8	30	1
Benzene	49.15	ND	50.00	ug/L	98%		70-130	12	30	1
Trichloroethene	51.34	0.3320	50.00	ug/L	102%		63-130	11	30	1
Toluene	48.71	ND	50.00	ug/L	97%		70-130	11	30	1
Chlorobenzene	48.23	ND	50.00	ug/L	96%		70-130	12	30	1
Surrogates										
Dibromofluoromethane	50.12		50.00	ug/L	100%		70-130			1
1,2-Dichloroethane-d4	50.02		50.00	ug/L	100%		70-130			1
Toluene-d8	50.03		50.00	ug/L	100%		70-130			1
Bromofluorobenzene	50.38		50.00	ug/L	101%		70-130			1

Type: Lab Control Sample	Lab ID: QC1164468	Batch: 343686
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1164468 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	52.30	50.00	ug/Kg	105%		70-131
MTBE	52.04	50.00	ug/Kg	104%		69-130
Benzene	51.17	50.00	ug/Kg	102%		70-130
Trichloroethene	44.40	50.00	ug/Kg	89%		70-130
Toluene	51.33	50.00	ug/Kg	103%		70-130
Chlorobenzene	52.63	50.00	ug/Kg	105%		70-130
Surrogates						
Dibromofluoromethane	49.54	50.00	ug/Kg	99%		70-130
1,2-Dichloroethane-d4	49.32	50.00	ug/Kg	99%		70-145
Toluene-d8	50.90	50.00	ug/Kg	102%		70-145
Bromofluorobenzene	49.81	50.00	ug/Kg	100%		70-145

Type: Lab Control Sample Duplicate	Lab ID: QC1164469	Batch: 343686
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1164469 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	48.35	50.00	ug/Kg	97%		70-131	8	33
MTBE	48.95	50.00	ug/Kg	98%		69-130	6	30
Benzene	47.51	50.00	ug/Kg	95%		70-130	7	30
Trichloroethene	41.48	50.00	ug/Kg	83%		70-130	7	30
Toluene	46.64	50.00	ug/Kg	93%		70-130	10	30
Chlorobenzene	48.20	50.00	ug/Kg	96%		70-130	9	30
Surrogates								
Dibromofluoromethane	50.56	50.00	ug/Kg	101%		70-130		
1,2-Dichloroethane-d4	49.26	50.00	ug/Kg	99%		70-145		
Toluene-d8	50.45	50.00	ug/Kg	101%		70-145		
Bromofluorobenzene	47.90	50.00	ug/Kg	96%		70-145		

Batch QC

Type: Blank	Lab ID: QC1164470	Batch: 343686
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1164470 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	250	06/25/24	06/25/24
cis-1,4-Dichloro-2-butene	ND		ug/Kg	250	06/25/24	06/25/24
trans-1,4-Dichloro-2-butene	ND		ug/Kg	250	06/25/24	06/25/24
Freon 12	ND		ug/Kg	250	06/25/24	06/25/24
Chloromethane	ND		ug/Kg	250	06/25/24	06/25/24
Vinyl Chloride	ND		ug/Kg	250	06/25/24	06/25/24
Bromomethane	ND		ug/Kg	250	06/25/24	06/25/24
Chloroethane	ND		ug/Kg	250	06/25/24	06/25/24
Trichlorofluoromethane	ND		ug/Kg	250	06/25/24	06/25/24
Acetone	ND		ug/Kg	5,000	06/25/24	06/25/24
Freon 113	ND		ug/Kg	250	06/25/24	06/25/24
1,1-Dichloroethene	ND		ug/Kg	250	06/25/24	06/25/24
Methylene Chloride	ND		ug/Kg	400	06/25/24	06/25/24
MTBE	ND		ug/Kg	250	06/25/24	06/25/24
trans-1,2-Dichloroethene	ND		ug/Kg	250	06/25/24	06/25/24
1,1-Dichloroethane	ND		ug/Kg	250	06/25/24	06/25/24
2-Butanone	ND		ug/Kg	5,000	06/25/24	06/25/24
cis-1,2-Dichloroethene	ND		ug/Kg	250	06/25/24	06/25/24
2,2-Dichloropropane	ND		ug/Kg	250	06/25/24	06/25/24
Chloroform	ND		ug/Kg	250	06/25/24	06/25/24
Bromochloromethane	ND		ug/Kg	250	06/25/24	06/25/24
1,1,1-Trichloroethane	ND		ug/Kg	250	06/25/24	06/25/24
1,1-Dichloropropene	ND		ug/Kg	250	06/25/24	06/25/24
Carbon Tetrachloride	ND		ug/Kg	250	06/25/24	06/25/24
1,2-Dichloroethane	ND		ug/Kg	250	06/25/24	06/25/24
Benzene	ND		ug/Kg	250	06/25/24	06/25/24
Trichloroethene	ND		ug/Kg	250	06/25/24	06/25/24
1,2-Dichloropropane	ND		ug/Kg	250	06/25/24	06/25/24
Bromodichloromethane	ND		ug/Kg	250	06/25/24	06/25/24
Dibromomethane	ND		ug/Kg	250	06/25/24	06/25/24
4-Methyl-2-Pentanone	ND		ug/Kg	250	06/25/24	06/25/24
cis-1,3-Dichloropropene	ND		ug/Kg	250	06/25/24	06/25/24
Toluene	ND		ug/Kg	250	06/25/24	06/25/24
trans-1,3-Dichloropropene	ND		ug/Kg	250	06/25/24	06/25/24
1,1,2-Trichloroethane	ND		ug/Kg	250	06/25/24	06/25/24
1,3-Dichloropropane	ND		ug/Kg	250	06/25/24	06/25/24
Tetrachloroethene	ND		ug/Kg	250	06/25/24	06/25/24
Dibromochloromethane	ND		ug/Kg	250	06/25/24	06/25/24
1,2-Dibromoethane	ND		ug/Kg	250	06/25/24	06/25/24
Chlorobenzene	ND		ug/Kg	250	06/25/24	06/25/24
1,1,1,2-Tetrachloroethane	ND		ug/Kg	250	06/25/24	06/25/24
Ethylbenzene	ND		ug/Kg	250	06/25/24	06/25/24
m,p-Xylenes	ND		ug/Kg	500	06/25/24	06/25/24
o-Xylene	ND		ug/Kg	250	06/25/24	06/25/24
Styrene	ND		ug/Kg	250	06/25/24	06/25/24
Bromoform	ND		ug/Kg	250	06/25/24	06/25/24
Isopropylbenzene	ND		ug/Kg	250	06/25/24	06/25/24

Batch QC

QC1164470 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,1,2,2-Tetrachloroethane	ND		ug/Kg	250	06/25/24	06/25/24
1,2,3-Trichloropropane	ND		ug/Kg	250	06/25/24	06/25/24
Propylbenzene	ND		ug/Kg	250	06/25/24	06/25/24
Bromobenzene	ND		ug/Kg	250	06/25/24	06/25/24
1,3,5-Trimethylbenzene	ND		ug/Kg	250	06/25/24	06/25/24
2-Chlorotoluene	ND		ug/Kg	250	06/25/24	06/25/24
4-Chlorotoluene	ND		ug/Kg	250	06/25/24	06/25/24
tert-Butylbenzene	ND		ug/Kg	250	06/25/24	06/25/24
1,2,4-Trimethylbenzene	ND		ug/Kg	250	06/25/24	06/25/24
sec-Butylbenzene	ND		ug/Kg	250	06/25/24	06/25/24
para-Isopropyl Toluene	ND		ug/Kg	250	06/25/24	06/25/24
1,3-Dichlorobenzene	ND		ug/Kg	250	06/25/24	06/25/24
1,4-Dichlorobenzene	ND		ug/Kg	250	06/25/24	06/25/24
n-Butylbenzene	ND		ug/Kg	250	06/25/24	06/25/24
1,2-Dichlorobenzene	ND		ug/Kg	250	06/25/24	06/25/24
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	250	06/25/24	06/25/24
1,2,4-Trichlorobenzene	ND		ug/Kg	250	06/25/24	06/25/24
Hexachlorobutadiene	ND		ug/Kg	250	06/25/24	06/25/24
Naphthalene	ND		ug/Kg	250	06/25/24	06/25/24
1,2,3-Trichlorobenzene	ND		ug/Kg	250	06/25/24	06/25/24
Xylene (total)	ND		ug/Kg	250	06/25/24	06/25/24
Surrogates	Limits					
Dibromofluoromethane	101%		%REC	70-130	06/25/24	06/25/24
1,2-Dichloroethane-d4	98%		%REC	70-145	06/25/24	06/25/24
Toluene-d8	102%		%REC	70-145	06/25/24	06/25/24
Bromofluorobenzene	101%		%REC	70-145	06/25/24	06/25/24

Batch QC

Type: Blank	Lab ID: QC1164479	Batch: 343686
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1164479 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	06/25/24	06/25/24
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	06/25/24	06/25/24
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	06/25/24	06/25/24
Freon 12	ND		ug/Kg	5.0	06/25/24	06/25/24
Chloromethane	ND		ug/Kg	5.0	06/25/24	06/25/24
Vinyl Chloride	ND		ug/Kg	5.0	06/25/24	06/25/24
Bromomethane	ND		ug/Kg	5.0	06/25/24	06/25/24
Chloroethane	ND		ug/Kg	5.0	06/25/24	06/25/24
Trichlorofluoromethane	ND		ug/Kg	5.0	06/25/24	06/25/24
Acetone	ND		ug/Kg	100	06/25/24	06/25/24
Freon 113	ND		ug/Kg	5.0	06/25/24	06/25/24
1,1-Dichloroethene	ND		ug/Kg	5.0	06/25/24	06/25/24
Methylene Chloride	ND		ug/Kg	5.0	06/25/24	06/25/24
MTBE	ND		ug/Kg	5.0	06/25/24	06/25/24
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	06/25/24	06/25/24
1,1-Dichloroethane	ND		ug/Kg	5.0	06/25/24	06/25/24
2-Butanone	ND		ug/Kg	100	06/25/24	06/25/24
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	06/25/24	06/25/24
2,2-Dichloropropane	ND		ug/Kg	5.0	06/25/24	06/25/24
Chloroform	ND		ug/Kg	5.0	06/25/24	06/25/24
Bromochloromethane	ND		ug/Kg	5.0	06/25/24	06/25/24
1,1,1-Trichloroethane	ND		ug/Kg	5.0	06/25/24	06/25/24
1,1-Dichloropropene	ND		ug/Kg	5.0	06/25/24	06/25/24
Carbon Tetrachloride	ND		ug/Kg	5.0	06/25/24	06/25/24
1,2-Dichloroethane	ND		ug/Kg	5.0	06/25/24	06/25/24
Benzene	ND		ug/Kg	5.0	06/25/24	06/25/24
Trichloroethene	ND		ug/Kg	5.0	06/25/24	06/25/24
1,2-Dichloropropane	ND		ug/Kg	5.0	06/25/24	06/25/24
Bromodichloromethane	ND		ug/Kg	5.0	06/25/24	06/25/24
Dibromomethane	ND		ug/Kg	5.0	06/25/24	06/25/24
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	06/25/24	06/25/24
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	06/25/24	06/25/24
Toluene	ND		ug/Kg	5.0	06/25/24	06/25/24
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	06/25/24	06/25/24
1,1,2-Trichloroethane	ND		ug/Kg	5.0	06/25/24	06/25/24
1,3-Dichloropropane	ND		ug/Kg	5.0	06/25/24	06/25/24
Tetrachloroethene	ND		ug/Kg	5.0	06/25/24	06/25/24
Dibromochloromethane	ND		ug/Kg	5.0	06/25/24	06/25/24
1,2-Dibromoethane	ND		ug/Kg	5.0	06/25/24	06/25/24
Chlorobenzene	ND		ug/Kg	5.0	06/25/24	06/25/24
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	06/25/24	06/25/24
Ethylbenzene	ND		ug/Kg	5.0	06/25/24	06/25/24
m,p-Xylenes	ND		ug/Kg	10	06/25/24	06/25/24
o-Xylene	ND		ug/Kg	5.0	06/25/24	06/25/24
Styrene	ND		ug/Kg	5.0	06/25/24	06/25/24
Bromoform	ND		ug/Kg	5.0	06/25/24	06/25/24
Isopropylbenzene	ND		ug/Kg	5.0	06/25/24	06/25/24

Batch QC

QC1164479 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	06/25/24	06/25/24
1,2,3-Trichloropropane	ND		ug/Kg	5.0	06/25/24	06/25/24
Propylbenzene	ND		ug/Kg	5.0	06/25/24	06/25/24
Bromobenzene	ND		ug/Kg	5.0	06/25/24	06/25/24
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	06/25/24	06/25/24
2-Chlorotoluene	ND		ug/Kg	5.0	06/25/24	06/25/24
4-Chlorotoluene	ND		ug/Kg	5.0	06/25/24	06/25/24
tert-Butylbenzene	ND		ug/Kg	5.0	06/25/24	06/25/24
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	06/25/24	06/25/24
sec-Butylbenzene	ND		ug/Kg	5.0	06/25/24	06/25/24
para-Isopropyl Toluene	ND		ug/Kg	5.0	06/25/24	06/25/24
1,3-Dichlorobenzene	ND		ug/Kg	5.0	06/25/24	06/25/24
1,4-Dichlorobenzene	ND		ug/Kg	5.0	06/25/24	06/25/24
n-Butylbenzene	ND		ug/Kg	5.0	06/25/24	06/25/24
1,2-Dichlorobenzene	ND		ug/Kg	5.0	06/25/24	06/25/24
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	06/25/24	06/25/24
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	06/25/24	06/25/24
Hexachlorobutadiene	ND		ug/Kg	5.0	06/25/24	06/25/24
Naphthalene	ND		ug/Kg	5.0	06/25/24	06/25/24
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	06/25/24	06/25/24
Xylene (total)	ND		ug/Kg	5.0	06/25/24	06/25/24
Surrogates	Limits					
Dibromofluoromethane	99%		%REC	70-130	06/25/24	06/25/24
1,2-Dichloroethane-d4	96%		%REC	70-145	06/25/24	06/25/24
Toluene-d8	103%		%REC	70-145	06/25/24	06/25/24
Bromofluorobenzene	104%		%REC	70-145	06/25/24	06/25/24

Type: Matrix Spike	Lab ID: QC1164500	Batch: 343686
Matrix (Source ID): Soil (510602-008)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1164500 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	59.80	ND	50.00	ug/Kg	120%		70-141	1
MTBE	57.38	ND	50.00	ug/Kg	115%		59-130	1
Benzene	55.01	ND	50.00	ug/Kg	110%		70-130	1
Trichloroethene	47.55	ND	50.00	ug/Kg	95%		69-130	1
Toluene	52.97	ND	50.00	ug/Kg	106%		70-130	1
Chlorobenzene	55.56	ND	50.00	ug/Kg	111%		70-130	1
Surrogates								
Dibromofluoromethane	51.07		50.00	ug/Kg	102%		70-145	1
1,2-Dichloroethane-d4	49.72		50.00	ug/Kg	99%		70-145	1
Toluene-d8	49.90		50.00	ug/Kg	100%		70-145	1
Bromofluorobenzene	49.62		50.00	ug/Kg	99%		70-145	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1164501	Batch: 343686
Matrix (Source ID): Soil (510602-008)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1164501 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	57.55	ND	50.00	ug/Kg	115%		70-141	4	43	1
MTBE	55.03	ND	50.00	ug/Kg	110%		59-130	4	30	1
Benzene	53.09	ND	50.00	ug/Kg	106%		70-130	4	30	1
Trichloroethene	45.45	ND	50.00	ug/Kg	91%		69-130	5	30	1
Toluene	52.17	ND	50.00	ug/Kg	104%		70-130	2	30	1
Chlorobenzene	53.76	ND	50.00	ug/Kg	108%		70-130	3	30	1
Surrogates										
Dibromofluoromethane	49.20		50.00	ug/Kg	98%		70-145			1
1,2-Dichloroethane-d4	48.99		50.00	ug/Kg	98%		70-145			1
Toluene-d8	50.59		50.00	ug/Kg	101%		70-145			1
Bromofluorobenzene	49.18		50.00	ug/Kg	98%		70-145			1

ND Not Detected



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

enthalpy.com

Lab Job Number : 510325
Report Level : II
Report Date : 06/27/2024

Analytical Report *prepared for:*

Parya Saneipoor
Millenium Consulting Associates
4683 Chabot Drive, Suite 380
Pleasanton, CA 94588

Project: LAUSD FAIRFAX - LAUSD Fairfax HS, 12060.2010

Authorized for release by:

Patty Mata, Project Manager
patty.mata@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

Parya Saneipoor	Lab Job #:	510325
Millenium Consulting	Project No:	LAUSD FAIRFAX
Associates	Location:	LAUSD Fairfax HS, 12060.2010
4683 Chabot Drive, Suite 380	Date Received:	06/13/24
Pleasanton, CA 94588		

Sample ID	Lab ID	Collected	Matrix
PS5-1	510325-001	06/13/24 07:40	Soil
PS5-3	510325-002	06/13/24 07:45	Soil
PS5-10	510325-003	06/13/24 07:50	Soil
PS5-15	510325-004	06/13/24 07:55	Soil
DL4-1	510325-005	06/13/24 08:10	Soil
DL4-3	510325-006	06/13/24 08:15	Soil
SB2-1	510325-007	06/13/24 08:40	Soil
SB2-3	510325-008	06/13/24 08:45	Soil
SB2-5	510325-009	06/13/24 08:50	Soil
DL2-1	510325-010	06/13/24 09:20	Soil
DL2-3	510325-011	06/13/24 09:30	Soil
SB1-1	510325-012	06/13/24 09:40	Soil
SB1-3	510325-013	06/13/24 09:50	Soil
SB1-5	510325-014	06/13/24 10:00	Soil
SB3-1	510325-015	06/13/24 10:25	Soil
SB3-3	510325-016	06/13/24 10:35	Soil
SB3-5	510325-017	06/13/24 10:40	Soil
SB4-1	510325-018	06/13/24 11:00	Soil
SB4-3	510325-019	06/13/24 11:05	Soil
SB4-5	510325-020	06/13/24 11:10	Soil
SB4-3DUP	510325-021	06/13/24 11:05	Soil
DL20-1	510325-022	06/13/24 11:30	Soil
DL20-1DUP	510325-023	06/13/24 11:33	Soil
DL20-3	510325-024	06/13/24 11:35	Soil
DL21-1	510325-025	06/13/24 11:40	Soil
DL21-3	510325-026	06/13/24 11:50	Soil

Sample Summary

Parya Saneipoor
Millenium Consulting
Associates
4683 Chabot Drive, Suite 380
Pleasanton, CA 94588

Lab Job #: 510325
Project No: LAUSD FAIRFAX
Location: LAUSD Fairfax HS, 12060.2010
Date Received: 06/13/24

Sample ID	Lab ID	Collected	Matrix
DL9-1	510325-027	06/13/24 12:05	Soil
DL9-3	510325-028	06/13/24 12:08	Soil
DL5-1	510325-029	06/13/24 12:20	Soil
DL5-1DUP	510325-030	06/13/24 12:25	Soil
TB-061324	510325-031	06/13/24 08:00	Water
EB-061324	510325-032	06/13/24 13:50	Water
DL5-3	510325-033	06/13/24 12:25	Soil
DL8-1	510325-034	06/13/24 12:30	Soil
DL8-3	510325-035	06/13/24 12:35	Soil
DL10-1	510325-036	06/13/24 12:45	Soil
DL10-3	510325-037	06/13/24 12:50	Soil
DL12-1	510325-038	06/13/24 13:33	Soil
DL12-3	510325-039	06/13/24 13:40	Soil
SB13-1	510325-040	06/13/24 13:50	Soil
SB13-3	510325-041	06/13/24 14:00	Soil
SB13-5	510325-042	06/13/24 14:06	Soil

Case Narrative

Millenium Consulting Associates
4683 Chabot Drive, Suite 380
Pleasanton, CA 94588
Parya Saneipoor

Lab Job 510325
Number:
Project No: LAUSD FAIRFAX
Location: LAUSD Fairfax HS,
12060.2010

Date Received: 06/13/24

This data package contains sample and QC results for thirty five soil samples and two water samples, requested for the above referenced project on 06/13/24. The samples were received cold and intact.

TPH-Extractables by GC (EPA 8015M):

- High surrogate recoveries were observed for n-triacontane in lab numbers 510325-001, 510325-002, 510325-003, 510325-004, 510325-013, 510325-015, and the method blank for batch 342833; no target analytes were detected in these samples.
- No other analytical problems were encountered.

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

- Low recoveries were observed for 1,1-dichloroethene in the MS/MSD for batch 342980; 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.

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

No analytical problems were encountered.

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

No analytical problems were encountered.

Pesticides (EPA 8081A):

- High recovery was observed for endrin ketone in the MSD of SB12-1 (lab # 510441-001); the LCS was within limits, and this analyte was not detected at or above the RL in the associated samples. High RPD was observed for a number of analytes in the MS/MSD of SB12-1 (lab # 510441-001); these analytes were not detected at or above the RL in the associated samples.
- High surrogate recoveries were observed for decachlorobiphenyl in DL12-1 (lab # 510325-038), DL12-3 (lab # 510325-039), and the MS/MSD of SB12-1 (lab # 510441-001); the corresponding TCMX surrogate recoveries were within limits.
- No other analytical problems were encountered.

PCBs (EPA 8082):

No analytical problems were encountered.

Metals (EPA 6010B, EPA 6020, and EPA 7471A):

- Low recoveries were observed for antimony in the MS/MSD of DL4-1 (lab # 510325-005); the LCS was within limits, and the associated RPD was within limits.
- Low recoveries were observed for many analytes in the MS/MSD of DL20-3 (lab # 510325-024); the LCS was within limits. High recoveries were observed for barium and zinc in the MSD of DL20-3 (lab # 510325-024); the LCS was within limits, and these high recoveries were not associated with any reported results. High RPD was observed for many analytes in the MS/MSD of DL20-3 (lab # 510325-024).
- Low recovery was observed for arsenic in the MS of DL20-3 (lab # 510325-024); the LCS was within limits. High RPD was also observed for arsenic in the MS/MSD of DL20-3 (lab # 510325-024).
- No other analytical problems were encountered.

Hexavalent Chromium by Ion Chromatograph (EPA 7199):

No analytical problems were encountered.

Asbestos by PLM (EPA 600/R-93-116):

AmeriSci in Carson, CA performed the analysis (see sublab report section for certifications). Please see the AmeriSci case narrative.

510325

ENTHALPY ANALYTICAL		Chain of Custody Record		Turn Around Time (rush by advanced notice only)			
Lab No: 510372		Page: 1 of 5		Standard:		5 Day: 3 Day:	
Matrix: A = Air S = Soil/Solid		Preservatives:		1 Day:		Custom TAT:	
W = Water DW = Drinking Water SD = Sediment		= HCl 3 = HNO ₃		1 = Na ₂ S ₂ O ₃ 2		Sample Receipt Temp:	
PP = Pure Product SEA = Sea Water		4 = H ₂ SO ₄ 5 = NaOH 6 = Other					
SW = Swab T = Tissue WP = Wipe O = Other							
CUSTOMER INFORMATION				PROJECT INFORMATION			
Company:	Millennium Consulting Associates	Name:	Cornelius Harris, Parva Saneipoor	Analysis Request			
Report To:	Parva Saneipoor	Number:	12060.2010	Hold			
Email:	psaneipoor@mecaenviro.com	P.O. #:	PS061224	PAHs (8270C)			
Address:	4683 Chabot Drive Suite 380	Address:	Fairfax High School	Hex Cr (3060A/7199)			
Phone:	(925)-808-6700	Global ID:	7850 Melrose Ave., Los Angeles	PCBs (8082)			
Fax:		Sampled By:	Cornelius Harris	TPH (8015B)			
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	VOCs (8260B)	
1 PS5-1	6/13/24	0740	S	6	Yes	Title 22 Metals (6010B/7471)	
2 PS5-5		0745	S	6	↓	Asbestos (PLM)	
3 PS5-10		0750	S	6		OCF (8081A)	
4 PS5-15		0755	S	6		Lead (6010B)	
5 DL4-1		0810	S	3	No	Arsenic (6020)	
6 DL4-3		0815	S	3	No		
7 SB2-1		0840	S	6	Yes		
8 SB2-3		0845	S	5	Yes		
9 SB2-5		0850	S	6	No		
10 DL2-1		0920	S	2	No		
Signature				Print Name		Company / Title	
1 Relinquished By: [Signature]				Ryne Adams		MECA	
1 Received By: [Signature]				Sergis Pireh		GA	
2 Relinquished By: [Signature]				Sergis Pireh		GA	
2 Received By: [Signature]				200 PADILLA		SALAL	
3 Relinquished By:							
3 Received By:							
Date / Time				Date / Time		Date / Time	
6/13/24 1430				6/13/24 1430		6/13/24 1430	
6/13/24 1430				6/13/24 1430		6/13/24 1430	
6/14/24 1320				6/14/24 1320		6/14/24 1320	
6/14/24 1320				6/14/24 1320		6/14/24 1320	

510325

ENTHALPY ANALYTICAL		Chain of Custody Record		Turn Around Time (rush by advanced notice only)											
Lab No: 510372		Page: 2 of 5		Standard:		5 Day: 3 Day: Custom TAT:									
Matrix: A = Air S = Soil/Solid		Preservatives:		1 = Na ₂ S ₂ O ₃ 2 = HCl 3 = HNO ₃		Sample Receipt Temp:									
W = Water DW = Drinking Water SD = Sediment		PP = Pure Product SEA = Sea Water		4 = H ₂ SO ₄ 5 = NaOH 6 = Other		(lab use only)									
SW = Swab T = Tissue WP = Wipe O = Other															
CUSTOMER INFORMATION Company: Millennium Consulting Associates Report To: Parva Saneipoor Email: psaneipoor@mecaenviro.com Address: 4683 Chabot Drive Suite 380 Phone: (925)-808-6700 Fax:				PROJECT INFORMATION Name: Cornelius Harris, Parva Saneipoor Number: 12060.2010 P.O. #: PS061224 Address: Fairfax High School 7850 Melrose Ave., Los Angeles Global ID: Sampled By: Cornelius Harris				Analysis Request Arsenic (6020) ☒ Lead (6010B) ☒ OCP (8081A) ☒ Asbestos (PLM) ☒ Title 22 Metals (6010B/7471) ☒ VOCs (8260B) ☒ TPH (8015B) ☒ PCBs (8082) ☒ Hex. Cr (3060A/7199) ☒ PAHs (8270C) ☒ Hold ☒				Test Instructions / Comments Standard TAT			
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.										
1 DL2-3	6/13/24	0930	S	3	No										
2 SB1-1		0940	S	6	yes										
3 SB1-3		0950	S	5	yes										
4 SB1-5		1000	S	6	yes										
5 SB3-1		1025	S	6	yes										
6 SB3-3		1035	S	5	yes										
7 SB3-5		1040	S	6	yes										
8 SB4-1		1100	S	3	No										
9 SB4-3		1105	S	2	↓										
10 SB4-5		1110	S	3	↓										
Signature		Print Name		Company / Title		Date / Time									
Relinquished By: [Signature]		Ryne Adams		MECA		6/13/24 1438									
Received By: [Signature]		Sargis Piroh		EA		6/13/24 1430									
Relinquished By: [Signature]		Sargis Piroh		EA		6/14/24 1328									
Received By: [Signature]		ZAB PADILLA		FAH/L		6/14/24 1320									
Relinquished By:															
Received By:															

ENTHALPY ANALYTICAL										Chain of Custody Record Lab No: <u>510372-309</u> Page: <u>3</u> of <u>5</u>										Turn Around Time (rush by advanced notice only) Standard: 5 Day: 3 Day: 2 Day: 1 Day: Custom TAT:																			
CUSTOMER INFORMATION										PROJECT INFORMATION										Analysis Request										Test Instructions / Comments									
Company: Millennium Consulting Associates					Name: Cornelius Harris, Parya Saneipoor					Matrix: A = Air S = Soil/Solid					Preservatives: 1 = Na ₂ S ₂ O ₃ 2 = HCl 3 = HNO ₃					Sample Receipt Temp: (lab use only)																			
Report To: Parya Saneipoor					Number: 12060.2010					W = Water DW = Drinking Water SD = Sediment					4 = H ₂ SO ₄ 5 = NaOH 6 = Other																								
Email: psaneipoor@mecaenviro.com					P.O. #: PS061224					PP = Pure Product SEA = Sea Water																													
Address: 4683 Chabot Drive Suite 380					Address: Fairfax High School					SW = Swab T = Tissue WP = Wipe O = Other																													
Phone: (925)-808-6700					Global ID:																																		
Fax:					Sampled By: Cornelius Harris																																		
Sample ID					Sampling Date					Sampling Time					Matrix					Container No. / Size					Pres.														
1 SB4-3DUP					6/13/24					1105					S					2					No														
2 DL20-1										1130					S					2					1														
3 DL20-1DUP										1133					S					2																			
4 DL20-3										1135					S					2																			
5 DL21-1										1140					S					3																			
6 DL21-3										1150					S					2																			
7 DL9-1										1155 1205					S					2																			
8 DL9-3										1158 1208					S					2																			
9 DLS-1										1220					S					2																			
10 DLS-1DUP										1225					S					2																			
Signature										Print Name										Company / Title										Date / Time									
1 Relinquished By: <u>[Signature]</u>										Ryre Adams										MECA										6/13/24 1438									
1 Received By: <u>[Signature]</u>										Sams Pivch										EA										6/13/24 1430									
2 Relinquished By: <u>[Signature]</u>										Sams Pivch										EA										6/14/24 1320									
2 Received By: <u>[Signature]</u>										ZAM PADILLA										EA/EA										6/14/24 1320									
3 Relinquished By:																																							
3 Received By:																																							

510325

ENTHALPY ANALYTICAL		Chain of Custody Record		Turn Around Time (rush by advanced notice only)											
Lab No: 510325		Page: 4 of 5		Standard:		5 Day: 3 Day:									
Matrix: A = Air S = Soil/Solid		W = Water DW = Drinking Water SD = Sediment		1 Day: Custom TAT:		Sample Receipt Temp:									
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									
CUSTOMER INFORMATION Company: Millennium Consulting Associates Report To: Parya Saneipoor Email: psaneipoor@mecaenviro.com Address: 4683 Chabot Drive Suite 380 Phone: (925)-808-6700 Fax:				PROJECT INFORMATION Name: Cornelius Harris, Parya Saneipoor Number: 12060.2010 P.O. #: PS061224 Address: Fairfax High School Global ID: 7850 Melrose Ave., Los Angeles Sampled By: Cornelius Harris				Analysis Request Arsenic (6020) ☒ Lead (6010B) ☒ OCP (8081A) ☒ Asbestos (PLM) ☒ Title 22 Metals (6010B/7471) ☒ VOCs (8260B) ☒ TPH (8015B) ☒ PCBs (8082) ☒ Hex. Cr (3060A/7199) ☒ PAHs (8270C) ☒ Hold ☒				Test Instructions / Comments Standard TAT			
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.										
1 TB-061324	6/13/24	0800	W	2	HCL										
2 EB-061324		1350	W	3	HCL										
3 DL5-3		1225	S	2	N2										
4 DL8-1		1230	S	2											
5 DL8-3		1235	S	2											
6 DL10-1		1245	S	3											
7 DL10-3		1250	S	2											
8 DL12-1		1323	S	2											
9 DL12-3		1340	S	2											
10 SB13-1		1350	S	3											
Signature Relinquished By: [Signature] Received By: [Signature] Relinquished By: [Signature] Received By: [Signature] Relinquished By: [Signature] Received By: [Signature]						Print Name Rye Adams Sergio's River Sergio's River ZAR PABALA		Company / Title MECA EA EA EA/EA		Date / Time 6/13/24 1430 6/13/24 1430 6/14/24 1330 6/14/24 1320					

ENTHALPY ANALYTICAL						Chain of Custody Record Lab No: 510372-38A Page: 5 of 5							Turn Around Time (rush by advanced notice only) Standard: 5 Day: 1 Day:													
						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													
CUSTOMER INFORMATION						PROJECT INFORMATION							Analysis Request							Test Instructions / Comments						
Company:	Millennium Consulting Associates					Name:	Cornelius Harris, Parva Saneipoor																			
Report To:	Parva Saneipoor					Number:	12060.2010																			
Email:	psaneipoor@mecaenviro.com charris@mecaenviro.com					P.O. #:	PS061224																			
Address:	4683 Chabot Drive Suite 380					Address:	Fairfax High School																			
Phone:	(925)-808-6700					Global ID:																				
Fax:						Sampled By:	Cornelius Harris																			
Sample ID						Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.																
SB13-3						6/13/24	1400	S	2	N _d																
SB13-5						6/13/24	1406	S	3	N _s																
1																										
2																										
3																										
4																										
5																										
6																										
7																										
8																										
9																										
10																										
Relinquished By:						Signature					Print Name					Company / Title					Date / Time					
1 Relinquished By:						[Signature]					Rene Adams					MECA					6/13/24 1430					
1 Received By:						[Signature]					Sargis Pivich					EA					6/13/24 1430					
2 Relinquished By:						[Signature]					Sargis Pivich					EA					6/14/24 1320					
2 Received By:						[Signature]					ZAD PIVICH					EPA/EA					6/14/24 1320					
3 Relinquished By:																										
3 Received By:																										



ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Millenium Consulting Associates 510325Project: LAUSD Fairfax HS, 12060.2010Date Received: 6/14/24Sampler's Name Present: ☒ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☒ Yes, How many? 2 3 ☐ No (skip section 2)Sample Temp (°C)
(No Cooler) : _____Sample Temp (°C), One from each cooler: #1: 3.7 #2: 4.1 #3: 4.4 #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: 1.3 #2: 2.1 #3: 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

THE CLIENT USED THEIR OWN LABELS ON THE 5035 VIALS, ADDING WEIGHT AND
OBSCURING THE TARE WEIGHT.

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time: _____☒ Email (email sent to/on): PAM / 6/14/24

Project Manager's response:

Completed By:  Date: 6/14/24

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

[External] - Corrections on COC from 6/13-Fairfax soil samples

Parya Saneipoor <psaneipoor@mecaenviro.com>

Thu 6/13/2024 5:56 PM

To: Patty Mata <patty.mata@enthalpy.com>

Cc: Cornelius Harris <charris@mecaenviro.com>; Ryne Adams <radams@mecaenviro.com>

Hi Patty,

I compared the COC with our table, and I would appreciate if you could make some corrections for us on the COC

1. Pg 1 of 5: SB2-1 needs OCP
2. Pg 2 of 5: SB4-1 doesn't need to be tested for Asbestos
3. Pg 4 of 5: DL10-1 needs Asbestos test

Regards,



Parya Saneipoor, QSD/QSP

Project Engineer

Direct: (248) 410-3731 | Office: (925) 808-6700

Email: psaneipoor@mecaenviro.com



Sacramento - Oakland - Los Angeles - San Diego

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Analysis Results for 510325

Parya Saneipoor
Millenium Consulting Associates
4683 Chabot Drive, Suite 380
Pleasanton, CA 94588

Lab Job #: 510325
Project No: LAUSD FAIRFAX
Location: LAUSD Fairfax HS, 12060.2010
Date Received: 06/13/24

Sample ID: PS5-1
Lab ID: 510325-001
Collected: 06/13/24 07:40
Matrix: Soil

510325-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist

Method: EPA 6010B

Prep Method: EPA 3050B

Antimony	ND		mg/Kg	3.0	1	342821	06/14/24	06/17/24	DXC
Arsenic	4.8		mg/Kg	1.0	1	342821	06/14/24	06/17/24	DXC
Barium	94		mg/Kg	1.0	1	342821	06/14/24	06/17/24	DXC
Beryllium	ND		mg/Kg	0.50	1	342821	06/14/24	06/17/24	DXC
Cadmium	ND		mg/Kg	0.50	1	342821	06/14/24	06/17/24	DXC
Chromium	18		mg/Kg	1.0	1	342821	06/14/24	06/17/24	DXC
Cobalt	5.6		mg/Kg	0.50	1	342821	06/14/24	06/17/24	DXC
Copper	14		mg/Kg	1.0	1	342821	06/14/24	06/17/24	DXC
Lead	9.6		mg/Kg	1.0	1	342821	06/14/24	06/17/24	DXC
Molybdenum	ND		mg/Kg	1.0	1	342821	06/14/24	06/17/24	DXC
Nickel	14		mg/Kg	1.0	1	342821	06/14/24	06/17/24	DXC
Selenium	ND		mg/Kg	3.0	1	342821	06/14/24	06/17/24	DXC
Silver	ND		mg/Kg	0.50	1	342821	06/14/24	06/17/24	DXC
Thallium	ND		mg/Kg	3.0	1	342821	06/14/24	06/17/24	DXC
Vanadium	31		mg/Kg	1.0	1	342821	06/14/24	06/17/24	DXC
Zinc	40		mg/Kg	5.0	1	342821	06/14/24	06/17/24	DXC

Method: EPA 7199

Prep Method: EPA 3060A

Hexavalent Chromium	ND		mg/Kg	0.41	1	343305	06/20/24 12:34	06/21/24 11:37	PAS

Method: EPA 7471A

Prep Method: METHOD

Mercury	ND		mg/Kg	0.16	1.2	342854	06/15/24	06/15/24	DXC

Method: EPA 8015M

Prep Method: EPA 3580M

GRO C8-C10	ND		mg/Kg	9.9	0.99	342833	06/15/24	06/18/24	KMB
DRO C10-C28	ND		mg/Kg	9.9	0.99	342833	06/15/24	06/18/24	KMB
ORO C28-C44	ND		mg/Kg	20	0.99	342833	06/15/24	06/18/24	KMB

Surrogates
Limits

n-Triacontane	133%	*	%REC	70-130	0.99	342833	06/15/24	06/18/24	KMB

Method: EPA 8081A

Prep Method: EPA 3546

alpha-BHC	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
beta-BHC	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
gamma-BHC	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
delta-BHC	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
Heptachlor	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
Aldrin	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
Heptachlor epoxide	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
Endosulfan I	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
Dieldrin	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR

Analysis Results for 510325

510325-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
4,4'-DDE	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
Endrin	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
Endosulfan II	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
Endosulfan sulfate	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
4,4'-DDD	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
Endrin aldehyde	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
Endrin ketone	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
4,4'-DDT	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
Methoxychlor	ND		ug/Kg	9.8	0.98	342848	06/15/24	06/17/24	KLR
Toxaphene	ND		ug/Kg	98	0.98	342848	06/15/24	06/17/24	KLR
Chlordane (Technical)	ND		ug/Kg	49	0.98	342848	06/15/24	06/17/24	KLR

Surrogates	Limits								
TCMX	88%		%REC	23-120	0.98	342848	06/15/24	06/17/24	KLR
Decachlorobiphenyl	95%		%REC	24-120	0.98	342848	06/15/24	06/17/24	KLR

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	49	0.98	342848	06/15/24	06/17/24	KLR
Aroclor-1221	ND		ug/Kg	49	0.98	342848	06/15/24	06/17/24	KLR
Aroclor-1232	ND		ug/Kg	49	0.98	342848	06/15/24	06/17/24	KLR
Aroclor-1242	ND		ug/Kg	49	0.98	342848	06/15/24	06/17/24	KLR
Aroclor-1248	ND		ug/Kg	49	0.98	342848	06/15/24	06/17/24	KLR
Aroclor-1254	ND		ug/Kg	49	0.98	342848	06/15/24	06/17/24	KLR
Aroclor-1260	ND		ug/Kg	49	0.98	342848	06/15/24	06/17/24	KLR
Aroclor-1262	ND		ug/Kg	49	0.98	342848	06/15/24	06/17/24	KLR
Aroclor-1268	ND		ug/Kg	49	0.98	342848	06/15/24	06/17/24	KLR

Surrogates	Limits								
Decachlorobiphenyl (PCB)	96%		%REC	19-121	0.98	342848	06/15/24	06/17/24	KLR

Method: EPA 8260B

Prep Method: EPA 5035

3-Chloropropene	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
Freon 12	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
Chloromethane	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
Vinyl Chloride	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
Bromomethane	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
Chloroethane	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
Trichlorofluoromethane	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
Acetone	ND		ug/Kg	59	0.59	343705	06/26/24	06/26/24	TCN
Freon 113	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
1,1-Dichloroethene	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
Methylene Chloride	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
MTBE	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
1,1-Dichloroethane	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
2-Butanone	ND		ug/Kg	59	0.59	343705	06/26/24	06/26/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
2,2-Dichloropropane	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
Chloroform	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
Bromochloromethane	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN

Analysis Results for 510325

510325-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1-Dichloropropene	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
Carbon Tetrachloride	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
1,2-Dichloroethane	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
Benzene	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
Trichloroethene	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
1,2-Dichloropropane	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
Bromodichloromethane	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
Dibromomethane	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
4-Methyl-2-Pentanone	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
Toluene	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
1,3-Dichloropropane	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
Tetrachloroethene	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
Dibromochloromethane	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
1,2-Dibromoethane	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
Chlorobenzene	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
Ethylbenzene	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
m,p-Xylenes	ND		ug/Kg	5.9	0.59	343705	06/26/24	06/26/24	TCN
o-Xylene	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
Styrene	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
Bromoform	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
Isopropylbenzene	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
Propylbenzene	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
Bromobenzene	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
2-Chlorotoluene	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
4-Chlorotoluene	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
tert-Butylbenzene	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
sec-Butylbenzene	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
n-Butylbenzene	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
Hexachlorobutadiene	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
Naphthalene	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
Xylene (total)	ND		ug/Kg	2.9	0.59	343705	06/26/24	06/26/24	TCN
Surrogates			Limits						
Dibromofluoromethane	104%		%REC	70-145	0.59	343705	06/26/24	06/26/24	TCN
1,2-Dichloroethane-d4	113%		%REC	70-145	0.59	343705	06/26/24	06/26/24	TCN
Toluene-d8	101%		%REC	70-145	0.59	343705	06/26/24	06/26/24	TCN
Bromofluorobenzene	107%		%REC	70-145	0.59	343705	06/26/24	06/26/24	TCN

Analysis Results for 510325

510325-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8270C-SIM									
Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
2-Methylnaphthalene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Naphthalene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Acenaphthylene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Acenaphthene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Fluorene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Phenanthrene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Anthracene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Fluoranthene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Pyrene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Benzo(a)anthracene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Chrysene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Benzo(b)fluoranthene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Benzo(k)fluoranthene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Benzo(a)pyrene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Surrogates	Limits								
Nitrobenzene-d5	86%		%REC	27-125	10	342835	06/15/24	06/17/24	HQN
2-Fluorobiphenyl	93%		%REC	30-120	10	342835	06/15/24	06/17/24	HQN
Terphenyl-d14	100%		%REC	33-155	10	342835	06/15/24	06/17/24	HQN

Analysis Results for 510325

Sample ID: PS5-3
Lab ID: 510325-002
Collected: 06/13/24 07:45
Matrix: Soil

510325-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.98	342821	06/14/24	06/17/24	DXC
Arsenic	5.3		mg/Kg	0.98	0.98	342821	06/14/24	06/17/24	DXC
Barium	66		mg/Kg	0.98	0.98	342821	06/14/24	06/17/24	DXC
Beryllium	ND		mg/Kg	0.49	0.98	342821	06/14/24	06/17/24	DXC
Cadmium	ND		mg/Kg	0.49	0.98	342821	06/14/24	06/17/24	DXC
Chromium	14		mg/Kg	0.98	0.98	342821	06/14/24	06/17/24	DXC
Cobalt	6.5		mg/Kg	0.49	0.98	342821	06/14/24	06/17/24	DXC
Copper	13		mg/Kg	0.98	0.98	342821	06/14/24	06/17/24	DXC
Lead	7.5		mg/Kg	0.98	0.98	342821	06/14/24	06/17/24	DXC
Molybdenum	ND		mg/Kg	0.98	0.98	342821	06/14/24	06/17/24	DXC
Nickel	11		mg/Kg	0.98	0.98	342821	06/14/24	06/17/24	DXC
Selenium	ND		mg/Kg	2.9	0.98	342821	06/14/24	06/17/24	DXC
Silver	ND		mg/Kg	0.49	0.98	342821	06/14/24	06/17/24	DXC
Thallium	ND		mg/Kg	2.9	0.98	342821	06/14/24	06/17/24	DXC
Vanadium	27		mg/Kg	0.98	0.98	342821	06/14/24	06/17/24	DXC
Zinc	29		mg/Kg	4.9	0.98	342821	06/14/24	06/17/24	DXC
Method: EPA 7199 Prep Method: EPA 3060A									
Hexavalent Chromium	ND		mg/Kg	0.40	1	343305	06/20/24 12:34	06/21/24 10:20	PAS
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.2	342854	06/15/24	06/15/24	DXC
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	9.9	0.99	342833	06/15/24	06/19/24	KMB
DRO C10-C28	ND		mg/Kg	9.9	0.99	342833	06/15/24	06/19/24	KMB
ORO C28-C44	ND		mg/Kg	20	0.99	342833	06/15/24	06/19/24	KMB
Surrogates	Limits								
n-Triacontane	136%	*	%REC	70-130	0.99	342833	06/15/24	06/19/24	KMB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
beta-BHC	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
gamma-BHC	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
delta-BHC	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
Heptachlor	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
Aldrin	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
Endosulfan I	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
Dieldrin	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
4,4'-DDE	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
Endrin	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
Endosulfan II	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
4,4'-DDD	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR

Analysis Results for 510325

510325-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Endrin aldehyde	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
Endrin ketone	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
4,4'-DDT	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
Methoxychlor	ND		ug/Kg	9.9	0.99	342848	06/15/24	06/17/24	KLR
Toxaphene	ND		ug/Kg	99	0.99	342848	06/15/24	06/17/24	KLR
Chlordane (Technical)	ND		ug/Kg	50	0.99	342848	06/15/24	06/17/24	KLR

Surrogates	Limits								
TCMX	103%		%REC	23-120	0.99	342848	06/15/24	06/17/24	KLR
Decachlorobiphenyl	105%		%REC	24-120	0.99	342848	06/15/24	06/17/24	KLR

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	50	0.99	342848	06/15/24	06/17/24	KLR
Aroclor-1221	ND		ug/Kg	50	0.99	342848	06/15/24	06/17/24	KLR
Aroclor-1232	ND		ug/Kg	50	0.99	342848	06/15/24	06/17/24	KLR
Aroclor-1242	ND		ug/Kg	50	0.99	342848	06/15/24	06/17/24	KLR
Aroclor-1248	ND		ug/Kg	50	0.99	342848	06/15/24	06/17/24	KLR
Aroclor-1254	ND		ug/Kg	50	0.99	342848	06/15/24	06/17/24	KLR
Aroclor-1260	ND		ug/Kg	50	0.99	342848	06/15/24	06/17/24	KLR
Aroclor-1262	ND		ug/Kg	50	0.99	342848	06/15/24	06/17/24	KLR
Aroclor-1268	ND		ug/Kg	50	0.99	342848	06/15/24	06/17/24	KLR

Surrogates	Limits								
Decachlorobiphenyl (PCB)	106%		%REC	19-121	0.99	342848	06/15/24	06/17/24	KLR

Method: EPA 8260B

Prep Method: EPA 5035

3-Chloropropene	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
Freon 12	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
Chloromethane	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
Vinyl Chloride	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
Bromomethane	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
Chloroethane	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
Trichlorofluoromethane	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
Acetone	ND		ug/Kg	72	0.72	343705	06/26/24	06/26/24	TCN
Freon 113	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
1,1-Dichloroethene	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
Methylene Chloride	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
MTBE	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
1,1-Dichloroethane	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
2-Butanone	ND		ug/Kg	72	0.72	343705	06/26/24	06/26/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
2,2-Dichloropropane	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
Chloroform	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
Bromochloromethane	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
1,1-Dichloropropene	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
Carbon Tetrachloride	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
1,2-Dichloroethane	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
Benzene	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
Trichloroethene	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN

Analysis Results for 510325

510325-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloropropane	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
Bromodichloromethane	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
Dibromomethane	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
4-Methyl-2-Pentanone	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
Toluene	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
1,3-Dichloropropane	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
Tetrachloroethene	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
Dibromochloromethane	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
1,2-Dibromoethane	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
Chlorobenzene	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
Ethylbenzene	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
m,p-Xylenes	ND		ug/Kg	7.2	0.72	343705	06/26/24	06/26/24	TCN
o-Xylene	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
Styrene	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
Bromoform	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
Isopropylbenzene	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
Propylbenzene	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
Bromobenzene	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
2-Chlorotoluene	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
4-Chlorotoluene	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
tert-Butylbenzene	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
sec-Butylbenzene	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
n-Butylbenzene	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
Hexachlorobutadiene	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
Naphthalene	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN
Xylene (total)	ND		ug/Kg	3.6	0.72	343705	06/26/24	06/26/24	TCN

Surrogates	Limits								
Dibromofluoromethane	96%	%REC	70-145	0.72	343705	06/26/24	06/26/24	TCN	
1,2-Dichloroethane-d4	100%	%REC	70-145	0.72	343705	06/26/24	06/26/24	TCN	
Toluene-d8	104%	%REC	70-145	0.72	343705	06/26/24	06/26/24	TCN	
Bromofluorobenzene	104%	%REC	70-145	0.72	343705	06/26/24	06/26/24	TCN	

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
2-Methylnaphthalene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Naphthalene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Acenaphthylene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN

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

Analysis Results for 510325

510325-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Acenaphthene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Fluorene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Phenanthrene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Anthracene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Fluoranthene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Pyrene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Benzo(a)anthracene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Chrysene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Benzo(b)fluoranthene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Benzo(k)fluoranthene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Benzo(a)pyrene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Surrogates			Limits						
Nitrobenzene-d5	95%		%REC	27-125	1	342835	06/15/24	06/17/24	HQN
2-Fluorobiphenyl	84%		%REC	30-120	1	342835	06/15/24	06/17/24	HQN
Terphenyl-d14	93%		%REC	33-155	1	342835	06/15/24	06/17/24	HQN

Analysis Results for 510325

Sample ID: PS5-10
Lab ID: 510325-003
Collected: 06/13/24 07:50
Matrix: Soil

510325-003 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	342821	06/14/24	06/17/24	DXC
Arsenic	3.1		mg/Kg	0.99	0.99	342821	06/14/24	06/17/24	DXC
Barium	130		mg/Kg	0.99	0.99	342821	06/14/24	06/17/24	DXC
Beryllium	ND		mg/Kg	0.50	0.99	342821	06/14/24	06/17/24	DXC
Cadmium	ND		mg/Kg	0.50	0.99	342821	06/14/24	06/17/24	DXC
Chromium	57		mg/Kg	0.99	0.99	342821	06/14/24	06/17/24	DXC
Cobalt	16		mg/Kg	0.50	0.99	342821	06/14/24	06/17/24	DXC
Copper	24		mg/Kg	0.99	0.99	342821	06/14/24	06/17/24	DXC
Lead	3.5		mg/Kg	0.99	0.99	342821	06/14/24	06/17/24	DXC
Molybdenum	ND		mg/Kg	0.99	0.99	342821	06/14/24	06/17/24	DXC
Nickel	32		mg/Kg	0.99	0.99	342821	06/14/24	06/17/24	DXC
Selenium	ND		mg/Kg	3.0	0.99	342821	06/14/24	06/17/24	DXC
Silver	ND		mg/Kg	0.50	0.99	342821	06/14/24	06/17/24	DXC
Thallium	ND		mg/Kg	3.0	0.99	342821	06/14/24	06/17/24	DXC
Vanadium	73		mg/Kg	0.99	0.99	342821	06/14/24	06/17/24	DXC
Zinc	50		mg/Kg	5.0	0.99	342821	06/14/24	06/17/24	DXC
Method: EPA 7199 Prep Method: EPA 3060A									
Hexavalent Chromium	0.41		mg/Kg	0.39	0.97	343305	06/20/24 12:34	06/25/24 03:21	AJL
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	342854	06/15/24	06/15/24	DXC
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	10	1	342833	06/15/24	06/19/24	KMB
DRO C10-C28	ND		mg/Kg	10	1	342833	06/15/24	06/19/24	KMB
ORO C28-C44	ND		mg/Kg	20	1	342833	06/15/24	06/19/24	KMB
Surrogates	Limits								
n-Triacontane	132%	*	%REC	70-130	1	342833	06/15/24	06/19/24	KMB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
beta-BHC	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
gamma-BHC	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
delta-BHC	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Heptachlor	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Aldrin	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Endosulfan I	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Dieldrin	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
4,4'-DDE	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Endrin	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Endosulfan II	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
4,4'-DDD	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR

Analysis Results for 510325

510325-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Endrin aldehyde	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Endrin ketone	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
4,4'-DDT	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Methoxychlor	ND		ug/Kg	10	1	342848	06/15/24	06/17/24	KLR
Toxaphene	ND		ug/Kg	100	1	342848	06/15/24	06/17/24	KLR
Chlordane (Technical)	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Surrogates			Limits						
TCMX	82%		%REC	23-120	1	342848	06/15/24	06/17/24	KLR
Decachlorobiphenyl	85%		%REC	24-120	1	342848	06/15/24	06/17/24	KLR

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1221	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1232	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1242	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1248	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1254	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1260	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1262	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1268	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR

Surrogates

Limits

Decachlorobiphenyl (PCB)	86%		%REC	19-121	1	342848	06/15/24	06/17/24	KLR

Method: EPA 8260B

Prep Method: EPA 5035

3-Chloropropene	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
Freon 12	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
Chloromethane	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
Vinyl Chloride	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
Bromomethane	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
Chloroethane	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
Trichlorofluoromethane	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
Acetone	ND		ug/Kg	65	0.65	343705	06/26/24	06/26/24	TCN
Freon 113	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
1,1-Dichloroethene	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
Methylene Chloride	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
MTBE	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
1,1-Dichloroethane	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
2-Butanone	ND		ug/Kg	65	0.65	343705	06/26/24	06/26/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
2,2-Dichloropropane	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
Chloroform	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
Bromochloromethane	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
1,1-Dichloropropene	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
Carbon Tetrachloride	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
1,2-Dichloroethane	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
Benzene	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
Trichloroethene	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN

Analysis Results for 510325

510325-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloropropane	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
Bromodichloromethane	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
Dibromomethane	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
4-Methyl-2-Pentanone	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
Toluene	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
1,3-Dichloropropane	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
Tetrachloroethene	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
Dibromochloromethane	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
1,2-Dibromoethane	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
Chlorobenzene	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
Ethylbenzene	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
m,p-Xylenes	ND		ug/Kg	6.5	0.65	343705	06/26/24	06/26/24	TCN
o-Xylene	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
Styrene	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
Bromoform	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
Isopropylbenzene	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
Propylbenzene	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
Bromobenzene	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
2-Chlorotoluene	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
4-Chlorotoluene	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
tert-Butylbenzene	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
sec-Butylbenzene	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
n-Butylbenzene	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
Hexachlorobutadiene	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
Naphthalene	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN
Xylene (total)	ND		ug/Kg	3.3	0.65	343705	06/26/24	06/26/24	TCN

Surrogates

Limits

Dibromofluoromethane	97%	%REC	70-145	0.65	343705	06/26/24	06/26/24	TCN
1,2-Dichloroethane-d4	99%	%REC	70-145	0.65	343705	06/26/24	06/26/24	TCN
Toluene-d8	105%	%REC	70-145	0.65	343705	06/26/24	06/26/24	TCN
Bromofluorobenzene	102%	%REC	70-145	0.65	343705	06/26/24	06/26/24	TCN

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
2-Methylnaphthalene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Naphthalene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Acenaphthylene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN

Analysis Results for 510325

510325-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Acenaphthene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Fluorene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Phenanthrene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Anthracene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Fluoranthene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Pyrene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Benzo(a)anthracene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Chrysene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Benzo(b)fluoranthene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Benzo(k)fluoranthene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Benzo(a)pyrene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Surrogates			Limits						
Nitrobenzene-d5	97%		%REC	27-125	10	342835	06/15/24	06/17/24	HQN
2-Fluorobiphenyl	96%		%REC	30-120	10	342835	06/15/24	06/17/24	HQN
Terphenyl-d14	97%		%REC	33-155	10	342835	06/15/24	06/17/24	HQN

Analysis Results for 510325

Sample ID: PS5-15
Lab ID: 510325-004
Collected: 06/13/24 07:55
Matrix: Soil

510325-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	1	342821	06/14/24	06/17/24	DXC
Arsenic	3.2		mg/Kg	1.0	1	342821	06/14/24	06/17/24	DXC
Barium	120		mg/Kg	1.0	1	342821	06/14/24	06/17/24	DXC
Beryllium	ND		mg/Kg	0.50	1	342821	06/14/24	06/17/24	DXC
Cadmium	ND		mg/Kg	0.50	1	342821	06/14/24	06/17/24	DXC
Chromium	58		mg/Kg	1.0	1	342821	06/14/24	06/17/24	DXC
Cobalt	17		mg/Kg	0.50	1	342821	06/14/24	06/17/24	DXC
Copper	22		mg/Kg	1.0	1	342821	06/14/24	06/17/24	DXC
Lead	2.6		mg/Kg	1.0	1	342821	06/14/24	06/17/24	DXC
Molybdenum	ND		mg/Kg	1.0	1	342821	06/14/24	06/17/24	DXC
Nickel	30		mg/Kg	1.0	1	342821	06/14/24	06/17/24	DXC
Selenium	ND		mg/Kg	3.0	1	342821	06/14/24	06/17/24	DXC
Silver	ND		mg/Kg	0.50	1	342821	06/14/24	06/17/24	DXC
Thallium	ND		mg/Kg	3.0	1	342821	06/14/24	06/17/24	DXC
Vanadium	91		mg/Kg	1.0	1	342821	06/14/24	06/17/24	DXC
Zinc	54		mg/Kg	5.0	1	342821	06/14/24	06/17/24	DXC
Method: EPA 7199 Prep Method: EPA 3060A									
Hexavalent Chromium	ND		mg/Kg	0.40	0.99	343305	06/20/24 12:34	06/21/24 12:21	PAS
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	342854	06/15/24	06/15/24	DXC
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	10	1	342833	06/15/24	06/20/24	KMB
DRO C10-C28	ND		mg/Kg	10	1	342833	06/15/24	06/20/24	KMB
ORO C28-C44	ND		mg/Kg	20	1	342833	06/15/24	06/20/24	KMB
Surrogates	Limits								
n-Triacontane	135%	*	%REC	70-130	1	342833	06/15/24	06/20/24	KMB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
beta-BHC	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
gamma-BHC	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
delta-BHC	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Heptachlor	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Aldrin	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Endosulfan I	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Dieldrin	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
4,4'-DDE	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Endrin	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Endosulfan II	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
4,4'-DDD	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR

Analysis Results for 510325

510325-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Endrin aldehyde	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Endrin ketone	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
4,4'-DDT	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Methoxychlor	ND		ug/Kg	10	1	342848	06/15/24	06/17/24	KLR
Toxaphene	ND		ug/Kg	100	1	342848	06/15/24	06/17/24	KLR
Chlordane (Technical)	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Surrogates			Limits						
TCMX	66%		%REC	23-120	1	342848	06/15/24	06/17/24	KLR
Decachlorobiphenyl	73%		%REC	24-120	1	342848	06/15/24	06/17/24	KLR

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1221	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1232	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1242	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1248	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1254	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1260	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1262	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1268	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR

Surrogates

Limits

Decachlorobiphenyl (PCB)	70%		%REC	19-121	1	342848	06/15/24	06/17/24	KLR

Method: EPA 8260B

Prep Method: EPA 5035

3-Chloropropene	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
Freon 12	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
Chloromethane	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
Vinyl Chloride	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
Bromomethane	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
Chloroethane	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
Trichlorofluoromethane	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
Acetone	ND		ug/Kg	65	0.65	343705	06/26/24	06/26/24	TCN
Freon 113	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
1,1-Dichloroethene	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
Methylene Chloride	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
MTBE	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
1,1-Dichloroethane	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
2-Butanone	ND		ug/Kg	65	0.65	343705	06/26/24	06/26/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
2,2-Dichloropropane	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
Chloroform	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
Bromochloromethane	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
1,1-Dichloropropene	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
Carbon Tetrachloride	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
1,2-Dichloroethane	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
Benzene	4.1		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
Trichloroethene	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN

Analysis Results for 510325

510325-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloropropane	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
Bromodichloromethane	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
Dibromomethane	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
4-Methyl-2-Pentanone	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
Toluene	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
1,3-Dichloropropane	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
Tetrachloroethene	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
Dibromochloromethane	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
1,2-Dibromoethane	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
Chlorobenzene	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
Ethylbenzene	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
m,p-Xylenes	ND		ug/Kg	6.5	0.65	343705	06/26/24	06/26/24	TCN
o-Xylene	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
Styrene	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
Bromoform	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
Isopropylbenzene	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
Propylbenzene	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
Bromobenzene	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
2-Chlorotoluene	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
4-Chlorotoluene	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
tert-Butylbenzene	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
sec-Butylbenzene	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
n-Butylbenzene	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
Hexachlorobutadiene	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
Naphthalene	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN
Xylene (total)	ND		ug/Kg	3.2	0.65	343705	06/26/24	06/26/24	TCN

Surrogates	Limits								
Dibromofluoromethane	104%	%REC	70-145	0.65	343705	06/26/24	06/26/24	TCN	
1,2-Dichloroethane-d4	111%	%REC	70-145	0.65	343705	06/26/24	06/26/24	TCN	
Toluene-d8	100%	%REC	70-145	0.65	343705	06/26/24	06/26/24	TCN	
Bromofluorobenzene	103%	%REC	70-145	0.65	343705	06/26/24	06/26/24	TCN	

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
2-Methylnaphthalene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Naphthalene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Acenaphthylene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN

Analysis Results for 510325

510325-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Acenaphthene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Fluorene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Phenanthrene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Anthracene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Fluoranthene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Pyrene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Benzo(a)anthracene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Chrysene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Benzo(b)fluoranthene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Benzo(k)fluoranthene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Benzo(a)pyrene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	342835	06/15/24	06/17/24	HQN
Surrogates			Limits						
Nitrobenzene-d5	89%		%REC	27-125	10	342835	06/15/24	06/17/24	HQN
2-Fluorobiphenyl	89%		%REC	30-120	10	342835	06/15/24	06/17/24	HQN
Terphenyl-d14	87%		%REC	33-155	10	342835	06/15/24	06/17/24	HQN

Analysis Results for 510325

Sample ID: DL4-1
Lab ID: 510325-005
Collected: 06/13/24 08:10
Matrix: Soil

510325-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	14		mg/Kg	0.97	0.97	342821	06/14/24	06/17/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	6.6		mg/Kg	0.97	0.97	342823	06/14/24	06/17/24	DXC
Method: EPA 7199 Prep Method: EPA 3060A									
Hexavalent Chromium	ND		mg/Kg	0.39	0.98	343305	06/20/24 12:34	06/21/24 12:32	PAS
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
beta-BHC	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
gamma-BHC	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
delta-BHC	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
Heptachlor	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
Aldrin	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
Endosulfan I	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
Dieldrin	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
4,4'-DDE	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
Endrin	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
Endosulfan II	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
4,4'-DDD	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
Endrin aldehyde	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
Endrin ketone	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
4,4'-DDT	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
Methoxychlor	ND		ug/Kg	9.9	0.99	342848	06/15/24	06/17/24	KLR
Toxaphene	ND		ug/Kg	99	0.99	342848	06/15/24	06/17/24	KLR
Chlordane (Technical)	ND		ug/Kg	50	0.99	342848	06/15/24	06/17/24	KLR
Surrogates				Limits					
TCMX	82%		%REC	23-120	0.99	342848	06/15/24	06/17/24	KLR
Decachlorobiphenyl	84%		%REC	24-120	0.99	342848	06/15/24	06/17/24	KLR
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	50	0.99	342848	06/15/24	06/17/24	KLR
Aroclor-1221	ND		ug/Kg	50	0.99	342848	06/15/24	06/17/24	KLR
Aroclor-1232	ND		ug/Kg	50	0.99	342848	06/15/24	06/17/24	KLR
Aroclor-1242	ND		ug/Kg	50	0.99	342848	06/15/24	06/17/24	KLR
Aroclor-1248	ND		ug/Kg	50	0.99	342848	06/15/24	06/17/24	KLR
Aroclor-1254	ND		ug/Kg	50	0.99	342848	06/15/24	06/17/24	KLR
Aroclor-1260	ND		ug/Kg	50	0.99	342848	06/15/24	06/17/24	KLR
Aroclor-1262	ND		ug/Kg	50	0.99	342848	06/15/24	06/17/24	KLR
Aroclor-1268	ND		ug/Kg	50	0.99	342848	06/15/24	06/17/24	KLR
Surrogates				Limits					
Decachlorobiphenyl (PCB)	83%		%REC	19-121	0.99	342848	06/15/24	06/17/24	KLR

Analysis Results for 510325

Sample ID: DL4-3	Lab ID: 510325-006	Collected: 06/13/24 08:15
Matrix: Soil		

510325-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	10		mg/Kg	0.97	0.97	342821	06/14/24	06/17/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.8		mg/Kg	0.97	0.97	342823	06/14/24	06/17/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
beta-BHC	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
gamma-BHC	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
delta-BHC	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Heptachlor	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Aldrin	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Endosulfan I	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Dieldrin	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
4,4'-DDE	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Endrin	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Endosulfan II	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Endosulfan sulfate	ND		ug/Kg	5.3	1	343023	06/18/24	06/19/24	MES
4,4'-DDD	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Endrin ketone	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Methoxychlor	ND		ug/Kg	10	1	343023	06/18/24	06/19/24	MES
Toxaphene	ND		ug/Kg	100	1	343023	06/18/24	06/19/24	MES
Chlordane (Technical)	ND		ug/Kg	50	1	343023	06/18/24	06/19/24	MES
Surrogates	Limits								
TCMX	91%		%REC	23-120	1	343023	06/18/24	06/19/24	MES
Decachlorobiphenyl	88%		%REC	24-120	1	343023	06/18/24	06/19/24	MES

Analysis Results for 510325

Sample ID: SB2-1
Lab ID: 510325-007
Collected: 06/13/24 08:40
Matrix: Soil

510325-007 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	342821	06/14/24	06/17/24	DXC
Arsenic	1.5		mg/Kg	0.98	0.98	342821	06/14/24	06/17/24	DXC
Barium	50		mg/Kg	0.98	0.98	342821	06/14/24	06/17/24	DXC
Beryllium	ND		mg/Kg	0.49	0.98	342821	06/14/24	06/17/24	DXC
Cadmium	ND		mg/Kg	0.49	0.98	342821	06/14/24	06/17/24	DXC
Chromium	19		mg/Kg	0.98	0.98	342821	06/14/24	06/17/24	DXC
Cobalt	8.2		mg/Kg	0.49	0.98	342821	06/14/24	06/17/24	DXC
Copper	10		mg/Kg	0.98	0.98	342821	06/14/24	06/17/24	DXC
Lead	2.3		mg/Kg	0.98	0.98	342821	06/14/24	06/17/24	DXC
Molybdenum	ND		mg/Kg	0.98	0.98	342821	06/14/24	06/17/24	DXC
Nickel	18		mg/Kg	0.98	0.98	342821	06/14/24	06/17/24	DXC
Selenium	ND		mg/Kg	2.9	0.98	342821	06/14/24	06/17/24	DXC
Silver	ND		mg/Kg	0.49	0.98	342821	06/14/24	06/17/24	DXC
Thallium	ND		mg/Kg	2.9	0.98	342821	06/14/24	06/17/24	DXC
Vanadium	34		mg/Kg	0.98	0.98	342821	06/14/24	06/17/24	DXC
Zinc	27		mg/Kg	4.9	0.98	342821	06/14/24	06/17/24	DXC
Method: EPA 7199 Prep Method: EPA 3060A									
Hexavalent Chromium	ND		mg/Kg	0.39	0.98	343305	06/20/24 12:34	06/21/24 12:43	PAS
Method: EPA 7471A Prep Method: METHOD									
Mercury	0.16		mg/Kg	0.16	1.1	342854	06/15/24	06/15/24	DXC
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	9.9	0.99	342833	06/15/24	06/20/24	KMB
DRO C10-C28	ND		mg/Kg	9.9	0.99	342833	06/15/24	06/20/24	KMB
ORO C28-C44	ND		mg/Kg	20	0.99	342833	06/15/24	06/20/24	KMB
Surrogates	Limits								
n-Triacontane	130%		%REC	70-130	0.99	342833	06/15/24	06/20/24	KMB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
beta-BHC	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
gamma-BHC	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
delta-BHC	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Heptachlor	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Aldrin	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Endosulfan I	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Dieldrin	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
4,4'-DDE	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Endrin	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Endosulfan II	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
4,4'-DDD	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR

Analysis Results for 510325

510325-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Endrin aldehyde	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Endrin ketone	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
4,4'-DDT	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Methoxychlor	ND		ug/Kg	10	1	342848	06/15/24	06/17/24	KLR
Toxaphene	ND		ug/Kg	100	1	342848	06/15/24	06/17/24	KLR
Chlordane (Technical)	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR

Surrogates	Limits								
TCMX	81%		%REC	23-120	1	342848	06/15/24	06/17/24	KLR
Decachlorobiphenyl	86%		%REC	24-120	1	342848	06/15/24	06/17/24	KLR

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1221	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1232	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1242	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1248	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1254	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1260	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1262	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1268	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR

Surrogates	Limits								
Decachlorobiphenyl (PCB)	84%		%REC	19-121	1	342848	06/15/24	06/17/24	KLR

Method: EPA 8260B

Prep Method: EPA 5035

3-Chloropropene	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
Freon 12	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
Chloromethane	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
Vinyl Chloride	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
Bromomethane	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
Chloroethane	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
Trichlorofluoromethane	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
Acetone	ND		ug/Kg	71	0.71	343705	06/26/24	06/26/24	TCN
Freon 113	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
1,1-Dichloroethene	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
Methylene Chloride	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
MTBE	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
1,1-Dichloroethane	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
2-Butanone	ND		ug/Kg	71	0.71	343705	06/26/24	06/26/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
2,2-Dichloropropane	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
Chloroform	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
Bromochloromethane	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
1,1-Dichloropropene	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
Carbon Tetrachloride	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
1,2-Dichloroethane	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
Benzene	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
Trichloroethene	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN

Analysis Results for 510325

510325-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloropropane	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
Bromodichloromethane	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
Dibromomethane	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
4-Methyl-2-Pentanone	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
Toluene	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
1,3-Dichloropropane	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
Tetrachloroethene	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
Dibromochloromethane	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
1,2-Dibromoethane	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
Chlorobenzene	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
Ethylbenzene	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
m,p-Xylenes	ND		ug/Kg	7.1	0.71	343705	06/26/24	06/26/24	TCN
o-Xylene	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
Styrene	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
Bromoform	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
Isopropylbenzene	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
Propylbenzene	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
Bromobenzene	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
2-Chlorotoluene	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
4-Chlorotoluene	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
tert-Butylbenzene	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
sec-Butylbenzene	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
n-Butylbenzene	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
Hexachlorobutadiene	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
Naphthalene	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
Xylene (total)	ND		ug/Kg	3.5	0.71	343705	06/26/24	06/26/24	TCN
Surrogates	Limits								
Dibromofluoromethane	100%		%REC	70-145	0.71	343705	06/26/24	06/26/24	TCN
1,2-Dichloroethane-d4	109%		%REC	70-145	0.71	343705	06/26/24	06/26/24	TCN
Toluene-d8	101%		%REC	70-145	0.71	343705	06/26/24	06/26/24	TCN
Bromofluorobenzene	106%		%REC	70-145	0.71	343705	06/26/24	06/26/24	TCN

Analysis Results for 510325

Sample ID: SB2-3
Lab ID: 510325-008
Collected: 06/13/24 08:45
Matrix: Soil

510325-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.96	342821	06/14/24	06/17/24	DXC
Arsenic	3.8		mg/Kg	0.96	0.96	342821	06/14/24	06/17/24	DXC
Barium	160		mg/Kg	0.96	0.96	342821	06/14/24	06/17/24	DXC
Beryllium	ND		mg/Kg	0.48	0.96	342821	06/14/24	06/17/24	DXC
Cadmium	ND		mg/Kg	0.48	0.96	342821	06/14/24	06/17/24	DXC
Chromium	63		mg/Kg	0.96	0.96	342821	06/14/24	06/17/24	DXC
Cobalt	19		mg/Kg	0.48	0.96	342821	06/14/24	06/17/24	DXC
Copper	39		mg/Kg	0.96	0.96	342821	06/14/24	06/17/24	DXC
Lead	8.8		mg/Kg	0.96	0.96	342821	06/14/24	06/17/24	DXC
Molybdenum	ND		mg/Kg	0.96	0.96	342821	06/14/24	06/17/24	DXC
Nickel	35		mg/Kg	0.96	0.96	342821	06/14/24	06/17/24	DXC
Selenium	ND		mg/Kg	2.9	0.96	342821	06/14/24	06/17/24	DXC
Silver	ND		mg/Kg	0.48	0.96	342821	06/14/24	06/17/24	DXC
Thallium	ND		mg/Kg	2.9	0.96	342821	06/14/24	06/17/24	DXC
Vanadium	97		mg/Kg	0.96	0.96	342821	06/14/24	06/17/24	DXC
Zinc	85		mg/Kg	4.8	0.96	342821	06/14/24	06/17/24	DXC
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.2	342854	06/15/24	06/15/24	DXC
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	9.9	0.99	342833	06/15/24	06/20/24	KMB
DRO C10-C28	ND		mg/Kg	9.9	0.99	342833	06/15/24	06/20/24	KMB
ORO C28-C44	ND		mg/Kg	20	0.99	342833	06/15/24	06/20/24	KMB
Surrogates				Limits					
n-Triacontane	126%		%REC	70-130	0.99	342833	06/15/24	06/20/24	KMB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
beta-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
gamma-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
delta-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Heptachlor	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Aldrin	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endosulfan I	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Dieldrin	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endrin	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endosulfan II	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endosulfan sulfate	ND		ug/Kg	5.3	1	343023	06/18/24	06/19/24	MES
4,4'-DDD	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endrin ketone	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES

Analysis Results for 510325

510325-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	10	1	343023	06/18/24	06/19/24	MES
Toxaphene	ND		ug/Kg	100	1	343023	06/18/24	06/19/24	MES
Chlordane (Technical)	ND		ug/Kg	51	1	343023	06/18/24	06/19/24	MES
Surrogates	Limits								
TCMX	93%		%REC	23-120	1	343023	06/18/24	06/19/24	MES
Decachlorobiphenyl	90%		%REC	24-120	1	343023	06/18/24	06/19/24	MES
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
Freon 12	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
Chloromethane	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
Vinyl Chloride	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
Bromomethane	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
Chloroethane	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
Trichlorofluoromethane	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
Acetone	ND		ug/Kg	65	0.65	343707	06/26/24	06/26/24	TCN
Freon 113	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
1,1-Dichloroethene	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
Methylene Chloride	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
MTBE	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
1,1-Dichloroethane	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
2-Butanone	ND		ug/Kg	65	0.65	343707	06/26/24	06/26/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
2,2-Dichloropropane	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
Chloroform	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
Bromochloromethane	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
1,1-Dichloropropene	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
Carbon Tetrachloride	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
1,2-Dichloroethane	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
Benzene	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
Trichloroethene	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
1,2-Dichloropropane	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
Bromodichloromethane	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
Dibromomethane	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
4-Methyl-2-Pentanone	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
Toluene	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
1,3-Dichloropropane	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
Tetrachloroethene	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
Dibromochloromethane	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
1,2-Dibromoethane	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
Chlorobenzene	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
Ethylbenzene	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
m,p-Xylenes	ND		ug/Kg	6.5	0.65	343707	06/26/24	06/26/24	TCN
o-Xylene	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN

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

Analysis Results for 510325

510325-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Styrene	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
Bromoform	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
Isopropylbenzene	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
Propylbenzene	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
Bromobenzene	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
2-Chlorotoluene	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
4-Chlorotoluene	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
tert-Butylbenzene	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
sec-Butylbenzene	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
n-Butylbenzene	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
Hexachlorobutadiene	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
Naphthalene	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
Xylene (total)	ND		ug/Kg	3.3	0.65	343707	06/26/24	06/26/24	TCN
Surrogates	Limits								
Dibromofluoromethane	98%		%REC	70-145	0.65	343707	06/26/24	06/26/24	TCN
1,2-Dichloroethane-d4	96%		%REC	70-145	0.65	343707	06/26/24	06/26/24	TCN
Toluene-d8	100%		%REC	70-145	0.65	343707	06/26/24	06/26/24	TCN
Bromofluorobenzene	99%		%REC	70-145	0.65	343707	06/26/24	06/26/24	TCN

Analysis Results for 510325

Sample ID: DL2-1	Lab ID: 510325-010	Collected: 06/13/24 09:20
Matrix: Soil		

510325-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	8.7		mg/Kg	0.95	0.95	342821	06/14/24	06/17/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	4.3		mg/Kg	0.95	0.95	342823	06/14/24	06/17/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	4.9	0.98	343023	06/18/24	06/19/24	MES
beta-BHC	ND		ug/Kg	4.9	0.98	343023	06/18/24	06/19/24	MES
gamma-BHC	ND		ug/Kg	4.9	0.98	343023	06/18/24	06/19/24	MES
delta-BHC	ND		ug/Kg	4.9	0.98	343023	06/18/24	06/19/24	MES
Heptachlor	ND		ug/Kg	4.9	0.98	343023	06/18/24	06/19/24	MES
Aldrin	ND		ug/Kg	4.9	0.98	343023	06/18/24	06/19/24	MES
Heptachlor epoxide	ND		ug/Kg	4.9	0.98	343023	06/18/24	06/19/24	MES
Endosulfan I	ND		ug/Kg	4.9	0.98	343023	06/18/24	06/19/24	MES
Dieldrin	ND		ug/Kg	4.9	0.98	343023	06/18/24	06/19/24	MES
4,4'-DDE	ND		ug/Kg	4.9	0.98	343023	06/18/24	06/19/24	MES
Endrin	ND		ug/Kg	4.9	0.98	343023	06/18/24	06/19/24	MES
Endosulfan II	ND		ug/Kg	4.9	0.98	343023	06/18/24	06/19/24	MES
Endosulfan sulfate	ND		ug/Kg	5.2	0.98	343023	06/18/24	06/19/24	MES
4,4'-DDD	ND		ug/Kg	4.9	0.98	343023	06/18/24	06/19/24	MES
Endrin aldehyde	ND		ug/Kg	4.9	0.98	343023	06/18/24	06/19/24	MES
Endrin ketone	ND		ug/Kg	4.9	0.98	343023	06/18/24	06/19/24	MES
4,4'-DDT	ND		ug/Kg	4.9	0.98	343023	06/18/24	06/19/24	MES
Methoxychlor	ND		ug/Kg	9.8	0.98	343023	06/18/24	06/19/24	MES
Toxaphene	ND		ug/Kg	98	0.98	343023	06/18/24	06/19/24	MES
Chlordane (Technical)	ND		ug/Kg	49	0.98	343023	06/18/24	06/19/24	MES
Surrogates	Limits								
TCMX	91%		%REC	23-120	0.98	343023	06/18/24	06/19/24	MES
Decachlorobiphenyl	88%		%REC	24-120	0.98	343023	06/18/24	06/19/24	MES

Analysis Results for 510325

Sample ID: DL2-3
Lab ID: 510325-011
Collected: 06/13/24 09:30
Matrix: Soil

510325-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	15		mg/Kg	0.99	0.99	342821	06/14/24	06/17/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	3.6		mg/Kg	0.99	0.99	342823	06/14/24	06/17/24	DXC
Method: EPA 7199 Prep Method: EPA 3060A									
Hexavalent Chromium	ND		mg/Kg	0.40	1	343305	06/20/24 12:34	06/21/24 12:54	PAS
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
beta-BHC	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
gamma-BHC	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
delta-BHC	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
Heptachlor	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
Aldrin	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
Heptachlor epoxide	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
Endosulfan I	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
Dieldrin	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
4,4'-DDE	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
Endrin	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
Endosulfan II	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
Endosulfan sulfate	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
4,4'-DDD	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
Endrin aldehyde	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
Endrin ketone	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
4,4'-DDT	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
Methoxychlor	ND		ug/Kg	9.8	0.98	342848	06/15/24	06/17/24	KLR
Toxaphene	ND		ug/Kg	98	0.98	342848	06/15/24	06/17/24	KLR
Chlordane (Technical)	ND		ug/Kg	49	0.98	342848	06/15/24	06/17/24	KLR
Surrogates				Limits					
TCMX	79%		%REC	23-120	0.98	342848	06/15/24	06/17/24	KLR
Decachlorobiphenyl	83%		%REC	24-120	0.98	342848	06/15/24	06/17/24	KLR
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	49	0.98	342848	06/15/24	06/17/24	KLR
Aroclor-1221	ND		ug/Kg	49	0.98	342848	06/15/24	06/17/24	KLR
Aroclor-1232	ND		ug/Kg	49	0.98	342848	06/15/24	06/17/24	KLR
Aroclor-1242	ND		ug/Kg	49	0.98	342848	06/15/24	06/17/24	KLR
Aroclor-1248	ND		ug/Kg	49	0.98	342848	06/15/24	06/17/24	KLR
Aroclor-1254	ND		ug/Kg	49	0.98	342848	06/15/24	06/17/24	KLR
Aroclor-1260	ND		ug/Kg	49	0.98	342848	06/15/24	06/17/24	KLR
Aroclor-1262	ND		ug/Kg	49	0.98	342848	06/15/24	06/17/24	KLR
Aroclor-1268	ND		ug/Kg	49	0.98	342848	06/15/24	06/17/24	KLR
Surrogates				Limits					
Decachlorobiphenyl (PCB)	82%		%REC	19-121	0.98	342848	06/15/24	06/17/24	KLR

Analysis Results for 510325

Analysis Results for 510325

Sample ID: SB1-1
Lab ID: 510325-012
Collected: 06/13/24 09:40
Matrix: Soil

510325-012 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	342821	06/14/24	06/17/24	DXC
Arsenic	3.5		mg/Kg	0.97	0.97	342821	06/14/24	06/17/24	DXC
Barium	140		mg/Kg	0.97	0.97	342821	06/14/24	06/17/24	DXC
Beryllium	0.50		mg/Kg	0.49	0.97	342821	06/14/24	06/17/24	DXC
Cadmium	ND		mg/Kg	0.49	0.97	342821	06/14/24	06/17/24	DXC
Chromium	60		mg/Kg	0.97	0.97	342821	06/14/24	06/17/24	DXC
Cobalt	18		mg/Kg	0.49	0.97	342821	06/14/24	06/17/24	DXC
Copper	29		mg/Kg	0.97	0.97	342821	06/14/24	06/17/24	DXC
Lead	3.3		mg/Kg	0.97	0.97	342821	06/14/24	06/17/24	DXC
Molybdenum	ND		mg/Kg	0.97	0.97	342821	06/14/24	06/17/24	DXC
Nickel	36		mg/Kg	0.97	0.97	342821	06/14/24	06/17/24	DXC
Selenium	ND		mg/Kg	2.9	0.97	342821	06/14/24	06/17/24	DXC
Silver	ND		mg/Kg	0.49	0.97	342821	06/14/24	06/17/24	DXC
Thallium	ND		mg/Kg	2.9	0.97	342821	06/14/24	06/17/24	DXC
Vanadium	81		mg/Kg	0.97	0.97	342821	06/14/24	06/17/24	DXC
Zinc	61		mg/Kg	4.9	0.97	342821	06/14/24	06/17/24	DXC
Method: EPA 7199 Prep Method: EPA 3060A									
Hexavalent Chromium	ND		mg/Kg	0.39	0.98	343305	06/20/24 12:34	06/21/24 13:05	PAS
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.2	342854	06/15/24	06/15/24	DXC
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	9.9	0.99	342833	06/15/24	06/20/24	KMB
DRO C10-C28	ND		mg/Kg	9.9	0.99	342833	06/15/24	06/20/24	KMB
ORO C28-C44	ND		mg/Kg	20	0.99	342833	06/15/24	06/20/24	KMB
Surrogates	Limits								
n-Triacontane	129%		%REC	70-130	0.99	342833	06/15/24	06/20/24	KMB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
beta-BHC	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
gamma-BHC	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
delta-BHC	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
Heptachlor	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
Aldrin	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
Endosulfan I	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
Dieldrin	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
4,4'-DDE	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
Endrin	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
Endosulfan II	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
4,4'-DDD	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR

Analysis Results for 510325

510325-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Endrin aldehyde	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
Endrin ketone	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
4,4'-DDT	ND		ug/Kg	5.0	0.99	342848	06/15/24	06/17/24	KLR
Methoxychlor	ND		ug/Kg	9.9	0.99	342848	06/15/24	06/17/24	KLR
Toxaphene	ND		ug/Kg	99	0.99	342848	06/15/24	06/17/24	KLR
Chlordane (Technical)	ND		ug/Kg	50	0.99	342848	06/15/24	06/17/24	KLR

Surrogates	Limits								
TCMX	91%	%REC	23-120	0.99	342848	06/15/24	06/17/24	KLR	
Decachlorobiphenyl	94%	%REC	24-120	0.99	342848	06/15/24	06/17/24	KLR	

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	50	0.99	342848	06/15/24	06/17/24	KLR
Aroclor-1221	ND		ug/Kg	50	0.99	342848	06/15/24	06/17/24	KLR
Aroclor-1232	ND		ug/Kg	50	0.99	342848	06/15/24	06/17/24	KLR
Aroclor-1242	ND		ug/Kg	50	0.99	342848	06/15/24	06/17/24	KLR
Aroclor-1248	ND		ug/Kg	50	0.99	342848	06/15/24	06/17/24	KLR
Aroclor-1254	ND		ug/Kg	50	0.99	342848	06/15/24	06/17/24	KLR
Aroclor-1260	ND		ug/Kg	50	0.99	342848	06/15/24	06/17/24	KLR
Aroclor-1262	ND		ug/Kg	50	0.99	342848	06/15/24	06/17/24	KLR
Aroclor-1268	ND		ug/Kg	50	0.99	342848	06/15/24	06/17/24	KLR

Surrogates	Limits								
Decachlorobiphenyl (PCB)	95%	%REC	19-121	0.99	342848	06/15/24	06/17/24	KLR	

Method: EPA 8260B

Prep Method: EPA 5035

3-Chloropropene	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
Freon 12	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
Chloromethane	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
Vinyl Chloride	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
Bromomethane	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
Chloroethane	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
Trichlorofluoromethane	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
Acetone	ND		ug/Kg	53	0.53	343707	06/26/24	06/26/24	TCN
Freon 113	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
1,1-Dichloroethene	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
Methylene Chloride	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
MTBE	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
1,1-Dichloroethane	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
2-Butanone	ND		ug/Kg	53	0.53	343707	06/26/24	06/26/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
2,2-Dichloropropane	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
Chloroform	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
Bromochloromethane	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
1,1-Dichloropropene	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
Carbon Tetrachloride	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
1,2-Dichloroethane	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
Benzene	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
Trichloroethene	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN

Analysis Results for 510325

510325-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloropropane	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
Bromodichloromethane	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
Dibromomethane	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
4-Methyl-2-Pentanone	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
Toluene	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
1,3-Dichloropropane	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
Tetrachloroethene	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
Dibromochloromethane	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
1,2-Dibromoethane	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
Chlorobenzene	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
Ethylbenzene	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
m,p-Xylenes	ND		ug/Kg	5.3	0.53	343707	06/26/24	06/26/24	TCN
o-Xylene	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
Styrene	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
Bromoform	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
Isopropylbenzene	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
Propylbenzene	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
Bromobenzene	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
2-Chlorotoluene	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
4-Chlorotoluene	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
tert-Butylbenzene	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
sec-Butylbenzene	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
n-Butylbenzene	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
Hexachlorobutadiene	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
Naphthalene	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
Xylene (total)	ND		ug/Kg	2.7	0.53	343707	06/26/24	06/26/24	TCN
Surrogates	Limits								
Dibromofluoromethane	99%		%REC	70-145	0.53	343707	06/26/24	06/26/24	TCN
1,2-Dichloroethane-d4	95%		%REC	70-145	0.53	343707	06/26/24	06/26/24	TCN
Toluene-d8	101%		%REC	70-145	0.53	343707	06/26/24	06/26/24	TCN
Bromofluorobenzene	97%		%REC	70-145	0.53	343707	06/26/24	06/26/24	TCN

Analysis Results for 510325

Sample ID: SB1-3
Lab ID: 510325-013
Collected: 06/13/24 09:50
Matrix: Soil

510325-013 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	342821	06/14/24	06/17/24	DXC
Arsenic	3.4		mg/Kg	0.98	0.98	342821	06/14/24	06/17/24	DXC
Barium	120		mg/Kg	0.98	0.98	342821	06/14/24	06/17/24	DXC
Beryllium	ND		mg/Kg	0.49	0.98	342821	06/14/24	06/17/24	DXC
Cadmium	ND		mg/Kg	0.49	0.98	342821	06/14/24	06/17/24	DXC
Chromium	60		mg/Kg	0.98	0.98	342821	06/14/24	06/17/24	DXC
Cobalt	17		mg/Kg	0.49	0.98	342821	06/14/24	06/17/24	DXC
Copper	24		mg/Kg	0.98	0.98	342821	06/14/24	06/17/24	DXC
Lead	2.8		mg/Kg	0.98	0.98	342821	06/14/24	06/17/24	DXC
Molybdenum	ND		mg/Kg	0.98	0.98	342821	06/14/24	06/17/24	DXC
Nickel	33		mg/Kg	0.98	0.98	342821	06/14/24	06/17/24	DXC
Selenium	ND		mg/Kg	2.9	0.98	342821	06/14/24	06/17/24	DXC
Silver	ND		mg/Kg	0.49	0.98	342821	06/14/24	06/17/24	DXC
Thallium	ND		mg/Kg	2.9	0.98	342821	06/14/24	06/17/24	DXC
Vanadium	79		mg/Kg	0.98	0.98	342821	06/14/24	06/17/24	DXC
Zinc	51		mg/Kg	4.9	0.98	342821	06/14/24	06/17/24	DXC
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.2	342854	06/15/24	06/15/24	DXC
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	10	1	342833	06/15/24	06/20/24	KMB
DRO C10-C28	ND		mg/Kg	10	1	342833	06/15/24	06/20/24	KMB
ORO C28-C44	ND		mg/Kg	20	1	342833	06/15/24	06/20/24	KMB
Surrogates	Limits								
n-Triacontane	132%	*	%REC	70-130	1	342833	06/15/24	06/20/24	KMB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
beta-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
gamma-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
delta-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Heptachlor	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Aldrin	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endosulfan I	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Dieldrin	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endrin	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endosulfan II	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endosulfan sulfate	ND		ug/Kg	5.3	1	343023	06/18/24	06/19/24	MES
4,4'-DDD	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endrin ketone	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES

Analysis Results for 510325

510325-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	10	1	343023	06/18/24	06/19/24	MES
Toxaphene	ND		ug/Kg	100	1	343023	06/18/24	06/19/24	MES
Chlordane (Technical)	ND		ug/Kg	51	1	343023	06/18/24	06/19/24	MES
Surrogates	Limits								
TCMX	90%		%REC	23-120	1	343023	06/18/24	06/19/24	MES
Decachlorobiphenyl	92%		%REC	24-120	1	343023	06/18/24	06/19/24	MES
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
Freon 12	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
Chloromethane	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
Vinyl Chloride	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
Bromomethane	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
Chloroethane	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
Trichlorofluoromethane	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
Acetone	ND		ug/Kg	59	0.59	343807	06/26/24	06/26/24	TCN
Freon 113	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
1,1-Dichloroethene	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
Methylene Chloride	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
MTBE	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
1,1-Dichloroethane	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
2-Butanone	ND		ug/Kg	59	0.59	343807	06/26/24	06/26/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
2,2-Dichloropropane	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
Chloroform	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
Bromochloromethane	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
1,1-Dichloropropene	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
Carbon Tetrachloride	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
1,2-Dichloroethane	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
Benzene	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
Trichloroethene	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
1,2-Dichloropropane	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
Bromodichloromethane	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
Dibromomethane	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
4-Methyl-2-Pentanone	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
Toluene	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
1,3-Dichloropropane	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
Tetrachloroethene	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
Dibromochloromethane	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
1,2-Dibromoethane	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
Chlorobenzene	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
Ethylbenzene	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
m,p-Xylenes	ND		ug/Kg	5.9	0.59	343807	06/26/24	06/26/24	TCN
o-Xylene	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN

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

Analysis Results for 510325

510325-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Styrene	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
Bromoform	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
Isopropylbenzene	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
Propylbenzene	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
Bromobenzene	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
2-Chlorotoluene	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
4-Chlorotoluene	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
tert-Butylbenzene	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
sec-Butylbenzene	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
n-Butylbenzene	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
Hexachlorobutadiene	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
Naphthalene	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
Xylene (total)	ND		ug/Kg	3.0	0.59	343807	06/26/24	06/26/24	TCN
Surrogates	Limits								
Dibromofluoromethane	99%		%REC	70-145	0.59	343807	06/26/24	06/26/24	TCN
1,2-Dichloroethane-d4	105%		%REC	70-145	0.59	343807	06/26/24	06/26/24	TCN
Toluene-d8	101%		%REC	70-145	0.59	343807	06/26/24	06/26/24	TCN
Bromofluorobenzene	104%		%REC	70-145	0.59	343807	06/26/24	06/26/24	TCN

Analysis Results for 510325

Sample ID: SB3-1
Lab ID: 510325-015
Collected: 06/13/24 10:25
Matrix: Soil

510325-015 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	342821	06/14/24	06/17/24	DXC
Arsenic	2.0		mg/Kg	0.99	0.99	342821	06/14/24	06/17/24	DXC
Barium	130		mg/Kg	0.99	0.99	342821	06/14/24	06/17/24	DXC
Beryllium	0.52		mg/Kg	0.50	0.99	342821	06/14/24	06/17/24	DXC
Cadmium	ND		mg/Kg	0.50	0.99	342821	06/14/24	06/17/24	DXC
Chromium	59		mg/Kg	0.99	0.99	342821	06/14/24	06/17/24	DXC
Cobalt	18		mg/Kg	0.50	0.99	342821	06/14/24	06/17/24	DXC
Copper	24		mg/Kg	0.99	0.99	342821	06/14/24	06/17/24	DXC
Lead	4.7		mg/Kg	0.99	0.99	342821	06/14/24	06/17/24	DXC
Molybdenum	ND		mg/Kg	0.99	0.99	342821	06/14/24	06/17/24	DXC
Nickel	37		mg/Kg	0.99	0.99	342821	06/14/24	06/17/24	DXC
Selenium	ND		mg/Kg	3.0	0.99	342821	06/14/24	06/17/24	DXC
Silver	ND		mg/Kg	0.50	0.99	342821	06/14/24	06/17/24	DXC
Thallium	ND		mg/Kg	3.0	0.99	342821	06/14/24	06/17/24	DXC
Vanadium	68		mg/Kg	0.99	0.99	342821	06/14/24	06/17/24	DXC
Zinc	45		mg/Kg	5.0	0.99	342821	06/14/24	06/17/24	DXC
Method: EPA 7199 Prep Method: EPA 3060A									
Hexavalent Chromium	ND		mg/Kg	0.39	0.98	343305	06/20/24 12:34	06/21/24 13:16	PAS
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	342854	06/15/24	06/15/24	DXC
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	10	1	342833	06/15/24	06/20/24	KMB
DRO C10-C28	ND		mg/Kg	10	1	342833	06/15/24	06/20/24	KMB
ORO C28-C44	ND		mg/Kg	20	1	342833	06/15/24	06/20/24	KMB
Surrogates	Limits								
n-Triacontane	133%	*	%REC	70-130	1	342833	06/15/24	06/20/24	KMB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
beta-BHC	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
gamma-BHC	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
delta-BHC	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Heptachlor	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Aldrin	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Endosulfan I	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Dieldrin	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
4,4'-DDE	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Endrin	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Endosulfan II	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
4,4'-DDD	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR

Analysis Results for 510325

510325-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Endrin aldehyde	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Endrin ketone	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
4,4'-DDT	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Methoxychlor	ND		ug/Kg	10	1	342848	06/15/24	06/17/24	KLR
Toxaphene	ND		ug/Kg	100	1	342848	06/15/24	06/17/24	KLR
Chlordane (Technical)	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR

Surrogates	Limits								
TCMX	88%		%REC	23-120	1	342848	06/15/24	06/17/24	KLR
Decachlorobiphenyl	90%		%REC	24-120	1	342848	06/15/24	06/17/24	KLR

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1221	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1232	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1242	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1248	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1254	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1260	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1262	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1268	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR

Surrogates	Limits								
Decachlorobiphenyl (PCB)	91%		%REC	19-121	1	342848	06/15/24	06/17/24	KLR

Method: EPA 8260B

Prep Method: EPA 5035

3-Chloropropene	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
Freon 12	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
Chloromethane	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
Vinyl Chloride	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
Bromomethane	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
Chloroethane	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
Trichlorofluoromethane	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
Acetone	ND		ug/Kg	54	0.54	343807	06/26/24	06/26/24	TCN
Freon 113	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
1,1-Dichloroethene	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
Methylene Chloride	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
MTBE	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
1,1-Dichloroethane	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
2-Butanone	ND		ug/Kg	54	0.54	343807	06/26/24	06/26/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
2,2-Dichloropropane	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
Chloroform	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
Bromochloromethane	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
1,1-Dichloropropene	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
Carbon Tetrachloride	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
1,2-Dichloroethane	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
Benzene	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
Trichloroethene	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN

Analysis Results for 510325

510325-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloropropane	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
Bromodichloromethane	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
Dibromomethane	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
4-Methyl-2-Pentanone	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
Toluene	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
1,3-Dichloropropane	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
Tetrachloroethene	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
Dibromochloromethane	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
1,2-Dibromoethane	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
Chlorobenzene	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
Ethylbenzene	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
m,p-Xylenes	ND		ug/Kg	5.4	0.54	343807	06/26/24	06/26/24	TCN
o-Xylene	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
Styrene	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
Bromoform	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
Isopropylbenzene	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
Propylbenzene	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
Bromobenzene	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
2-Chlorotoluene	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
4-Chlorotoluene	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
tert-Butylbenzene	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
sec-Butylbenzene	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
n-Butylbenzene	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
Hexachlorobutadiene	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
Naphthalene	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
Xylene (total)	ND		ug/Kg	2.7	0.54	343807	06/26/24	06/26/24	TCN
Surrogates	Limits								
Dibromofluoromethane	101%		%REC	70-145	0.54	343807	06/26/24	06/26/24	TCN
1,2-Dichloroethane-d4	109%		%REC	70-145	0.54	343807	06/26/24	06/26/24	TCN
Toluene-d8	101%		%REC	70-145	0.54	343807	06/26/24	06/26/24	TCN
Bromofluorobenzene	102%		%REC	70-145	0.54	343807	06/26/24	06/26/24	TCN

Analysis Results for 510325

Sample ID: SB3-3
Lab ID: 510325-016
Collected: 06/13/24 10:35
Matrix: Soil

510325-016 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	342821	06/14/24	06/17/24	DXC
Arsenic	3.1		mg/Kg	0.98	0.98	342821	06/14/24	06/17/24	DXC
Barium	150		mg/Kg	0.98	0.98	342821	06/14/24	06/17/24	DXC
Beryllium	0.51		mg/Kg	0.49	0.98	342821	06/14/24	06/17/24	DXC
Cadmium	ND		mg/Kg	0.49	0.98	342821	06/14/24	06/17/24	DXC
Chromium	62		mg/Kg	0.98	0.98	342821	06/14/24	06/17/24	DXC
Cobalt	18		mg/Kg	0.49	0.98	342821	06/14/24	06/17/24	DXC
Copper	27		mg/Kg	0.98	0.98	342821	06/14/24	06/17/24	DXC
Lead	3.1		mg/Kg	0.98	0.98	342821	06/14/24	06/17/24	DXC
Molybdenum	ND		mg/Kg	0.98	0.98	342821	06/14/24	06/17/24	DXC
Nickel	36		mg/Kg	0.98	0.98	342821	06/14/24	06/17/24	DXC
Selenium	ND		mg/Kg	2.9	0.98	342821	06/14/24	06/17/24	DXC
Silver	ND		mg/Kg	0.49	0.98	342821	06/14/24	06/17/24	DXC
Thallium	ND		mg/Kg	2.9	0.98	342821	06/14/24	06/17/24	DXC
Vanadium	81		mg/Kg	0.98	0.98	342821	06/14/24	06/17/24	DXC
Zinc	56		mg/Kg	4.9	0.98	342821	06/14/24	06/17/24	DXC
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	342854	06/15/24	06/15/24	DXC
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	10	1	342833	06/15/24	06/21/24	DIB
DRO C10-C28	ND		mg/Kg	10	1	342833	06/15/24	06/21/24	DIB
ORO C28-C44	66		mg/Kg	20	1	342833	06/15/24	06/21/24	DIB
Surrogates				Limits					
n-Triacontane	112%		%REC	70-130	1	342833	06/15/24	06/21/24	DIB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
beta-BHC	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
gamma-BHC	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
delta-BHC	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Heptachlor	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Aldrin	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Endosulfan I	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Dieldrin	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
4,4'-DDE	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Endrin	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Endosulfan II	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Endosulfan sulfate	ND		ug/Kg	5.3	1	343023	06/18/24	06/19/24	MES
4,4'-DDD	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Endrin ketone	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES

Analysis Results for 510325

510325-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	10	1	343023	06/18/24	06/19/24	MES
Toxaphene	ND		ug/Kg	100	1	343023	06/18/24	06/19/24	MES
Chlordane (Technical)	ND		ug/Kg	50	1	343023	06/18/24	06/19/24	MES
Surrogates	Limits								
TCMX	88%		%REC	23-120	1	343023	06/18/24	06/19/24	MES
Decachlorobiphenyl	82%		%REC	24-120	1	343023	06/18/24	06/19/24	MES
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
Freon 12	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
Chloromethane	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
Vinyl Chloride	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
Bromomethane	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
Chloroethane	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
Trichlorofluoromethane	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
Acetone	ND		ug/Kg	57	0.57	343807	06/26/24	06/26/24	TCN
Freon 113	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
1,1-Dichloroethene	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
Methylene Chloride	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
MTBE	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
1,1-Dichloroethane	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
2-Butanone	ND		ug/Kg	57	0.57	343807	06/26/24	06/26/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
2,2-Dichloropropane	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
Chloroform	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
Bromochloromethane	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
1,1-Dichloropropene	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
Carbon Tetrachloride	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
1,2-Dichloroethane	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
Benzene	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
Trichloroethene	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
1,2-Dichloropropane	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
Bromodichloromethane	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
Dibromomethane	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
4-Methyl-2-Pentanone	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
Toluene	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
1,3-Dichloropropane	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
Tetrachloroethene	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
Dibromochloromethane	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
1,2-Dibromoethane	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
Chlorobenzene	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
Ethylbenzene	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
m,p-Xylenes	ND		ug/Kg	5.7	0.57	343807	06/26/24	06/26/24	TCN
o-Xylene	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN

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

Analysis Results for 510325

510325-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Styrene	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
Bromoform	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
Isopropylbenzene	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
Propylbenzene	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
Bromobenzene	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
2-Chlorotoluene	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
4-Chlorotoluene	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
tert-Butylbenzene	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
sec-Butylbenzene	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
n-Butylbenzene	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
Hexachlorobutadiene	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
Naphthalene	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
Xylene (total)	ND		ug/Kg	2.8	0.57	343807	06/26/24	06/26/24	TCN
Surrogates	Limits								
Dibromofluoromethane	103%		%REC	70-145	0.57	343807	06/26/24	06/26/24	TCN
1,2-Dichloroethane-d4	109%		%REC	70-145	0.57	343807	06/26/24	06/26/24	TCN
Toluene-d8	100%		%REC	70-145	0.57	343807	06/26/24	06/26/24	TCN
Bromofluorobenzene	103%		%REC	70-145	0.57	343807	06/26/24	06/26/24	TCN

Analysis Results for 510325

Sample ID: SB4-1	Lab ID: 510325-018	Collected: 06/13/24 11:00
	Matrix: Soil	

510325-018 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	3.6		mg/Kg	0.95	0.95	342821	06/14/24	06/17/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.8		mg/Kg	0.96	0.96	342823	06/14/24	06/17/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	343023	06/18/24	06/19/24	MES
beta-BHC	ND		ug/Kg	5.0	0.99	343023	06/18/24	06/19/24	MES
gamma-BHC	ND		ug/Kg	5.0	0.99	343023	06/18/24	06/19/24	MES
delta-BHC	ND		ug/Kg	5.0	0.99	343023	06/18/24	06/19/24	MES
Heptachlor	ND		ug/Kg	5.0	0.99	343023	06/18/24	06/19/24	MES
Aldrin	ND		ug/Kg	5.0	0.99	343023	06/18/24	06/19/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	343023	06/18/24	06/19/24	MES
Endosulfan I	ND		ug/Kg	5.0	0.99	343023	06/18/24	06/19/24	MES
Dieldrin	ND		ug/Kg	5.0	0.99	343023	06/18/24	06/19/24	MES
4,4'-DDE	ND		ug/Kg	5.0	0.99	343023	06/18/24	06/19/24	MES
Endrin	ND		ug/Kg	5.0	0.99	343023	06/18/24	06/19/24	MES
Endosulfan II	ND		ug/Kg	5.0	0.99	343023	06/18/24	06/19/24	MES
Endosulfan sulfate	ND		ug/Kg	5.2	0.99	343023	06/18/24	06/19/24	MES
4,4'-DDD	ND		ug/Kg	5.0	0.99	343023	06/18/24	06/19/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	0.99	343023	06/18/24	06/19/24	MES
Endrin ketone	ND		ug/Kg	5.0	0.99	343023	06/18/24	06/19/24	MES
4,4'-DDT	ND		ug/Kg	5.0	0.99	343023	06/18/24	06/19/24	MES
Methoxychlor	ND		ug/Kg	9.9	0.99	343023	06/18/24	06/19/24	MES
Toxaphene	ND		ug/Kg	99	0.99	343023	06/18/24	06/19/24	MES
Chlordane (Technical)	ND		ug/Kg	50	0.99	343023	06/18/24	06/19/24	MES
Surrogates	Limits								
TCMX	93%		%REC	23-120	0.99	343023	06/18/24	06/19/24	MES
Decachlorobiphenyl	91%		%REC	24-120	0.99	343023	06/18/24	06/19/24	MES

Analysis Results for 510325

Sample ID: SB4-3	Lab ID: 510325-019	Collected: 06/13/24 11:05
Matrix: Soil		

510325-019 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	3.4		mg/Kg	0.99	0.99	342821	06/14/24	06/17/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.9		mg/Kg	0.99	0.99	342823	06/14/24	06/17/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
beta-BHC	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
gamma-BHC	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
delta-BHC	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Heptachlor	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Aldrin	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Endosulfan I	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Dieldrin	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
4,4'-DDE	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Endrin	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Endosulfan II	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Endosulfan sulfate	ND		ug/Kg	5.3	1	343023	06/18/24	06/19/24	MES
4,4'-DDD	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Endrin ketone	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Methoxychlor	ND		ug/Kg	10	1	343023	06/18/24	06/19/24	MES
Toxaphene	ND		ug/Kg	100	1	343023	06/18/24	06/19/24	MES
Chlordane (Technical)	ND		ug/Kg	50	1	343023	06/18/24	06/19/24	MES
Surrogates	Limits								
TCMX	87%		%REC	23-120	1	343023	06/18/24	06/19/24	MES
Decachlorobiphenyl	87%		%REC	24-120	1	343023	06/18/24	06/19/24	MES

Analysis Results for 510325

Sample ID: SB4-3DUP	Lab ID: 510325-021	Collected: 06/13/24 11:05
	Matrix: Soil	

510325-021 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	3.4		mg/Kg	0.99	0.99	342821	06/14/24	06/17/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.8		mg/Kg	0.99	0.99	342823	06/14/24	06/17/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
beta-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
gamma-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
delta-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Heptachlor	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Aldrin	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endosulfan I	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Dieldrin	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endrin	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endosulfan II	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endosulfan sulfate	ND		ug/Kg	5.4	1	343023	06/18/24	06/19/24	MES
4,4'-DDD	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endrin ketone	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Methoxychlor	ND		ug/Kg	10	1	343023	06/18/24	06/19/24	MES
Toxaphene	ND		ug/Kg	100	1	343023	06/18/24	06/19/24	MES
Chlordane (Technical)	ND		ug/Kg	51	1	343023	06/18/24	06/19/24	MES
Surrogates	Limits								
TCMX	95%		%REC	23-120	1	343023	06/18/24	06/19/24	MES
Decachlorobiphenyl	90%		%REC	24-120	1	343023	06/18/24	06/19/24	MES

Analysis Results for 510325

Sample ID: DL20-1
Lab ID: 510325-022
Collected: 06/13/24 11:30
Matrix: Soil

510325-022 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	2.3		mg/Kg	0.95	0.95	342821	06/14/24	06/17/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.4		mg/Kg	0.95	0.95	342823	06/14/24	06/17/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
beta-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
gamma-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
delta-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Heptachlor	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Aldrin	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endosulfan I	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Dieldrin	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endrin	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endosulfan II	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endosulfan sulfate	ND		ug/Kg	5.3	1	343023	06/18/24	06/19/24	MES
4,4'-DDD	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endrin ketone	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Methoxychlor	ND		ug/Kg	10	1	343023	06/18/24	06/19/24	MES
Toxaphene	ND		ug/Kg	100	1	343023	06/18/24	06/19/24	MES
Chlordane (Technical)	ND		ug/Kg	51	1	343023	06/18/24	06/19/24	MES
Surrogates	Limits								
TCMX	89%		%REC	23-120	1	343023	06/18/24	06/19/24	MES
Decachlorobiphenyl	84%		%REC	24-120	1	343023	06/18/24	06/19/24	MES

Analysis Results for 510325

Sample ID: DL20-1DUP	Lab ID: 510325-023	Collected: 06/13/24 11:33
	Matrix: Soil	

510325-023 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	2.1		mg/Kg	0.98	0.98	342821	06/14/24	06/17/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	3.5		mg/Kg	0.98	0.98	342823	06/14/24	06/17/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
beta-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
gamma-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
delta-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Heptachlor	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Aldrin	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endosulfan I	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Dieldrin	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endrin	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endosulfan II	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endosulfan sulfate	ND		ug/Kg	5.3	1	343023	06/18/24	06/19/24	MES
4,4'-DDD	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endrin ketone	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Methoxychlor	ND		ug/Kg	10	1	343023	06/18/24	06/19/24	MES
Toxaphene	ND		ug/Kg	100	1	343023	06/18/24	06/19/24	MES
Chlordane (Technical)	ND		ug/Kg	51	1	343023	06/18/24	06/19/24	MES
Surrogates	Limits								
TCMX	90%		%REC	23-120	1	343023	06/18/24	06/19/24	MES
Decachlorobiphenyl	84%		%REC	24-120	1	343023	06/18/24	06/19/24	MES

Analysis Results for 510325

Sample ID: DL20-3
Lab ID: 510325-024
Collected: 06/13/24 11:35
Matrix: Soil

510325-024 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	6.6		mg/Kg	0.95	0.95	342950	06/17/24	06/17/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.3		mg/Kg	0.95	0.95	342949	06/17/24	06/18/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
beta-BHC	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
gamma-BHC	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
delta-BHC	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Heptachlor	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Aldrin	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Endosulfan I	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Dieldrin	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
4,4'-DDE	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Endrin	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Endosulfan II	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Endosulfan sulfate	ND		ug/Kg	5.3	1	343023	06/18/24	06/19/24	MES
4,4'-DDD	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Endrin ketone	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Methoxychlor	ND		ug/Kg	10	1	343023	06/18/24	06/19/24	MES
Toxaphene	ND		ug/Kg	100	1	343023	06/18/24	06/19/24	MES
Chlordane (Technical)	ND		ug/Kg	50	1	343023	06/18/24	06/19/24	MES
Surrogates	Limits								
TCMX	93%		%REC	23-120	1	343023	06/18/24	06/19/24	MES
Decachlorobiphenyl	89%		%REC	24-120	1	343023	06/18/24	06/19/24	MES

Analysis Results for 510325

Sample ID: DL21-1
Lab ID: 510325-025
Collected: 06/13/24 11:40
Matrix: Soil

510325-025 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	3.6		mg/Kg	0.95	0.95	342950	06/17/24	06/17/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.7		mg/Kg	0.95	0.95	342949	06/17/24	06/18/24	DXC
Method: EPA 7199 Prep Method: EPA 3060A									
Hexavalent Chromium	ND		mg/Kg	0.40	1	343305	06/20/24 12:34	06/21/24 13:27	PAS
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
beta-BHC	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
gamma-BHC	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
delta-BHC	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Heptachlor	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Aldrin	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Endosulfan I	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Dieldrin	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
4,4'-DDE	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Endrin	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Endosulfan II	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
4,4'-DDD	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Endrin aldehyde	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Endrin ketone	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
4,4'-DDT	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Methoxychlor	ND		ug/Kg	10	1	342848	06/15/24	06/17/24	KLR
Toxaphene	ND		ug/Kg	100	1	342848	06/15/24	06/17/24	KLR
Chlordane (Technical)	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Surrogates				Limits					
TCMX	86%		%REC	23-120	1	342848	06/15/24	06/17/24	KLR
Decachlorobiphenyl	93%		%REC	24-120	1	342848	06/15/24	06/17/24	KLR
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1221	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1232	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1242	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1248	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1254	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1260	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1262	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1268	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Surrogates				Limits					
Decachlorobiphenyl (PCB)	89%		%REC	19-121	1	342848	06/15/24	06/17/24	KLR

Analysis Results for 510325

Sample ID: DL21-3
Lab ID: 510325-026
Collected: 06/13/24 11:50
Matrix: Soil

510325-026 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	4.4		mg/Kg	0.97	0.97	342950	06/17/24	06/17/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	1.6		mg/Kg	0.97	0.97	342949	06/17/24	06/18/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
beta-BHC	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
gamma-BHC	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
delta-BHC	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Heptachlor	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Aldrin	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Endosulfan I	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Dieldrin	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
4,4'-DDE	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Endrin	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Endosulfan II	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Endosulfan sulfate	ND		ug/Kg	5.3	1	343023	06/18/24	06/19/24	MES
4,4'-DDD	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Endrin ketone	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1	343023	06/18/24	06/19/24	MES
Methoxychlor	ND		ug/Kg	10	1	343023	06/18/24	06/19/24	MES
Toxaphene	ND		ug/Kg	100	1	343023	06/18/24	06/19/24	MES
Chlordane (Technical)	ND		ug/Kg	50	1	343023	06/18/24	06/19/24	MES
Surrogates	Limits								
TCMX	95%		%REC	23-120	1	343023	06/18/24	06/19/24	MES
Decachlorobiphenyl	88%		%REC	24-120	1	343023	06/18/24	06/19/24	MES

Analysis Results for 510325

Sample ID: DL9-1	Lab ID: 510325-027	Collected: 06/13/24 12:05
Matrix: Soil		

510325-027 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	2.8		mg/Kg	0.97	0.97	342950	06/17/24	06/17/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	3.4		mg/Kg	0.97	0.97	342949	06/17/24	06/18/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
beta-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
gamma-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
delta-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Heptachlor	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Aldrin	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endosulfan I	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Dieldrin	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endrin	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endosulfan II	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endosulfan sulfate	ND		ug/Kg	5.3	1	343023	06/18/24	06/19/24	MES
4,4'-DDD	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endrin ketone	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Methoxychlor	ND		ug/Kg	10	1	343023	06/18/24	06/19/24	MES
Toxaphene	ND		ug/Kg	100	1	343023	06/18/24	06/19/24	MES
Chlordane (Technical)	ND		ug/Kg	51	1	343023	06/18/24	06/19/24	MES
Surrogates	Limits								
TCMX	93%		%REC	23-120	1	343023	06/18/24	06/19/24	MES
Decachlorobiphenyl	90%		%REC	24-120	1	343023	06/18/24	06/19/24	MES

Analysis Results for 510325

Sample ID: DL9-3	Lab ID: 510325-028	Collected: 06/13/24 12:08
Matrix: Soil		

510325-028 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	23		mg/Kg	0.97	0.97	342950	06/17/24	06/17/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.7		mg/Kg	0.97	0.97	342949	06/17/24	06/18/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
beta-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
gamma-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
delta-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Heptachlor	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Aldrin	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endosulfan I	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Dieldrin	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endrin	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endosulfan II	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endosulfan sulfate	ND		ug/Kg	5.3	1	343023	06/18/24	06/19/24	MES
4,4'-DDD	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endrin ketone	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Methoxychlor	ND		ug/Kg	10	1	343023	06/18/24	06/19/24	MES
Toxaphene	ND		ug/Kg	100	1	343023	06/18/24	06/19/24	MES
Chlordane (Technical)	ND		ug/Kg	51	1	343023	06/18/24	06/19/24	MES
Surrogates	Limits								
TCMX	99%		%REC	23-120	1	343023	06/18/24	06/19/24	MES
Decachlorobiphenyl	92%		%REC	24-120	1	343023	06/18/24	06/19/24	MES

Analysis Results for 510325

Sample ID: DL5-1	Lab ID: 510325-029	Collected: 06/13/24 12:20
Matrix: Soil		

510325-029 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	32		mg/Kg	0.98	0.98	342950	06/17/24	06/17/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.4		mg/Kg	0.98	0.98	342949	06/17/24	06/18/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
beta-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
gamma-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
delta-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Heptachlor	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Aldrin	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endosulfan I	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Dieldrin	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endrin	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endosulfan II	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endosulfan sulfate	ND		ug/Kg	5.3	1	343023	06/18/24	06/19/24	MES
4,4'-DDD	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endrin ketone	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Methoxychlor	ND		ug/Kg	10	1	343023	06/18/24	06/19/24	MES
Toxaphene	ND		ug/Kg	100	1	343023	06/18/24	06/19/24	MES
Chlordane (Technical)	ND		ug/Kg	51	1	343023	06/18/24	06/19/24	MES
Surrogates	Limits								
TCMX	95%		%REC	23-120	1	343023	06/18/24	06/19/24	MES
Decachlorobiphenyl	91%		%REC	24-120	1	343023	06/18/24	06/19/24	MES

Analysis Results for 510325

Sample ID: DL5-1DUP	Lab ID: 510325-030	Collected: 06/13/24 12:25
	Matrix: Soil	

510325-030 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	100		mg/Kg	0.95	0.95	342950	06/17/24	06/17/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	3.1		mg/Kg	0.95	0.95	342949	06/17/24	06/18/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
beta-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
gamma-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
delta-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Heptachlor	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Aldrin	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endosulfan I	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Dieldrin	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endrin	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endosulfan II	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endosulfan sulfate	ND		ug/Kg	5.3	1	343023	06/18/24	06/19/24	MES
4,4'-DDD	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endrin ketone	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Methoxychlor	ND		ug/Kg	10	1	343023	06/18/24	06/19/24	MES
Toxaphene	ND		ug/Kg	100	1	343023	06/18/24	06/19/24	MES
Chlordane (Technical)	ND		ug/Kg	51	1	343023	06/18/24	06/19/24	MES
Surrogates	Limits								
TCMX	83%		%REC	23-120	1	343023	06/18/24	06/19/24	MES
Decachlorobiphenyl	77%		%REC	24-120	1	343023	06/18/24	06/19/24	MES

Analysis Results for 510325

Sample ID: TB-061324
Lab ID: 510325-031
Collected: 06/13/24 08:00
Matrix: Water

510325-031 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B									
Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Freon 12	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Chloromethane	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Vinyl Chloride	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Bromomethane	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Chloroethane	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Trichlorofluoromethane	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Acetone	ND		ug/L	100	1	342980	06/17/24	06/17/24	EJB
Freon 113	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
1,1-Dichloroethene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Methylene Chloride	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
MTBE	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
trans-1,2-Dichloroethene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
1,1-Dichloroethane	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
2-Butanone	ND		ug/L	100	1	342980	06/17/24	06/17/24	EJB
cis-1,2-Dichloroethene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
2,2-Dichloropropane	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Chloroform	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Bromochloromethane	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
1,1,1-Trichloroethane	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
1,1-Dichloropropene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Carbon Tetrachloride	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
1,2-Dichloroethane	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Benzene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Trichloroethene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
1,2-Dichloropropane	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Bromodichloromethane	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Dibromomethane	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
4-Methyl-2-Pentanone	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
cis-1,3-Dichloropropene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Toluene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
trans-1,3-Dichloropropene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
1,1,2-Trichloroethane	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
1,3-Dichloropropane	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Tetrachloroethene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Dibromochloromethane	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
1,2-Dibromoethane	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Chlorobenzene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Ethylbenzene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
m,p-Xylenes	ND		ug/L	10	1	342980	06/17/24	06/17/24	EJB
o-Xylene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Styrene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Bromoform	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Isopropylbenzene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB

Analysis Results for 510325

510325-031 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
1,2,3-Trichloropropane	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Propylbenzene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Bromobenzene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
2-Chlorotoluene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
4-Chlorotoluene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
tert-Butylbenzene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
sec-Butylbenzene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
para-Isopropyl Toluene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
1,3-Dichlorobenzene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
1,4-Dichlorobenzene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
n-Butylbenzene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
1,2-Dichlorobenzene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Hexachlorobutadiene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Naphthalene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Xylene (total)	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Surrogates	Limits								
Dibromofluoromethane	101%		%REC	70-130	1	342980	06/17/24	06/17/24	EJB
1,2-Dichloroethane-d4	104%		%REC	70-130	1	342980	06/17/24	06/17/24	EJB
Toluene-d8	92%		%REC	70-130	1	342980	06/17/24	06/17/24	EJB
Bromofluorobenzene	106%		%REC	70-130	1	342980	06/17/24	06/17/24	EJB

Analysis Results for 510325

Sample ID: EB-061324
Lab ID: 510325-032
Collected: 06/13/24 13:50
Matrix: Water

510325-032 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B									
Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Freon 12	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Chloromethane	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Vinyl Chloride	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Bromomethane	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Chloroethane	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Trichlorofluoromethane	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Acetone	ND		ug/L	100	1	342980	06/17/24	06/17/24	EJB
Freon 113	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
1,1-Dichloroethene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Methylene Chloride	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
MTBE	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
trans-1,2-Dichloroethene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
1,1-Dichloroethane	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
2-Butanone	ND		ug/L	100	1	342980	06/17/24	06/17/24	EJB
cis-1,2-Dichloroethene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
2,2-Dichloropropane	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Chloroform	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Bromochloromethane	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
1,1,1-Trichloroethane	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
1,1-Dichloropropene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Carbon Tetrachloride	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
1,2-Dichloroethane	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Benzene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Trichloroethene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
1,2-Dichloropropane	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Bromodichloromethane	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Dibromomethane	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
4-Methyl-2-Pentanone	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
cis-1,3-Dichloropropene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Toluene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
trans-1,3-Dichloropropene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
1,1,2-Trichloroethane	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
1,3-Dichloropropane	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Tetrachloroethene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Dibromochloromethane	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
1,2-Dibromoethane	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Chlorobenzene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Ethylbenzene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
m,p-Xylenes	ND		ug/L	10	1	342980	06/17/24	06/17/24	EJB
o-Xylene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Styrene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Bromoform	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Isopropylbenzene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB

Analysis Results for 510325

510325-032 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
1,2,3-Trichloropropane	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Propylbenzene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Bromobenzene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
2-Chlorotoluene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
4-Chlorotoluene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
tert-Butylbenzene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
sec-Butylbenzene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
para-Isopropyl Toluene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
1,3-Dichlorobenzene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
1,4-Dichlorobenzene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
n-Butylbenzene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
1,2-Dichlorobenzene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Hexachlorobutadiene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Naphthalene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Xylene (total)	ND		ug/L	5.0	1	342980	06/17/24	06/17/24	EJB
Surrogates	Limits								
Dibromofluoromethane	103%		%REC	70-130	1	342980	06/17/24	06/17/24	EJB
1,2-Dichloroethane-d4	99%		%REC	70-130	1	342980	06/17/24	06/17/24	EJB
Toluene-d8	94%		%REC	70-130	1	342980	06/17/24	06/17/24	EJB
Bromofluorobenzene	105%		%REC	70-130	1	342980	06/17/24	06/17/24	EJB

Analysis Results for 510325

Sample ID: DL5-3	Lab ID: 510325-033	Collected: 06/13/24 12:25
Matrix: Soil		

510325-033 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	14		mg/Kg	0.96	0.96	342950	06/17/24	06/17/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	1.9		mg/Kg	0.96	0.96	342949	06/17/24	06/18/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
beta-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
gamma-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
delta-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Heptachlor	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Aldrin	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endosulfan I	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Dieldrin	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endrin	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endosulfan II	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endosulfan sulfate	ND		ug/Kg	5.3	1	343023	06/18/24	06/19/24	MES
4,4'-DDD	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Endrin ketone	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1	343023	06/18/24	06/19/24	MES
Methoxychlor	ND		ug/Kg	10	1	343023	06/18/24	06/19/24	MES
Toxaphene	ND		ug/Kg	100	1	343023	06/18/24	06/19/24	MES
Chlordane (Technical)	ND		ug/Kg	51	1	343023	06/18/24	06/19/24	MES
Surrogates	Limits								
TCMX	96%		%REC	23-120	1	343023	06/18/24	06/19/24	MES
Decachlorobiphenyl	89%		%REC	24-120	1	343023	06/18/24	06/19/24	MES

Analysis Results for 510325

Sample ID: DL8-1	Lab ID: 510325-034	Collected: 06/13/24 12:30
Matrix: Soil		

510325-034 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	13		mg/Kg	0.95	0.95	342950	06/17/24	06/17/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.7		mg/Kg	0.95	0.95	342949	06/17/24	06/18/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/20/24	MES
beta-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/20/24	MES
gamma-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/20/24	MES
delta-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/20/24	MES
Heptachlor	ND		ug/Kg	5.1	1	343023	06/18/24	06/20/24	MES
Aldrin	ND		ug/Kg	5.1	1	343023	06/18/24	06/20/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1	343023	06/18/24	06/20/24	MES
Endosulfan I	ND		ug/Kg	5.1	1	343023	06/18/24	06/20/24	MES
Dieldrin	ND		ug/Kg	5.1	1	343023	06/18/24	06/20/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1	343023	06/18/24	06/20/24	MES
Endrin	ND		ug/Kg	5.1	1	343023	06/18/24	06/20/24	MES
Endosulfan II	ND		ug/Kg	5.1	1	343023	06/18/24	06/20/24	MES
Endosulfan sulfate	ND		ug/Kg	5.1	1	343023	06/18/24	06/20/24	MES
4,4'-DDD	ND		ug/Kg	5.1	1	343023	06/18/24	06/20/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	1	343023	06/18/24	06/20/24	MES
Endrin ketone	ND		ug/Kg	5.1	1	343023	06/18/24	06/20/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1	343023	06/18/24	06/20/24	MES
Methoxychlor	ND		ug/Kg	10	1	343023	06/18/24	06/20/24	MES
Toxaphene	ND		ug/Kg	100	1	343023	06/18/24	06/20/24	MES
Chlordane (Technical)	ND		ug/Kg	51	1	343023	06/18/24	06/20/24	MES
Surrogates	Limits								
TCMX	102%		%REC	23-120	1	343023	06/18/24	06/20/24	MES
Decachlorobiphenyl	100%		%REC	24-120	1	343023	06/18/24	06/20/24	MES

Analysis Results for 510325

Sample ID: DL8-3	Lab ID: 510325-035	Collected: 06/13/24 12:35
Matrix: Soil		

510325-035 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	33		mg/Kg	0.96	0.96	342950	06/17/24	06/17/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.6		mg/Kg	0.96	0.96	342949	06/17/24	06/18/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/21/24	KLR
beta-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/21/24	KLR
gamma-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/21/24	KLR
delta-BHC	ND		ug/Kg	5.1	1	343023	06/18/24	06/21/24	KLR
Heptachlor	ND		ug/Kg	5.1	1	343023	06/18/24	06/21/24	KLR
Aldrin	ND		ug/Kg	5.1	1	343023	06/18/24	06/21/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.1	1	343023	06/18/24	06/21/24	KLR
Endosulfan I	ND		ug/Kg	5.1	1	343023	06/18/24	06/21/24	KLR
Dieldrin	ND		ug/Kg	5.1	1	343023	06/18/24	06/21/24	KLR
4,4'-DDE	ND		ug/Kg	5.1	1	343023	06/18/24	06/21/24	KLR
Endrin	ND		ug/Kg	5.1	1	343023	06/18/24	06/21/24	KLR
Endosulfan II	ND		ug/Kg	5.1	1	343023	06/18/24	06/21/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.1	1	343023	06/18/24	06/21/24	KLR
4,4'-DDD	ND		ug/Kg	5.1	1	343023	06/18/24	06/21/24	KLR
Endrin aldehyde	ND		ug/Kg	5.1	1	343023	06/18/24	06/21/24	KLR
Endrin ketone	ND		ug/Kg	5.1	1	343023	06/18/24	06/21/24	KLR
4,4'-DDT	ND		ug/Kg	5.1	1	343023	06/18/24	06/21/24	KLR
Methoxychlor	ND		ug/Kg	10	1	343023	06/18/24	06/21/24	KLR
Toxaphene	ND		ug/Kg	100	1	343023	06/18/24	06/21/24	KLR
Chlordane (Technical)	ND		ug/Kg	51	1	343023	06/18/24	06/21/24	KLR
Surrogates	Limits								
TCMX	104%		%REC	23-120	1	343023	06/18/24	06/21/24	KLR
Decachlorobiphenyl	118%		%REC	24-120	1	343023	06/18/24	06/21/24	KLR

Analysis Results for 510325

Sample ID: DL10-1
Lab ID: 510325-036
Collected: 06/13/24 12:45
Matrix: Soil

510325-036 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	24		mg/Kg	0.98	0.98	342950	06/17/24	06/17/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.3		mg/Kg	0.98	0.98	342949	06/17/24	06/18/24	DXC
Method: EPA 7199 Prep Method: EPA 3060A									
Hexavalent Chromium	ND		mg/Kg	0.39	0.97	343305	06/20/24 12:34	06/21/24 13:38	PAS
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
beta-BHC	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
gamma-BHC	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
delta-BHC	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Heptachlor	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Aldrin	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Endosulfan I	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Dieldrin	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
4,4'-DDE	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Endrin	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Endosulfan II	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
4,4'-DDD	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Endrin aldehyde	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Endrin ketone	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
4,4'-DDT	ND		ug/Kg	5.1	1	342848	06/15/24	06/17/24	KLR
Methoxychlor	ND		ug/Kg	10	1	342848	06/15/24	06/17/24	KLR
Toxaphene	ND		ug/Kg	100	1	342848	06/15/24	06/17/24	KLR
Chlordane (Technical)	88		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Surrogates				Limits					
TCMX	84%		%REC	23-120	1	342848	06/15/24	06/17/24	KLR
Decachlorobiphenyl	88%		%REC	24-120	1	342848	06/15/24	06/17/24	KLR
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1221	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1232	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1242	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1248	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1254	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1260	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1262	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Aroclor-1268	ND		ug/Kg	51	1	342848	06/15/24	06/17/24	KLR
Surrogates				Limits					
Decachlorobiphenyl (PCB)	87%		%REC	19-121	1	342848	06/15/24	06/17/24	KLR

Analysis Results for 510325

Sample ID: DL10-3
Lab ID: 510325-037
Collected: 06/13/24 12:50
Matrix: Soil

510325-037 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	10		mg/Kg	0.96	0.96	342950	06/17/24	06/17/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	1.4		mg/Kg	0.96	0.96	342949	06/17/24	06/18/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	343023	06/18/24	06/21/24	KLR
beta-BHC	ND		ug/Kg	5.0	0.99	343023	06/18/24	06/21/24	KLR
gamma-BHC	ND		ug/Kg	5.0	0.99	343023	06/18/24	06/21/24	KLR
delta-BHC	ND		ug/Kg	5.0	0.99	343023	06/18/24	06/21/24	KLR
Heptachlor	ND		ug/Kg	5.0	0.99	343023	06/18/24	06/21/24	KLR
Aldrin	ND		ug/Kg	5.0	0.99	343023	06/18/24	06/21/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	343023	06/18/24	06/21/24	KLR
Endosulfan I	ND		ug/Kg	5.0	0.99	343023	06/18/24	06/21/24	KLR
Dieldrin	ND		ug/Kg	5.0	0.99	343023	06/18/24	06/21/24	KLR
4,4'-DDE	ND		ug/Kg	5.0	0.99	343023	06/18/24	06/21/24	KLR
Endrin	ND		ug/Kg	5.0	0.99	343023	06/18/24	06/21/24	KLR
Endosulfan II	ND		ug/Kg	5.0	0.99	343023	06/18/24	06/21/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	343023	06/18/24	06/21/24	KLR
4,4'-DDD	ND		ug/Kg	5.0	0.99	343023	06/18/24	06/21/24	KLR
Endrin aldehyde	ND		ug/Kg	5.0	0.99	343023	06/18/24	06/21/24	KLR
Endrin ketone	ND		ug/Kg	5.0	0.99	343023	06/18/24	06/21/24	KLR
4,4'-DDT	ND		ug/Kg	5.0	0.99	343023	06/18/24	06/21/24	KLR
Methoxychlor	ND		ug/Kg	9.9	0.99	343023	06/18/24	06/21/24	KLR
Toxaphene	ND		ug/Kg	99	0.99	343023	06/18/24	06/21/24	KLR
Chlordane (Technical)	ND		ug/Kg	50	0.99	343023	06/18/24	06/21/24	KLR
Surrogates	Limits								
TCMX	101%		%REC	23-120	0.99	343023	06/18/24	06/21/24	KLR
Decachlorobiphenyl	119%		%REC	24-120	0.99	343023	06/18/24	06/21/24	KLR

Analysis Results for 510325

Sample ID: DL12-1
Lab ID: 510325-038
Collected: 06/13/24 13:33
Matrix: Soil

510325-038 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	2.9		mg/Kg	0.97	0.97	342950	06/17/24	06/17/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	1.8		mg/Kg	0.97	0.97	342949	06/17/24	06/18/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
beta-BHC	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
gamma-BHC	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
delta-BHC	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Heptachlor	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Aldrin	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endosulfan I	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Dieldrin	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
4,4'-DDE	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endrin	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endosulfan II	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
4,4'-DDD	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endrin aldehyde	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endrin ketone	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
4,4'-DDT	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Methoxychlor	ND		ug/Kg	10	1	343246	06/20/24	06/20/24	KLR
Toxaphene	ND		ug/Kg	100	1	343246	06/20/24	06/20/24	KLR
Chlordane (Technical)	ND		ug/Kg	50	1	343246	06/20/24	06/20/24	KLR
Surrogates	Limits								
TCMX	97%		%REC	23-120	1	343246	06/20/24	06/20/24	KLR
Decachlorobiphenyl	133%	*	%REC	24-120	1	343246	06/20/24	06/20/24	KLR

Analysis Results for 510325

Sample ID: DL12-3
Lab ID: 510325-039
Collected: 06/13/24 13:40
Matrix: Soil

510325-039 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	46		mg/Kg	0.96	0.96	342950	06/17/24	06/17/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	3.0		mg/Kg	0.96	0.96	342949	06/17/24	06/18/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
beta-BHC	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
gamma-BHC	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
delta-BHC	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Heptachlor	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Aldrin	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Heptachlor epoxide	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Endosulfan I	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Dieldrin	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
4,4'-DDE	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Endrin	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Endosulfan II	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Endosulfan sulfate	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
4,4'-DDD	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Endrin aldehyde	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Endrin ketone	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
4,4'-DDT	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Methoxychlor	ND		ug/Kg	9.8	0.98	343246	06/20/24	06/20/24	KLR
Toxaphene	ND		ug/Kg	98	0.98	343246	06/20/24	06/20/24	KLR
Chlordane (Technical)	130		ug/Kg	49	0.98	343246	06/20/24	06/20/24	KLR
Surrogates				Limits					
TCMX	93%		%REC	23-120	0.98	343246	06/20/24	06/20/24	KLR
Decachlorobiphenyl	122%	*	%REC	24-120	0.98	343246	06/20/24	06/20/24	KLR

Analysis Results for 510325

Sample ID: SB13-1
Lab ID: 510325-040
Collected: 06/13/24 13:50
Matrix: Soil

510325-040 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	3.8		mg/Kg	1.0	1	342950	06/17/24	06/17/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	1.6		mg/Kg	1.0	1	342949	06/17/24	06/18/24	DXC
Method: EPA 7199 Prep Method: EPA 3060A									
Hexavalent Chromium	ND		mg/Kg	0.40	0.99	343305	06/20/24 12:34	06/21/24 13:49	PAS
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
beta-BHC	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
gamma-BHC	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
delta-BHC	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
Heptachlor	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
Aldrin	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
Heptachlor epoxide	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
Endosulfan I	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
Dieldrin	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
4,4'-DDE	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
Endrin	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
Endosulfan II	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
Endosulfan sulfate	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
4,4'-DDD	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
Endrin aldehyde	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
Endrin ketone	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
4,4'-DDT	ND		ug/Kg	4.9	0.98	342848	06/15/24	06/17/24	KLR
Methoxychlor	ND		ug/Kg	9.8	0.98	342848	06/15/24	06/17/24	KLR
Toxaphene	ND		ug/Kg	98	0.98	342848	06/15/24	06/17/24	KLR
Chlordane (Technical)	ND		ug/Kg	49	0.98	342848	06/15/24	06/17/24	KLR
Surrogates				Limits					
TCMX	91%		%REC	23-120	0.98	342848	06/15/24	06/17/24	KLR
Decachlorobiphenyl	100%		%REC	24-120	0.98	342848	06/15/24	06/17/24	KLR
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	49	0.98	342848	06/15/24	06/17/24	KLR
Aroclor-1221	ND		ug/Kg	49	0.98	342848	06/15/24	06/17/24	KLR
Aroclor-1232	ND		ug/Kg	49	0.98	342848	06/15/24	06/17/24	KLR
Aroclor-1242	ND		ug/Kg	49	0.98	342848	06/15/24	06/17/24	KLR
Aroclor-1248	ND		ug/Kg	49	0.98	342848	06/15/24	06/17/24	KLR
Aroclor-1254	ND		ug/Kg	49	0.98	342848	06/15/24	06/17/24	KLR
Aroclor-1260	ND		ug/Kg	49	0.98	342848	06/15/24	06/17/24	KLR
Aroclor-1262	ND		ug/Kg	49	0.98	342848	06/15/24	06/17/24	KLR
Aroclor-1268	ND		ug/Kg	49	0.98	342848	06/15/24	06/17/24	KLR
Surrogates				Limits					
Decachlorobiphenyl (PCB)	100%		%REC	19-121	0.98	342848	06/15/24	06/17/24	KLR

Analysis Results for 510325

Sample ID: SB13-3
Lab ID: 510325-041
Collected: 06/13/24 14:00
Matrix: Soil

510325-041 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	3.3		mg/Kg	1.0	1	342950	06/17/24	06/17/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	1.5		mg/Kg	1.0	1	342949	06/17/24	06/18/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
beta-BHC	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
gamma-BHC	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
delta-BHC	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Heptachlor	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Aldrin	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endosulfan I	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Dieldrin	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
4,4'-DDE	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endrin	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endosulfan II	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
4,4'-DDD	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endrin aldehyde	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endrin ketone	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
4,4'-DDT	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Methoxychlor	ND		ug/Kg	10	1	343246	06/20/24	06/20/24	KLR
Toxaphene	ND		ug/Kg	100	1	343246	06/20/24	06/20/24	KLR
Chlordane (Technical)	ND		ug/Kg	50	1	343246	06/20/24	06/20/24	KLR
Surrogates	Limits								
TCMX	94%		%REC	23-120	1	343246	06/20/24	06/20/24	KLR
Decachlorobiphenyl	118%		%REC	24-120	1	343246	06/20/24	06/20/24	KLR

* Value is outside QC limits

ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1161505	Batch: 342821
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1161505 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	06/14/24	06/17/24
Arsenic	ND		mg/Kg	1.0	06/14/24	06/17/24
Barium	ND		mg/Kg	1.0	06/14/24	06/17/24
Beryllium	ND		mg/Kg	0.50	06/14/24	06/17/24
Cadmium	ND		mg/Kg	0.50	06/14/24	06/17/24
Chromium	ND		mg/Kg	1.0	06/14/24	06/17/24
Cobalt	ND		mg/Kg	0.50	06/14/24	06/17/24
Copper	ND		mg/Kg	1.0	06/14/24	06/17/24
Lead	ND		mg/Kg	1.0	06/14/24	06/17/24
Molybdenum	ND		mg/Kg	1.0	06/14/24	06/17/24
Nickel	ND		mg/Kg	1.0	06/14/24	06/17/24
Selenium	ND		mg/Kg	3.0	06/14/24	06/17/24
Silver	ND		mg/Kg	0.50	06/14/24	06/17/24
Thallium	ND		mg/Kg	3.0	06/14/24	06/17/24
Vanadium	ND		mg/Kg	1.0	06/14/24	06/17/24
Zinc	ND		mg/Kg	5.0	06/14/24	06/17/24

Type: Lab Control Sample	Lab ID: QC1161506	Batch: 342821
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1161506 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	103.5	100.0	mg/Kg	103%		80-120
Arsenic	100.4	100.0	mg/Kg	100%		80-120
Barium	108.2	100.0	mg/Kg	108%		80-120
Beryllium	106.2	100.0	mg/Kg	106%		80-120
Cadmium	106.9	100.0	mg/Kg	107%		80-120
Chromium	103.1	100.0	mg/Kg	103%		80-120
Cobalt	112.7	100.0	mg/Kg	113%		80-120
Copper	98.60	100.0	mg/Kg	99%		80-120
Lead	110.1	100.0	mg/Kg	110%		80-120
Molybdenum	103.0	100.0	mg/Kg	103%		80-120
Nickel	108.4	100.0	mg/Kg	108%		80-120
Selenium	94.28	100.0	mg/Kg	94%		80-120
Silver	49.55	50.00	mg/Kg	99%		80-120
Thallium	107.7	100.0	mg/Kg	108%		80-120
Vanadium	103.2	100.0	mg/Kg	103%		80-120
Zinc	106.4	100.0	mg/Kg	106%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1161507	Batch: 342821
Matrix (Source ID): Soil (510325-005)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1161507 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	25.84	ND	95.24	mg/Kg	27%	*	75-125	0.95
Arsenic	94.68	3.297	95.24	mg/Kg	96%		75-125	0.95
Barium	210.2	120.7	95.24	mg/Kg	94%		75-125	0.95
Beryllium	98.72	0.4434	95.24	mg/Kg	103%		75-125	0.95
Cadmium	94.65	0.4165	95.24	mg/Kg	99%		75-125	0.95
Chromium	142.7	51.67	95.24	mg/Kg	96%		75-125	0.95
Cobalt	111.8	15.17	95.24	mg/Kg	101%		75-125	0.95
Copper	118.1	24.93	95.24	mg/Kg	98%		75-125	0.95
Lead	109.7	13.80	95.24	mg/Kg	101%		75-125	0.95
Molybdenum	87.60	0.4702	95.24	mg/Kg	91%		75-125	0.95
Nickel	121.7	30.79	95.24	mg/Kg	95%		75-125	0.95
Selenium	86.14	ND	95.24	mg/Kg	90%		75-125	0.95
Silver	46.55	ND	47.62	mg/Kg	98%		75-125	0.95
Thallium	93.80	0.3396	95.24	mg/Kg	98%		75-125	0.95
Vanadium	169.5	71.76	95.24	mg/Kg	103%		75-125	0.95
Zinc	151.3	64.40	95.24	mg/Kg	91%		75-125	0.95

Type: Matrix Spike Duplicate	Lab ID: QC1161508	Batch: 342821
Matrix (Source ID): Soil (510325-005)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1161508 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	24.24	ND	97.09	mg/Kg	25%	*	75-125	8	41	0.97
Arsenic	95.49	3.297	97.09	mg/Kg	95%		75-125	1	35	0.97
Barium	218.6	120.7	97.09	mg/Kg	101%		75-125	3	20	0.97
Beryllium	100.7	0.4434	97.09	mg/Kg	103%		75-125	0	20	0.97
Cadmium	96.09	0.4165	97.09	mg/Kg	99%		75-125	0	20	0.97
Chromium	150.5	51.67	97.09	mg/Kg	102%		75-125	4	20	0.97
Cobalt	115.7	15.17	97.09	mg/Kg	104%		75-125	2	20	0.97
Copper	122.4	24.93	97.09	mg/Kg	100%		75-125	2	20	0.97
Lead	111.2	13.80	97.09	mg/Kg	100%		75-125	0	20	0.97
Molybdenum	86.33	0.4702	97.09	mg/Kg	88%		75-125	3	20	0.97
Nickel	129.0	30.79	97.09	mg/Kg	101%		75-125	4	20	0.97
Selenium	87.14	ND	97.09	mg/Kg	90%		75-125	1	20	0.97
Silver	47.33	ND	48.54	mg/Kg	98%		75-125	0	20	0.97
Thallium	94.97	0.3396	97.09	mg/Kg	97%		75-125	1	20	0.97
Vanadium	173.1	71.76	97.09	mg/Kg	104%		75-125	1	20	0.97
Zinc	156.5	64.40	97.09	mg/Kg	95%		75-125	2	20	0.97

Batch QC

Type: Post Digest Spike	Lab ID: QC1161509	Batch: 342821
Matrix (Source ID): Soil (510325-005)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1161509 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	89.20	ND	97.09	mg/Kg	92%		75-125	0.97
Arsenic	93.86	3.297	97.09	mg/Kg	93%		75-125	0.97
Barium	212.9	120.7	97.09	mg/Kg	95%		75-125	0.97
Beryllium	95.08	0.4434	97.09	mg/Kg	97%		75-125	0.97
Cadmium	91.17	0.4165	97.09	mg/Kg	93%		75-125	0.97
Chromium	139.7	51.67	97.09	mg/Kg	91%		75-125	0.97
Cobalt	109.6	15.17	97.09	mg/Kg	97%		75-125	0.97
Copper	116.8	24.93	97.09	mg/Kg	95%		75-125	0.97
Lead	106.9	13.80	97.09	mg/Kg	96%		75-125	0.97
Molybdenum	94.25	0.4702	97.09	mg/Kg	97%		75-125	0.97
Nickel	120.5	30.79	97.09	mg/Kg	92%		75-125	0.97
Selenium	84.91	ND	97.09	mg/Kg	87%		75-125	0.97
Silver	46.07	ND	48.54	mg/Kg	95%		75-125	0.97
Thallium	90.98	0.3396	97.09	mg/Kg	93%		75-125	0.97
Vanadium	161.9	71.76	97.09	mg/Kg	93%		75-125	0.97
Zinc	152.0	64.40	97.09	mg/Kg	90%		75-125	0.97

Type: Blank	Lab ID: QC1161975	Batch: 342950
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1161975 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	06/17/24	06/17/24
Arsenic	ND		mg/Kg	1.0	06/17/24	06/17/24
Barium	ND		mg/Kg	1.0	06/17/24	06/17/24
Beryllium	ND		mg/Kg	0.50	06/17/24	06/17/24
Cadmium	ND		mg/Kg	0.50	06/17/24	06/17/24
Chromium	ND		mg/Kg	1.0	06/17/24	06/17/24
Cobalt	ND		mg/Kg	0.50	06/17/24	06/17/24
Copper	ND		mg/Kg	1.0	06/17/24	06/17/24
Lead	ND		mg/Kg	1.0	06/17/24	06/17/24
Molybdenum	ND		mg/Kg	1.0	06/17/24	06/17/24
Nickel	ND		mg/Kg	1.0	06/17/24	06/17/24
Selenium	ND		mg/Kg	3.0	06/17/24	06/17/24
Silver	ND		mg/Kg	0.50	06/17/24	06/17/24
Thallium	ND		mg/Kg	3.0	06/17/24	06/17/24
Vanadium	ND		mg/Kg	1.0	06/17/24	06/17/24
Zinc	ND		mg/Kg	5.0	06/17/24	06/17/24

Batch QC

Type: Lab Control Sample	Lab ID: QC1161976	Batch: 342950
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1161976 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	83.13	100.0	mg/Kg	83%		80-120
Arsenic	84.72	100.0	mg/Kg	85%		80-120
Barium	90.26	100.0	mg/Kg	90%		80-120
Beryllium	85.77	100.0	mg/Kg	86%		80-120
Cadmium	84.78	100.0	mg/Kg	85%		80-120
Chromium	87.97	100.0	mg/Kg	88%		80-120
Cobalt	93.82	100.0	mg/Kg	94%		80-120
Copper	85.94	100.0	mg/Kg	86%		80-120
Lead	97.23	100.0	mg/Kg	97%		80-120
Molybdenum	84.43	100.0	mg/Kg	84%		80-120
Nickel	92.96	100.0	mg/Kg	93%		80-120
Selenium	82.66	100.0	mg/Kg	83%		80-120
Silver	42.49	50.00	mg/Kg	85%		80-120
Thallium	91.08	100.0	mg/Kg	91%		80-120
Vanadium	83.92	100.0	mg/Kg	84%		80-120
Zinc	96.62	100.0	mg/Kg	97%		80-120

Type: Matrix Spike	Lab ID: QC1161982	Batch: 342950
Matrix (Source ID): Soil (510325-024)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1161982 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	19.68	1.289	96.15	mg/Kg	19%	*	75-125	0.96
Arsenic	55.28	2.668	96.15	mg/Kg	55%	*	75-125	0.96
Barium	125.9	57.57	96.15	mg/Kg	71%	*	75-125	0.96
Beryllium	51.60	0.3887	96.15	mg/Kg	53%	*	75-125	0.96
Cadmium	50.41	ND	96.15	mg/Kg	52%	*	75-125	0.96
Chromium	84.36	30.76	96.15	mg/Kg	56%	*	75-125	0.96
Cobalt	60.44	7.252	96.15	mg/Kg	55%	*	75-125	0.96
Copper	68.43	16.18	96.15	mg/Kg	54%	*	75-125	0.96
Lead	74.14	6.611	96.15	mg/Kg	70%	*	75-125	0.96
Molybdenum	52.84	ND	96.15	mg/Kg	55%	*	75-125	0.96
Nickel	70.81	17.07	96.15	mg/Kg	56%	*	75-125	0.96
Selenium	51.34	ND	96.15	mg/Kg	53%	*	75-125	0.96
Silver	24.89	ND	48.08	mg/Kg	52%	*	75-125	0.96
Thallium	53.80	1.469	96.15	mg/Kg	54%	*	75-125	0.96
Vanadium	95.12	44.14	96.15	mg/Kg	53%	*	75-125	0.96
Zinc	100.2	40.38	96.15	mg/Kg	62%	*	75-125	0.96

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1161983	Batch: 342950
Matrix (Source ID): Soil (510325-024)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1161983 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	25.96	1.289	98.04	mg/Kg	25%	*	75-125	26	41	0.98
Arsenic	95.62	2.668	98.04	mg/Kg	95%		75-125	52*	35	0.98
Barium	189.6	57.57	98.04	mg/Kg	135%	*	75-125	39*	20	0.98
Beryllium	94.56	0.3887	98.04	mg/Kg	96%		75-125	57*	20	0.98
Cadmium	92.85	ND	98.04	mg/Kg	95%		75-125	57*	20	0.98
Chromium	144.7	30.76	98.04	mg/Kg	116%		75-125	51*	20	0.98
Cobalt	108.1	7.252	98.04	mg/Kg	103%		75-125	55*	20	0.98
Copper	127.7	16.18	98.04	mg/Kg	114%		75-125	59*	20	0.98
Lead	107.7	6.611	98.04	mg/Kg	103%		75-125	35*	20	0.98
Molybdenum	85.74	ND	98.04	mg/Kg	87%		75-125	46*	20	0.98
Nickel	119.8	17.07	98.04	mg/Kg	105%		75-125	50*	20	0.98
Selenium	88.81	ND	98.04	mg/Kg	91%		75-125	52*	20	0.98
Silver	44.63	ND	49.02	mg/Kg	91%		75-125	55*	20	0.98
Thallium	94.79	1.469	98.04	mg/Kg	95%		75-125	53*	20	0.98
Vanadium	159.8	44.14	98.04	mg/Kg	118%		75-125	49*	20	0.98
Zinc	163.8	40.38	98.04	mg/Kg	126%	*	75-125	47*	20	0.98

Type: Post Digest Spike	Lab ID: QC1161984	Batch: 342950
Matrix (Source ID): Soil (510325-024)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1161984 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	89.52	1.289	95.24	mg/Kg	93%		75-125	0.95
Arsenic	92.43	2.668	95.24	mg/Kg	94%		75-125	0.95
Barium	148.3	57.57	95.24	mg/Kg	95%		75-125	0.95
Beryllium	89.56	0.3887	95.24	mg/Kg	94%		75-125	0.95
Cadmium	89.36	ND	95.24	mg/Kg	94%		75-125	0.95
Chromium	118.5	30.76	95.24	mg/Kg	92%		75-125	0.95
Cobalt	100.6	7.252	95.24	mg/Kg	98%		75-125	0.95
Copper	105.0	16.18	95.24	mg/Kg	93%		75-125	0.95
Lead	102.4	6.611	95.24	mg/Kg	101%		75-125	0.95
Molybdenum	90.13	ND	95.24	mg/Kg	95%		75-125	0.95
Nickel	109.0	17.07	95.24	mg/Kg	97%		75-125	0.95
Selenium	89.74	ND	95.24	mg/Kg	94%		75-125	0.95
Silver	43.28	ND	47.62	mg/Kg	91%		75-125	0.95
Thallium	92.94	1.469	95.24	mg/Kg	96%		75-125	0.95
Vanadium	127.0	44.14	95.24	mg/Kg	87%		75-125	0.95
Zinc	137.8	40.38	95.24	mg/Kg	102%		75-125	0.95

Type: Blank	Lab ID: QC1161515	Batch: 342823
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1161515 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Arsenic	ND		mg/Kg	1.0	06/14/24	06/18/24

Batch QC

Type: Lab Control Sample	Lab ID: QC1161516	Batch: 342823
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1161516 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Arsenic	102.7	100.0	mg/Kg	103%		80-120

Type: Matrix Spike	Lab ID: QC1161517	Batch: 342823
Matrix (Source ID): Soil (510325-005)	Method: EPA 6020	Prep Method: EPA 3050B

QC1161517 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	97.63	6.553	95.24	mg/Kg	96%		75-125	0.95

Type: Matrix Spike Duplicate	Lab ID: QC1161518	Batch: 342823
Matrix (Source ID): Soil (510325-005)	Method: EPA 6020	Prep Method: EPA 3050B

QC1161518 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Arsenic	96.29	6.553	97.09	mg/Kg	92%		75-125	3	20	0.97

Type: Post Digest Spike	Lab ID: QC1161519	Batch: 342823
Matrix (Source ID): Soil (510325-005)	Method: EPA 6020	Prep Method: EPA 3050B

QC1161519 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	100.4	6.553	97.09	mg/Kg	97%		75-125	0.97

Type: Blank	Lab ID: QC1161977	Batch: 342949
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1161977 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Arsenic	ND		mg/Kg	1.0	06/17/24	06/17/24

Type: Lab Control Sample	Lab ID: QC1161978	Batch: 342949
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1161978 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Arsenic	89.28	100.0	mg/Kg	89%		80-120

Type: Matrix Spike	Lab ID: QC1161979	Batch: 342949
Matrix (Source ID): Soil (510325-024)	Method: EPA 6020	Prep Method: EPA 3050B

QC1161979 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	54.70	2.346	96.15	mg/Kg	54%	*	75-125	0.96

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1161980	Batch: 342949
Matrix (Source ID): Soil (510325-024)	Method: EPA 6020	Prep Method: EPA 3050B

QC1161980 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Arsenic	96.24	2.346	98.04	mg/Kg	96%		75-125	53*	20	0.98

Type: Post Digest Spike	Lab ID: QC1161981	Batch: 342949
Matrix (Source ID): Soil (510325-024)	Method: EPA 6020	Prep Method: EPA 3050B

QC1161981 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	98.05	2.346	95.24	mg/Kg	100%		75-125	0.95

Type: Blank	Lab ID: QC1163210	Batch: 343305
Matrix: Soil	Method: EPA 7199	Prep Method: EPA 3060A

QC1163210 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Hexavalent Chromium	ND		mg/Kg	0.40	06/20/24 12:34	06/21/24 09:58

Type: Lab Control Sample	Lab ID: QC1163211	Batch: 343305
Matrix: Soil	Method: EPA 7199	Prep Method: EPA 3060A

QC1163211 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Hexavalent Chromium	36.64	40.00	mg/Kg	92%		80-120

Type: Sample Duplicate	Lab ID: QC1163212	Batch: 343305
Matrix (Source ID): Soil (510325-002)	Method: EPA 7199	Prep Method: EPA 3060A

QC1163212 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Hexavalent Chromium	ND	ND	mg/Kg			30	0.99

Type: Sample Spike	Lab ID: QC1163213	Batch: 343305
Matrix (Source ID): Soil (510325-002)	Method: EPA 7199	Prep Method: EPA 3060A

QC1163213 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Hexavalent Chromium	38.97	ND	39.22	mg/Kg	99%		70-130	2

Batch QC

Type: Post Digest Spike	Lab ID: QC1163214	Batch: 343305
Matrix (Source ID): Soil (510325-002)	Method: EPA 7199	Prep Method: EPA 3060A

QC1163214 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Hexavalent Chromium	38.05	ND	40.00	mg/Kg	95%		75-125	2

Type: Blank	Lab ID: QC1161651	Batch: 342854
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1161651 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	06/15/24	06/15/24

Type: Lab Control Sample	Lab ID: QC1161652	Batch: 342854
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1161652 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8368	0.8333	mg/Kg	100%		80-120

Type: Matrix Spike	Lab ID: QC1161653	Batch: 342854
Matrix (Source ID): Soil (510325-001)	Method: EPA 7471A	Prep Method: METHOD

QC1161653 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.9788	ND	0.9434	mg/Kg	104%		75-125	1.1

Type: Matrix Spike Duplicate	Lab ID: QC1161654	Batch: 342854
Matrix (Source ID): Soil (510325-001)	Method: EPA 7471A	Prep Method: METHOD

QC1161654 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	0.8671	ND	0.8475	mg/Kg	102%		75-125	1	20	1

Type: Blank	Lab ID: QC1161558	Batch: 342833
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1161558 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
GRO C8-C10	ND		mg/Kg	9.9	06/15/24	06/18/24
DRO C10-C28	ND		mg/Kg	9.9	06/15/24	06/18/24
ORO C28-C44	ND		mg/Kg	20	06/15/24	06/18/24
Surrogates				Limits		
n-Triacontane	159%	*	%REC	70-130	06/15/24	06/18/24

Batch QC

Type: Lab Control Sample	Lab ID: QC1161559	Batch: 342833
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1161559 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	232.3	247.5	mg/Kg	94%		76-122
Surrogates						
n-Triacontane	12.70	9.901	mg/Kg	128%		70-130

Type: Matrix Spike	Lab ID: QC1161560	Batch: 342833
Matrix (Source ID): Soil (510325-001)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1161560 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	273.4	ND	249.5	mg/Kg	110%		62-126	1
Surrogates								
n-Triacontane	12.77		9.980	mg/Kg	128%		70-130	1

Type: Matrix Spike Duplicate	Lab ID: QC1161561	Batch: 342833
Matrix (Source ID): Soil (510325-001)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1161561 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	260.5	ND	249.4	mg/Kg	104%		62-126	5	35	1
Surrogates										
n-Triacontane	11.89		9.975	mg/Kg	119%		70-130			1

Batch QC

Type: Blank	Lab ID: QC1162395	Batch: 343023
Matrix: Soil	Method: EPA 8081A	Prep Method: EPA 3546

QC1162395 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
alpha-BHC	ND		ug/Kg	5.1	06/18/24	06/19/24
beta-BHC	ND		ug/Kg	5.1	06/18/24	06/19/24
gamma-BHC	ND		ug/Kg	5.1	06/18/24	06/19/24
delta-BHC	ND		ug/Kg	5.1	06/18/24	06/19/24
Heptachlor	ND		ug/Kg	5.1	06/18/24	06/19/24
Aldrin	ND		ug/Kg	5.1	06/18/24	06/19/24
Heptachlor epoxide	ND		ug/Kg	5.1	06/18/24	06/19/24
Endosulfan I	ND		ug/Kg	5.1	06/18/24	06/19/24
Dieldrin	ND		ug/Kg	5.1	06/18/24	06/19/24
4,4'-DDE	ND		ug/Kg	5.1	06/18/24	06/19/24
Endrin	ND		ug/Kg	5.1	06/18/24	06/19/24
Endosulfan II	ND		ug/Kg	5.1	06/18/24	06/19/24
Endosulfan sulfate	ND		ug/Kg	5.3	06/18/24	06/19/24
4,4'-DDD	ND		ug/Kg	5.1	06/18/24	06/19/24
Endrin aldehyde	ND		ug/Kg	5.1	06/18/24	06/19/24
Endrin ketone	ND		ug/Kg	5.1	06/18/24	06/19/24
4,4'-DDT	ND		ug/Kg	5.1	06/18/24	06/19/24
Methoxychlor	ND		ug/Kg	10	06/18/24	06/19/24
Toxaphene	ND		ug/Kg	100	06/18/24	06/19/24
Chlordane (Technical)	ND		ug/Kg	51	06/18/24	06/19/24
Surrogates				Limits		
TCMX	98%		%REC	23-120	06/18/24	06/19/24
Decachlorobiphenyl	93%		%REC	24-120	06/18/24	06/19/24

Batch QC

Type: Lab Control Sample	Lab ID: QC1162396	Batch: 343023
Matrix: Soil	Method: EPA 8081A	Prep Method: EPA 3546

QC1162396 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	48.38	51.02	ug/Kg	95%		22-129
beta-BHC	48.66	51.02	ug/Kg	95%		28-125
gamma-BHC	49.34	51.02	ug/Kg	97%		22-128
delta-BHC	49.42	51.02	ug/Kg	97%		24-131
Heptachlor	48.52	51.02	ug/Kg	95%		18-124
Aldrin	47.83	51.02	ug/Kg	94%		23-120
Heptachlor epoxide	46.44	51.02	ug/Kg	91%		26-120
Endosulfan I	45.42	51.02	ug/Kg	89%		25-126
Dieldrin	46.44	51.02	ug/Kg	91%		23-124
4,4'-DDE	48.55	51.02	ug/Kg	95%		28-121
Endrin	47.65	51.02	ug/Kg	93%		25-127
Endosulfan II	46.07	51.02	ug/Kg	90%		29-121
Endosulfan sulfate	40.55	51.02	ug/Kg	79%		30-121
4,4'-DDD	43.57	51.02	ug/Kg	85%		26-120
Endrin aldehyde	18.85	51.02	ug/Kg	37%		10-120
Endrin ketone	46.05	51.02	ug/Kg	90%		28-125
4,4'-DDT	45.23	51.02	ug/Kg	89%		22-125
Methoxychlor	49.56	51.02	ug/Kg	97%		28-130
Surrogates						
TCMX	47.07	51.02	ug/Kg	92%		23-120
Decachlorobiphenyl	45.28	51.02	ug/Kg	89%		24-120

Batch QC

Type: Matrix Spike	Lab ID: QC1162397	Batch: 343023
Matrix (Source ID): Soil (510325-027)	Method: EPA 8081A	Prep Method: EPA 3546

QC1162397 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	44.15	ND	50.51	ug/Kg	87%		46-120	1
beta-BHC	45.49	ND	50.51	ug/Kg	90%		41-120	1
gamma-BHC	45.33	ND	50.51	ug/Kg	90%		41-120	1
delta-BHC	44.93	ND	50.51	ug/Kg	89%		38-123	1
Heptachlor	45.41	ND	50.51	ug/Kg	90%		39-120	1
Aldrin	44.56	ND	50.51	ug/Kg	88%		34-120	1
Heptachlor epoxide	42.60	ND	50.51	ug/Kg	84%		43-120	1
Endosulfan I	42.56	ND	50.51	ug/Kg	84%		45-120	1
Dieldrin	42.94	ND	50.51	ug/Kg	85%		45-120	1
4,4'-DDE	45.48	ND	50.51	ug/Kg	90%		34-120	1
Endrin	44.24	ND	50.51	ug/Kg	88%		40-120	1
Endosulfan II	42.71	ND	50.51	ug/Kg	85%		41-120	1
Endosulfan sulfate	39.30	ND	50.51	ug/Kg	78%		42-120	1
4,4'-DDD	40.09	ND	50.51	ug/Kg	79%		41-120	1
Endrin aldehyde	30.69	ND	50.51	ug/Kg	61%		30-120	1
Endrin ketone	42.48	ND	50.51	ug/Kg	84%		45-120	1
4,4'-DDT	42.14	ND	50.51	ug/Kg	83%		35-127	1
Methoxychlor	45.81	ND	50.51	ug/Kg	91%		42-136	1
Surrogates								
TCMX	42.67		50.51	ug/Kg	84%		23-120	1
Decachlorobiphenyl	41.57		50.51	ug/Kg	82%		24-120	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1162398	Batch: 343023
Matrix (Source ID): Soil (510325-027)	Method: EPA 8081A	Prep Method: EPA 3546

QC1162398 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
alpha-BHC	48.65	ND	50.51	ug/Kg	96%		46-120	10	30	1
beta-BHC	51.35	ND	50.51	ug/Kg	102%		41-120	12	30	1
gamma-BHC	50.18	ND	50.51	ug/Kg	99%		41-120	10	30	1
delta-BHC	50.63	ND	50.51	ug/Kg	100%		38-123	12	30	1
Heptachlor	49.17	ND	50.51	ug/Kg	97%		39-120	8	30	1
Aldrin	48.34	ND	50.51	ug/Kg	96%		34-120	8	30	1
Heptachlor epoxide	46.88	ND	50.51	ug/Kg	93%		43-120	10	30	1
Endosulfan I	47.86	ND	50.51	ug/Kg	95%		45-120	12	30	1
Dieldrin	47.49	ND	50.51	ug/Kg	94%		45-120	10	30	1
4,4'-DDE	50.25	ND	50.51	ug/Kg	99%		34-120	10	30	1
Endrin	49.49	ND	50.51	ug/Kg	98%		40-120	11	30	1
Endosulfan II	48.07	ND	50.51	ug/Kg	95%		41-120	12	30	1
Endosulfan sulfate	44.44	ND	50.51	ug/Kg	88%		42-120	12	30	1
4,4'-DDD	45.14	ND	50.51	ug/Kg	89%		41-120	12	30	1
Endrin aldehyde	36.86	ND	50.51	ug/Kg	73%		30-120	18	30	1
Endrin ketone	48.04	ND	50.51	ug/Kg	95%		45-120	12	30	1
4,4'-DDT	47.05	ND	50.51	ug/Kg	93%		35-127	11	30	1
Methoxychlor	56.66	ND	50.51	ug/Kg	112%		42-136	21	30	1
Surrogates										
TCMX	47.21		50.51	ug/Kg	93%		23-120			1
Decachlorobiphenyl	45.34		50.51	ug/Kg	90%		24-120			1

Batch QC

Type: Blank	Lab ID: QC1162983	Batch: 343246
Matrix: Soil	Method: EPA 8081A	Prep Method: EPA 3546

QC1162983 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
alpha-BHC	ND		ug/Kg	5.0	06/20/24	06/20/24
beta-BHC	ND		ug/Kg	5.0	06/20/24	06/20/24
gamma-BHC	ND		ug/Kg	5.0	06/20/24	06/20/24
delta-BHC	ND		ug/Kg	5.0	06/20/24	06/20/24
Heptachlor	ND		ug/Kg	5.0	06/20/24	06/20/24
Aldrin	ND		ug/Kg	5.0	06/20/24	06/20/24
Heptachlor epoxide	ND		ug/Kg	5.0	06/20/24	06/20/24
Endosulfan I	ND		ug/Kg	5.0	06/20/24	06/20/24
Dieldrin	ND		ug/Kg	5.0	06/20/24	06/20/24
4,4'-DDE	ND		ug/Kg	5.0	06/20/24	06/20/24
Endrin	ND		ug/Kg	5.0	06/20/24	06/20/24
Endosulfan II	ND		ug/Kg	5.0	06/20/24	06/20/24
Endosulfan sulfate	ND		ug/Kg	5.0	06/20/24	06/20/24
4,4'-DDD	ND		ug/Kg	5.0	06/20/24	06/20/24
Endrin aldehyde	ND		ug/Kg	5.0	06/20/24	06/20/24
Endrin ketone	ND		ug/Kg	5.0	06/20/24	06/20/24
4,4'-DDT	ND		ug/Kg	5.0	06/20/24	06/20/24
Methoxychlor	ND		ug/Kg	10	06/20/24	06/20/24
Toxaphene	ND		ug/Kg	100	06/20/24	06/20/24
Chlordane (Technical)	ND		ug/Kg	50	06/20/24	06/20/24
Surrogates				Limits		
TCMX	95%		%REC	23-120	06/20/24	06/20/24
Decachlorobiphenyl	95%		%REC	24-120	06/20/24	06/20/24

Batch QC

Type: Lab Control Sample	Lab ID: QC1162984	Batch: 343246
Matrix: Soil	Method: EPA 8081A	Prep Method: EPA 3546

QC1162984 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	44.48	50.00	ug/Kg	89%		22-129
beta-BHC	47.09	50.00	ug/Kg	94%		28-125
gamma-BHC	44.70	50.00	ug/Kg	89%		22-128
delta-BHC	46.55	50.00	ug/Kg	93%		24-131
Heptachlor	44.50	50.00	ug/Kg	89%		18-124
Aldrin	46.69	50.00	ug/Kg	93%		23-120
Heptachlor epoxide	43.91	50.00	ug/Kg	88%		26-120
Endosulfan I	44.78	50.00	ug/Kg	90%		25-126
Dieldrin	48.64	50.00	ug/Kg	97%		23-124
4,4'-DDE	53.81	50.00	ug/Kg	108%	#	28-121
Endrin	49.83	50.00	ug/Kg	100%		25-127
Endosulfan II	50.71	50.00	ug/Kg	101%	#	29-121
Endosulfan sulfate	51.35	50.00	ug/Kg	103%	#	30-121
4,4'-DDD	49.83	50.00	ug/Kg	100%	#	26-120
Endrin aldehyde	19.90	50.00	ug/Kg	40%	#	10-120
Endrin ketone	57.94	50.00	ug/Kg	116%	#	28-125
4,4'-DDT	53.77	50.00	ug/Kg	108%	#	22-125
Methoxychlor	63.15	50.00	ug/Kg	126%	#	28-130
Surrogates						
TCMX	43.82	50.00	ug/Kg	88%		23-120
Decachlorobiphenyl	46.28	50.00	ug/Kg	93%		24-120

Batch QC

Type: Matrix Spike	Lab ID: QC1162985	Batch: 343246
Matrix (Source ID): Soil (510441-001)	Method: EPA 8081A	Prep Method: EPA 3546

QC1162985 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	44.37	ND	50.00	ug/Kg	89%		46-120	1
beta-BHC	47.95	ND	50.00	ug/Kg	96%		41-120	1
gamma-BHC	45.85	ND	50.00	ug/Kg	92%		41-120	1
delta-BHC	37.22	ND	50.00	ug/Kg	74%		38-123	1
Heptachlor	47.45	ND	50.00	ug/Kg	95%		39-120	1
Aldrin	48.42	ND	50.00	ug/Kg	97%		34-120	1
Heptachlor epoxide	45.55	ND	50.00	ug/Kg	91%		43-120	1
Endosulfan I	26.09	ND	50.00	ug/Kg	52%		45-120	1
Dieldrin	50.56	ND	50.00	ug/Kg	101%		45-120	1
4,4'-DDE	55.21	ND	50.00	ug/Kg	110%	#	34-120	1
Endrin	52.58	ND	50.00	ug/Kg	105%		40-120	1
Endosulfan II	40.53	ND	50.00	ug/Kg	81%	#	41-120	1
Endosulfan sulfate	40.85	ND	50.00	ug/Kg	82%	#	42-120	1
4,4'-DDD	50.80	ND	50.00	ug/Kg	102%	#	41-120	1
Endrin aldehyde	2.403	ND	50.00	ug/Kg	0%	#,ND,NM	30-120	1
Endrin ketone	42.23	ND	50.00	ug/Kg	84%	#	45-120	1
4,4'-DDT	53.54	ND	50.00	ug/Kg	107%	#	35-127	1
Methoxychlor	62.52	ND	50.00	ug/Kg	125%	#	42-136	1
Surrogates								
TCMX	44.24		50.00	ug/Kg	88%		23-120	1
Decachlorobiphenyl	62.03		50.00	ug/Kg	124%	*	24-120	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1162986	Batch: 343246
Matrix (Source ID): Soil (510441-001)	Method: EPA 8081A	Prep Method: EPA 3546

QC1162986 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
alpha-BHC	48.54	ND	50.00	ug/Kg	97%		46-120	9	30	1
beta-BHC	48.81	ND	50.00	ug/Kg	98%		41-120	2	30	1
gamma-BHC	49.84	ND	50.00	ug/Kg	100%		41-120	8	30	1
delta-BHC	50.33	ND	50.00	ug/Kg	101%		38-123	30	30	1
Heptachlor	49.37	ND	50.00	ug/Kg	99%		39-120	4	30	1
Aldrin	50.91	ND	50.00	ug/Kg	102%		34-120	5	30	1
Heptachlor epoxide	47.62	ND	50.00	ug/Kg	95%		43-120	4	30	1
Endosulfan I	49.92	ND	50.00	ug/Kg	100%		45-120	63*	30	1
Dieldrin	53.07	ND	50.00	ug/Kg	106%		45-120	5	30	1
4,4'-DDE	58.10	ND	50.00	ug/Kg	116%	#	34-120	5	30	1
Endrin	54.60	ND	50.00	ug/Kg	109%		40-120	4	30	1
Endosulfan II	54.61	ND	50.00	ug/Kg	109%	#	41-120	30	30	1
Endosulfan sulfate	57.69	ND	50.00	ug/Kg	115%	#	42-120	34*	30	1
4,4'-DDD	53.00	ND	50.00	ug/Kg	106%	#	41-120	4	30	1
Endrin aldehyde	44.58	ND	50.00	ug/Kg	89%	#	30-120	180*	30	1
Endrin ketone	68.46	ND	50.00	ug/Kg	137%	#,*	45-120	47*	30	1
4,4'-DDT	58.03	ND	50.00	ug/Kg	116%	#	35-127	8	30	1
Methoxychlor	68.04	ND	50.00	ug/Kg	136%	#	42-136	8	30	1
Surrogates										
TCMX	47.56		50.00	ug/Kg	95%		23-120			1
Decachlorobiphenyl	63.65		50.00	ug/Kg	127%	*	24-120			1

Batch QC

Type: Blank	Lab ID: QC1161628	Batch: 342848
Matrix: Soil		

QC1161628 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Method: EPA 8081A						
Prep Method: EPA 3546						
alpha-BHC	ND		ug/Kg	5.0	06/15/24	06/17/24
beta-BHC	ND		ug/Kg	5.0	06/15/24	06/17/24
gamma-BHC	ND		ug/Kg	5.0	06/15/24	06/17/24
delta-BHC	ND		ug/Kg	5.0	06/15/24	06/17/24
Heptachlor	ND		ug/Kg	5.0	06/15/24	06/17/24
Aldrin	ND		ug/Kg	5.0	06/15/24	06/17/24
Heptachlor epoxide	ND		ug/Kg	5.0	06/15/24	06/17/24
Endosulfan I	ND		ug/Kg	5.0	06/15/24	06/17/24
Dieldrin	ND		ug/Kg	5.0	06/15/24	06/17/24
4,4'-DDE	ND		ug/Kg	5.0	06/15/24	06/17/24
Endrin	ND		ug/Kg	5.0	06/15/24	06/17/24
Endosulfan II	ND		ug/Kg	5.0	06/15/24	06/17/24
Endosulfan sulfate	ND		ug/Kg	5.0	06/15/24	06/17/24
4,4'-DDD	ND		ug/Kg	5.0	06/15/24	06/17/24
Endrin aldehyde	ND		ug/Kg	5.0	06/15/24	06/17/24
Endrin ketone	ND		ug/Kg	5.0	06/15/24	06/17/24
4,4'-DDT	ND		ug/Kg	5.0	06/15/24	06/17/24
Methoxychlor	ND		ug/Kg	9.9	06/15/24	06/17/24
Toxaphene	ND		ug/Kg	99	06/15/24	06/17/24
Chlordane (Technical)	ND		ug/Kg	50	06/15/24	06/17/24
Surrogates				Limits		
TCMX	78%		%REC	23-120	06/15/24	06/17/24
Decachlorobiphenyl	89%		%REC	24-120	06/15/24	06/17/24
Method: EPA 8082						
Prep Method: EPA 3546						
Aroclor-1016	ND		ug/Kg	50	06/15/24	06/17/24
Aroclor-1221	ND		ug/Kg	50	06/15/24	06/17/24
Aroclor-1232	ND		ug/Kg	50	06/15/24	06/17/24
Aroclor-1242	ND		ug/Kg	50	06/15/24	06/17/24
Aroclor-1248	ND		ug/Kg	50	06/15/24	06/17/24
Aroclor-1254	ND		ug/Kg	50	06/15/24	06/17/24
Aroclor-1260	ND		ug/Kg	50	06/15/24	06/17/24
Aroclor-1262	ND		ug/Kg	50	06/15/24	06/17/24
Aroclor-1268	ND		ug/Kg	50	06/15/24	06/17/24
Surrogates				Limits		
Decachlorobiphenyl (PCB)	86%		%REC	19-121	06/15/24	06/17/24

Batch QC

Type: Lab Control Sample	Lab ID: QC1161629	Batch: 342848
Matrix: Soil	Method: EPA 8081A	Prep Method: EPA 3546

QC1161629 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	34.60	50.51	ug/Kg	69%		22-129
beta-BHC	36.70	50.51	ug/Kg	73%		28-125
gamma-BHC	34.84	50.51	ug/Kg	69%		22-128
delta-BHC	33.04	50.51	ug/Kg	65%		24-131
Heptachlor	32.64	50.51	ug/Kg	65%		18-124
Aldrin	31.87	50.51	ug/Kg	63%		23-120
Heptachlor epoxide	30.29	50.51	ug/Kg	60%		26-120
Endosulfan I	30.20	50.51	ug/Kg	60%		25-126
Dieldrin	31.94	50.51	ug/Kg	63%		23-124
4,4'-DDE	34.25	50.51	ug/Kg	68%		28-121
Endrin	33.12	50.51	ug/Kg	66%		25-127
Endosulfan II	33.17	50.51	ug/Kg	66%		29-121
Endosulfan sulfate	50.38	50.51	ug/Kg	100%		30-121
4,4'-DDD	29.72	50.51	ug/Kg	59%		26-120
Endrin aldehyde	13.51	50.51	ug/Kg	27%		10-120
Endrin ketone	36.30	50.51	ug/Kg	72%		28-125
4,4'-DDT	33.21	50.51	ug/Kg	66%		22-125
Methoxychlor	36.19	50.51	ug/Kg	72%		28-130
Surrogates						
TCMX	34.26	50.51	ug/Kg	68%		23-120
Decachlorobiphenyl	36.00	50.51	ug/Kg	71%		24-120

Batch QC

Type: Matrix Spike	Lab ID: QC1161630	Batch: 342848
Matrix (Source ID): Soil (510325-002)	Method: EPA 8081A	Prep Method: EPA 3546

QC1161630 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	45.18	ND	51.02	ug/Kg	89%		46-120	1
beta-BHC	49.35	ND	51.02	ug/Kg	97%		41-120	1
gamma-BHC	46.87	ND	51.02	ug/Kg	92%		41-120	1
delta-BHC	46.21	ND	51.02	ug/Kg	91%		38-123	1
Heptachlor	44.61	ND	51.02	ug/Kg	87%		39-120	1
Aldrin	42.77	ND	51.02	ug/Kg	84%		34-120	1
Heptachlor epoxide	41.18	ND	51.02	ug/Kg	81%		43-120	1
Endosulfan I	44.31	ND	51.02	ug/Kg	87%		45-120	1
Dieldrin	43.99	ND	51.02	ug/Kg	86%		45-120	1
4,4'-DDE	46.72	ND	51.02	ug/Kg	92%		34-120	1
Endrin	47.73	ND	51.02	ug/Kg	94%		40-120	1
Endosulfan II	47.64	ND	51.02	ug/Kg	93%		41-120	1
Endosulfan sulfate	48.07	ND	51.02	ug/Kg	94%		42-120	1
4,4'-DDD	41.52	ND	51.02	ug/Kg	81%		41-120	1
Endrin aldehyde	45.22	ND	51.02	ug/Kg	89%		30-120	1
Endrin ketone	54.06	ND	51.02	ug/Kg	106%		45-120	1
4,4'-DDT	47.26	ND	51.02	ug/Kg	93%		35-127	1
Methoxychlor	53.69	ND	51.02	ug/Kg	105%		42-136	1
Surrogates								
TCMX	45.06		51.02	ug/Kg	88%		23-120	1
Decachlorobiphenyl	52.82		51.02	ug/Kg	104%		24-120	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1161631	Batch: 342848
Matrix (Source ID): Soil (510325-002)	Method: EPA 8081A	Prep Method: EPA 3546

QC1161631 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
alpha-BHC	40.91	ND	49.50	ug/Kg	83%		46-120	7	30	0.99
beta-BHC	44.67	ND	49.50	ug/Kg	90%		41-120	7	30	0.99
gamma-BHC	42.47	ND	49.50	ug/Kg	86%		41-120	7	30	0.99
delta-BHC	41.97	ND	49.50	ug/Kg	85%		38-123	7	30	0.99
Heptachlor	40.24	ND	49.50	ug/Kg	81%		39-120	7	30	0.99
Aldrin	38.73	ND	49.50	ug/Kg	78%		34-120	7	30	0.99
Heptachlor epoxide	37.39	ND	49.50	ug/Kg	76%		43-120	7	30	0.99
Endosulfan I	39.76	ND	49.50	ug/Kg	80%		45-120	8	30	0.99
Dieldrin	39.46	ND	49.50	ug/Kg	80%		45-120	8	30	0.99
4,4'-DDE	41.77	ND	49.50	ug/Kg	84%		34-120	8	30	0.99
Endrin	42.46	ND	49.50	ug/Kg	86%		40-120	9	30	0.99
Endosulfan II	42.69	ND	49.50	ug/Kg	86%		41-120	8	30	0.99
Endosulfan sulfate	42.57	ND	49.50	ug/Kg	86%		42-120	9	30	0.99
4,4'-DDD	37.03	ND	49.50	ug/Kg	75%		41-120	8	30	0.99
Endrin aldehyde	39.84	ND	49.50	ug/Kg	80%		30-120	10	30	0.99
Endrin ketone	48.02	ND	49.50	ug/Kg	97%		45-120	9	30	0.99
4,4'-DDT	42.26	ND	49.50	ug/Kg	85%		35-127	8	30	0.99
Methoxychlor	50.42	ND	49.50	ug/Kg	102%		42-136	3	30	0.99
Surrogates										
TCMX	41.05		49.50	ug/Kg	83%		23-120			0.99
Decachlorobiphenyl	46.34		49.50	ug/Kg	94%		24-120			0.99

Type: Lab Control Sample	Lab ID: QC1161632	Batch: 342848
Matrix: Soil	Method: EPA 8082	Prep Method: EPA 3546

QC1161632 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	368.4	490.2	ug/Kg	75%		14-150
Aroclor-1260	399.2	490.2	ug/Kg	81%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	41.65	49.02	ug/Kg	85%		19-121

Type: Matrix Spike	Lab ID: QC1161633	Batch: 342848
Matrix (Source ID): Soil (510325-005)	Method: EPA 8082	Prep Method: EPA 3546

QC1161633 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	470.6	ND	510.2	ug/Kg	92%		42-127	1
Aroclor-1260	482.1	ND	510.2	ug/Kg	94%		38-130	1
Surrogates								
Decachlorobiphenyl (PCB)	46.78		51.02	ug/Kg	92%		19-121	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1161634	Batch: 342848
Matrix (Source ID): Soil (510325-005)	Method: EPA 8082	Prep Method: EPA 3546

QC1161634 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	439.1	ND	510.2	ug/Kg	86%		42-127	7	30	1
Aroclor-1260	461.6	ND	510.2	ug/Kg	90%		38-130	4	30	1
Surrogates										
Decachlorobiphenyl (PCB)	45.19		51.02	ug/Kg	89%		19-121			1

Type: Lab Control Sample	Lab ID: QC1162089	Batch: 342980
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1162089 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	40.23	50.00	ug/L	80%		70-135
MTBE	42.32	50.00	ug/L	85%		70-130
Benzene	51.93	50.00	ug/L	104%		70-130
Trichloroethene	54.01	50.00	ug/L	108%		70-130
Toluene	49.69	50.00	ug/L	99%		70-130
Chlorobenzene	50.81	50.00	ug/L	102%		70-130
Surrogates						
Dibromofluoromethane	46.68	50.00	ug/L	93%		70-130
1,2-Dichloroethane-d4	48.94	50.00	ug/L	98%		70-130
Toluene-d8	46.94	50.00	ug/L	94%		70-130
Bromofluorobenzene	53.32	50.00	ug/L	107%		70-130

Type: Matrix Spike	Lab ID: QC1162090	Batch: 342980
Matrix (Source ID): Water (510367-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1162090 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	82.67	55.74	50.00	ug/L	54%	*	70-130	1
MTBE	38.19	ND	50.00	ug/L	76%		75-130	1
Benzene	46.43	0.3417	50.00	ug/L	92%		70-130	1
Trichloroethene	97.91	60.00	50.00	ug/L	76%		63-130	1
Toluene	45.20	ND	50.00	ug/L	90%		70-130	1
Chlorobenzene	45.07	ND	50.00	ug/L	90%		70-130	1
Surrogates								
Dibromofluoromethane	50.17		50.00	ug/L	100%		70-130	1
1,2-Dichloroethane-d4	52.30		50.00	ug/L	105%		70-130	1
Toluene-d8	49.03		50.00	ug/L	98%		70-130	1
Bromofluorobenzene	52.05		50.00	ug/L	104%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1162091	Batch: 342980
Matrix (Source ID): Water (510367-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1162091 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	78.89	55.74	50.00	ug/L	46%	*	70-130	5	30	1
MTBE	40.64	ND	50.00	ug/L	81%		75-130	6	30	1
Benzene	51.90	0.3417	50.00	ug/L	103%		70-130	11	30	1
Trichloroethene	94.36	60.00	50.00	ug/L	69%		63-130	4	30	1
Toluene	43.27	ND	50.00	ug/L	87%		70-130	4	30	1
Chlorobenzene	48.49	ND	50.00	ug/L	97%		70-130	7	30	1
Surrogates										
Dibromofluoromethane	52.57		50.00	ug/L	105%		70-130			1
1,2-Dichloroethane-d4	50.89		50.00	ug/L	102%		70-130			1
Toluene-d8	44.52		50.00	ug/L	89%		70-130			1
Bromofluorobenzene	51.30		50.00	ug/L	103%		70-130			1

Batch QC

Type: Blank	Lab ID: QC1162092	Batch: 342980
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1162092 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	06/17/24	06/17/24
Freon 12	ND		ug/L	5.0	06/17/24	06/17/24
Chloromethane	ND		ug/L	5.0	06/17/24	06/17/24
Vinyl Chloride	ND		ug/L	5.0	06/17/24	06/17/24
Bromomethane	ND		ug/L	5.0	06/17/24	06/17/24
Chloroethane	ND		ug/L	5.0	06/17/24	06/17/24
Trichlorofluoromethane	ND		ug/L	5.0	06/17/24	06/17/24
Acetone	ND		ug/L	100	06/17/24	06/17/24
Freon 113	ND		ug/L	5.0	06/17/24	06/17/24
1,1-Dichloroethene	ND		ug/L	5.0	06/17/24	06/17/24
Methylene Chloride	ND		ug/L	5.0	06/17/24	06/17/24
MTBE	ND		ug/L	5.0	06/17/24	06/17/24
trans-1,2-Dichloroethene	ND		ug/L	5.0	06/17/24	06/17/24
1,1-Dichloroethane	ND		ug/L	5.0	06/17/24	06/17/24
2-Butanone	ND		ug/L	100	06/17/24	06/17/24
cis-1,2-Dichloroethene	ND		ug/L	5.0	06/17/24	06/17/24
2,2-Dichloropropane	ND		ug/L	5.0	06/17/24	06/17/24
Chloroform	ND		ug/L	5.0	06/17/24	06/17/24
Bromochloromethane	ND		ug/L	5.0	06/17/24	06/17/24
1,1,1-Trichloroethane	ND		ug/L	5.0	06/17/24	06/17/24
1,1-Dichloropropene	ND		ug/L	5.0	06/17/24	06/17/24
Carbon Tetrachloride	ND		ug/L	5.0	06/17/24	06/17/24
1,2-Dichloroethane	ND		ug/L	5.0	06/17/24	06/17/24
Benzene	ND		ug/L	5.0	06/17/24	06/17/24
Trichloroethene	ND		ug/L	5.0	06/17/24	06/17/24
1,2-Dichloropropane	ND		ug/L	5.0	06/17/24	06/17/24
Bromodichloromethane	ND		ug/L	5.0	06/17/24	06/17/24
Dibromomethane	ND		ug/L	5.0	06/17/24	06/17/24
4-Methyl-2-Pentanone	ND		ug/L	5.0	06/17/24	06/17/24
cis-1,3-Dichloropropene	ND		ug/L	5.0	06/17/24	06/17/24
Toluene	ND		ug/L	5.0	06/17/24	06/17/24
trans-1,3-Dichloropropene	ND		ug/L	5.0	06/17/24	06/17/24
1,1,2-Trichloroethane	ND		ug/L	5.0	06/17/24	06/17/24
1,3-Dichloropropane	ND		ug/L	5.0	06/17/24	06/17/24
Tetrachloroethene	ND		ug/L	5.0	06/17/24	06/17/24
Dibromochloromethane	ND		ug/L	5.0	06/17/24	06/17/24
1,2-Dibromoethane	ND		ug/L	5.0	06/17/24	06/17/24
Chlorobenzene	ND		ug/L	5.0	06/17/24	06/17/24
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	06/17/24	06/17/24
Ethylbenzene	ND		ug/L	5.0	06/17/24	06/17/24
m,p-Xylenes	ND		ug/L	10	06/17/24	06/17/24
o-Xylene	ND		ug/L	5.0	06/17/24	06/17/24
Styrene	ND		ug/L	5.0	06/17/24	06/17/24
Bromoform	ND		ug/L	5.0	06/17/24	06/17/24
Isopropylbenzene	ND		ug/L	5.0	06/17/24	06/17/24
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	06/17/24	06/17/24
1,2,3-Trichloropropane	ND		ug/L	5.0	06/17/24	06/17/24

Batch QC

QC1162092 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	06/17/24	06/17/24
Bromobenzene	ND		ug/L	5.0	06/17/24	06/17/24
1,3,5-Trimethylbenzene	ND		ug/L	5.0	06/17/24	06/17/24
2-Chlorotoluene	ND		ug/L	5.0	06/17/24	06/17/24
4-Chlorotoluene	ND		ug/L	5.0	06/17/24	06/17/24
tert-Butylbenzene	ND		ug/L	5.0	06/17/24	06/17/24
1,2,4-Trimethylbenzene	ND		ug/L	5.0	06/17/24	06/17/24
sec-Butylbenzene	ND		ug/L	5.0	06/17/24	06/17/24
para-Isopropyl Toluene	ND		ug/L	5.0	06/17/24	06/17/24
1,3-Dichlorobenzene	ND		ug/L	5.0	06/17/24	06/17/24
1,4-Dichlorobenzene	ND		ug/L	5.0	06/17/24	06/17/24
n-Butylbenzene	ND		ug/L	5.0	06/17/24	06/17/24
1,2-Dichlorobenzene	ND		ug/L	5.0	06/17/24	06/17/24
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	06/17/24	06/17/24
1,2,4-Trichlorobenzene	ND		ug/L	5.0	06/17/24	06/17/24
Hexachlorobutadiene	ND		ug/L	5.0	06/17/24	06/17/24
Naphthalene	ND		ug/L	5.0	06/17/24	06/17/24
1,2,3-Trichlorobenzene	ND		ug/L	5.0	06/17/24	06/17/24
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	06/17/24	06/17/24
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	06/17/24	06/17/24
Xylene (total)	ND		ug/L	5.0	06/17/24	06/17/24
Surrogates	Limits					
Dibromofluoromethane	100%		%REC	70-130	06/17/24	06/17/24
1,2-Dichloroethane-d4	102%		%REC	70-130	06/17/24	06/17/24
Toluene-d8	90%		%REC	70-130	06/17/24	06/17/24
Bromofluorobenzene	107%		%REC	70-130	06/17/24	06/17/24

Type: Lab Control Sample	Lab ID: QC1164552	Batch: 343705
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1164552 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	60.14	50.00	ug/Kg	120%		70-131
MTBE	59.52	50.00	ug/Kg	119%		69-130
Benzene	54.50	50.00	ug/Kg	109%		70-130
Trichloroethene	49.90	50.00	ug/Kg	100%		70-130
Toluene	55.76	50.00	ug/Kg	112%		70-130
Chlorobenzene	56.34	50.00	ug/Kg	113%		70-130
Surrogates						
Dibromofluoromethane	49.64	50.00	ug/Kg	99%		70-130
1,2-Dichloroethane-d4	52.76	50.00	ug/Kg	106%		70-145
Toluene-d8	51.51	50.00	ug/Kg	103%		70-145
Bromofluorobenzene	49.23	50.00	ug/Kg	98%		70-145

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1164553	Batch: 343705
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1164553 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	48.12	50.00	ug/Kg	96%		70-131	22	33
MTBE	46.53	50.00	ug/Kg	93%		69-130	25	30
Benzene	43.91	50.00	ug/Kg	88%		70-130	22	30
Trichloroethene	40.41	50.00	ug/Kg	81%		70-130	21	30
Toluene	44.12	50.00	ug/Kg	88%		70-130	23	30
Chlorobenzene	44.70	50.00	ug/Kg	89%		70-130	23	30
Surrogates								
Dibromofluoromethane	49.32	50.00	ug/Kg	99%		70-130		
1,2-Dichloroethane-d4	50.45	50.00	ug/Kg	101%		70-145		
Toluene-d8	51.05	50.00	ug/Kg	102%		70-145		
Bromofluorobenzene	50.00	50.00	ug/Kg	100%		70-145		

Batch QC

Type: Blank	Lab ID: QC1164555	Batch: 343705
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1164555 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	06/26/24	06/26/24
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	06/26/24	06/26/24
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	06/26/24	06/26/24
Freon 12	ND		ug/Kg	5.0	06/26/24	06/26/24
Chloromethane	ND		ug/Kg	5.0	06/26/24	06/26/24
Vinyl Chloride	ND		ug/Kg	5.0	06/26/24	06/26/24
Bromomethane	ND		ug/Kg	5.0	06/26/24	06/26/24
Chloroethane	ND		ug/Kg	5.0	06/26/24	06/26/24
Trichlorofluoromethane	ND		ug/Kg	5.0	06/26/24	06/26/24
Acetone	ND		ug/Kg	100	06/26/24	06/26/24
Freon 113	ND		ug/Kg	5.0	06/26/24	06/26/24
1,1-Dichloroethene	ND		ug/Kg	5.0	06/26/24	06/26/24
Methylene Chloride	ND		ug/Kg	5.0	06/26/24	06/26/24
MTBE	ND		ug/Kg	5.0	06/26/24	06/26/24
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	06/26/24	06/26/24
1,1-Dichloroethane	ND		ug/Kg	5.0	06/26/24	06/26/24
2-Butanone	ND		ug/Kg	100	06/26/24	06/26/24
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	06/26/24	06/26/24
2,2-Dichloropropane	ND		ug/Kg	5.0	06/26/24	06/26/24
Chloroform	ND		ug/Kg	5.0	06/26/24	06/26/24
Bromochloromethane	ND		ug/Kg	5.0	06/26/24	06/26/24
1,1,1-Trichloroethane	ND		ug/Kg	5.0	06/26/24	06/26/24
1,1-Dichloropropene	ND		ug/Kg	5.0	06/26/24	06/26/24
Carbon Tetrachloride	ND		ug/Kg	5.0	06/26/24	06/26/24
1,2-Dichloroethane	ND		ug/Kg	5.0	06/26/24	06/26/24
Benzene	ND		ug/Kg	5.0	06/26/24	06/26/24
Trichloroethene	ND		ug/Kg	5.0	06/26/24	06/26/24
1,2-Dichloropropane	ND		ug/Kg	5.0	06/26/24	06/26/24
Bromodichloromethane	ND		ug/Kg	5.0	06/26/24	06/26/24
Dibromomethane	ND		ug/Kg	5.0	06/26/24	06/26/24
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	06/26/24	06/26/24
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	06/26/24	06/26/24
Toluene	ND		ug/Kg	5.0	06/26/24	06/26/24
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	06/26/24	06/26/24
1,1,2-Trichloroethane	ND		ug/Kg	5.0	06/26/24	06/26/24
1,3-Dichloropropane	ND		ug/Kg	5.0	06/26/24	06/26/24
Tetrachloroethene	ND		ug/Kg	5.0	06/26/24	06/26/24
Dibromochloromethane	ND		ug/Kg	5.0	06/26/24	06/26/24
1,2-Dibromoethane	ND		ug/Kg	5.0	06/26/24	06/26/24
Chlorobenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	06/26/24	06/26/24
Ethylbenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
m,p-Xylenes	ND		ug/Kg	10	06/26/24	06/26/24
o-Xylene	ND		ug/Kg	5.0	06/26/24	06/26/24
Styrene	ND		ug/Kg	5.0	06/26/24	06/26/24
Bromoform	ND		ug/Kg	5.0	06/26/24	06/26/24
Isopropylbenzene	ND		ug/Kg	5.0	06/26/24	06/26/24

Batch QC

QC1164555 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	06/26/24	06/26/24
1,2,3-Trichloropropane	ND		ug/Kg	5.0	06/26/24	06/26/24
Propylbenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
Bromobenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
2-Chlorotoluene	ND		ug/Kg	5.0	06/26/24	06/26/24
4-Chlorotoluene	ND		ug/Kg	5.0	06/26/24	06/26/24
tert-Butylbenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
sec-Butylbenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
para-Isopropyl Toluene	ND		ug/Kg	5.0	06/26/24	06/26/24
1,3-Dichlorobenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
1,4-Dichlorobenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
n-Butylbenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
1,2-Dichlorobenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	06/26/24	06/26/24
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
Hexachlorobutadiene	ND		ug/Kg	5.0	06/26/24	06/26/24
Naphthalene	ND		ug/Kg	5.0	06/26/24	06/26/24
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
Xylene (total)	ND		ug/Kg	5.0	06/26/24	06/26/24
Surrogates	Limits					
Dibromofluoromethane	97%		%REC	70-130	06/26/24	06/26/24
1,2-Dichloroethane-d4	99%		%REC	70-145	06/26/24	06/26/24
Toluene-d8	102%		%REC	70-145	06/26/24	06/26/24
Bromofluorobenzene	106%		%REC	70-145	06/26/24	06/26/24

Batch QC

Type: Blank	Lab ID: QC1164556	Batch: 343705
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1164556 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	250	06/26/24	06/26/24
cis-1,4-Dichloro-2-butene	ND		ug/Kg	250	06/26/24	06/26/24
trans-1,4-Dichloro-2-butene	ND		ug/Kg	250	06/26/24	06/26/24
Freon 12	ND		ug/Kg	250	06/26/24	06/26/24
Chloromethane	ND		ug/Kg	250	06/26/24	06/26/24
Vinyl Chloride	ND		ug/Kg	250	06/26/24	06/26/24
Bromomethane	ND		ug/Kg	250	06/26/24	06/26/24
Chloroethane	ND		ug/Kg	250	06/26/24	06/26/24
Trichlorofluoromethane	ND		ug/Kg	250	06/26/24	06/26/24
Acetone	ND		ug/Kg	5,000	06/26/24	06/26/24
Freon 113	ND		ug/Kg	250	06/26/24	06/26/24
1,1-Dichloroethene	ND		ug/Kg	250	06/26/24	06/26/24
Methylene Chloride	ND		ug/Kg	400	06/26/24	06/26/24
MTBE	ND		ug/Kg	250	06/26/24	06/26/24
trans-1,2-Dichloroethene	ND		ug/Kg	250	06/26/24	06/26/24
1,1-Dichloroethane	ND		ug/Kg	250	06/26/24	06/26/24
2-Butanone	ND		ug/Kg	5,000	06/26/24	06/26/24
cis-1,2-Dichloroethene	ND		ug/Kg	250	06/26/24	06/26/24
2,2-Dichloropropane	ND		ug/Kg	250	06/26/24	06/26/24
Chloroform	ND		ug/Kg	250	06/26/24	06/26/24
Bromochloromethane	ND		ug/Kg	250	06/26/24	06/26/24
1,1,1-Trichloroethane	ND		ug/Kg	250	06/26/24	06/26/24
1,1-Dichloropropene	ND		ug/Kg	250	06/26/24	06/26/24
Carbon Tetrachloride	ND		ug/Kg	250	06/26/24	06/26/24
1,2-Dichloroethane	ND		ug/Kg	250	06/26/24	06/26/24
Benzene	ND		ug/Kg	250	06/26/24	06/26/24
Trichloroethene	ND		ug/Kg	250	06/26/24	06/26/24
1,2-Dichloropropane	ND		ug/Kg	250	06/26/24	06/26/24
Bromodichloromethane	ND		ug/Kg	250	06/26/24	06/26/24
Dibromomethane	ND		ug/Kg	250	06/26/24	06/26/24
4-Methyl-2-Pentanone	ND		ug/Kg	250	06/26/24	06/26/24
cis-1,3-Dichloropropene	ND		ug/Kg	250	06/26/24	06/26/24
Toluene	ND		ug/Kg	250	06/26/24	06/26/24
trans-1,3-Dichloropropene	ND		ug/Kg	250	06/26/24	06/26/24
1,1,2-Trichloroethane	ND		ug/Kg	250	06/26/24	06/26/24
1,3-Dichloropropane	ND		ug/Kg	250	06/26/24	06/26/24
Tetrachloroethene	ND		ug/Kg	250	06/26/24	06/26/24
Dibromochloromethane	ND		ug/Kg	250	06/26/24	06/26/24
1,2-Dibromoethane	ND		ug/Kg	250	06/26/24	06/26/24
Chlorobenzene	ND		ug/Kg	250	06/26/24	06/26/24
1,1,1,2-Tetrachloroethane	ND		ug/Kg	250	06/26/24	06/26/24
Ethylbenzene	ND		ug/Kg	250	06/26/24	06/26/24
m,p-Xylenes	ND		ug/Kg	500	06/26/24	06/26/24
o-Xylene	ND		ug/Kg	250	06/26/24	06/26/24
Styrene	ND		ug/Kg	250	06/26/24	06/26/24
Bromoform	ND		ug/Kg	250	06/26/24	06/26/24
Isopropylbenzene	ND		ug/Kg	250	06/26/24	06/26/24

Batch QC

QC1164556 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,1,2,2-Tetrachloroethane	ND		ug/Kg	250	06/26/24	06/26/24
1,2,3-Trichloropropane	ND		ug/Kg	250	06/26/24	06/26/24
Propylbenzene	ND		ug/Kg	250	06/26/24	06/26/24
Bromobenzene	ND		ug/Kg	250	06/26/24	06/26/24
1,3,5-Trimethylbenzene	ND		ug/Kg	250	06/26/24	06/26/24
2-Chlorotoluene	ND		ug/Kg	250	06/26/24	06/26/24
4-Chlorotoluene	ND		ug/Kg	250	06/26/24	06/26/24
tert-Butylbenzene	ND		ug/Kg	250	06/26/24	06/26/24
1,2,4-Trimethylbenzene	ND		ug/Kg	250	06/26/24	06/26/24
sec-Butylbenzene	ND		ug/Kg	250	06/26/24	06/26/24
para-Isopropyl Toluene	ND		ug/Kg	250	06/26/24	06/26/24
1,3-Dichlorobenzene	ND		ug/Kg	250	06/26/24	06/26/24
1,4-Dichlorobenzene	ND		ug/Kg	250	06/26/24	06/26/24
n-Butylbenzene	ND		ug/Kg	250	06/26/24	06/26/24
1,2-Dichlorobenzene	ND		ug/Kg	250	06/26/24	06/26/24
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	250	06/26/24	06/26/24
1,2,4-Trichlorobenzene	ND		ug/Kg	250	06/26/24	06/26/24
Hexachlorobutadiene	ND		ug/Kg	250	06/26/24	06/26/24
Naphthalene	ND		ug/Kg	250	06/26/24	06/26/24
1,2,3-Trichlorobenzene	ND		ug/Kg	250	06/26/24	06/26/24
Xylene (total)	ND		ug/Kg	250	06/26/24	06/26/24
Surrogates	Limits					
Dibromofluoromethane	97%		%REC	70-130	06/26/24	06/26/24
1,2-Dichloroethane-d4	97%		%REC	70-145	06/26/24	06/26/24
Toluene-d8	104%		%REC	70-145	06/26/24	06/26/24
Bromofluorobenzene	104%		%REC	70-145	06/26/24	06/26/24

Type: Lab Control Sample	Lab ID: QC1164563	Batch: 343707
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1164563 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	48.76	50.00	ug/Kg	98%		70-131
MTBE	44.31	50.00	ug/Kg	89%		69-130
Benzene	51.62	50.00	ug/Kg	103%		70-130
Trichloroethene	52.19	50.00	ug/Kg	104%		70-130
Toluene	55.48	50.00	ug/Kg	111%		70-130
Chlorobenzene	56.90	50.00	ug/Kg	114%		70-130
Surrogates						
Dibromofluoromethane	50.68	50.00	ug/Kg	101%		70-130
1,2-Dichloroethane-d4	43.57	50.00	ug/Kg	87%		70-145
Toluene-d8	51.79	50.00	ug/Kg	104%		70-145
Bromofluorobenzene	48.58	50.00	ug/Kg	97%		70-145

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1164564	Batch: 343707
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1164564 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	43.70	50.00	ug/Kg	87%		70-131	11	33
MTBE	41.30	50.00	ug/Kg	83%		69-130	7	30
Benzene	46.14	50.00	ug/Kg	92%		70-130	11	30
Trichloroethene	48.41	50.00	ug/Kg	97%		70-130	8	30
Toluene	50.02	50.00	ug/Kg	100%		70-130	10	30
Chlorobenzene	51.49	50.00	ug/Kg	103%		70-130	10	30
Surrogates								
Dibromofluoromethane	49.36	50.00	ug/Kg	99%		70-130		
1,2-Dichloroethane-d4	42.79	50.00	ug/Kg	86%		70-145		
Toluene-d8	51.20	50.00	ug/Kg	102%		70-145		
Bromofluorobenzene	48.77	50.00	ug/Kg	98%		70-145		

Batch QC

Type: Blank	Lab ID: QC1164567	Batch: 343707
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1164567 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	06/26/24	06/26/24
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	06/26/24	06/26/24
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	06/26/24	06/26/24
Freon 12	ND		ug/Kg	5.0	06/26/24	06/26/24
Chloromethane	ND		ug/Kg	5.0	06/26/24	06/26/24
Vinyl Chloride	ND		ug/Kg	5.0	06/26/24	06/26/24
Bromomethane	ND		ug/Kg	5.0	06/26/24	06/26/24
Chloroethane	ND		ug/Kg	5.0	06/26/24	06/26/24
Trichlorofluoromethane	ND		ug/Kg	5.0	06/26/24	06/26/24
Acetone	ND		ug/Kg	100	06/26/24	06/26/24
Freon 113	ND		ug/Kg	5.0	06/26/24	06/26/24
1,1-Dichloroethene	ND		ug/Kg	5.0	06/26/24	06/26/24
Methylene Chloride	ND		ug/Kg	5.0	06/26/24	06/26/24
MTBE	ND		ug/Kg	5.0	06/26/24	06/26/24
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	06/26/24	06/26/24
1,1-Dichloroethane	ND		ug/Kg	5.0	06/26/24	06/26/24
2-Butanone	ND		ug/Kg	100	06/26/24	06/26/24
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	06/26/24	06/26/24
2,2-Dichloropropane	ND		ug/Kg	5.0	06/26/24	06/26/24
Chloroform	ND		ug/Kg	5.0	06/26/24	06/26/24
Bromochloromethane	ND		ug/Kg	5.0	06/26/24	06/26/24
1,1,1-Trichloroethane	ND		ug/Kg	5.0	06/26/24	06/26/24
1,1-Dichloropropene	ND		ug/Kg	5.0	06/26/24	06/26/24
Carbon Tetrachloride	ND		ug/Kg	5.0	06/26/24	06/26/24
1,2-Dichloroethane	ND		ug/Kg	5.0	06/26/24	06/26/24
Benzene	ND		ug/Kg	5.0	06/26/24	06/26/24
Trichloroethene	ND		ug/Kg	5.0	06/26/24	06/26/24
1,2-Dichloropropane	ND		ug/Kg	5.0	06/26/24	06/26/24
Bromodichloromethane	ND		ug/Kg	5.0	06/26/24	06/26/24
Dibromomethane	ND		ug/Kg	5.0	06/26/24	06/26/24
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	06/26/24	06/26/24
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	06/26/24	06/26/24
Toluene	ND		ug/Kg	5.0	06/26/24	06/26/24
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	06/26/24	06/26/24
1,1,2-Trichloroethane	ND		ug/Kg	5.0	06/26/24	06/26/24
1,3-Dichloropropane	ND		ug/Kg	5.0	06/26/24	06/26/24
Tetrachloroethene	ND		ug/Kg	5.0	06/26/24	06/26/24
Dibromochloromethane	ND		ug/Kg	5.0	06/26/24	06/26/24
1,2-Dibromoethane	ND		ug/Kg	5.0	06/26/24	06/26/24
Chlorobenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	06/26/24	06/26/24
Ethylbenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
m,p-Xylenes	ND		ug/Kg	10	06/26/24	06/26/24
o-Xylene	ND		ug/Kg	5.0	06/26/24	06/26/24
Styrene	ND		ug/Kg	5.0	06/26/24	06/26/24
Bromoform	ND		ug/Kg	5.0	06/26/24	06/26/24
Isopropylbenzene	ND		ug/Kg	5.0	06/26/24	06/26/24

Batch QC

QC1164567 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	06/26/24	06/26/24
1,2,3-Trichloropropane	ND		ug/Kg	5.0	06/26/24	06/26/24
Propylbenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
Bromobenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
2-Chlorotoluene	ND		ug/Kg	5.0	06/26/24	06/26/24
4-Chlorotoluene	ND		ug/Kg	5.0	06/26/24	06/26/24
tert-Butylbenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
sec-Butylbenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
para-Isopropyl Toluene	ND		ug/Kg	5.0	06/26/24	06/26/24
1,3-Dichlorobenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
1,4-Dichlorobenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
n-Butylbenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
1,2-Dichlorobenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	06/26/24	06/26/24
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
Hexachlorobutadiene	ND		ug/Kg	5.0	06/26/24	06/26/24
Naphthalene	ND		ug/Kg	5.0	06/26/24	06/26/24
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
Xylene (total)	ND		ug/Kg	5.0	06/26/24	06/26/24
Surrogates	Limits					
Dibromofluoromethane	98%		%REC	70-130	06/26/24	06/26/24
1,2-Dichloroethane-d4	90%		%REC	70-145	06/26/24	06/26/24
Toluene-d8	103%		%REC	70-145	06/26/24	06/26/24
Bromofluorobenzene	97%		%REC	70-145	06/26/24	06/26/24

Batch QC

Type: Blank	Lab ID: QC1164568	Batch: 343707
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1164568 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	250	06/26/24	06/26/24
cis-1,4-Dichloro-2-butene	ND		ug/Kg	250	06/26/24	06/26/24
trans-1,4-Dichloro-2-butene	ND		ug/Kg	250	06/26/24	06/26/24
Freon 12	ND		ug/Kg	250	06/26/24	06/26/24
Chloromethane	ND		ug/Kg	250	06/26/24	06/26/24
Vinyl Chloride	ND		ug/Kg	250	06/26/24	06/26/24
Bromomethane	ND		ug/Kg	250	06/26/24	06/26/24
Chloroethane	ND		ug/Kg	250	06/26/24	06/26/24
Trichlorofluoromethane	ND		ug/Kg	250	06/26/24	06/26/24
Acetone	ND		ug/Kg	5,000	06/26/24	06/26/24
Freon 113	ND		ug/Kg	250	06/26/24	06/26/24
1,1-Dichloroethene	ND		ug/Kg	250	06/26/24	06/26/24
Methylene Chloride	ND		ug/Kg	250	06/26/24	06/26/24
MTBE	ND		ug/Kg	250	06/26/24	06/26/24
trans-1,2-Dichloroethene	ND		ug/Kg	250	06/26/24	06/26/24
1,1-Dichloroethane	ND		ug/Kg	250	06/26/24	06/26/24
2-Butanone	ND		ug/Kg	5,000	06/26/24	06/26/24
cis-1,2-Dichloroethene	ND		ug/Kg	250	06/26/24	06/26/24
2,2-Dichloropropane	ND		ug/Kg	250	06/26/24	06/26/24
Chloroform	ND		ug/Kg	250	06/26/24	06/26/24
Bromochloromethane	ND		ug/Kg	250	06/26/24	06/26/24
1,1,1-Trichloroethane	ND		ug/Kg	250	06/26/24	06/26/24
1,1-Dichloropropene	ND		ug/Kg	250	06/26/24	06/26/24
Carbon Tetrachloride	ND		ug/Kg	250	06/26/24	06/26/24
1,2-Dichloroethane	ND		ug/Kg	250	06/26/24	06/26/24
Benzene	ND		ug/Kg	250	06/26/24	06/26/24
Trichloroethene	ND		ug/Kg	250	06/26/24	06/26/24
1,2-Dichloropropane	ND		ug/Kg	250	06/26/24	06/26/24
Bromodichloromethane	ND		ug/Kg	250	06/26/24	06/26/24
Dibromomethane	ND		ug/Kg	250	06/26/24	06/26/24
4-Methyl-2-Pentanone	ND		ug/Kg	250	06/26/24	06/26/24
cis-1,3-Dichloropropene	ND		ug/Kg	250	06/26/24	06/26/24
Toluene	ND		ug/Kg	250	06/26/24	06/26/24
trans-1,3-Dichloropropene	ND		ug/Kg	250	06/26/24	06/26/24
1,1,2-Trichloroethane	ND		ug/Kg	250	06/26/24	06/26/24
1,3-Dichloropropane	ND		ug/Kg	250	06/26/24	06/26/24
Tetrachloroethene	ND		ug/Kg	250	06/26/24	06/26/24
Dibromochloromethane	ND		ug/Kg	250	06/26/24	06/26/24
1,2-Dibromoethane	ND		ug/Kg	250	06/26/24	06/26/24
Chlorobenzene	ND		ug/Kg	250	06/26/24	06/26/24
1,1,1,2-Tetrachloroethane	ND		ug/Kg	250	06/26/24	06/26/24
Ethylbenzene	ND		ug/Kg	250	06/26/24	06/26/24
m,p-Xylenes	ND		ug/Kg	500	06/26/24	06/26/24
o-Xylene	ND		ug/Kg	250	06/26/24	06/26/24
Styrene	ND		ug/Kg	250	06/26/24	06/26/24
Bromoform	ND		ug/Kg	250	06/26/24	06/26/24
Isopropylbenzene	ND		ug/Kg	250	06/26/24	06/26/24

Batch QC

QC1164568 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,1,2,2-Tetrachloroethane	ND		ug/Kg	250	06/26/24	06/26/24
1,2,3-Trichloropropane	ND		ug/Kg	250	06/26/24	06/26/24
Propylbenzene	ND		ug/Kg	250	06/26/24	06/26/24
Bromobenzene	ND		ug/Kg	250	06/26/24	06/26/24
1,3,5-Trimethylbenzene	ND		ug/Kg	250	06/26/24	06/26/24
2-Chlorotoluene	ND		ug/Kg	250	06/26/24	06/26/24
4-Chlorotoluene	ND		ug/Kg	250	06/26/24	06/26/24
tert-Butylbenzene	ND		ug/Kg	250	06/26/24	06/26/24
1,2,4-Trimethylbenzene	ND		ug/Kg	250	06/26/24	06/26/24
sec-Butylbenzene	ND		ug/Kg	250	06/26/24	06/26/24
para-Isopropyl Toluene	ND		ug/Kg	250	06/26/24	06/26/24
1,3-Dichlorobenzene	ND		ug/Kg	250	06/26/24	06/26/24
1,4-Dichlorobenzene	ND		ug/Kg	250	06/26/24	06/26/24
n-Butylbenzene	ND		ug/Kg	250	06/26/24	06/26/24
1,2-Dichlorobenzene	ND		ug/Kg	250	06/26/24	06/26/24
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	250	06/26/24	06/26/24
1,2,4-Trichlorobenzene	ND		ug/Kg	250	06/26/24	06/26/24
Hexachlorobutadiene	ND		ug/Kg	250	06/26/24	06/26/24
Naphthalene	ND		ug/Kg	250	06/26/24	06/26/24
1,2,3-Trichlorobenzene	ND		ug/Kg	250	06/26/24	06/26/24
Xylene (total)	ND		ug/Kg	250	06/26/24	06/26/24
Surrogates	Limits					
Dibromofluoromethane	96%		%REC	70-130	06/26/24	06/26/24
1,2-Dichloroethane-d4	88%		%REC	70-145	06/26/24	06/26/24
Toluene-d8	103%		%REC	70-145	06/26/24	06/26/24
Bromofluorobenzene	95%		%REC	70-145	06/26/24	06/26/24

Type: Matrix Spike	Lab ID: QC1164621	Batch: 343707
Matrix (Source ID): Soil (510607-002)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1164621 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	44.32	ND	50.00	ug/Kg	89%		70-141	1
MTBE	40.16	ND	50.00	ug/Kg	80%		59-130	1
Benzene	43.59	ND	50.00	ug/Kg	87%		70-130	1
Trichloroethene	44.36	ND	50.00	ug/Kg	89%		69-130	1
Toluene	46.88	ND	50.00	ug/Kg	94%		70-130	1
Chlorobenzene	46.40	ND	50.00	ug/Kg	93%		70-130	1
Surrogates								
Dibromofluoromethane	50.04		50.00	ug/Kg	100%		70-145	1
1,2-Dichloroethane-d4	43.74		50.00	ug/Kg	87%		70-145	1
Toluene-d8	51.61		50.00	ug/Kg	103%		70-145	1
Bromofluorobenzene	49.69		50.00	ug/Kg	99%		70-145	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1164622	Batch: 343707
Matrix (Source ID): Soil (510607-002)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1164622 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	47.89	ND	50.00	ug/Kg	96%		70-141	8	43	1
MTBE	43.61	ND	50.00	ug/Kg	87%		59-130	8	30	1
Benzene	46.75	ND	50.00	ug/Kg	94%		70-130	7	30	1
Trichloroethene	46.09	ND	50.00	ug/Kg	92%		69-130	4	30	1
Toluene	48.60	ND	50.00	ug/Kg	97%		70-130	4	30	1
Chlorobenzene	46.17	ND	50.00	ug/Kg	92%		70-130	1	30	1
Surrogates										
Dibromofluoromethane	50.41		50.00	ug/Kg	101%		70-145			1
1,2-Dichloroethane-d4	44.94		50.00	ug/Kg	90%		70-145			1
Toluene-d8	51.84		50.00	ug/Kg	104%		70-145			1
Bromofluorobenzene	50.76		50.00	ug/Kg	102%		70-145			1

Type: Lab Control Sample	Lab ID: QC1164960	Batch: 343807
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1164960 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	59.01	50.00	ug/Kg	118%		70-131
MTBE	59.90	50.00	ug/Kg	120%		69-130
Benzene	51.93	50.00	ug/Kg	104%		70-130
Trichloroethene	46.04	50.00	ug/Kg	92%		70-130
Toluene	52.34	50.00	ug/Kg	105%		70-130
Chlorobenzene	53.62	50.00	ug/Kg	107%		70-130
Surrogates						
Dibromofluoromethane	49.39	50.00	ug/Kg	99%		70-130
1,2-Dichloroethane-d4	52.10	50.00	ug/Kg	104%		70-145
Toluene-d8	50.94	50.00	ug/Kg	102%		70-145
Bromofluorobenzene	48.61	50.00	ug/Kg	97%		70-145

Type: Lab Control Sample Duplicate	Lab ID: QC1164961	Batch: 343807
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1164961 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	59.30	50.00	ug/Kg	119%		70-131	0	33
MTBE	59.57	50.00	ug/Kg	119%		69-130	1	30
Benzene	53.47	50.00	ug/Kg	107%		70-130	3	30
Trichloroethene	48.77	50.00	ug/Kg	98%		70-130	6	30
Toluene	52.81	50.00	ug/Kg	106%		70-130	1	30
Chlorobenzene	54.42	50.00	ug/Kg	109%		70-130	1	30
Surrogates								
Dibromofluoromethane	49.49	50.00	ug/Kg	99%		70-130		
1,2-Dichloroethane-d4	49.27	50.00	ug/Kg	99%		70-145		
Toluene-d8	50.23	50.00	ug/Kg	100%		70-145		
Bromofluorobenzene	48.48	50.00	ug/Kg	97%		70-145		

Batch QC

Type: Blank	Lab ID: QC1164962	Batch: 343807
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1164962 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	250	06/26/24	06/26/24
cis-1,4-Dichloro-2-butene	ND		ug/Kg	250	06/26/24	06/26/24
trans-1,4-Dichloro-2-butene	ND		ug/Kg	250	06/26/24	06/26/24
Freon 12	ND		ug/Kg	250	06/26/24	06/26/24
Chloromethane	ND		ug/Kg	250	06/26/24	06/26/24
Vinyl Chloride	ND		ug/Kg	250	06/26/24	06/26/24
Bromomethane	ND		ug/Kg	250	06/26/24	06/26/24
Chloroethane	ND		ug/Kg	250	06/26/24	06/26/24
Trichlorofluoromethane	ND		ug/Kg	250	06/26/24	06/26/24
Acetone	ND		ug/Kg	5,000	06/26/24	06/26/24
Freon 113	ND		ug/Kg	250	06/26/24	06/26/24
1,1-Dichloroethene	ND		ug/Kg	250	06/26/24	06/26/24
Methylene Chloride	ND		ug/Kg	400	06/26/24	06/26/24
MTBE	ND		ug/Kg	250	06/26/24	06/26/24
trans-1,2-Dichloroethene	ND		ug/Kg	250	06/26/24	06/26/24
1,1-Dichloroethane	ND		ug/Kg	250	06/26/24	06/26/24
2-Butanone	ND		ug/Kg	5,000	06/26/24	06/26/24
cis-1,2-Dichloroethene	ND		ug/Kg	250	06/26/24	06/26/24
2,2-Dichloropropane	ND		ug/Kg	250	06/26/24	06/26/24
Chloroform	ND		ug/Kg	250	06/26/24	06/26/24
Bromochloromethane	ND		ug/Kg	250	06/26/24	06/26/24
1,1,1-Trichloroethane	ND		ug/Kg	250	06/26/24	06/26/24
1,1-Dichloropropene	ND		ug/Kg	250	06/26/24	06/26/24
Carbon Tetrachloride	ND		ug/Kg	250	06/26/24	06/26/24
1,2-Dichloroethane	ND		ug/Kg	250	06/26/24	06/26/24
Benzene	ND		ug/Kg	250	06/26/24	06/26/24
Trichloroethene	ND		ug/Kg	250	06/26/24	06/26/24
1,2-Dichloropropane	ND		ug/Kg	250	06/26/24	06/26/24
Bromodichloromethane	ND		ug/Kg	250	06/26/24	06/26/24
Dibromomethane	ND		ug/Kg	250	06/26/24	06/26/24
4-Methyl-2-Pentanone	ND		ug/Kg	250	06/26/24	06/26/24
cis-1,3-Dichloropropene	ND		ug/Kg	250	06/26/24	06/26/24
Toluene	ND		ug/Kg	250	06/26/24	06/26/24
trans-1,3-Dichloropropene	ND		ug/Kg	250	06/26/24	06/26/24
1,1,2-Trichloroethane	ND		ug/Kg	250	06/26/24	06/26/24
1,3-Dichloropropane	ND		ug/Kg	250	06/26/24	06/26/24
Tetrachloroethene	ND		ug/Kg	250	06/26/24	06/26/24
Dibromochloromethane	ND		ug/Kg	250	06/26/24	06/26/24
1,2-Dibromoethane	ND		ug/Kg	250	06/26/24	06/26/24
Chlorobenzene	ND		ug/Kg	250	06/26/24	06/26/24
1,1,1,2-Tetrachloroethane	ND		ug/Kg	250	06/26/24	06/26/24
Ethylbenzene	ND		ug/Kg	250	06/26/24	06/26/24
m,p-Xylenes	ND		ug/Kg	500	06/26/24	06/26/24
o-Xylene	ND		ug/Kg	250	06/26/24	06/26/24
Styrene	ND		ug/Kg	250	06/26/24	06/26/24
Bromoform	ND		ug/Kg	250	06/26/24	06/26/24
Isopropylbenzene	ND		ug/Kg	250	06/26/24	06/26/24

Batch QC

QC1164962 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,1,2,2-Tetrachloroethane	ND		ug/Kg	250	06/26/24	06/26/24
1,2,3-Trichloropropane	ND		ug/Kg	250	06/26/24	06/26/24
Propylbenzene	ND		ug/Kg	250	06/26/24	06/26/24
Bromobenzene	ND		ug/Kg	250	06/26/24	06/26/24
1,3,5-Trimethylbenzene	ND		ug/Kg	250	06/26/24	06/26/24
2-Chlorotoluene	ND		ug/Kg	250	06/26/24	06/26/24
4-Chlorotoluene	ND		ug/Kg	250	06/26/24	06/26/24
tert-Butylbenzene	ND		ug/Kg	250	06/26/24	06/26/24
1,2,4-Trimethylbenzene	ND		ug/Kg	250	06/26/24	06/26/24
sec-Butylbenzene	ND		ug/Kg	250	06/26/24	06/26/24
para-Isopropyl Toluene	ND		ug/Kg	250	06/26/24	06/26/24
1,3-Dichlorobenzene	ND		ug/Kg	250	06/26/24	06/26/24
1,4-Dichlorobenzene	ND		ug/Kg	250	06/26/24	06/26/24
n-Butylbenzene	ND		ug/Kg	250	06/26/24	06/26/24
1,2-Dichlorobenzene	ND		ug/Kg	250	06/26/24	06/26/24
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	250	06/26/24	06/26/24
1,2,4-Trichlorobenzene	ND		ug/Kg	250	06/26/24	06/26/24
Hexachlorobutadiene	ND		ug/Kg	250	06/26/24	06/26/24
Naphthalene	ND		ug/Kg	250	06/26/24	06/26/24
1,2,3-Trichlorobenzene	ND		ug/Kg	250	06/26/24	06/26/24
Xylene (total)	ND		ug/Kg	250	06/26/24	06/26/24
Surrogates	Limits					
Dibromofluoromethane	98%		%REC	70-130	06/26/24	06/26/24
1,2-Dichloroethane-d4	101%		%REC	70-145	06/26/24	06/26/24
Toluene-d8	102%		%REC	70-145	06/26/24	06/26/24
Bromofluorobenzene	104%		%REC	70-145	06/26/24	06/26/24

Batch QC

Type: Blank	Lab ID: QC1164963	Batch: 343807
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1164963 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	06/26/24	06/26/24
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	06/26/24	06/26/24
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	06/26/24	06/26/24
Freon 12	ND		ug/Kg	5.0	06/26/24	06/26/24
Chloromethane	ND		ug/Kg	5.0	06/26/24	06/26/24
Vinyl Chloride	ND		ug/Kg	5.0	06/26/24	06/26/24
Bromomethane	ND		ug/Kg	5.0	06/26/24	06/26/24
Chloroethane	ND		ug/Kg	5.0	06/26/24	06/26/24
Trichlorofluoromethane	ND		ug/Kg	5.0	06/26/24	06/26/24
Acetone	ND		ug/Kg	100	06/26/24	06/26/24
Freon 113	ND		ug/Kg	5.0	06/26/24	06/26/24
1,1-Dichloroethene	ND		ug/Kg	5.0	06/26/24	06/26/24
Methylene Chloride	ND		ug/Kg	5.0	06/26/24	06/26/24
MTBE	ND		ug/Kg	5.0	06/26/24	06/26/24
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	06/26/24	06/26/24
1,1-Dichloroethane	ND		ug/Kg	5.0	06/26/24	06/26/24
2-Butanone	ND		ug/Kg	100	06/26/24	06/26/24
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	06/26/24	06/26/24
2,2-Dichloropropane	ND		ug/Kg	5.0	06/26/24	06/26/24
Chloroform	ND		ug/Kg	5.0	06/26/24	06/26/24
Bromochloromethane	ND		ug/Kg	5.0	06/26/24	06/26/24
1,1,1-Trichloroethane	ND		ug/Kg	5.0	06/26/24	06/26/24
1,1-Dichloropropene	ND		ug/Kg	5.0	06/26/24	06/26/24
Carbon Tetrachloride	ND		ug/Kg	5.0	06/26/24	06/26/24
1,2-Dichloroethane	ND		ug/Kg	5.0	06/26/24	06/26/24
Benzene	ND		ug/Kg	5.0	06/26/24	06/26/24
Trichloroethene	ND		ug/Kg	5.0	06/26/24	06/26/24
1,2-Dichloropropane	ND		ug/Kg	5.0	06/26/24	06/26/24
Bromodichloromethane	ND		ug/Kg	5.0	06/26/24	06/26/24
Dibromomethane	ND		ug/Kg	5.0	06/26/24	06/26/24
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	06/26/24	06/26/24
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	06/26/24	06/26/24
Toluene	ND		ug/Kg	5.0	06/26/24	06/26/24
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	06/26/24	06/26/24
1,1,2-Trichloroethane	ND		ug/Kg	5.0	06/26/24	06/26/24
1,3-Dichloropropane	ND		ug/Kg	5.0	06/26/24	06/26/24
Tetrachloroethene	ND		ug/Kg	5.0	06/26/24	06/26/24
Dibromochloromethane	ND		ug/Kg	5.0	06/26/24	06/26/24
1,2-Dibromoethane	ND		ug/Kg	5.0	06/26/24	06/26/24
Chlorobenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	06/26/24	06/26/24
Ethylbenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
m,p-Xylenes	ND		ug/Kg	10	06/26/24	06/26/24
o-Xylene	ND		ug/Kg	5.0	06/26/24	06/26/24
Styrene	ND		ug/Kg	5.0	06/26/24	06/26/24
Bromoform	ND		ug/Kg	5.0	06/26/24	06/26/24
Isopropylbenzene	ND		ug/Kg	5.0	06/26/24	06/26/24

Batch QC

QC1164963 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	06/26/24	06/26/24
1,2,3-Trichloropropane	ND		ug/Kg	5.0	06/26/24	06/26/24
Propylbenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
Bromobenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
2-Chlorotoluene	ND		ug/Kg	5.0	06/26/24	06/26/24
4-Chlorotoluene	ND		ug/Kg	5.0	06/26/24	06/26/24
tert-Butylbenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
sec-Butylbenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
para-Isopropyl Toluene	ND		ug/Kg	5.0	06/26/24	06/26/24
1,3-Dichlorobenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
1,4-Dichlorobenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
n-Butylbenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
1,2-Dichlorobenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	06/26/24	06/26/24
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
Hexachlorobutadiene	ND		ug/Kg	5.0	06/26/24	06/26/24
Naphthalene	ND		ug/Kg	5.0	06/26/24	06/26/24
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	06/26/24	06/26/24
Xylene (total)	ND		ug/Kg	5.0	06/26/24	06/26/24
Surrogates	Limits					
Dibromofluoromethane	97%		%REC	70-130	06/26/24	06/26/24
1,2-Dichloroethane-d4	98%		%REC	70-145	06/26/24	06/26/24
Toluene-d8	101%		%REC	70-145	06/26/24	06/26/24
Bromofluorobenzene	106%		%REC	70-145	06/26/24	06/26/24

Batch QC

Type: Blank	Lab ID: QC1161565	Batch: 342835
Matrix: Soil	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1161565 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1-Methylnaphthalene	ND		ug/Kg	10	06/15/24	06/17/24
2-Methylnaphthalene	ND		ug/Kg	10	06/15/24	06/17/24
Naphthalene	ND		ug/Kg	10	06/15/24	06/17/24
Acenaphthylene	ND		ug/Kg	10	06/15/24	06/17/24
Acenaphthene	ND		ug/Kg	10	06/15/24	06/17/24
Fluorene	ND		ug/Kg	10	06/15/24	06/17/24
Phenanthrene	ND		ug/Kg	10	06/15/24	06/17/24
Anthracene	ND		ug/Kg	10	06/15/24	06/17/24
Fluoranthene	ND		ug/Kg	10	06/15/24	06/17/24
Pyrene	ND		ug/Kg	10	06/15/24	06/17/24
Benzo(a)anthracene	ND		ug/Kg	10	06/15/24	06/17/24
Chrysene	ND		ug/Kg	10	06/15/24	06/17/24
Benzo(b)fluoranthene	ND		ug/Kg	10	06/15/24	06/17/24
Benzo(k)fluoranthene	ND		ug/Kg	10	06/15/24	06/17/24
Benzo(a)pyrene	ND		ug/Kg	10	06/15/24	06/17/24
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	06/15/24	06/17/24
Dibenz(a,h)anthracene	ND		ug/Kg	10	06/15/24	06/17/24
Benzo(g,h,i)perylene	ND		ug/Kg	10	06/15/24	06/17/24
Surrogates	Limits					
Nitrobenzene-d5	93%		%REC	27-125	06/15/24	06/17/24
2-Fluorobiphenyl	79%		%REC	30-120	06/15/24	06/17/24
Terphenyl-d14	86%		%REC	33-155	06/15/24	06/17/24

Batch QC

Type: Lab Control Sample	Lab ID: QC1161566	Batch: 342835
Matrix: Soil	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1161566 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1-Methylnaphthalene	172.8	200.0	ug/Kg	86%		28-130
2-Methylnaphthalene	172.7	200.0	ug/Kg	86%		33-130
Naphthalene	172.7	200.0	ug/Kg	86%		25-130
Acenaphthylene	170.9	200.0	ug/Kg	85%		28-130
Acenaphthene	169.2	200.0	ug/Kg	85%		32-130
Fluorene	169.9	200.0	ug/Kg	85%		35-130
Phenanthrene	165.8	200.0	ug/Kg	83%		35-132
Anthracene	164.6	200.0	ug/Kg	82%		34-136
Fluoranthene	170.9	200.0	ug/Kg	85%		34-139
Pyrene	169.7	200.0	ug/Kg	85%		35-134
Benzo(a)anthracene	166.9	200.0	ug/Kg	83%		30-132
Chrysene	162.6	200.0	ug/Kg	81%		29-130
Benzo(b)fluoranthene	166.8	200.0	ug/Kg	83%		32-137
Benzo(k)fluoranthene	162.6	200.0	ug/Kg	81%		32-130
Benzo(a)pyrene	161.0	200.0	ug/Kg	81%		10-138
Indeno(1,2,3-cd)pyrene	167.6	200.0	ug/Kg	84%		34-132
Dibenz(a,h)anthracene	166.9	200.0	ug/Kg	83%		32-130
Benzo(g,h,i)perylene	161.7	200.0	ug/Kg	81%		27-130
Surrogates						
Nitrobenzene-d5	189.2	200.0	ug/Kg	95%		27-125
2-Fluorobiphenyl	163.4	200.0	ug/Kg	82%		30-120
Terphenyl-d14	173.5	200.0	ug/Kg	87%		33-155

Batch QC

Type: Matrix Spike	Lab ID: QC1161567	Batch: 342835
Matrix (Source ID): Soil (510325-002)	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1161567 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1-Methylnaphthalene	183.0	ND	201.0	ug/Kg	91%		25-130	1
2-Methylnaphthalene	183.6	ND	201.0	ug/Kg	91%		32-133	1
Naphthalene	182.2	ND	201.0	ug/Kg	91%		33-130	1
Acenaphthylene	183.5	ND	201.0	ug/Kg	91%		14-157	1
Acenaphthene	173.1	ND	201.0	ug/Kg	86%		28-134	1
Fluorene	177.1	ND	201.0	ug/Kg	88%		27-140	1
Phenanthrene	176.1	ND	201.0	ug/Kg	88%		29-147	1
Anthracene	174.0	ND	201.0	ug/Kg	87%		24-156	1
Fluoranthene	182.1	ND	201.0	ug/Kg	91%		28-160	1
Pyrene	181.8	ND	201.0	ug/Kg	90%		26-153	1
Benzo(a)anthracene	173.8	ND	201.0	ug/Kg	86%		26-174	1
Chrysene	166.1	ND	201.0	ug/Kg	83%		40-139	1
Benzo(b)fluoranthene	171.5	ND	201.0	ug/Kg	85%		36-164	1
Benzo(k)fluoranthene	162.9	ND	201.0	ug/Kg	81%		36-161	1
Benzo(a)pyrene	163.8	ND	201.0	ug/Kg	81%		18-173	1
Indeno(1,2,3-cd)pyrene	172.3	ND	201.0	ug/Kg	86%		26-154	1
Dibenz(a,h)anthracene	172.5	ND	201.0	ug/Kg	86%		38-132	1
Benzo(g,h,i)perylene	167.4	ND	201.0	ug/Kg	83%		36-130	1
Surrogates								
Nitrobenzene-d5	195.1		201.0	ug/Kg	97%		27-125	1
2-Fluorobiphenyl	173.7		201.0	ug/Kg	86%		30-120	1
Terphenyl-d14	179.8		201.0	ug/Kg	89%		33-155	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1161568	Batch: 342835
Matrix (Source ID): Soil (510325-002)	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1161568 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1-Methylnaphthalene	148.3	ND	202.0	ug/Kg	73%		25-130	21	35	1
2-Methylnaphthalene	149.7	ND	202.0	ug/Kg	74%		32-133	21	35	1
Naphthalene	148.6	ND	202.0	ug/Kg	74%		33-130	21	35	1
Acenaphthylene	151.4	ND	202.0	ug/Kg	75%		14-157	20	35	1
Acenaphthene	145.4	ND	202.0	ug/Kg	72%		28-134	18	35	1
Fluorene	149.9	ND	202.0	ug/Kg	74%		27-140	17	35	1
Phenanthrene	146.9	ND	202.0	ug/Kg	73%		29-147	19	35	1
Anthracene	145.3	ND	202.0	ug/Kg	72%		24-156	18	35	1
Fluoranthene	153.0	ND	202.0	ug/Kg	76%		28-160	18	35	1
Pyrene	152.3	ND	202.0	ug/Kg	75%		26-153	18	35	1
Benzo(a)anthracene	148.3	ND	202.0	ug/Kg	73%		26-174	16	35	1
Chrysene	142.0	ND	202.0	ug/Kg	70%		40-139	16	35	1
Benzo(b)fluoranthene	144.6	ND	202.0	ug/Kg	72%		36-164	17	35	1
Benzo(k)fluoranthene	139.0	ND	202.0	ug/Kg	69%		36-161	16	35	1
Benzo(a)pyrene	136.5	ND	202.0	ug/Kg	68%		18-173	19	35	1
Indeno(1,2,3-cd)pyrene	141.9	ND	202.0	ug/Kg	70%		26-154	20	35	1
Dibenz(a,h)anthracene	141.6	ND	202.0	ug/Kg	70%		38-132	20	35	1
Benzo(g,h,i)perylene	139.0	ND	202.0	ug/Kg	69%		36-130	19	35	1
Surrogates										
Nitrobenzene-d5	159.6		202.0	ug/Kg	79%		27-125			1
2-Fluorobiphenyl	142.6		202.0	ug/Kg	71%		30-120			1
Terphenyl-d14	152.1		202.0	ug/Kg	75%		33-155			1

CCV drift outside limits; average CCV drift within limits per method requirements

* Value is outside QC limits

ND Not Detected

NM Not Meaningful

Laboratory Job Number 510325

Subcontracted Products

AmeriSci



Please Reply To:

AmeriSci Los Angeles

24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

LABORATORY ELECTRONIC TRANSMITTAL

To: Project Manager
Enthalpy Analytical

Fax #:

Email: incomingreports@enthalpy.com

From: Thu M. Nguyen
AmeriSci Job #: 924061189
Subject: PLM-Bulk-Qualitative 5 day Resul
Client Project: EO-510325; (Report Amended
6/24/2024)

Date: Monday, June 24, 2024

Time: 10:56:29

Comments:

Number of Pages: _____
(including cover sheet)

NOTE: Attached report is to be considered preliminary until final review with accompanying analysis summary letter is issued.

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24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

PLM Bulk Asbestos Report

Enthalpy Analytical
Attn: Project Manager
931 W. Barkley Ave.

Orange, CA 92868

Date Received 06/18/24 **AmeriSci Job #** 924061189
Date Examined 06/20/24 **P.O. #** 067435
Page 1 of 3
RE: EO-510325; (Report Amended 6/24/2024)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
510325-001 Location: PS5-1 Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA NAD	924061189-01	No	NVA ¹ by Thu M. Nguyen on 06/20/24
510325-002 Location: PS5-3 Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA NAD	924061189-02	No	NVA ¹ by Thu M. Nguyen on 06/20/24
510325-003 Location: PS5-10 Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA NAD	924061189-03	No	NVA ¹ by Thu M. Nguyen on 06/20/24
510325-004 Location: PS5-15 Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA NAD	924061189-04	No	NVA ¹ by Thu M. Nguyen on 06/20/24
510325-005 Location: DL4-1 Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA NAD	924061189-05	No	NVA ¹ by Thu M. Nguyen on 06/20/24

See Reporting notes on last page

PLM Bulk Asbestos Report

EO-510325; (Report Amended 6/24/2024)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
510325-007 Location: SB2-1 Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA NAD	924061189-06	No	NVA ¹ by Thu M. Nguyen on 06/20/24
510325-011 Location: DL2-3 Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA NAD	924061189-07	No	NVA ¹ by Thu M. Nguyen on 06/20/24
510325-012 Location: SB1-1 Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA NAD	924061189-08	No	NVA ¹ by Thu M. Nguyen on 06/20/24
510325-015 Location: SB3-1 Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA NAD	924061189-09	No	NVA ¹ by Thu M. Nguyen on 06/20/24
510325-025 Location: DL21-1 Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA NAD	924061189-10	No	NVA ¹ by Thu M. Nguyen on 06/20/24
510325-036 Location: DL10-1 Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA NAD	924061189-11	No	NVA ¹ by Thu M. Nguyen on 06/20/24

See Reporting notes on last page

PLM Bulk Asbestos Report
EO-510325; (Report Amended 6/24/2024)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
510325-040	924061189-12	No	NVA ¹
Location: SB13-1			by Thu M. Nguyen on 06/20/24
Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil			
Asbestos Types:			
Other Material: NVA NAD			

Reporting Notes:

(1) Qualitative PLM result may not be reliable for soil, tape, dust or debris samples due to high variability in particle and aggregate size.

Analyzed by: Thu M. Nguyen  Reviewed by: Lateef McIntosh 
Date: 6/20/2024

*NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; NVA = No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/R-93/116, including requirements for EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.

AmeriSci Los Angeles	Report Amendment Explanation Form (append to amended report)	Date Amended 6/24/2024

Client: Enthalpy Analytical

AmeriSci Job #: 924061189

Client Job: EO-510325

Analysis Type: PLM-Bulk-Qualitative

AmeriSci Sample
#s affected: 924061189

Amended by
(print/sign): Beatriz Arellano

Original Item(s)
Being Amended: P.O. NUMBER

Changes Made: ADDED P.O. NUMBER 067435

Reason for
Changes: CLIENT ADDED P.O. NUMBER

Attach original sheet with incorrect item or items to be amended clearly indicated or circled.



ENTHALPY ANALYTICAL

Enthalpy Analytical - Orange
Orange, CA 92868
(714) 771-6900 / Fax: (510) 486-0532

924061189

Enthalpy Order: EO-510325

Subcontract Laboratory:

AmeriSci
24416 S. Main Street
Suite 308
Carson, CA 90745
ATTN: Sample Control
PO #: Required, to be sent via email

PM: Patty Mata

Email: patty.mata@enthalpy.com

CC: incomingreports@enthalpy.com

Phone: (714) 771-6900

Results Due: Standard
TAT

Report Level: II

Report To: RL

EDDs:

Notes:

Need asbestos PLM P/A tests.

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
PS5-1	13-JUN-2024 07:40	510325-001	1	Soil	Asbestos by PLM	
PS5-3	13-JUN-2024 07:45	510325-002	1	Soil	Asbestos by PLM	
PS5-10	13-JUN-2024 07:50	510325-003	1	Soil	Asbestos by PLM	
PS5-15	13-JUN-2024 07:55	510325-004	1	Soil	Asbestos by PLM	
DL4-1	13-JUN-2024 08:10	510325-005	1	Soil	Asbestos by PLM	
SB2-1	13-JUN-2024 08:40	510325-007	1	Soil	Asbestos by PLM	
DL2-3	13-JUN-2024 09:30	510325-011	1	Soil	Asbestos by PLM	
SB1-1	13-JUN-2024 09:40	510325-012	1	Soil	Asbestos by PLM	
SB3-1	13-JUN-2024 10:25	510325-015	1	Soil	Asbestos by PLM	
DL21-1	13-JUN-2024 11:40	510325-025	1	Soil	Asbestos by PLM	
DL10-1	13-JUN-2024 12:45	510325-036	1	Soil	Asbestos by PLM	
SB13-1	13-JUN-2024 13:50	510325-040	1	Soil	Asbestos by PLM	

Notes:	Relinquished By:	Received By:
		BAckhaus 1
	Date: 6/18/24 1143	Date: 6/18/24 @ 1145
	Date:	Date:
	Date:	Date:



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

enthalpy.com

Lab Job Number : 510406
Report Level : II
Report Date : 06/28/2024

Analytical Report *prepared for:*

Parya Saneipoor
Millenium Consulting Associates
4683 Chabot Drive, Suite 380
Pleasanton, CA 94588

Project: LAUSD FAIRFAX - LAUSD Fairfax HS, 12060.2010

Authorized for release by:

Patty Mata, Project Manager
patty.mata@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

Parya Saneipoor	Lab Job #:	510406
Millenium Consulting	Project No:	LAUSD FAIRFAX
Associates	Location:	LAUSD Fairfax HS, 12060.2010
4683 Chabot Drive, Suite 380	Date Received:	06/14/24
Pleasanton, CA 94588		

Sample ID	Lab ID	Collected	Matrix
SB5-1	510406-001	06/14/24 07:10	Soil
SB5-3	510406-002	06/14/24 07:15	Soil
SB6-1	510406-003	06/14/24 07:30	Soil
SB6-3	510406-004	06/14/24 07:35	Soil
SB6-5	510406-005	06/14/24 07:36	Soil
SB8-1	510406-006	06/14/24 07:55	Soil
SB8-1DUP	510406-007	06/14/24 07:57	Soil
SB8-3	510406-008	06/14/24 08:00	Soil
SB8-5	510406-009	06/14/24 08:05	Soil
SB7-1	510406-010	06/14/24 08:20	Soil
SB7-3	510406-011	06/14/24 08:25	Soil
SB7-5	510406-012	06/14/24 08:27	Soil
DL19-1	510406-013	06/14/24 08:40	Soil
DL19-3	510406-014	06/14/24 08:45	Soil
SB9-1	510406-015	06/14/24 08:55	Soil
SB9-3	510406-016	06/14/24 08:58	Soil
SB9-5	510406-017	06/14/24 09:05	Soil
DL18-1	510406-018	06/14/24 09:20	Soil
DL18-3	510406-019	06/14/24 09:25	Soil
DL18-3DUP	510406-020	06/14/24 09:30	Soil
SB10-1	510406-021	06/14/24 10:05	Soil
SB10-1DUP	510406-022	06/14/24 10:06	Soil
SB10-3	510406-023	06/14/24 10:09	Soil
SB10-5	510406-024	06/14/24 10:15	Soil
SB11-1	510406-025	06/14/24 10:30	Soil
DL17-1	510406-026	06/14/24 10:50	Soil

Sample Summary

Parya Saneipoor	Lab Job #:	510406
Millenium Consulting	Project No:	LAUSD FAIRFAX
Associates	Location:	LAUSD Fairfax HS, 12060.2010
4683 Chabot Drive, Suite 380	Date Received:	06/14/24
Pleasanton, CA 94588		

Sample ID	Lab ID	Collected	Matrix
DL17-3	510406-027	06/14/24 11:00	Soil
DL16-1	510406-028	06/14/24 11:10	Soil
DL16-3	510406-029	06/14/24 11:12	Soil
EB-061424	510406-030	06/14/24 11:45	Water
TB-061424	510406-031	06/14/24 08:00	Water
DL11-1	510406-032	06/14/24 11:45	Soil
DL11-3	510406-033	06/14/24 11:50	Soil
SB15-1	510406-034	06/14/24 12:05	Soil
SB15-3	510406-035	06/14/24 12:10	Soil
SB15-5	510406-036	06/14/24 12:15	Soil
DL7-1	510406-037	06/14/24 12:20	Soil
DL7-3	510406-038	06/14/24 12:25	Soil
DL7-3DUP	510406-039	06/14/24 12:27	Soil
DL6-1	510406-040	06/14/24 12:40	Soil
DL6-3	510406-041	06/14/24 12:45	Soil
DL3-1	510406-042	06/14/24 12:55	Soil
DL3-3	510406-043	06/14/24 13:00	Soil

Case Narrative

Millenium Consulting Associates
4683 Chabot Drive, Suite 380
Pleasanton, CA 94588
Parya Saneipoor

Lab Job 510406
Number:
Project No: LAUSD FAIRFAX
Location: LAUSD Fairfax HS,
12060.2010

Date Received: 06/14/24

This data package contains sample and QC results for thirty five soil samples and two water samples, requested for the above referenced project on 06/15/24. The samples were received cold and intact. Sample SB15-3 was used as batch QC source for PCB method and PCB results were reported for this sample due to software requirement.

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

No analytical problems were encountered.

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

No analytical problems were encountered.

Pesticides (EPA 8081A):

- High recovery was observed for 4,4'-DDE in the MS for batch 343190; the parent sample was not a project sample, the LCS was within limits, the associated RPD was within limits, and this analyte was not detected at or above the RL in the associated samples.
- High surrogate recoveries were observed for decachlorobiphenyl in the MS/MSD for batch 343190; the corresponding TCMX surrogate recoveries were within limits, and the parent sample was not a project sample.
- Lab numbers 510406-003, 510406-004, 510406-006, 510406-007, 510406-008, 510406-014, 510406-019, 510406-020, and 510406-026 were diluted due to the color of the sample extracts. Extract color and/or viscosity are used as indicators of possible matrix interference. Elevated reporting limits were due to the necessary dilutions.
- No other analytical problems were encountered.

PCBs (EPA 8082):

No analytical problems were encountered.

Metals (EPA 6010B, EPA 6020, and EPA 7471A):

- Low recoveries were observed for antimony in the MS/MSD of SB19-3 (lab # 510441-023); the LCS was within limits, and the associated RPD was within limits.
- Low recoveries were observed for barium and antimony in the MS/MSD of DL11-1 (lab # 510406-032); the LCS was within limits, and these low recoveries were not associated with any reported results. High recovery was observed for zinc in the MSD of DL11-1 (lab # 510406-032); the LCS was within limits, the associated RPD was within limits, and the high recovery was not associated with any reported results. High RPD was observed for barium in the MS/MSD of DL11-1 (lab # 510406-032); the high RPD was not associated with any reported results.
- No other analytical problems were encountered.

Hexavalent Chromium by Ion Chromatograph (EPA 7199):

No analytical problems were encountered.

Asbestos by PLM (EPA 600/R-93-116):

AmeriSci in Carson, CA performed the analysis (see sublab report section for certifications). Please see the AmeriSci case narrative.

		Chain of Custody Record		Turn Around Time (rush by advanced notice only)			
		Lab No: 510408	Standard:	5 Day:	3 Day:		
Page: 2 of 5		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:	Millennium Consulting Associates	Name:	Cornelius Harris, Parya Saneipoor															Standard TAT	
Report To:	Parya Saneipoor	Number:	12060.2010																
Email:	psaneipoor@mecaenviro.com	P.O. #:	PS061224																
Address:	4683 Chabot Drive Suite 380	Address:	Fairfax High School																
			7850 Melrose Ave., Los Angeles																
Phone:	(925)-808-6700	Global ID:																	
Fax:		Sampled By:	Cornelius Harris																

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Asbestos (PLM)	OCF (8081A)	Lead (6010B)	Arsenic (6020)	VOCs (8260B)	TPH (8015B)	PCBs (8082)	Hex. Cr (3060A/7199)	PAHs (8270C)	Hold	Company / Title	Date / Time
1 SB7-1	6/14/24	0820	S	3	No	X	X	X	X			X	X				
2 SB7-3		0825		2	No	X	X	X	X								
3 SB7-5		0827		3	No									X			
4 DL19-1		0840		3	No	X	X	X	X			X					
5 DL19-3		0845		2	No	X	X	X	X								
6 SB9-1		0855		3	No	X	X	X	X			X					
7 SB9-3		0858		2	No	X	X	X	X								
8 SB9-5		0905		3	No									X			
9 DL19-1		0920		2	No	X	X	X	X								
10 DL19-3		0925		2	No	X	X	X	X								

Signature	Print Name	Company / Title	Date / Time
	Ryan Adams	MECA	6/14/24 1510
	Sergio's Pireh	EA	6/14/24 1510
	Sergio's Pireh	EA	6/17/24 1350
	Analysa Swallow	EA	6/17/24 1350

ENTHALPY ANALYTICAL				Chain of Custody Record		Turn Around Time (rush by advanced notice only)									
Lab No: 510406		Page: 4 of 5		Standard:		5 Day:		3 Day:							
Matrix: A = Air S = Soil/Solid		W = Water DW = Drinking Water SD = Sediment		1 Day:		1 Day:		Custom TAT:							
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		Sample Receipt Temp:							
4 = H ₂ SO ₄ 5 = NaOH 6 = Other		(lab use only)													
CUSTOMER INFORMATION Company: Millennium Consulting Associates Report To: Parya Saneipoor Email: psaneipoor@mecaenviro.com Address: 4683 Chabot Drive Suite 380 Phone: (925)-808-6700 Fax:				PROJECT INFORMATION Name: Cornelius Harris, Parya Saneipoor Number: 12060.2010 P.O. #: PS061224 Address: Fairfax High School 7850 Melrose Ave., Los Angeles Global ID: Sampled By: Cornelius Harris				Analysis Request Arsenic (6020) ☐ Lead (6010B) ☐ OCP (8081A) ☐ Asbestos (PLM) ☐ Title 22 Metals (6010B/7471) ☐ VOCs (8260B) ☐ TPH (8015B) ☐ PCBs (8082) ☐ Hex. Cr (3060A/7199) ☐ PAHs (8270C) ☐ Hold ☐				Test Instructions / Comments Standard TAT			
1	EB-061424	6/14/24	1145	W	3	Y									
2	TB-061424		0800	W	2	Y									
3	DL12-1		1145	S	2	N									
4	DL12-3		1150	S	2	N									
5	SB15-1		1205	S	3	N									
6	SB15-3		1210	S	2	N									
7	SB15-5		1215	S	3	N									
8	DL7-1		1220	S	3	N									
9	DL7-3		1225	S	2	N									
10	DL7-3 DUP		1227	S	2	N									
Signature		Print Name		Company / Title		Date / Time									
1 Relinquished By:	<i>[Signature]</i>	Parya Adams		MECA		6/14/24 1510									
1 Received By:	<i>[Signature]</i>	Sargis Breen		BA		6/14/24 1510									
2 Relinquished By:	<i>[Signature]</i>	Sargis Breen		BA		6/17/24 1350									
2 Received By:	<i>[Signature]</i>	Annette S. Sullivan		BA		6/17/24 1350									
3 Relinquished By:															
3 Received By:															

		Chain of Custody Record		Turn Around Time (rush by advanced notice only)							
		Lab No: S0406	Page: 5 of 5	Standard:	5 Day:	3 Day:					
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: = HCl 3 = HNO₃ 4 = H₂SO₄ 5 = NaOH 6 = Other		1 = Na₂S₂O₃ 2		Sample Receipt Temp: (lab use only)					
								Analysis Request Asbestos (PLM) Asbestos (6020) Lead (6010B) OCF (8081A) Asbestos (PLM) Title 22 Metals (6010B/7471) VOCs (8260B) TPH (8015B) PCBs (8082) Hex. Cr (3060A/7199) PAHs (8270C) Hold			
										Test Instructions / Comments Standard TAT	
PROJECT INFORMATION		CUSTOMER INFORMATION									
Company: Millennium Consulting Associates		Name: Cornelius Harris, Parya Saneipoor									
Report To: Parya Saneipoor		Number: 12060.2010									
Email: psaneipoor@mecaenviro.com		P.O. #: P5061224									
Address: 4683 Chabot Drive Suite 380		Address: Fairfax High School									
Phone: (925)-808-6700		Global ID:									
Fax:		Sampled By: Cornelius Harris									
Sample ID		Sampling Date		Sampling Time		Matrix		Container No. / Size		Pres.	
1 DLG-1		6/14		1240		S		2		N	
2 DLG-3		↓		1245		S		2		N	
3 DL3-1		↓		1255		S		2		N	
4 DL3-3		↓		1300		S		2		N	
5											
6											
7											
8											
9											
10											
Signature		Print Name		Company / Title		Date / Time					
1 Relinquished By: <i>[Signature]</i>		Rye Adams		MECA		6/14/24		1510			
1 Received By: <i>[Signature]</i>		Sergis Pina		EA		6/14/24		1510			
2 Relinquished By: <i>[Signature]</i>		Sergis Pina		EA		6/17/24		1350			
2 Received By: <i>[Signature]</i>		Rye Adams		EA		6/17/24		1350			
3 Relinquished By: <i>[Signature]</i>		Rye Adams		EA		6/17/24		1350			
3 Received By: <i>[Signature]</i>		Rye Adams		EA		6/17/24		1350			



ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Millenium Consulting Associates

Project: LAUSD Fairfax HS

Date Received: 6/17/24

Sampler's Name Present: ☒ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☒ Yes, How many? 3 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 3.6 #2: 4.2 #3: 3.3 #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: 1.3 #2: 2.1 #3: 1.4 #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

510406

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: 6/17/24

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

[External] - RE: LAUSD FAIRFAX - Enthalpy Login Summary (510406)

Parya Saneipoor <psaneipoor@mecaenviro.com>

Mon 6/17/2024 4:45 PM

To: Patty Mata <patty.mata@enthalpy.com>; Cornelius Harris <charris@mecaenviro.com>; Ryne Adams <radams@mecaenviro.com>

Cc: John Bird <jbird@mecaenviro.com>

Hello,

Thank you for logging the samples.

Please add Hexavalent **Chromium** and **PCBs** to the two samples for analysis. They are missing from our COC :

- SB5-1
- SB11-1

Regards,

From: Enthalpy Orange Sample Control <sample.control.orange@enthalpy.com>

Sent: Monday, June 17, 2024 4:18 PM

To: Cornelius Harris <charris@mecaenviro.com>; Parya Saneipoor <psaneipoor@mecaenviro.com>

Subject: LAUSD FAIRFAX - Enthalpy Login Summary (510406)

Enthalpy Login Summary (510406) for the 6/14/24 sample set.

 Enthalpy Analytical - Orange

Enthalpy Login Summary for 510406

Project: LAUSD FAIRFAX

Site: LAUSD Fairfax HS, 12060.2010

Lab Login #: 510406

Report Level: II

PO#: PS061224

Lab Proj Mgr: [Patty Mata](#)

TAT: 10 business days

Report To: Millenium Consulting Associates
4683 Chabot Drive, Suite 380
Pleasanton, CA 94588
ATTN: Parya Saneipoor
925-808-6700

Bill To: Millenium Consulting Associates
401 Roland Way, Suite 250
Oakland, CA 94621
ATTN: Parya Saneipoor
925-808-6700

Client ID	Lab ID	Sampled	Received	COC #	Basis	Matrix	Analyses	Comments
SB5-1	001	06/14/24 07:10	06/14/24		as received	Soil Soil Soil Soil	EPA 6010 Lead EPA 6020 Arsenic EPA 8081 Pesticides Asbestos by PLM	Subcontracted to AmeriSci.
SB5-3	002	06/14/24 07:15	06/14/24		as received	Soil Soil Soil	EPA 6010 Lead EPA 6020 Arsenic EPA 8081 Pesticides	
SB6-1	003	06/14/24 07:30	06/14/24		as received	Soil Soil Soil	EPA 6010/7471 CA Title 22 Metals EPA 8081 Pesticides EPA 8260 Volatile Organics [5035]	
SB6-3	004	06/14/24 07:35	06/14/24		as received	Soil Soil Soil	EPA 6010/7471 CA Title 22 Metals EPA 8081 Pesticides EPA 8260 Volatile Organics [5035]	
SB6-5	005	06/14/24 07:36	06/14/24		as received	Soil	Hold	
SB8-1	006	06/14/24 07:55	06/14/24		as received	Soil Soil Soil	EPA 6010 Lead EPA 6020 Arsenic EPA 8081 Pesticides	
SB8-1DUP	007	06/14/24 07:57	06/14/24		as received	Soil Soil Soil	EPA 6010 Lead EPA 6020 Arsenic EPA 8081 Pesticides	
SB8-3	008	06/14/24 08:00	06/14/24		as received	Soil	EPA 6010 Lead	

Analysis Results for 510406

Parya Saneipoor
Millenium Consulting Associates
4683 Chabot Drive, Suite 380
Pleasanton, CA 94588

Lab Job #: 510406
Project No: LAUSD FAIRFAX
Location: LAUSD Fairfax HS, 12060.2010
Date Received: 06/14/24

Sample ID: SB5-1
Lab ID: 510406-001
Collected: 06/14/24 07:10
Matrix: Soil

510406-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	17		mg/Kg	0.96	0.96	342992	06/17/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	4.7		mg/Kg	0.96	0.96	342993	06/17/24	06/18/24	DXC
Method: EPA 7199 Prep Method: EPA 3060A									
Hexavalent Chromium	0.51		mg/Kg	0.40	1	343404	06/21/24 13:28	06/25/24 04:49	AJL
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
beta-BHC	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
gamma-BHC	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
delta-BHC	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
Heptachlor	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
Aldrin	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
Endosulfan I	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
Dieldrin	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
Endrin	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
Endosulfan II	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
Endosulfan sulfate	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
4,4'-DDD	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
Endrin ketone	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
Methoxychlor	ND		ug/Kg	10	1	343190	06/19/24	06/21/24	MES
Toxaphene	ND		ug/Kg	100	1	343190	06/19/24	06/21/24	MES
Chlordane (Technical)	ND		ug/Kg	51	1	343190	06/19/24	06/21/24	MES
Surrogates				Limits					
TCMX	60%		%REC	23-120	1	343190	06/19/24	06/21/24	MES
Decachlorobiphenyl	74%		%REC	24-120	1	343190	06/19/24	06/21/24	MES
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	51	1	343190	06/19/24	06/21/24	MES
Aroclor-1221	ND		ug/Kg	51	1	343190	06/19/24	06/21/24	MES
Aroclor-1232	ND		ug/Kg	51	1	343190	06/19/24	06/21/24	MES
Aroclor-1242	ND		ug/Kg	51	1	343190	06/19/24	06/21/24	MES
Aroclor-1248	ND		ug/Kg	51	1	343190	06/19/24	06/21/24	MES
Aroclor-1254	ND		ug/Kg	51	1	343190	06/19/24	06/21/24	MES

Analysis Results for 510406

510406-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Aroclor-1260	ND		ug/Kg	51	1	343190	06/19/24	06/21/24	MES
Aroclor-1262	ND		ug/Kg	51	1	343190	06/19/24	06/21/24	MES
Aroclor-1268	ND		ug/Kg	51	1	343190	06/19/24	06/21/24	MES
Surrogates			Limits						
Decachlorobiphenyl (PCB)	71%		%REC	19-121	1	343190	06/19/24	06/21/24	MES

Sample ID: SB5-3
Lab ID: 510406-002
Collected: 06/14/24 07:15
Matrix: Soil

510406-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	11		mg/Kg	0.99	0.99	342992	06/17/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	4.4		mg/Kg	0.99	0.99	342993	06/17/24	06/18/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
beta-BHC	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
gamma-BHC	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
delta-BHC	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
Heptachlor	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
Aldrin	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
Endosulfan I	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
Dieldrin	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
4,4'-DDE	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
Endrin	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
Endosulfan II	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
4,4'-DDD	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
Endrin aldehyde	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
Endrin ketone	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
4,4'-DDT	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
Methoxychlor	ND		ug/Kg	9.9	0.99	343086	06/18/24	06/19/24	KLR
Toxaphene	ND		ug/Kg	99	0.99	343086	06/18/24	06/19/24	KLR
Chlordane (Technical)	ND		ug/Kg	50	0.99	343086	06/18/24	06/19/24	KLR
Surrogates			Limits						
TCMX	97%		%REC	23-120	0.99	343086	06/18/24	06/19/24	KLR
Decachlorobiphenyl	105%		%REC	24-120	0.99	343086	06/18/24	06/19/24	KLR

Analysis Results for 510406

Sample ID: SB6-1
Lab ID: 510406-003
Collected: 06/14/24 07:30
Matrix: Soil

510406-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.97	342992	06/17/24	06/18/24	DXC
Arsenic	3.4		mg/Kg	0.97	0.97	342992	06/17/24	06/18/24	DXC
Barium	120		mg/Kg	0.97	0.97	342992	06/17/24	06/18/24	DXC
Beryllium	0.70		mg/Kg	0.49	0.97	342992	06/17/24	06/18/24	DXC
Cadmium	ND		mg/Kg	0.49	0.97	342992	06/17/24	06/18/24	DXC
Chromium	62		mg/Kg	0.97	0.97	342992	06/17/24	06/18/24	DXC
Cobalt	18		mg/Kg	0.49	0.97	342992	06/17/24	06/18/24	DXC
Copper	31		mg/Kg	0.97	0.97	342992	06/17/24	06/18/24	DXC
Lead	37		mg/Kg	0.97	0.97	342992	06/17/24	06/18/24	DXC
Molybdenum	ND		mg/Kg	0.97	0.97	342992	06/17/24	06/18/24	DXC
Nickel	38		mg/Kg	0.97	0.97	342992	06/17/24	06/18/24	DXC
Selenium	ND		mg/Kg	2.9	0.97	342992	06/17/24	06/18/24	DXC
Silver	ND		mg/Kg	0.49	0.97	342992	06/17/24	06/18/24	DXC
Thallium	ND		mg/Kg	2.9	0.97	342992	06/17/24	06/18/24	DXC
Vanadium	73		mg/Kg	0.97	0.97	342992	06/17/24	06/18/24	DXC
Zinc	91		mg/Kg	4.9	0.97	342992	06/17/24	06/18/24	DXC
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.17	1.2	343156	06/19/24	06/19/24	MLL
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	9.8	2	343086	06/18/24	06/19/24	KLR
beta-BHC	ND		ug/Kg	9.8	2	343086	06/18/24	06/19/24	KLR
gamma-BHC	ND		ug/Kg	9.8	2	343086	06/18/24	06/19/24	KLR
delta-BHC	ND		ug/Kg	9.8	2	343086	06/18/24	06/19/24	KLR
Heptachlor	ND		ug/Kg	9.8	2	343086	06/18/24	06/19/24	KLR
Aldrin	ND		ug/Kg	9.8	2	343086	06/18/24	06/19/24	KLR
Heptachlor epoxide	ND		ug/Kg	9.8	2	343086	06/18/24	06/19/24	KLR
Endosulfan I	ND		ug/Kg	9.8	2	343086	06/18/24	06/19/24	KLR
Dieldrin	ND		ug/Kg	9.8	2	343086	06/18/24	06/19/24	KLR
4,4'-DDE	ND		ug/Kg	9.8	2	343086	06/18/24	06/19/24	KLR
Endrin	ND		ug/Kg	9.8	2	343086	06/18/24	06/19/24	KLR
Endosulfan II	ND		ug/Kg	9.8	2	343086	06/18/24	06/19/24	KLR
Endosulfan sulfate	ND		ug/Kg	9.8	2	343086	06/18/24	06/19/24	KLR
4,4'-DDD	ND		ug/Kg	9.8	2	343086	06/18/24	06/19/24	KLR
Endrin aldehyde	ND		ug/Kg	9.8	2	343086	06/18/24	06/19/24	KLR
Endrin ketone	ND		ug/Kg	9.8	2	343086	06/18/24	06/19/24	KLR
4,4'-DDT	ND		ug/Kg	9.8	2	343086	06/18/24	06/19/24	KLR
Methoxychlor	ND		ug/Kg	20	2	343086	06/18/24	06/19/24	KLR
Toxaphene	ND		ug/Kg	200	2	343086	06/18/24	06/19/24	KLR
Chlordane (Technical)	ND		ug/Kg	98	2	343086	06/18/24	06/19/24	KLR
Surrogates	Limits								
TCMX	90%		%REC	23-120	2	343086	06/18/24	06/19/24	KLR
Decachlorobiphenyl	95%		%REC	24-120	2	343086	06/18/24	06/19/24	KLR

Analysis Results for 510406

510406-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B									
Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
Freon 12	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
Chloromethane	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
Vinyl Chloride	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
Bromomethane	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
Chloroethane	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
Trichlorofluoromethane	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
Acetone	ND		ug/Kg	58	0.58	343813	06/27/24	06/27/24	TCN
Freon 113	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
1,1-Dichloroethene	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
Methylene Chloride	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
MTBE	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
1,1-Dichloroethane	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
2-Butanone	ND		ug/Kg	58	0.58	343813	06/27/24	06/27/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
2,2-Dichloropropane	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
Chloroform	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
Bromochloromethane	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
1,1-Dichloropropene	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
Carbon Tetrachloride	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
1,2-Dichloroethane	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
Benzene	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
Trichloroethene	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
1,2-Dichloropropane	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
Bromodichloromethane	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
Dibromomethane	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
4-Methyl-2-Pentanone	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
Toluene	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
1,3-Dichloropropane	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
Tetrachloroethene	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
Dibromochloromethane	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
1,2-Dibromoethane	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
Chlorobenzene	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
Ethylbenzene	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
m,p-Xylenes	ND		ug/Kg	5.8	0.58	343813	06/27/24	06/27/24	TCN
o-Xylene	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
Styrene	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
Bromoform	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
Isopropylbenzene	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
Propylbenzene	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN

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

Analysis Results for 510406

510406-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Bromobenzene	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
2-Chlorotoluene	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
4-Chlorotoluene	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
tert-Butylbenzene	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
sec-Butylbenzene	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
n-Butylbenzene	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
Hexachlorobutadiene	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
Naphthalene	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
Xylene (total)	ND		ug/Kg	2.9	0.58	343813	06/27/24	06/27/24	TCN
Surrogates				Limits					
Dibromofluoromethane	105%		%REC	70-145	0.58	343813	06/27/24	06/27/24	TCN
1,2-Dichloroethane-d4	108%		%REC	70-145	0.58	343813	06/27/24	06/27/24	TCN
Toluene-d8	99%		%REC	70-145	0.58	343813	06/27/24	06/27/24	TCN
Bromofluorobenzene	108%		%REC	70-145	0.58	343813	06/27/24	06/27/24	TCN

Analysis Results for 510406

Sample ID: SB6-3
Lab ID: 510406-004
Collected: 06/14/24 07:35
Matrix: Soil

510406-004 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	342992	06/17/24	06/18/24	DXC
Arsenic	3.2		mg/Kg	0.99	0.99	342992	06/17/24	06/18/24	DXC
Barium	110		mg/Kg	0.99	0.99	342992	06/17/24	06/18/24	DXC
Beryllium	0.70		mg/Kg	0.50	0.99	342992	06/17/24	06/18/24	DXC
Cadmium	ND		mg/Kg	0.50	0.99	342992	06/17/24	06/18/24	DXC
Chromium	62		mg/Kg	0.99	0.99	342992	06/17/24	06/18/24	DXC
Cobalt	19		mg/Kg	0.50	0.99	342992	06/17/24	06/18/24	DXC
Copper	28		mg/Kg	0.99	0.99	342992	06/17/24	06/18/24	DXC
Lead	16		mg/Kg	0.99	0.99	342992	06/17/24	06/18/24	DXC
Molybdenum	ND		mg/Kg	0.99	0.99	342992	06/17/24	06/18/24	DXC
Nickel	40		mg/Kg	0.99	0.99	342992	06/17/24	06/18/24	DXC
Selenium	ND		mg/Kg	3.0	0.99	342992	06/17/24	06/18/24	DXC
Silver	ND		mg/Kg	0.50	0.99	342992	06/17/24	06/18/24	DXC
Thallium	ND		mg/Kg	3.0	0.99	342992	06/17/24	06/18/24	DXC
Vanadium	70		mg/Kg	0.99	0.99	342992	06/17/24	06/18/24	DXC
Zinc	100		mg/Kg	5.0	0.99	342992	06/17/24	06/18/24	DXC
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	343156	06/19/24	06/19/24	MLL
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
beta-BHC	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
gamma-BHC	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
delta-BHC	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Heptachlor	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Aldrin	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Heptachlor epoxide	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Endosulfan I	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Dieldrin	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
4,4'-DDE	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Endrin	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Endosulfan II	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Endosulfan sulfate	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
4,4'-DDD	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Endrin aldehyde	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Endrin ketone	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
4,4'-DDT	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Methoxychlor	ND		ug/Kg	20	2	343086	06/18/24	06/19/24	KLR
Toxaphene	ND		ug/Kg	200	2	343086	06/18/24	06/19/24	KLR
Chlordane (Technical)	ND		ug/Kg	100	2	343086	06/18/24	06/19/24	KLR
Surrogates	Limits								
TCMX	94%		%REC	23-120	2	343086	06/18/24	06/19/24	KLR
Decachlorobiphenyl	103%		%REC	24-120	2	343086	06/18/24	06/19/24	KLR

Analysis Results for 510406

510406-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B									
Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
Freon 12	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
Chloromethane	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
Vinyl Chloride	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
Bromomethane	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
Chloroethane	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
Trichlorofluoromethane	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
Acetone	ND		ug/Kg	55	0.55	343813	06/27/24	06/27/24	TCN
Freon 113	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
1,1-Dichloroethene	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
Methylene Chloride	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
MTBE	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
1,1-Dichloroethane	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
2-Butanone	ND		ug/Kg	55	0.55	343813	06/27/24	06/27/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
2,2-Dichloropropane	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
Chloroform	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
Bromochloromethane	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
1,1-Dichloropropene	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
Carbon Tetrachloride	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
1,2-Dichloroethane	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
Benzene	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
Trichloroethene	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
1,2-Dichloropropane	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
Bromodichloromethane	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
Dibromomethane	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
4-Methyl-2-Pentanone	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
Toluene	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
1,3-Dichloropropane	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
Tetrachloroethene	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
Dibromochloromethane	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
1,2-Dibromoethane	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
Chlorobenzene	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
Ethylbenzene	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
m,p-Xylenes	ND		ug/Kg	5.5	0.55	343813	06/27/24	06/27/24	TCN
o-Xylene	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
Styrene	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
Bromoform	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
Isopropylbenzene	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
Propylbenzene	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN

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

Analysis Results for 510406

510406-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Bromobenzene	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
2-Chlorotoluene	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
4-Chlorotoluene	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
tert-Butylbenzene	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
sec-Butylbenzene	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
n-Butylbenzene	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
Hexachlorobutadiene	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
Naphthalene	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
Xylene (total)	ND		ug/Kg	2.7	0.55	343813	06/27/24	06/27/24	TCN
Surrogates			Limits						
Dibromofluoromethane	102%		%REC	70-145	0.55	343813	06/27/24	06/27/24	TCN
1,2-Dichloroethane-d4	109%		%REC	70-145	0.55	343813	06/27/24	06/27/24	TCN
Toluene-d8	101%		%REC	70-145	0.55	343813	06/27/24	06/27/24	TCN
Bromofluorobenzene	107%		%REC	70-145	0.55	343813	06/27/24	06/27/24	TCN

Analysis Results for 510406

Sample ID: SB8-1	Lab ID: 510406-006	Collected: 06/14/24 07:55
Matrix: Soil		

510406-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	20		mg/Kg	0.98	0.98	342992	06/17/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	4.0		mg/Kg	0.98	0.98	342993	06/17/24	06/18/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
beta-BHC	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
gamma-BHC	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
delta-BHC	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
Heptachlor	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
Aldrin	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
Heptachlor epoxide	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
Endosulfan I	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
Dieldrin	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
4,4'-DDE	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
Endrin	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
Endosulfan II	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
Endosulfan sulfate	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
4,4'-DDD	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
Endrin aldehyde	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
Endrin ketone	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
4,4'-DDT	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
Methoxychlor	ND		ug/Kg	20	2	343086	06/18/24	06/19/24	KLR
Toxaphene	ND		ug/Kg	200	2	343086	06/18/24	06/19/24	KLR
Chlordane (Technical)	ND		ug/Kg	99	2	343086	06/18/24	06/19/24	KLR
Surrogates	Limits								
TCMX	91%		%REC	23-120	2	343086	06/18/24	06/19/24	KLR
Decachlorobiphenyl	96%		%REC	24-120	2	343086	06/18/24	06/19/24	KLR

Analysis Results for 510406

Sample ID: SB8-1DUP
Lab ID: 510406-007
Collected: 06/14/24 07:57
Matrix: Soil

510406-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	24		mg/Kg	0.95	0.95	342992	06/17/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	4.5		mg/Kg	0.95	0.95	342993	06/17/24	06/18/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
beta-BHC	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
gamma-BHC	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
delta-BHC	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
Heptachlor	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
Aldrin	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
Heptachlor epoxide	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
Endosulfan I	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
Dieldrin	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
4,4'-DDE	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
Endrin	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
Endosulfan II	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
Endosulfan sulfate	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
4,4'-DDD	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
Endrin aldehyde	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
Endrin ketone	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
4,4'-DDT	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
Methoxychlor	ND		ug/Kg	20	2	343086	06/18/24	06/19/24	KLR
Toxaphene	ND		ug/Kg	200	2	343086	06/18/24	06/19/24	KLR
Chlordane (Technical)	ND		ug/Kg	99	2	343086	06/18/24	06/19/24	KLR
Surrogates	Limits								
TCMX	96%		%REC	23-120	2	343086	06/18/24	06/19/24	KLR
Decachlorobiphenyl	112%		%REC	24-120	2	343086	06/18/24	06/19/24	KLR

Analysis Results for 510406

Sample ID: SB8-3	Lab ID: 510406-008	Collected: 06/14/24 08:00
	Matrix: Soil	

510406-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	23		mg/Kg	0.99	0.99	342992	06/17/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	10		mg/Kg	0.99	0.99	342993	06/17/24	06/18/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
beta-BHC	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
gamma-BHC	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
delta-BHC	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Heptachlor	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Aldrin	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Heptachlor epoxide	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Endosulfan I	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Dieldrin	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
4,4'-DDE	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Endrin	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Endosulfan II	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Endosulfan sulfate	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
4,4'-DDD	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Endrin aldehyde	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Endrin ketone	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
4,4'-DDT	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Methoxychlor	ND		ug/Kg	20	2	343086	06/18/24	06/19/24	KLR
Toxaphene	ND		ug/Kg	200	2	343086	06/18/24	06/19/24	KLR
Chlordane (Technical)	ND		ug/Kg	100	2	343086	06/18/24	06/19/24	KLR
Surrogates	Limits								
TCMX	98%		%REC	23-120	2	343086	06/18/24	06/19/24	KLR
Decachlorobiphenyl	97%		%REC	24-120	2	343086	06/18/24	06/19/24	KLR

Analysis Results for 510406

Sample ID: SB7-1
Lab ID: 510406-010
Collected: 06/14/24 08:20
Matrix: Soil

510406-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	27		mg/Kg	0.95	0.95	342992	06/17/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	5.8		mg/Kg	0.95	0.95	342993	06/17/24	06/18/24	DXC
Method: EPA 7199 Prep Method: EPA 3060A									
Hexavalent Chromium	ND		mg/Kg	0.40	1	343404	06/21/24 13:28	06/25/24 05:00	AJL
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
beta-BHC	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
gamma-BHC	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
delta-BHC	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
Heptachlor	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
Aldrin	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
Endosulfan I	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
Dieldrin	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
Endrin	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
Endosulfan II	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
Endosulfan sulfate	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
4,4'-DDD	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
Endrin ketone	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
Methoxychlor	ND		ug/Kg	10	1	343190	06/19/24	06/21/24	MES
Toxaphene	ND		ug/Kg	100	1	343190	06/19/24	06/21/24	MES
Chlordane (Technical)	ND		ug/Kg	51	1	343190	06/19/24	06/21/24	MES
Surrogates				Limits					
TCMX	92%		%REC	23-120	1	343190	06/19/24	06/21/24	MES
Decachlorobiphenyl	108%		%REC	24-120	1	343190	06/19/24	06/21/24	MES
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	51	1	343190	06/19/24	06/21/24	MES
Aroclor-1221	ND		ug/Kg	51	1	343190	06/19/24	06/21/24	MES
Aroclor-1232	ND		ug/Kg	51	1	343190	06/19/24	06/21/24	MES
Aroclor-1242	ND		ug/Kg	51	1	343190	06/19/24	06/21/24	MES
Aroclor-1248	ND		ug/Kg	51	1	343190	06/19/24	06/21/24	MES
Aroclor-1254	ND		ug/Kg	51	1	343190	06/19/24	06/21/24	MES
Aroclor-1260	ND		ug/Kg	51	1	343190	06/19/24	06/21/24	MES
Aroclor-1262	ND		ug/Kg	51	1	343190	06/19/24	06/21/24	MES
Aroclor-1268	ND		ug/Kg	51	1	343190	06/19/24	06/21/24	MES
Surrogates				Limits					
Decachlorobiphenyl (PCB)	110%		%REC	19-121	1	343190	06/19/24	06/21/24	MES

Analysis Results for 510406

Sample ID: SB7-3
Lab ID: 510406-011
Collected: 06/14/24 08:25
Matrix: Soil

510406-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	4.3		mg/Kg	0.99	0.99	342992	06/17/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.4		mg/Kg	0.99	0.99	342993	06/17/24	06/18/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
beta-BHC	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
gamma-BHC	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
delta-BHC	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
Heptachlor	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
Aldrin	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
Endosulfan I	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
Dieldrin	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
4,4'-DDE	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
Endrin	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
Endosulfan II	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
4,4'-DDD	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
Endrin aldehyde	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
Endrin ketone	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
4,4'-DDT	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
Methoxychlor	ND		ug/Kg	10	1	343086	06/18/24	06/19/24	KLR
Toxaphene	ND		ug/Kg	100	1	343086	06/18/24	06/19/24	KLR
Chlordane (Technical)	ND		ug/Kg	50	1	343086	06/18/24	06/19/24	KLR
Surrogates	Limits								
TCMX	94%		%REC	23-120	1	343086	06/18/24	06/19/24	KLR
Decachlorobiphenyl	110%		%REC	24-120	1	343086	06/18/24	06/19/24	KLR

Analysis Results for 510406

Sample ID: DL19-1
Lab ID: 510406-013
Collected: 06/14/24 08:40
Matrix: Soil

510406-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	26		mg/Kg	0.97	0.97	342992	06/17/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	4.2		mg/Kg	0.97	0.97	342993	06/17/24	06/18/24	DXC
Method: EPA 7199 Prep Method: EPA 3060A									
Hexavalent Chromium	0.50		mg/Kg	0.40	1	343404	06/21/24 13:28	06/25/24 05:33	AJL
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	KLR
beta-BHC	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	KLR
gamma-BHC	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	KLR
delta-BHC	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	KLR
Heptachlor	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	KLR
Aldrin	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	KLR
Endosulfan I	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	KLR
Dieldrin	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	KLR
4,4'-DDE	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	KLR
Endrin	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	KLR
Endosulfan II	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	KLR
4,4'-DDD	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	KLR
Endrin aldehyde	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	KLR
Endrin ketone	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	KLR
4,4'-DDT	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	KLR
Methoxychlor	ND		ug/Kg	10	1	343190	06/19/24	06/21/24	KLR
Toxaphene	ND		ug/Kg	100	1	343190	06/19/24	06/21/24	KLR
Chlordane (Technical)	ND		ug/Kg	51	1	343190	06/19/24	06/21/24	KLR
Surrogates			Limits						
TCMX	86%		%REC	23-120	1	343190	06/19/24	06/21/24	KLR
Decachlorobiphenyl	113%		%REC	24-120	1	343190	06/19/24	06/21/24	KLR
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	51	1	343190	06/19/24	06/21/24	KLR
Aroclor-1221	ND		ug/Kg	51	1	343190	06/19/24	06/21/24	KLR
Aroclor-1232	ND		ug/Kg	51	1	343190	06/19/24	06/21/24	KLR
Aroclor-1242	ND		ug/Kg	51	1	343190	06/19/24	06/21/24	KLR
Aroclor-1248	ND		ug/Kg	51	1	343190	06/19/24	06/21/24	KLR
Aroclor-1254	ND		ug/Kg	51	1	343190	06/19/24	06/21/24	KLR
Aroclor-1260	ND		ug/Kg	51	1	343190	06/19/24	06/21/24	KLR
Aroclor-1262	ND		ug/Kg	51	1	343190	06/19/24	06/21/24	KLR
Aroclor-1268	ND		ug/Kg	51	1	343190	06/19/24	06/21/24	KLR
Surrogates			Limits						
Decachlorobiphenyl (PCB)	112%		%REC	19-121	1	343190	06/19/24	06/21/24	KLR

Analysis Results for 510406

Sample ID: DL19-3
Lab ID: 510406-014
Collected: 06/14/24 08:45
Matrix: Soil

510406-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	13		mg/Kg	0.98	0.98	342992	06/17/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.6		mg/Kg	0.98	0.98	342993	06/17/24	06/18/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
beta-BHC	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
gamma-BHC	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
delta-BHC	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Heptachlor	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Aldrin	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Heptachlor epoxide	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Endosulfan I	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Dieldrin	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
4,4'-DDE	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Endrin	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Endosulfan II	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Endosulfan sulfate	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
4,4'-DDD	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Endrin aldehyde	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Endrin ketone	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
4,4'-DDT	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Methoxychlor	ND		ug/Kg	20	2	343086	06/18/24	06/19/24	KLR
Toxaphene	ND		ug/Kg	200	2	343086	06/18/24	06/19/24	KLR
Chlordane (Technical)	ND		ug/Kg	100	2	343086	06/18/24	06/19/24	KLR
Surrogates	Limits								
TCMX	89%		%REC	23-120	2	343086	06/18/24	06/19/24	KLR
Decachlorobiphenyl	95%		%REC	24-120	2	343086	06/18/24	06/19/24	KLR

Analysis Results for 510406

Sample ID: SB9-1
Lab ID: 510406-015
Collected: 06/14/24 08:55
Matrix: Soil

510406-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	37		mg/Kg	0.96	0.96	342992	06/17/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.9		mg/Kg	0.96	0.96	342993	06/17/24	06/18/24	DXC
Method: EPA 7199 Prep Method: EPA 3060A									
Hexavalent Chromium	0.76		mg/Kg	0.39	0.97	343404	06/21/24 13:28	06/25/24 05:44	AJL
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
beta-BHC	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
gamma-BHC	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
delta-BHC	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Heptachlor	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Aldrin	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Endosulfan I	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Dieldrin	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
4,4'-DDE	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Endrin	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Endosulfan II	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
4,4'-DDD	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Endrin aldehyde	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Endrin ketone	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
4,4'-DDT	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Methoxychlor	ND		ug/Kg	10	1	343190	06/19/24	06/20/24	KLR
Toxaphene	ND		ug/Kg	100	1	343190	06/19/24	06/20/24	KLR
Chlordane (Technical)	ND		ug/Kg	51	1	343190	06/19/24	06/20/24	KLR
Surrogates			Limits						
TCMX	90%		%REC	23-120	1	343190	06/19/24	06/20/24	KLR
Decachlorobiphenyl	97%		%REC	24-120	1	343190	06/19/24	06/20/24	KLR
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	51	1	343190	06/19/24	06/20/24	KLR
Aroclor-1221	ND		ug/Kg	51	1	343190	06/19/24	06/20/24	KLR
Aroclor-1232	ND		ug/Kg	51	1	343190	06/19/24	06/20/24	KLR
Aroclor-1242	ND		ug/Kg	51	1	343190	06/19/24	06/20/24	KLR
Aroclor-1248	ND		ug/Kg	51	1	343190	06/19/24	06/20/24	KLR
Aroclor-1254	ND		ug/Kg	51	1	343190	06/19/24	06/20/24	KLR
Aroclor-1260	ND		ug/Kg	51	1	343190	06/19/24	06/20/24	KLR
Aroclor-1262	ND		ug/Kg	51	1	343190	06/19/24	06/20/24	KLR
Aroclor-1268	ND		ug/Kg	51	1	343190	06/19/24	06/20/24	KLR
Surrogates			Limits						
Decachlorobiphenyl (PCB)	98%		%REC	19-121	1	343190	06/19/24	06/20/24	KLR

Analysis Results for 510406

Sample ID: SB9-3	Lab ID: 510406-016	Collected: 06/14/24 08:58
Matrix: Soil		

510406-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	13		mg/Kg	0.97	0.97	342992	06/17/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	1.6		mg/Kg	0.97	0.97	342993	06/17/24	06/18/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	4.9	0.98	343086	06/18/24	06/19/24	KLR
beta-BHC	ND		ug/Kg	4.9	0.98	343086	06/18/24	06/19/24	KLR
gamma-BHC	ND		ug/Kg	4.9	0.98	343086	06/18/24	06/19/24	KLR
delta-BHC	ND		ug/Kg	4.9	0.98	343086	06/18/24	06/19/24	KLR
Heptachlor	ND		ug/Kg	4.9	0.98	343086	06/18/24	06/19/24	KLR
Aldrin	ND		ug/Kg	4.9	0.98	343086	06/18/24	06/19/24	KLR
Heptachlor epoxide	ND		ug/Kg	4.9	0.98	343086	06/18/24	06/19/24	KLR
Endosulfan I	ND		ug/Kg	4.9	0.98	343086	06/18/24	06/19/24	KLR
Dieldrin	ND		ug/Kg	4.9	0.98	343086	06/18/24	06/19/24	KLR
4,4'-DDE	ND		ug/Kg	4.9	0.98	343086	06/18/24	06/19/24	KLR
Endrin	ND		ug/Kg	4.9	0.98	343086	06/18/24	06/19/24	KLR
Endosulfan II	ND		ug/Kg	4.9	0.98	343086	06/18/24	06/19/24	KLR
Endosulfan sulfate	ND		ug/Kg	4.9	0.98	343086	06/18/24	06/19/24	KLR
4,4'-DDD	ND		ug/Kg	4.9	0.98	343086	06/18/24	06/19/24	KLR
Endrin aldehyde	ND		ug/Kg	4.9	0.98	343086	06/18/24	06/19/24	KLR
Endrin ketone	ND		ug/Kg	4.9	0.98	343086	06/18/24	06/19/24	KLR
4,4'-DDT	ND		ug/Kg	4.9	0.98	343086	06/18/24	06/19/24	KLR
Methoxychlor	ND		ug/Kg	9.8	0.98	343086	06/18/24	06/19/24	KLR
Toxaphene	ND		ug/Kg	98	0.98	343086	06/18/24	06/19/24	KLR
Chlordane (Technical)	ND		ug/Kg	49	0.98	343086	06/18/24	06/19/24	KLR
Surrogates	Limits								
TCMX	94%		%REC	23-120	0.98	343086	06/18/24	06/19/24	KLR
Decachlorobiphenyl	108%		%REC	24-120	0.98	343086	06/18/24	06/19/24	KLR

Analysis Results for 510406

Sample ID: DL18-1
Lab ID: 510406-018
Collected: 06/14/24 09:20
Matrix: Soil

510406-018 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	8.9		mg/Kg	0.99	0.99	342992	06/17/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.9		mg/Kg	0.99	0.99	342993	06/17/24	06/18/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
beta-BHC	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
gamma-BHC	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
delta-BHC	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
Heptachlor	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
Aldrin	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
Endosulfan I	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
Dieldrin	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
4,4'-DDE	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
Endrin	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
Endosulfan II	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
4,4'-DDD	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
Endrin aldehyde	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
Endrin ketone	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
4,4'-DDT	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
Methoxychlor	ND		ug/Kg	9.9	0.99	343086	06/18/24	06/19/24	KLR
Toxaphene	ND		ug/Kg	99	0.99	343086	06/18/24	06/19/24	KLR
Chlordane (Technical)	ND		ug/Kg	50	0.99	343086	06/18/24	06/19/24	KLR
Surrogates	Limits								
TCMX	95%		%REC	23-120	0.99	343086	06/18/24	06/19/24	KLR
Decachlorobiphenyl	101%		%REC	24-120	0.99	343086	06/18/24	06/19/24	KLR

Analysis Results for 510406

Sample ID: DL18-3
Lab ID: 510406-019
Collected: 06/14/24 09:25
Matrix: Soil

510406-019 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	15		mg/Kg	0.97	0.97	342992	06/17/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	3.6		mg/Kg	0.97	0.97	342993	06/17/24	06/19/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
beta-BHC	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
gamma-BHC	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
delta-BHC	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Heptachlor	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Aldrin	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Heptachlor epoxide	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Endosulfan I	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Dieldrin	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
4,4'-DDE	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Endrin	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Endosulfan II	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Endosulfan sulfate	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
4,4'-DDD	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Endrin aldehyde	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Endrin ketone	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
4,4'-DDT	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Methoxychlor	ND		ug/Kg	20	2	343086	06/18/24	06/19/24	KLR
Toxaphene	ND		ug/Kg	200	2	343086	06/18/24	06/19/24	KLR
Chlordane (Technical)	ND		ug/Kg	100	2	343086	06/18/24	06/19/24	KLR
Surrogates	Limits								
TCMX	94%		%REC	23-120	2	343086	06/18/24	06/19/24	KLR
Decachlorobiphenyl	102%		%REC	24-120	2	343086	06/18/24	06/19/24	KLR

Analysis Results for 510406

Sample ID: DL18-3DUP	Lab ID: 510406-020	Collected: 06/14/24 09:30
	Matrix: Soil	

510406-020 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	39		mg/Kg	1.0	1	342992	06/17/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.7		mg/Kg	1.0	1	342993	06/17/24	06/19/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
beta-BHC	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
gamma-BHC	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
delta-BHC	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
Heptachlor	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
Aldrin	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
Heptachlor epoxide	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
Endosulfan I	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
Dieldrin	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
4,4'-DDE	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
Endrin	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
Endosulfan II	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
Endosulfan sulfate	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
4,4'-DDD	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
Endrin aldehyde	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
Endrin ketone	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
4,4'-DDT	ND		ug/Kg	9.9	2	343086	06/18/24	06/19/24	KLR
Methoxychlor	ND		ug/Kg	20	2	343086	06/18/24	06/19/24	KLR
Toxaphene	ND		ug/Kg	200	2	343086	06/18/24	06/19/24	KLR
Chlordane (Technical)	ND		ug/Kg	99	2	343086	06/18/24	06/19/24	KLR
Surrogates	Limits								
TCMX	97%		%REC	23-120	2	343086	06/18/24	06/19/24	KLR
Decachlorobiphenyl	115%		%REC	24-120	2	343086	06/18/24	06/19/24	KLR

Analysis Results for 510406

Sample ID: SB10-1
Lab ID: 510406-021
Collected: 06/14/24 10:05
Matrix: Soil

510406-021 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	31		mg/Kg	0.98	0.98	343011	06/18/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.5		mg/Kg	0.98	0.98	343014	06/18/24	06/19/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	4.9	0.98	343086	06/18/24	06/19/24	KLR
beta-BHC	ND		ug/Kg	4.9	0.98	343086	06/18/24	06/19/24	KLR
gamma-BHC	ND		ug/Kg	4.9	0.98	343086	06/18/24	06/19/24	KLR
delta-BHC	ND		ug/Kg	4.9	0.98	343086	06/18/24	06/19/24	KLR
Heptachlor	ND		ug/Kg	4.9	0.98	343086	06/18/24	06/19/24	KLR
Aldrin	ND		ug/Kg	4.9	0.98	343086	06/18/24	06/19/24	KLR
Heptachlor epoxide	ND		ug/Kg	4.9	0.98	343086	06/18/24	06/19/24	KLR
Endosulfan I	ND		ug/Kg	4.9	0.98	343086	06/18/24	06/19/24	KLR
Dieldrin	ND		ug/Kg	4.9	0.98	343086	06/18/24	06/19/24	KLR
4,4'-DDE	ND		ug/Kg	4.9	0.98	343086	06/18/24	06/19/24	KLR
Endrin	ND		ug/Kg	4.9	0.98	343086	06/18/24	06/19/24	KLR
Endosulfan II	ND		ug/Kg	4.9	0.98	343086	06/18/24	06/19/24	KLR
Endosulfan sulfate	ND		ug/Kg	4.9	0.98	343086	06/18/24	06/19/24	KLR
4,4'-DDD	ND		ug/Kg	4.9	0.98	343086	06/18/24	06/19/24	KLR
Endrin aldehyde	ND		ug/Kg	4.9	0.98	343086	06/18/24	06/19/24	KLR
Endrin ketone	ND		ug/Kg	4.9	0.98	343086	06/18/24	06/19/24	KLR
4,4'-DDT	ND		ug/Kg	4.9	0.98	343086	06/18/24	06/19/24	KLR
Methoxychlor	ND		ug/Kg	9.8	0.98	343086	06/18/24	06/19/24	KLR
Toxaphene	ND		ug/Kg	98	0.98	343086	06/18/24	06/19/24	KLR
Chlordane (Technical)	ND		ug/Kg	49	0.98	343086	06/18/24	06/19/24	KLR
Surrogates	Limits								
TCMX	95%		%REC	23-120	0.98	343086	06/18/24	06/19/24	KLR
Decachlorobiphenyl	103%		%REC	24-120	0.98	343086	06/18/24	06/19/24	KLR

Analysis Results for 510406

Sample ID: SB10-1DUP	Lab ID: 510406-022	Collected: 06/14/24 10:06
	Matrix: Soil	

510406-022 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	9.9		mg/Kg	0.96	0.96	343011	06/18/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.9		mg/Kg	0.96	0.96	343014	06/18/24	06/19/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
beta-BHC	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
gamma-BHC	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
delta-BHC	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
Heptachlor	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
Aldrin	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
Endosulfan I	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
Dieldrin	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
4,4'-DDE	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
Endrin	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
Endosulfan II	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
4,4'-DDD	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
Endrin aldehyde	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
Endrin ketone	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
4,4'-DDT	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
Methoxychlor	ND		ug/Kg	10	1	343086	06/18/24	06/19/24	KLR
Toxaphene	ND		ug/Kg	100	1	343086	06/18/24	06/19/24	KLR
Chlordane (Technical)	ND		ug/Kg	50	1	343086	06/18/24	06/19/24	KLR
Surrogates	Limits								
TCMX	93%		%REC	23-120	1	343086	06/18/24	06/19/24	KLR
Decachlorobiphenyl	109%		%REC	24-120	1	343086	06/18/24	06/19/24	KLR

Analysis Results for 510406

Sample ID: SB10-3
Lab ID: 510406-023
Collected: 06/14/24 10:09
Matrix: Soil

510406-023 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	4.6		mg/Kg	0.98	0.98	343011	06/18/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.9		mg/Kg	0.98	0.98	343014	06/18/24	06/19/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
beta-BHC	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
gamma-BHC	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
delta-BHC	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
Heptachlor	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
Aldrin	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
Endosulfan I	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
Dieldrin	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
4,4'-DDE	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
Endrin	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
Endosulfan II	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
4,4'-DDD	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
Endrin aldehyde	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
Endrin ketone	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
4,4'-DDT	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
Methoxychlor	ND		ug/Kg	10	1	343086	06/18/24	06/19/24	KLR
Toxaphene	ND		ug/Kg	100	1	343086	06/18/24	06/19/24	KLR
Chlordane (Technical)	ND		ug/Kg	51	1	343086	06/18/24	06/19/24	KLR
Surrogates	Limits								
TCMX	87%		%REC	23-120	1	343086	06/18/24	06/19/24	KLR
Decachlorobiphenyl	93%		%REC	24-120	1	343086	06/18/24	06/19/24	KLR

Analysis Results for 510406

Sample ID: SB11-1
Lab ID: 510406-025
Collected: 06/14/24 10:30
Matrix: Soil

510406-025 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	9.5		mg/Kg	0.99	0.99	343011	06/18/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	7.5		mg/Kg	0.99	0.99	343014	06/18/24	06/19/24	DXC
Method: EPA 7199 Prep Method: EPA 3060A									
Hexavalent Chromium	ND		mg/Kg	0.40	1	343404	06/21/24 13:28	06/25/24 05:55	AJL
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	4.9	0.98	343190	06/19/24	06/20/24	KLR
beta-BHC	ND		ug/Kg	4.9	0.98	343190	06/19/24	06/20/24	KLR
gamma-BHC	ND		ug/Kg	4.9	0.98	343190	06/19/24	06/20/24	KLR
delta-BHC	ND		ug/Kg	4.9	0.98	343190	06/19/24	06/20/24	KLR
Heptachlor	ND		ug/Kg	4.9	0.98	343190	06/19/24	06/20/24	KLR
Aldrin	ND		ug/Kg	4.9	0.98	343190	06/19/24	06/20/24	KLR
Heptachlor epoxide	ND		ug/Kg	4.9	0.98	343190	06/19/24	06/20/24	KLR
Endosulfan I	ND		ug/Kg	4.9	0.98	343190	06/19/24	06/20/24	KLR
Dieldrin	ND		ug/Kg	4.9	0.98	343190	06/19/24	06/20/24	KLR
4,4'-DDE	ND		ug/Kg	4.9	0.98	343190	06/19/24	06/20/24	KLR
Endrin	ND		ug/Kg	4.9	0.98	343190	06/19/24	06/20/24	KLR
Endosulfan II	ND		ug/Kg	4.9	0.98	343190	06/19/24	06/20/24	KLR
Endosulfan sulfate	ND		ug/Kg	4.9	0.98	343190	06/19/24	06/20/24	KLR
4,4'-DDD	ND		ug/Kg	4.9	0.98	343190	06/19/24	06/20/24	KLR
Endrin aldehyde	ND		ug/Kg	4.9	0.98	343190	06/19/24	06/20/24	KLR
Endrin ketone	ND		ug/Kg	4.9	0.98	343190	06/19/24	06/20/24	KLR
4,4'-DDT	ND		ug/Kg	4.9	0.98	343190	06/19/24	06/20/24	KLR
Methoxychlor	ND		ug/Kg	9.8	0.98	343190	06/19/24	06/20/24	KLR
Toxaphene	ND		ug/Kg	98	0.98	343190	06/19/24	06/20/24	KLR
Chlordane (Technical)	ND		ug/Kg	49	0.98	343190	06/19/24	06/20/24	KLR
Surrogates				Limits					
TCMX	93%		%REC	23-120	0.98	343190	06/19/24	06/20/24	KLR
Decachlorobiphenyl	106%		%REC	24-120	0.98	343190	06/19/24	06/20/24	KLR
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	49	0.98	343190	06/19/24	06/20/24	KLR
Aroclor-1221	ND		ug/Kg	49	0.98	343190	06/19/24	06/20/24	KLR
Aroclor-1232	ND		ug/Kg	49	0.98	343190	06/19/24	06/20/24	KLR
Aroclor-1242	ND		ug/Kg	49	0.98	343190	06/19/24	06/20/24	KLR
Aroclor-1248	ND		ug/Kg	49	0.98	343190	06/19/24	06/20/24	KLR
Aroclor-1254	ND		ug/Kg	49	0.98	343190	06/19/24	06/20/24	KLR
Aroclor-1260	ND		ug/Kg	49	0.98	343190	06/19/24	06/20/24	KLR
Aroclor-1262	ND		ug/Kg	49	0.98	343190	06/19/24	06/20/24	KLR
Aroclor-1268	ND		ug/Kg	49	0.98	343190	06/19/24	06/20/24	KLR
Surrogates				Limits					
Decachlorobiphenyl (PCB)	107%		%REC	19-121	0.98	343190	06/19/24	06/20/24	KLR

Analysis Results for 510406

Sample ID: DL17-1
Lab ID: 510406-026
Collected: 06/14/24 10:50
Matrix: Soil

510406-026 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	24		mg/Kg	0.96	0.96	343011	06/18/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	3.9		mg/Kg	0.96	0.96	343014	06/18/24	06/19/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
beta-BHC	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
gamma-BHC	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
delta-BHC	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Heptachlor	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Aldrin	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Heptachlor epoxide	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Endosulfan I	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Dieldrin	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
4,4'-DDE	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Endrin	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Endosulfan II	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Endosulfan sulfate	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
4,4'-DDD	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Endrin aldehyde	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Endrin ketone	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
4,4'-DDT	ND		ug/Kg	10	2	343086	06/18/24	06/19/24	KLR
Methoxychlor	ND		ug/Kg	20	2	343086	06/18/24	06/19/24	KLR
Toxaphene	ND		ug/Kg	200	2	343086	06/18/24	06/19/24	KLR
Chlordane (Technical)	ND		ug/Kg	100	2	343086	06/18/24	06/19/24	KLR
Surrogates				Limits					
TCMX	92%		%REC	23-120	2	343086	06/18/24	06/19/24	KLR
Decachlorobiphenyl	98%		%REC	24-120	2	343086	06/18/24	06/19/24	KLR

Analysis Results for 510406

Sample ID: DL17-3
Lab ID: 510406-027
Collected: 06/14/24 11:00
Matrix: Soil

510406-027 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	6.7		mg/Kg	0.97	0.97	343011	06/18/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.9		mg/Kg	0.97	0.97	343014	06/18/24	06/19/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
beta-BHC	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
gamma-BHC	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
delta-BHC	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
Heptachlor	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
Aldrin	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
Endosulfan I	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
Dieldrin	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
4,4'-DDE	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
Endrin	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
Endosulfan II	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
4,4'-DDD	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
Endrin aldehyde	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
Endrin ketone	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
4,4'-DDT	ND		ug/Kg	5.0	1	343086	06/18/24	06/19/24	KLR
Methoxychlor	ND		ug/Kg	10	1	343086	06/18/24	06/19/24	KLR
Toxaphene	ND		ug/Kg	100	1	343086	06/18/24	06/19/24	KLR
Chlordane (Technical)	ND		ug/Kg	50	1	343086	06/18/24	06/19/24	KLR
Surrogates	Limits								
TCMX	93%		%REC	23-120	1	343086	06/18/24	06/19/24	KLR
Decachlorobiphenyl	99%		%REC	24-120	1	343086	06/18/24	06/19/24	KLR

Analysis Results for 510406

Sample ID: DL16-1
Lab ID: 510406-028
Collected: 06/14/24 11:10
Matrix: Soil

510406-028 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	5.9		mg/Kg	0.98	0.98	343011	06/18/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.8		mg/Kg	0.98	0.98	343014	06/18/24	06/19/24	DXC
Method: EPA 7199 Prep Method: EPA 3060A									
Hexavalent Chromium	ND		mg/Kg	0.40	1	343404	06/21/24 13:28	06/25/24 06:06	AJL
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
beta-BHC	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
gamma-BHC	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
delta-BHC	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Heptachlor	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Aldrin	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Endosulfan I	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Dieldrin	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
4,4'-DDE	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Endrin	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Endosulfan II	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
4,4'-DDD	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Endrin aldehyde	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Endrin ketone	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
4,4'-DDT	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Methoxychlor	ND		ug/Kg	10	1	343190	06/19/24	06/20/24	KLR
Toxaphene	ND		ug/Kg	100	1	343190	06/19/24	06/20/24	KLR
Chlordane (Technical)	ND		ug/Kg	51	1	343190	06/19/24	06/20/24	KLR
Surrogates				Limits					
TCMX	87%		%REC	23-120	1	343190	06/19/24	06/20/24	KLR
Decachlorobiphenyl	102%		%REC	24-120	1	343190	06/19/24	06/20/24	KLR
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	51	1	343190	06/19/24	06/20/24	KLR
Aroclor-1221	ND		ug/Kg	51	1	343190	06/19/24	06/20/24	KLR
Aroclor-1232	ND		ug/Kg	51	1	343190	06/19/24	06/20/24	KLR
Aroclor-1242	ND		ug/Kg	51	1	343190	06/19/24	06/20/24	KLR
Aroclor-1248	ND		ug/Kg	51	1	343190	06/19/24	06/20/24	KLR
Aroclor-1254	ND		ug/Kg	51	1	343190	06/19/24	06/20/24	KLR
Aroclor-1260	ND		ug/Kg	51	1	343190	06/19/24	06/20/24	KLR
Aroclor-1262	ND		ug/Kg	51	1	343190	06/19/24	06/20/24	KLR
Aroclor-1268	ND		ug/Kg	51	1	343190	06/19/24	06/20/24	KLR
Surrogates				Limits					
Decachlorobiphenyl (PCB)	102%		%REC	19-121	1	343190	06/19/24	06/20/24	KLR

Analysis Results for 510406

Sample ID: DL16-3
Lab ID: 510406-029
Collected: 06/14/24 11:12
Matrix: Soil

510406-029 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	4.2		mg/Kg	0.96	0.96	343011	06/18/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.7		mg/Kg	0.96	0.96	343014	06/18/24	06/19/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
beta-BHC	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
gamma-BHC	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
delta-BHC	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
Heptachlor	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
Aldrin	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
Endosulfan I	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
Dieldrin	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
4,4'-DDE	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
Endrin	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
Endosulfan II	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
4,4'-DDD	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
Endrin aldehyde	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
Endrin ketone	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
4,4'-DDT	ND		ug/Kg	5.0	0.99	343086	06/18/24	06/19/24	KLR
Methoxychlor	ND		ug/Kg	9.9	0.99	343086	06/18/24	06/19/24	KLR
Toxaphene	ND		ug/Kg	99	0.99	343086	06/18/24	06/19/24	KLR
Chlordane (Technical)	ND		ug/Kg	50	0.99	343086	06/18/24	06/19/24	KLR
Surrogates	Limits								
TCMX	94%		%REC	23-120	0.99	343086	06/18/24	06/19/24	KLR
Decachlorobiphenyl	105%		%REC	24-120	0.99	343086	06/18/24	06/19/24	KLR

Analysis Results for 510406

Sample ID: EB-061424
Lab ID: 510406-030
Collected: 06/14/24 11:45
Matrix: Water

510406-030 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B									
Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
Freon 12	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
Chloromethane	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
Vinyl Chloride	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
Bromomethane	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
Chloroethane	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
Trichlorofluoromethane	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
Acetone	ND		ug/L	100	1	343509	06/23/24	06/23/24	LYZ
Freon 113	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
1,1-Dichloroethene	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
Methylene Chloride	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
MTBE	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
trans-1,2-Dichloroethene	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
1,1-Dichloroethane	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
2-Butanone	ND		ug/L	100	1	343509	06/23/24	06/23/24	LYZ
cis-1,2-Dichloroethene	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
2,2-Dichloropropane	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
Chloroform	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
Bromochloromethane	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
1,1,1-Trichloroethane	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
1,1-Dichloropropene	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
Carbon Tetrachloride	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
1,2-Dichloroethane	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
Benzene	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
Trichloroethene	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
1,2-Dichloropropane	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
Bromodichloromethane	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
Dibromomethane	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
4-Methyl-2-Pentanone	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
cis-1,3-Dichloropropene	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
Toluene	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
trans-1,3-Dichloropropene	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
1,1,2-Trichloroethane	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
1,3-Dichloropropane	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
Tetrachloroethene	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
Dibromochloromethane	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
1,2-Dibromoethane	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
Chlorobenzene	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
Ethylbenzene	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
m,p-Xylenes	ND		ug/L	10	1	343509	06/23/24	06/23/24	LYZ
o-Xylene	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
Styrene	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
Bromoform	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
Isopropylbenzene	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ

Analysis Results for 510406

510406-030 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
1,2,3-Trichloropropane	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
Propylbenzene	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
Bromobenzene	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
2-Chlorotoluene	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
4-Chlorotoluene	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
tert-Butylbenzene	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
sec-Butylbenzene	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
para-Isopropyl Toluene	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
1,3-Dichlorobenzene	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
1,4-Dichlorobenzene	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
n-Butylbenzene	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
1,2-Dichlorobenzene	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
Hexachlorobutadiene	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
Naphthalene	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
Xylene (total)	ND		ug/L	5.0	1	343509	06/23/24	06/23/24	LYZ
Surrogates	Limits								
Dibromofluoromethane	98%		%REC	70-130	1	343509	06/23/24	06/23/24	LYZ
1,2-Dichloroethane-d4	101%		%REC	70-130	1	343509	06/23/24	06/23/24	LYZ
Toluene-d8	98%		%REC	70-130	1	343509	06/23/24	06/23/24	LYZ
Bromofluorobenzene	97%		%REC	70-130	1	343509	06/23/24	06/23/24	LYZ

Analysis Results for 510406

Sample ID: TB-061424
Lab ID: 510406-031
Collected: 06/14/24 08:00
Matrix: Water

510406-031 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B									
Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
Freon 12	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
Chloromethane	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
Vinyl Chloride	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
Bromomethane	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
Chloroethane	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
Trichlorofluoromethane	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
Acetone	ND		ug/L	100	1	343509	06/24/24	06/24/24	LYZ
Freon 113	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
1,1-Dichloroethene	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
Methylene Chloride	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
MTBE	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
trans-1,2-Dichloroethene	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
1,1-Dichloroethane	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
2-Butanone	ND		ug/L	100	1	343509	06/24/24	06/24/24	LYZ
cis-1,2-Dichloroethene	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
2,2-Dichloropropane	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
Chloroform	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
Bromochloromethane	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
1,1,1-Trichloroethane	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
1,1-Dichloropropene	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
Carbon Tetrachloride	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
1,2-Dichloroethane	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
Benzene	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
Trichloroethene	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
1,2-Dichloropropane	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
Bromodichloromethane	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
Dibromomethane	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
4-Methyl-2-Pentanone	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
cis-1,3-Dichloropropene	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
Toluene	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
trans-1,3-Dichloropropene	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
1,1,2-Trichloroethane	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
1,3-Dichloropropane	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
Tetrachloroethene	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
Dibromochloromethane	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
1,2-Dibromoethane	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
Chlorobenzene	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
Ethylbenzene	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
m,p-Xylenes	ND		ug/L	10	1	343509	06/24/24	06/24/24	LYZ
o-Xylene	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
Styrene	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
Bromoform	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
Isopropylbenzene	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ

Analysis Results for 510406

510406-031 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
1,2,3-Trichloropropane	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
Propylbenzene	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
Bromobenzene	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
2-Chlorotoluene	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
4-Chlorotoluene	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
tert-Butylbenzene	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
sec-Butylbenzene	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
para-Isopropyl Toluene	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
1,3-Dichlorobenzene	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
1,4-Dichlorobenzene	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
n-Butylbenzene	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
1,2-Dichlorobenzene	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
Hexachlorobutadiene	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
Naphthalene	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
Xylene (total)	ND		ug/L	5.0	1	343509	06/24/24	06/24/24	LYZ
Surrogates	Limits								
Dibromofluoromethane	99%		%REC	70-130	1	343509	06/24/24	06/24/24	LYZ
1,2-Dichloroethane-d4	101%		%REC	70-130	1	343509	06/24/24	06/24/24	LYZ
Toluene-d8	98%		%REC	70-130	1	343509	06/24/24	06/24/24	LYZ
Bromofluorobenzene	98%		%REC	70-130	1	343509	06/24/24	06/24/24	LYZ

Analysis Results for 510406

Sample ID: DL11-1
Lab ID: 510406-032
Collected: 06/14/24 11:45
Matrix: Soil

510406-032 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	3.4		mg/Kg	0.95	0.95	343011	06/18/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	3.3		mg/Kg	0.95	0.95	343014	06/18/24	06/19/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
beta-BHC	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
gamma-BHC	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
delta-BHC	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
Heptachlor	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
Aldrin	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
Endosulfan I	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
Dieldrin	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
4,4'-DDE	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
Endrin	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
Endosulfan II	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
4,4'-DDD	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
Endrin aldehyde	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
Endrin ketone	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
4,4'-DDT	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
Methoxychlor	ND		ug/Kg	10	1	343086	06/18/24	06/19/24	KLR
Toxaphene	ND		ug/Kg	100	1	343086	06/18/24	06/19/24	KLR
Chlordane (Technical)	ND		ug/Kg	51	1	343086	06/18/24	06/19/24	KLR
Surrogates	Limits								
TCMX	91%		%REC	23-120	1	343086	06/18/24	06/19/24	KLR
Decachlorobiphenyl	94%		%REC	24-120	1	343086	06/18/24	06/19/24	KLR

Analysis Results for 510406

Sample ID: DL11-3
Lab ID: 510406-033
Collected: 06/14/24 11:50
Matrix: Soil

510406-033 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	5.1		mg/Kg	0.97	0.97	343011	06/18/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	3.2		mg/Kg	0.97	0.97	343014	06/18/24	06/19/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
beta-BHC	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
gamma-BHC	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
delta-BHC	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
Heptachlor	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
Aldrin	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
Endosulfan I	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
Dieldrin	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
4,4'-DDE	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
Endrin	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
Endosulfan II	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
4,4'-DDD	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
Endrin aldehyde	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
Endrin ketone	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
4,4'-DDT	ND		ug/Kg	5.1	1	343086	06/18/24	06/19/24	KLR
Methoxychlor	ND		ug/Kg	10	1	343086	06/18/24	06/19/24	KLR
Toxaphene	ND		ug/Kg	100	1	343086	06/18/24	06/19/24	KLR
Chlordane (Technical)	ND		ug/Kg	51	1	343086	06/18/24	06/19/24	KLR
Surrogates	Limits								
TCMX	91%		%REC	23-120	1	343086	06/18/24	06/19/24	KLR
Decachlorobiphenyl	97%		%REC	24-120	1	343086	06/18/24	06/19/24	KLR

Analysis Results for 510406

Sample ID: SB15-1
Lab ID: 510406-034
Collected: 06/14/24 12:05
Matrix: Soil

510406-034 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	7.2		mg/Kg	0.96	0.96	343011	06/18/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	4.6		mg/Kg	0.96	0.96	343014	06/18/24	06/19/24	DXC
Method: EPA 7199 Prep Method: EPA 3060A									
Hexavalent Chromium	ND		mg/Kg	0.39	0.98	343404	06/21/24 13:28	06/25/24 06:17	AJL
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	343190	06/19/24	06/20/24	KLR
beta-BHC	ND		ug/Kg	5.0	0.99	343190	06/19/24	06/20/24	KLR
gamma-BHC	ND		ug/Kg	5.0	0.99	343190	06/19/24	06/20/24	KLR
delta-BHC	ND		ug/Kg	5.0	0.99	343190	06/19/24	06/20/24	KLR
Heptachlor	ND		ug/Kg	5.0	0.99	343190	06/19/24	06/20/24	KLR
Aldrin	ND		ug/Kg	5.0	0.99	343190	06/19/24	06/20/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	343190	06/19/24	06/20/24	KLR
Endosulfan I	ND		ug/Kg	5.0	0.99	343190	06/19/24	06/20/24	KLR
Dieldrin	ND		ug/Kg	5.0	0.99	343190	06/19/24	06/20/24	KLR
4,4'-DDE	ND		ug/Kg	5.0	0.99	343190	06/19/24	06/20/24	KLR
Endrin	ND		ug/Kg	5.0	0.99	343190	06/19/24	06/20/24	KLR
Endosulfan II	ND		ug/Kg	5.0	0.99	343190	06/19/24	06/20/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	343190	06/19/24	06/20/24	KLR
4,4'-DDD	ND		ug/Kg	5.0	0.99	343190	06/19/24	06/20/24	KLR
Endrin aldehyde	ND		ug/Kg	5.0	0.99	343190	06/19/24	06/20/24	KLR
Endrin ketone	ND		ug/Kg	5.0	0.99	343190	06/19/24	06/20/24	KLR
4,4'-DDT	ND		ug/Kg	5.0	0.99	343190	06/19/24	06/20/24	KLR
Methoxychlor	ND		ug/Kg	9.9	0.99	343190	06/19/24	06/20/24	KLR
Toxaphene	ND		ug/Kg	99	0.99	343190	06/19/24	06/20/24	KLR
Chlordane (Technical)	ND		ug/Kg	50	0.99	343190	06/19/24	06/20/24	KLR
Surrogates				Limits					
TCMX	73%		%REC	23-120	0.99	343190	06/19/24	06/20/24	KLR
Decachlorobiphenyl	90%		%REC	24-120	0.99	343190	06/19/24	06/20/24	KLR
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	50	0.99	343190	06/19/24	06/20/24	KLR
Aroclor-1221	ND		ug/Kg	50	0.99	343190	06/19/24	06/20/24	KLR
Aroclor-1232	ND		ug/Kg	50	0.99	343190	06/19/24	06/20/24	KLR
Aroclor-1242	ND		ug/Kg	50	0.99	343190	06/19/24	06/20/24	KLR
Aroclor-1248	ND		ug/Kg	50	0.99	343190	06/19/24	06/20/24	KLR
Aroclor-1254	ND		ug/Kg	50	0.99	343190	06/19/24	06/20/24	KLR
Aroclor-1260	ND		ug/Kg	50	0.99	343190	06/19/24	06/20/24	KLR
Aroclor-1262	ND		ug/Kg	50	0.99	343190	06/19/24	06/20/24	KLR
Aroclor-1268	ND		ug/Kg	50	0.99	343190	06/19/24	06/20/24	KLR
Surrogates				Limits					
Decachlorobiphenyl (PCB)	88%		%REC	19-121	0.99	343190	06/19/24	06/20/24	KLR

Analysis Results for 510406

Analysis Results for 510406

Sample ID: SB15-3
Lab ID: 510406-035
Collected: 06/14/24 12:10
Matrix: Soil

510406-035 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	6.8		mg/Kg	0.98	0.98	343011	06/18/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	3.5		mg/Kg	0.98	0.98	343014	06/18/24	06/19/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
beta-BHC	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
gamma-BHC	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
delta-BHC	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
Heptachlor	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
Aldrin	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
Endosulfan I	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
Dieldrin	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
Endrin	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
Endosulfan II	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
Endosulfan sulfate	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
4,4'-DDD	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
Endrin ketone	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1	343190	06/19/24	06/21/24	MES
Methoxychlor	ND		ug/Kg	10	1	343190	06/19/24	06/21/24	MES
Toxaphene	ND		ug/Kg	100	1	343190	06/19/24	06/21/24	MES
Chlordane (Technical)	ND		ug/Kg	51	1	343190	06/19/24	06/21/24	MES
Surrogates	Limits								
TCMX	88%		%REC	23-120	1	343190	06/19/24	06/21/24	MES
Decachlorobiphenyl	110%		%REC	24-120	1	343190	06/19/24	06/21/24	MES
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	51	1	343190	06/19/24	06/21/24	MES
Aroclor-1221	ND		ug/Kg	51	1	343190	06/19/24	06/21/24	MES
Aroclor-1232	ND		ug/Kg	51	1	343190	06/19/24	06/21/24	MES
Aroclor-1242	ND		ug/Kg	51	1	343190	06/19/24	06/21/24	MES
Aroclor-1248	ND		ug/Kg	51	1	343190	06/19/24	06/21/24	MES
Aroclor-1254	ND		ug/Kg	51	1	343190	06/19/24	06/21/24	MES
Aroclor-1260	ND		ug/Kg	51	1	343190	06/19/24	06/21/24	MES
Aroclor-1262	ND		ug/Kg	51	1	343190	06/19/24	06/21/24	MES
Aroclor-1268	ND		ug/Kg	51	1	343190	06/19/24	06/21/24	MES
Surrogates	Limits								
Decachlorobiphenyl (PCB)	108%		%REC	19-121	1	343190	06/19/24	06/21/24	MES

Analysis Results for 510406

Sample ID: DL7-1
Lab ID: 510406-037
Collected: 06/14/24 12:20
Matrix: Soil

510406-037 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	2.4		mg/Kg	0.96	0.96	343011	06/18/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	3.2		mg/Kg	0.96	0.96	343014	06/18/24	06/19/24	DXC
Method: EPA 7199 Prep Method: EPA 3060A									
Hexavalent Chromium	0.78		mg/Kg	0.40	1	343404	06/21/24 13:28	06/25/24 06:28	AJL
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
beta-BHC	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
gamma-BHC	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
delta-BHC	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Heptachlor	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Aldrin	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Endosulfan I	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Dieldrin	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
4,4'-DDE	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Endrin	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Endosulfan II	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
4,4'-DDD	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Endrin aldehyde	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Endrin ketone	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
4,4'-DDT	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Methoxychlor	ND		ug/Kg	10	1	343190	06/19/24	06/20/24	KLR
Toxaphene	ND		ug/Kg	100	1	343190	06/19/24	06/20/24	KLR
Chlordane (Technical)	ND		ug/Kg	51	1	343190	06/19/24	06/20/24	KLR
Surrogates				Limits					
TCMX	74%		%REC	23-120	1	343190	06/19/24	06/20/24	KLR
Decachlorobiphenyl	82%		%REC	24-120	1	343190	06/19/24	06/20/24	KLR
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	51	1	343190	06/19/24	06/20/24	KLR
Aroclor-1221	ND		ug/Kg	51	1	343190	06/19/24	06/20/24	KLR
Aroclor-1232	ND		ug/Kg	51	1	343190	06/19/24	06/20/24	KLR
Aroclor-1242	ND		ug/Kg	51	1	343190	06/19/24	06/20/24	KLR
Aroclor-1248	ND		ug/Kg	51	1	343190	06/19/24	06/20/24	KLR
Aroclor-1254	ND		ug/Kg	51	1	343190	06/19/24	06/20/24	KLR
Aroclor-1260	ND		ug/Kg	51	1	343190	06/19/24	06/20/24	KLR
Aroclor-1262	ND		ug/Kg	51	1	343190	06/19/24	06/20/24	KLR
Aroclor-1268	ND		ug/Kg	51	1	343190	06/19/24	06/20/24	KLR
Surrogates				Limits					
Decachlorobiphenyl (PCB)	80%		%REC	19-121	1	343190	06/19/24	06/20/24	KLR

Analysis Results for 510406

Sample ID: DL7-3	Lab ID: 510406-038	Collected: 06/14/24 12:25
Matrix: Soil		

510406-038 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	16		mg/Kg	0.98	0.98	343011	06/18/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	3.6		mg/Kg	0.98	0.98	343014	06/18/24	06/19/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
beta-BHC	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
gamma-BHC	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
delta-BHC	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Heptachlor	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Aldrin	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Endosulfan I	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Dieldrin	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
4,4'-DDE	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Endrin	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Endosulfan II	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
4,4'-DDD	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Endrin aldehyde	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Endrin ketone	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
4,4'-DDT	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Methoxychlor	ND		ug/Kg	10	1	343190	06/19/24	06/20/24	KLR
Toxaphene	ND		ug/Kg	100	1	343190	06/19/24	06/20/24	KLR
Chlordane (Technical)	62		ug/Kg	51	1	343190	06/19/24	06/20/24	KLR
Surrogates	Limits								
TCMX	77%		%REC	23-120	1	343190	06/19/24	06/20/24	KLR
Decachlorobiphenyl	90%		%REC	24-120	1	343190	06/19/24	06/20/24	KLR

Analysis Results for 510406

Sample ID: DL7-3DUP
Lab ID: 510406-039
Collected: 06/14/24 12:27
Matrix: Soil

510406-039 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	14		mg/Kg	0.96	0.96	343011	06/18/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	3.1		mg/Kg	0.96	0.96	343014	06/18/24	06/19/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
beta-BHC	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
gamma-BHC	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
delta-BHC	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Heptachlor	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Aldrin	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Endosulfan I	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Dieldrin	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
4,4'-DDE	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Endrin	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Endosulfan II	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
4,4'-DDD	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Endrin aldehyde	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Endrin ketone	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
4,4'-DDT	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Methoxychlor	ND		ug/Kg	10	1	343190	06/19/24	06/20/24	KLR
Toxaphene	ND		ug/Kg	100	1	343190	06/19/24	06/20/24	KLR
Chlordane (Technical)	59		ug/Kg	51	1	343190	06/19/24	06/20/24	KLR
Surrogates	Limits								
TCMX	74%		%REC	23-120	1	343190	06/19/24	06/20/24	KLR
Decachlorobiphenyl	83%		%REC	24-120	1	343190	06/19/24	06/20/24	KLR

Analysis Results for 510406

Sample ID: DL6-1	Lab ID: 510406-040	Collected: 06/14/24 12:40
	Matrix: Soil	

510406-040 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	2.9		mg/Kg	0.97	0.97	343011	06/18/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	3.5		mg/Kg	0.97	0.97	343014	06/18/24	06/19/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
beta-BHC	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
gamma-BHC	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
delta-BHC	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
Heptachlor	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
Aldrin	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
Endosulfan I	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
Dieldrin	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
4,4'-DDE	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
Endrin	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
Endosulfan II	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
4,4'-DDD	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
Endrin aldehyde	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
Endrin ketone	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
4,4'-DDT	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
Methoxychlor	ND		ug/Kg	10	1	343190	06/19/24	06/20/24	KLR
Toxaphene	ND		ug/Kg	100	1	343190	06/19/24	06/20/24	KLR
Chlordane (Technical)	ND		ug/Kg	50	1	343190	06/19/24	06/20/24	KLR
Surrogates	Limits								
TCMX	78%		%REC	23-120	1	343190	06/19/24	06/20/24	KLR
Decachlorobiphenyl	98%		%REC	24-120	1	343190	06/19/24	06/20/24	KLR

Analysis Results for 510406

Sample ID: DL6-3	Lab ID: 510406-041	Collected: 06/14/24 12:45
Matrix: Soil		

510406-041 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	11		mg/Kg	0.98	0.98	343011	06/18/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.7		mg/Kg	0.98	0.98	343014	06/18/24	06/19/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
beta-BHC	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
gamma-BHC	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
delta-BHC	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
Heptachlor	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
Aldrin	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
Endosulfan I	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
Dieldrin	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
4,4'-DDE	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
Endrin	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
Endosulfan II	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
4,4'-DDD	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
Endrin aldehyde	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
Endrin ketone	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
4,4'-DDT	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
Methoxychlor	ND		ug/Kg	10	1	343190	06/19/24	06/20/24	KLR
Toxaphene	ND		ug/Kg	100	1	343190	06/19/24	06/20/24	KLR
Chlordane (Technical)	53		ug/Kg	50	1	343190	06/19/24	06/20/24	KLR
Surrogates	Limits								
TCMX	86%		%REC	23-120	1	343190	06/19/24	06/20/24	KLR
Decachlorobiphenyl	106%		%REC	24-120	1	343190	06/19/24	06/20/24	KLR

Analysis Results for 510406

Sample ID: DL3-1	Lab ID: 510406-042	Collected: 06/14/24 12:55
Matrix: Soil		

510406-042 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	2.7		mg/Kg	1.0	1	343011	06/18/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.2		mg/Kg	1.0	1	343014	06/18/24	06/19/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
beta-BHC	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
gamma-BHC	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
delta-BHC	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Heptachlor	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Aldrin	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Endosulfan I	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Dieldrin	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
4,4'-DDE	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Endrin	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Endosulfan II	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
4,4'-DDD	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Endrin aldehyde	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Endrin ketone	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
4,4'-DDT	ND		ug/Kg	5.1	1	343190	06/19/24	06/20/24	KLR
Methoxychlor	ND		ug/Kg	10	1	343190	06/19/24	06/20/24	KLR
Toxaphene	ND		ug/Kg	100	1	343190	06/19/24	06/20/24	KLR
Chlordane (Technical)	ND		ug/Kg	51	1	343190	06/19/24	06/20/24	KLR
Surrogates	Limits								
TCMX	84%		%REC	23-120	1	343190	06/19/24	06/20/24	KLR
Decachlorobiphenyl	101%		%REC	24-120	1	343190	06/19/24	06/20/24	KLR

Analysis Results for 510406

Sample ID: DL3-3	Lab ID: 510406-043	Collected: 06/14/24 13:00
	Matrix: Soil	

510406-043 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	12		mg/Kg	0.99	0.99	343011	06/18/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.9		mg/Kg	0.99	0.99	343014	06/18/24	06/19/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
beta-BHC	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
gamma-BHC	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
delta-BHC	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
Heptachlor	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
Aldrin	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
Endosulfan I	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
Dieldrin	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
4,4'-DDE	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
Endrin	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
Endosulfan II	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
4,4'-DDD	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
Endrin aldehyde	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
Endrin ketone	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
4,4'-DDT	ND		ug/Kg	5.0	1	343190	06/19/24	06/20/24	KLR
Methoxychlor	ND		ug/Kg	10	1	343190	06/19/24	06/20/24	KLR
Toxaphene	ND		ug/Kg	100	1	343190	06/19/24	06/20/24	KLR
Chlordane (Technical)	ND		ug/Kg	50	1	343190	06/19/24	06/20/24	KLR
Surrogates	Limits								
TCMX	82%		%REC	23-120	1	343190	06/19/24	06/20/24	KLR
Decachlorobiphenyl	107%		%REC	24-120	1	343190	06/19/24	06/20/24	KLR

ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1162136	Batch: 342992
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1162136 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	06/17/24	06/18/24
Arsenic	ND		mg/Kg	1.0	06/17/24	06/18/24
Barium	ND		mg/Kg	1.0	06/17/24	06/18/24
Beryllium	ND		mg/Kg	0.50	06/17/24	06/18/24
Cadmium	ND		mg/Kg	0.50	06/17/24	06/18/24
Chromium	ND		mg/Kg	1.0	06/17/24	06/18/24
Cobalt	ND		mg/Kg	0.50	06/17/24	06/18/24
Copper	ND		mg/Kg	1.0	06/17/24	06/18/24
Lead	ND		mg/Kg	1.0	06/17/24	06/18/24
Molybdenum	ND		mg/Kg	1.0	06/17/24	06/18/24
Nickel	ND		mg/Kg	1.0	06/17/24	06/18/24
Selenium	ND		mg/Kg	3.0	06/17/24	06/18/24
Silver	ND		mg/Kg	0.50	06/17/24	06/18/24
Thallium	ND		mg/Kg	3.0	06/17/24	06/18/24
Vanadium	ND		mg/Kg	1.0	06/17/24	06/18/24
Zinc	ND		mg/Kg	5.0	06/17/24	06/18/24

Type: Lab Control Sample	Lab ID: QC1162137	Batch: 342992
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1162137 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	94.65	100.0	mg/Kg	95%		80-120
Arsenic	96.07	100.0	mg/Kg	96%		80-120
Barium	105.2	100.0	mg/Kg	105%		80-120
Beryllium	97.27	100.0	mg/Kg	97%		80-120
Cadmium	97.32	100.0	mg/Kg	97%		80-120
Chromium	102.8	100.0	mg/Kg	103%		80-120
Cobalt	108.6	100.0	mg/Kg	109%		80-120
Copper	98.45	100.0	mg/Kg	98%		80-120
Lead	110.7	100.0	mg/Kg	111%		80-120
Molybdenum	97.84	100.0	mg/Kg	98%		80-120
Nickel	106.9	100.0	mg/Kg	107%		80-120
Selenium	89.94	100.0	mg/Kg	90%		80-120
Silver	47.15	50.00	mg/Kg	94%		80-120
Thallium	105.0	100.0	mg/Kg	105%		80-120
Vanadium	96.89	100.0	mg/Kg	97%		80-120
Zinc	109.7	100.0	mg/Kg	110%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1162138	Batch: 342992
Matrix (Source ID): Soil (510441-023)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1162138 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	27.31	1.446	97.09	mg/Kg	27%	*	75-125	0.97
Arsenic	95.46	3.322	97.09	mg/Kg	95%		75-125	0.97
Barium	221.8	137.4	97.09	mg/Kg	87%		75-125	0.97
Beryllium	95.66	0.6823	97.09	mg/Kg	98%		75-125	0.97
Cadmium	95.40	ND	97.09	mg/Kg	98%		75-125	0.97
Chromium	164.2	62.64	97.09	mg/Kg	105%		75-125	0.97
Cobalt	117.2	18.42	97.09	mg/Kg	102%		75-125	0.97
Copper	125.1	26.25	97.09	mg/Kg	102%		75-125	0.97
Lead	104.8	5.070	97.09	mg/Kg	103%		75-125	0.97
Molybdenum	85.81	ND	97.09	mg/Kg	88%		75-125	0.97
Nickel	137.1	39.44	97.09	mg/Kg	101%		75-125	0.97
Selenium	87.06	ND	97.09	mg/Kg	90%		75-125	0.97
Silver	45.61	ND	48.54	mg/Kg	94%		75-125	0.97
Thallium	97.85	2.419	97.09	mg/Kg	98%		75-125	0.97
Vanadium	178.8	78.08	97.09	mg/Kg	104%		75-125	0.97
Zinc	169.3	64.88	97.09	mg/Kg	108%		75-125	0.97

Type: Matrix Spike Duplicate	Lab ID: QC1162139	Batch: 342992
Matrix (Source ID): Soil (510441-023)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1162139 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	27.45	1.446	98.04	mg/Kg	27%	*	75-125	0	41	0.98
Arsenic	97.80	3.322	98.04	mg/Kg	96%		75-125	1	35	0.98
Barium	217.8	137.4	98.04	mg/Kg	82%		75-125	2	20	0.98
Beryllium	96.17	0.6823	98.04	mg/Kg	97%		75-125	0	20	0.98
Cadmium	98.17	ND	98.04	mg/Kg	100%		75-125	2	20	0.98
Chromium	168.0	62.64	98.04	mg/Kg	107%		75-125	2	20	0.98
Cobalt	121.4	18.42	98.04	mg/Kg	105%		75-125	3	20	0.98
Copper	129.0	26.25	98.04	mg/Kg	105%		75-125	2	20	0.98
Lead	108.3	5.070	98.04	mg/Kg	105%		75-125	2	20	0.98
Molybdenum	87.27	ND	98.04	mg/Kg	89%		75-125	1	20	0.98
Nickel	143.6	39.44	98.04	mg/Kg	106%		75-125	4	20	0.98
Selenium	89.43	ND	98.04	mg/Kg	91%		75-125	2	20	0.98
Silver	46.55	ND	49.02	mg/Kg	95%		75-125	1	20	0.98
Thallium	101.1	2.419	98.04	mg/Kg	101%		75-125	2	20	0.98
Vanadium	180.8	78.08	98.04	mg/Kg	105%		75-125	1	20	0.98
Zinc	173.9	64.88	98.04	mg/Kg	111%		75-125	2	20	0.98

Batch QC

Type: Post Digest Spike	Lab ID: QC1162140	Batch: 342992
Matrix (Source ID): Soil (510441-023)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1162140 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	99.76	1.446	97.09	mg/Kg	101%		75-125	0.97
Arsenic	103.0	3.322	97.09	mg/Kg	103%		75-125	0.97
Barium	227.1	137.4	97.09	mg/Kg	92%		75-125	0.97
Beryllium	101.0	0.6823	97.09	mg/Kg	103%		75-125	0.97
Cadmium	99.88	ND	97.09	mg/Kg	103%		75-125	0.97
Chromium	163.2	62.64	97.09	mg/Kg	104%		75-125	0.97
Cobalt	122.3	18.42	97.09	mg/Kg	107%		75-125	0.97
Copper	128.9	26.25	97.09	mg/Kg	106%		75-125	0.97
Lead	110.9	5.070	97.09	mg/Kg	109%		75-125	0.97
Molybdenum	101.8	ND	97.09	mg/Kg	105%		75-125	0.97
Nickel	141.6	39.44	97.09	mg/Kg	105%		75-125	0.97
Selenium	93.12	ND	97.09	mg/Kg	96%		75-125	0.97
Silver	48.33	ND	48.54	mg/Kg	100%		75-125	0.97
Thallium	102.7	2.419	97.09	mg/Kg	103%		75-125	0.97
Vanadium	176.9	78.08	97.09	mg/Kg	102%		75-125	0.97
Zinc	171.9	64.88	97.09	mg/Kg	110%		75-125	0.97

Type: Blank	Lab ID: QC1162350	Batch: 343011
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1162350 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	06/18/24	06/18/24
Arsenic	ND		mg/Kg	1.0	06/18/24	06/18/24
Barium	ND		mg/Kg	1.0	06/18/24	06/18/24
Beryllium	ND		mg/Kg	0.50	06/18/24	06/18/24
Cadmium	ND		mg/Kg	0.50	06/18/24	06/18/24
Chromium	ND		mg/Kg	1.0	06/18/24	06/18/24
Cobalt	ND		mg/Kg	0.50	06/18/24	06/18/24
Copper	ND		mg/Kg	1.0	06/18/24	06/18/24
Lead	ND		mg/Kg	1.0	06/18/24	06/18/24
Molybdenum	ND		mg/Kg	1.0	06/18/24	06/18/24
Nickel	ND		mg/Kg	1.0	06/18/24	06/18/24
Selenium	ND		mg/Kg	3.0	06/18/24	06/18/24
Silver	ND		mg/Kg	0.50	06/18/24	06/18/24
Thallium	ND		mg/Kg	3.0	06/18/24	06/18/24
Vanadium	ND		mg/Kg	1.0	06/18/24	06/18/24
Zinc	ND		mg/Kg	5.0	06/18/24	06/18/24

Batch QC

Type: Lab Control Sample	Lab ID: QC1162351	Batch: 343011
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1162351 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	95.13	100.0	mg/Kg	95%		80-120
Arsenic	96.60	100.0	mg/Kg	97%		80-120
Barium	104.7	100.0	mg/Kg	105%		80-120
Beryllium	98.23	100.0	mg/Kg	98%		80-120
Cadmium	97.01	100.0	mg/Kg	97%		80-120
Chromium	102.2	100.0	mg/Kg	102%		80-120
Cobalt	108.5	100.0	mg/Kg	108%		80-120
Copper	97.51	100.0	mg/Kg	98%		80-120
Lead	111.2	100.0	mg/Kg	111%		80-120
Molybdenum	97.19	100.0	mg/Kg	97%		80-120
Nickel	106.7	100.0	mg/Kg	107%		80-120
Selenium	90.17	100.0	mg/Kg	90%		80-120
Silver	46.76	50.00	mg/Kg	94%		80-120
Thallium	104.2	100.0	mg/Kg	104%		80-120
Vanadium	96.02	100.0	mg/Kg	96%		80-120
Zinc	110.2	100.0	mg/Kg	110%		80-120

Type: Matrix Spike	Lab ID: QC1162352	Batch: 343011
Matrix (Source ID): Soil (510406-032)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1162352 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	40.65	ND	95.24	mg/Kg	43%	*	75-125	0.95
Arsenic	89.70	3.715	95.24	mg/Kg	90%		75-125	0.95
Barium	177.1	144.2	95.24	mg/Kg	35%	*	75-125	0.95
Beryllium	88.46	0.4398	95.24	mg/Kg	92%		75-125	0.95
Cadmium	87.38	ND	95.24	mg/Kg	92%		75-125	0.95
Chromium	126.9	30.09	95.24	mg/Kg	102%		75-125	0.95
Cobalt	101.6	6.967	95.24	mg/Kg	99%		75-125	0.95
Copper	106.1	11.74	95.24	mg/Kg	99%		75-125	0.95
Lead	98.56	3.412	95.24	mg/Kg	100%		75-125	0.95
Molybdenum	83.13	ND	95.24	mg/Kg	87%		75-125	0.95
Nickel	114.4	19.02	95.24	mg/Kg	100%		75-125	0.95
Selenium	79.86	ND	95.24	mg/Kg	84%		75-125	0.95
Silver	41.94	ND	47.62	mg/Kg	88%		75-125	0.95
Thallium	91.12	ND	95.24	mg/Kg	96%		75-125	0.95
Vanadium	137.8	40.33	95.24	mg/Kg	102%		75-125	0.95
Zinc	143.6	40.86	95.24	mg/Kg	108%		75-125	0.95

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1162353	Batch: 343011
Matrix (Source ID): Soil (510406-032)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1162353 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	39.86	ND	100.0	mg/Kg	40%	*	75-125	7	41	1
Arsenic	99.26	3.715	100.0	mg/Kg	96%		75-125	5	35	1
Barium	226.5	144.2	100.0	mg/Kg	82%		75-125	23*	20	1
Beryllium	99.27	0.4398	100.0	mg/Kg	99%		75-125	7	20	1
Cadmium	97.19	ND	100.0	mg/Kg	97%		75-125	6	20	1
Chromium	151.0	30.09	100.0	mg/Kg	121%		75-125	14	20	1
Cobalt	113.3	6.967	100.0	mg/Kg	106%		75-125	6	20	1
Copper	118.1	11.74	100.0	mg/Kg	106%		75-125	6	20	1
Lead	110.9	3.412	100.0	mg/Kg	108%		75-125	7	20	1
Molybdenum	91.90	ND	100.0	mg/Kg	92%		75-125	5	20	1
Nickel	130.9	19.02	100.0	mg/Kg	112%		75-125	9	20	1
Selenium	87.04	ND	100.0	mg/Kg	87%		75-125	4	20	1
Silver	45.98	ND	50.00	mg/Kg	92%		75-125	4	20	1
Thallium	99.79	ND	100.0	mg/Kg	100%		75-125	4	20	1
Vanadium	165.7	40.33	100.0	mg/Kg	125%		75-125	15	20	1
Zinc	171.6	40.86	100.0	mg/Kg	131%	*	75-125	14	20	1

Type: Post Digest Spike	Lab ID: QC1162354	Batch: 343011
Matrix (Source ID): Soil (510406-032)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1162354 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	91.01	ND	95.24	mg/Kg	96%		75-125	0.95
Arsenic	93.97	3.715	95.24	mg/Kg	95%		75-125	0.95
Barium	226.9	144.2	95.24	mg/Kg	87%		75-125	0.95
Beryllium	92.06	0.4398	95.24	mg/Kg	96%		75-125	0.95
Cadmium	91.84	ND	95.24	mg/Kg	96%		75-125	0.95
Chromium	123.1	30.09	95.24	mg/Kg	98%		75-125	0.95
Cobalt	105.0	6.967	95.24	mg/Kg	103%		75-125	0.95
Copper	104.0	11.74	95.24	mg/Kg	97%		75-125	0.95
Lead	102.8	3.412	95.24	mg/Kg	104%		75-125	0.95
Molybdenum	94.31	ND	95.24	mg/Kg	99%		75-125	0.95
Nickel	115.1	19.02	95.24	mg/Kg	101%		75-125	0.95
Selenium	85.22	ND	95.24	mg/Kg	89%		75-125	0.95
Silver	44.00	ND	47.62	mg/Kg	92%		75-125	0.95
Thallium	95.67	ND	95.24	mg/Kg	100%		75-125	0.95
Vanadium	129.4	40.33	95.24	mg/Kg	93%		75-125	0.95
Zinc	141.1	40.86	95.24	mg/Kg	105%		75-125	0.95

Type: Blank	Lab ID: QC1162141	Batch: 342993
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1162141 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Arsenic	ND		mg/Kg	1.0	06/17/24	06/19/24

Batch QC

Type: Lab Control Sample	Lab ID: QC1162142	Batch: 342993
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1162142 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Arsenic	97.54	100.0	mg/Kg	98%		80-120

Type: Matrix Spike	Lab ID: QC1162143	Batch: 342993
Matrix (Source ID): Soil (510441-023)	Method: EPA 6020	Prep Method: EPA 3050B

QC1162143 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	94.77	2.565	97.09	mg/Kg	95%		75-125	0.97

Type: Matrix Spike Duplicate	Lab ID: QC1162144	Batch: 342993
Matrix (Source ID): Soil (510441-023)	Method: EPA 6020	Prep Method: EPA 3050B

QC1162144 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Arsenic	99.39	2.565	98.04	mg/Kg	99%		75-125	4	20	0.98

Type: Post Digest Spike	Lab ID: QC1162145	Batch: 342993
Matrix (Source ID): Soil (510441-023)	Method: EPA 6020	Prep Method: EPA 3050B

QC1162145 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	99.34	2.565	97.09	mg/Kg	100%		75-125	0.97

Type: Matrix Spike	Lab ID: QC1162358	Batch: 343014
Matrix (Source ID): Soil (510406-032)	Method: EPA 6020	Prep Method: EPA 3050B

QC1162358 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	89.33	3.309	95.24	mg/Kg	90%		75-125	0.95

Type: Matrix Spike Duplicate	Lab ID: QC1162359	Batch: 343014
Matrix (Source ID): Soil (510406-032)	Method: EPA 6020	Prep Method: EPA 3050B

QC1162359 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Arsenic	101.6	3.309	100.0	mg/Kg	98%		75-125	8	20	1

Batch QC

Type: Post Digest Spike	Lab ID: QC1162360	Batch: 343014
Matrix (Source ID): Soil (510406-032)	Method: EPA 6020	Prep Method: EPA 3050B

QC1162360 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	96.93	3.309	95.24	mg/Kg	98%		75-125	0.95

Type: Blank	Lab ID: QC1162361	Batch: 343014
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1162361 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Arsenic	ND		mg/Kg	1.0	06/18/24	06/19/24

Type: Lab Control Sample	Lab ID: QC1162362	Batch: 343014
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1162362 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Arsenic	99.42	100.0	mg/Kg	99%		80-120

Type: Blank	Lab ID: QC1163534	Batch: 343404
Matrix: Soil	Method: EPA 7199	Prep Method: EPA 3060A

QC1163534 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Hexavalent Chromium	ND		mg/Kg	0.40	06/21/24 13:28	06/25/24 03:32

Type: Lab Control Sample	Lab ID: QC1163535	Batch: 343404
Matrix: Soil	Method: EPA 7199	Prep Method: EPA 3060A

QC1163535 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Hexavalent Chromium	39.03	40.00	mg/Kg	98%		80-120

Type: Sample Duplicate	Lab ID: QC1163536	Batch: 343404
Matrix (Source ID): Soil (510441-004)	Method: EPA 7199	Prep Method: EPA 3060A

QC1163536 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Hexavalent Chromium	ND	ND	mg/Kg			30	0.99

Type: Sample Spike	Lab ID: QC1163537	Batch: 343404
Matrix (Source ID): Soil (510441-004)	Method: EPA 7199	Prep Method: EPA 3060A

QC1163537 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Hexavalent Chromium	35.01	0.3143	39.53	mg/Kg	88%		70-130	2

Batch QC

Type: Post Digest Spike	Lab ID: QC1163538	Batch: 343404
Matrix (Source ID): Soil (510441-004)	Method: EPA 7199	Prep Method: EPA 3060A

QC1163538 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Hexavalent Chromium	40.48	0.3143	40.00	mg/Kg	100%		75-125	2

Type: Blank	Lab ID: QC1162781	Batch: 343156
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1162781 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	06/19/24	06/19/24

Type: Lab Control Sample	Lab ID: QC1162782	Batch: 343156
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1162782 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.7740	0.8333	mg/Kg	93%		80-120

Type: Matrix Spike	Lab ID: QC1162783	Batch: 343156
Matrix (Source ID): Soil (510581-006)	Method: EPA 7471A	Prep Method: METHOD

QC1162783 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.9229	ND	0.9434	mg/Kg	98%		75-125	1.1

Type: Matrix Spike Duplicate	Lab ID: QC1162784	Batch: 343156
Matrix (Source ID): Soil (510581-006)	Method: EPA 7471A	Prep Method: METHOD

QC1162784 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Mercury	0.8847	ND	0.9434	mg/Kg	94%		75-125	4	20	1.1

Batch QC

Type: Blank	Lab ID: QC1162551	Batch: 343086
Matrix: Soil	Method: EPA 8081A	Prep Method: EPA 3546

QC1162551 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
alpha-BHC	ND		ug/Kg	4.9	06/18/24	06/19/24
beta-BHC	ND		ug/Kg	4.9	06/18/24	06/19/24
gamma-BHC	ND		ug/Kg	4.9	06/18/24	06/19/24
delta-BHC	ND		ug/Kg	4.9	06/18/24	06/19/24
Heptachlor	ND		ug/Kg	4.9	06/18/24	06/19/24
Aldrin	ND		ug/Kg	4.9	06/18/24	06/19/24
Heptachlor epoxide	ND		ug/Kg	4.9	06/18/24	06/19/24
Endosulfan I	ND		ug/Kg	4.9	06/18/24	06/19/24
Dieldrin	ND		ug/Kg	4.9	06/18/24	06/19/24
4,4'-DDE	ND		ug/Kg	4.9	06/18/24	06/19/24
Endrin	ND		ug/Kg	4.9	06/18/24	06/19/24
Endosulfan II	ND		ug/Kg	4.9	06/18/24	06/19/24
Endosulfan sulfate	ND		ug/Kg	4.9	06/18/24	06/19/24
4,4'-DDD	ND		ug/Kg	4.9	06/18/24	06/19/24
Endrin aldehyde	ND		ug/Kg	4.9	06/18/24	06/19/24
Endrin ketone	ND		ug/Kg	4.9	06/18/24	06/19/24
4,4'-DDT	ND		ug/Kg	4.9	06/18/24	06/19/24
Methoxychlor	ND		ug/Kg	9.8	06/18/24	06/19/24
Toxaphene	ND		ug/Kg	98	06/18/24	06/19/24
Chlordane (Technical)	ND		ug/Kg	49	06/18/24	06/19/24
Surrogates				Limits		
TCMX	104%		%REC	23-120	06/18/24	06/19/24
Decachlorobiphenyl	116%		%REC	24-120	06/18/24	06/19/24

Batch QC

Type: Lab Control Sample	Lab ID: QC1162552	Batch: 343086
Matrix: Soil	Method: EPA 8081A	Prep Method: EPA 3546

QC1162552 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	55.23	49.50	ug/Kg	112%		22-129
beta-BHC	49.74	49.50	ug/Kg	100%		28-125
gamma-BHC	54.96	49.50	ug/Kg	111%		22-128
delta-BHC	54.15	49.50	ug/Kg	109%		24-131
Heptachlor	55.00	49.50	ug/Kg	111%		18-124
Aldrin	54.91	49.50	ug/Kg	111%		23-120
Heptachlor epoxide	50.82	49.50	ug/Kg	103%		26-120
Endosulfan I	49.53	49.50	ug/Kg	100%		25-126
Dieldrin	53.22	49.50	ug/Kg	107%		23-124
4,4'-DDE	56.45	49.50	ug/Kg	114%		28-121
Endrin	55.26	49.50	ug/Kg	112%		25-127
Endosulfan II	54.97	49.50	ug/Kg	111%		29-121
Endosulfan sulfate	43.48	49.50	ug/Kg	88%		30-121
4,4'-DDD	55.66	49.50	ug/Kg	112%		26-120
Endrin aldehyde	30.06	49.50	ug/Kg	61%		10-120
Endrin ketone	58.01	49.50	ug/Kg	117%		28-125
4,4'-DDT	57.22	49.50	ug/Kg	116%		22-125
Methoxychlor	62.35	49.50	ug/Kg	126%		28-130
Surrogates						
TCMX	52.18	49.50	ug/Kg	105%		23-120
Decachlorobiphenyl	57.66	49.50	ug/Kg	116%		24-120

Batch QC

Type: Matrix Spike	Lab ID: QC1162553	Batch: 343086
Matrix (Source ID): Soil (510406-026)	Method: EPA 8081A	Prep Method: EPA 3546

QC1162553 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	46.77	ND	50.00	ug/Kg	94%		46-120	2
beta-BHC	49.13	ND	50.00	ug/Kg	98%		41-120	2
gamma-BHC	47.86	ND	50.00	ug/Kg	96%		41-120	2
delta-BHC	46.24	ND	50.00	ug/Kg	92%		38-123	2
Heptachlor	48.07	ND	50.00	ug/Kg	96%		39-120	2
Aldrin	49.39	ND	50.00	ug/Kg	99%		34-120	2
Heptachlor epoxide	45.96	ND	50.00	ug/Kg	92%		43-120	2
Endosulfan I	48.43	ND	50.00	ug/Kg	97%		45-120	2
Dieldrin	49.12	ND	50.00	ug/Kg	98%		45-120	2
4,4'-DDE	59.55	9.254	50.00	ug/Kg	101%		34-120	2
Endrin	50.08	ND	50.00	ug/Kg	100%		40-120	2
Endosulfan II	50.13	ND	50.00	ug/Kg	100%		41-120	2
Endosulfan sulfate	49.67	ND	50.00	ug/Kg	99%		42-120	2
4,4'-DDD	49.99	ND	50.00	ug/Kg	100%		41-120	2
Endrin aldehyde	49.51	ND	50.00	ug/Kg	99%		30-120	2
Endrin ketone	52.12	ND	50.00	ug/Kg	104%		45-120	2
4,4'-DDT	54.99	ND	50.00	ug/Kg	110%		35-127	2
Methoxychlor	58.64	ND	50.00	ug/Kg	117%		42-136	2
Surrogates								
TCMX	47.11		50.00	ug/Kg	94%		23-120	2
Decachlorobiphenyl	51.82		50.00	ug/Kg	104%		24-120	2

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1162554	Batch: 343086
Matrix (Source ID): Soil (510406-026)	Method: EPA 8081A	Prep Method: EPA 3546

QC1162554 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
alpha-BHC	46.95	ND	50.00	ug/Kg	94%		46-120	0	30	2
beta-BHC	48.37	ND	50.00	ug/Kg	97%		41-120	2	30	2
gamma-BHC	48.02	ND	50.00	ug/Kg	96%		41-120	0	30	2
delta-BHC	46.38	ND	50.00	ug/Kg	93%		38-123	0	30	2
Heptachlor	48.60	ND	50.00	ug/Kg	97%		39-120	1	30	2
Aldrin	49.84	ND	50.00	ug/Kg	100%		34-120	1	30	2
Heptachlor epoxide	46.31	ND	50.00	ug/Kg	93%		43-120	1	30	2
Endosulfan I	49.05	ND	50.00	ug/Kg	98%		45-120	1	30	2
Dieldrin	50.23	ND	50.00	ug/Kg	100%		45-120	2	30	2
4,4'-DDE	63.35	9.254	50.00	ug/Kg	108%		34-120	6	30	2
Endrin	50.36	ND	50.00	ug/Kg	101%		40-120	1	30	2
Endosulfan II	50.74	ND	50.00	ug/Kg	101%		41-120	1	30	2
Endosulfan sulfate	50.67	ND	50.00	ug/Kg	101%		42-120	2	30	2
4,4'-DDD	51.06	ND	50.00	ug/Kg	102%		41-120	2	30	2
Endrin aldehyde	48.01	ND	50.00	ug/Kg	96%		30-120	3	30	2
Endrin ketone	53.65	ND	50.00	ug/Kg	107%		45-120	3	30	2
4,4'-DDT	56.52	ND	50.00	ug/Kg	113%		35-127	3	30	2
Methoxychlor	59.22	ND	50.00	ug/Kg	118%		42-136	1	30	2
Surrogates										
TCMX	48.21		50.00	ug/Kg	96%		23-120			2
Decachlorobiphenyl	54.06		50.00	ug/Kg	108%		24-120			2

Batch QC

Type: Blank	Lab ID: QC1162843	Batch: 343190
Matrix: Soil		

QC1162843 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Method: EPA 8081A						
Prep Method: EPA 3546						
alpha-BHC	ND		ug/Kg	5.1	06/19/24	06/21/24
beta-BHC	ND		ug/Kg	5.1	06/19/24	06/21/24
gamma-BHC	ND		ug/Kg	5.1	06/19/24	06/21/24
delta-BHC	ND		ug/Kg	5.1	06/19/24	06/21/24
Heptachlor	ND		ug/Kg	5.1	06/19/24	06/21/24
Aldrin	ND		ug/Kg	5.1	06/19/24	06/21/24
Heptachlor epoxide	ND		ug/Kg	5.1	06/19/24	06/21/24
Endosulfan I	ND		ug/Kg	5.1	06/19/24	06/21/24
Dieldrin	ND		ug/Kg	5.1	06/19/24	06/21/24
4,4'-DDE	ND		ug/Kg	5.1	06/19/24	06/21/24
Endrin	ND		ug/Kg	5.1	06/19/24	06/21/24
Endosulfan II	ND		ug/Kg	5.1	06/19/24	06/21/24
Endosulfan sulfate	ND		ug/Kg	5.1	06/19/24	06/21/24
4,4'-DDD	ND		ug/Kg	5.1	06/19/24	06/21/24
Endrin aldehyde	ND		ug/Kg	5.1	06/19/24	06/21/24
Endrin ketone	ND		ug/Kg	5.1	06/19/24	06/21/24
4,4'-DDT	ND		ug/Kg	5.1	06/19/24	06/21/24
Methoxychlor	ND		ug/Kg	10	06/19/24	06/21/24
Toxaphene	ND		ug/Kg	100	06/19/24	06/21/24
Chlordane (Technical)	ND		ug/Kg	51	06/19/24	06/21/24
Surrogates				Limits		
TCMX	94%		%REC	23-120	06/19/24	06/21/24
Decachlorobiphenyl	120%		%REC	24-120	06/19/24	06/21/24
Method: EPA 8082						
Prep Method: EPA 3546						
Aroclor-1016	ND		ug/Kg	51	06/19/24	06/21/24
Aroclor-1221	ND		ug/Kg	51	06/19/24	06/21/24
Aroclor-1232	ND		ug/Kg	51	06/19/24	06/21/24
Aroclor-1242	ND		ug/Kg	51	06/19/24	06/21/24
Aroclor-1248	ND		ug/Kg	51	06/19/24	06/21/24
Aroclor-1254	ND		ug/Kg	51	06/19/24	06/21/24
Aroclor-1260	ND		ug/Kg	51	06/19/24	06/21/24
Aroclor-1262	ND		ug/Kg	51	06/19/24	06/21/24
Aroclor-1268	ND		ug/Kg	51	06/19/24	06/21/24
Surrogates				Limits		
Decachlorobiphenyl (PCB)	119%		%REC	19-121	06/19/24	06/21/24

Batch QC

Type: Lab Control Sample	Lab ID: QC1162844	Batch: 343190
Matrix: Soil	Method: EPA 8081A	Prep Method: EPA 3546

QC1162844 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	45.70	51.02	ug/Kg	90%		22-129
beta-BHC	51.77	51.02	ug/Kg	101%		28-125
gamma-BHC	47.51	51.02	ug/Kg	93%		22-128
delta-BHC	48.26	51.02	ug/Kg	95%		24-131
Heptachlor	49.83	51.02	ug/Kg	98%		18-124
Aldrin	51.05	51.02	ug/Kg	100%		23-120
Heptachlor epoxide	50.68	51.02	ug/Kg	99%		26-120
Endosulfan I	49.02	51.02	ug/Kg	96%		25-126
Dieldrin	51.02	51.02	ug/Kg	100%		23-124
4,4'-DDE	52.57	51.02	ug/Kg	103%		28-121
Endrin	52.31	51.02	ug/Kg	103%		25-127
Endosulfan II	52.26	51.02	ug/Kg	102%		29-121
Endosulfan sulfate	40.70	51.02	ug/Kg	80%		30-121
4,4'-DDD	50.29	51.02	ug/Kg	99%		26-120
Endrin aldehyde	25.60	51.02	ug/Kg	50%		10-120
Endrin ketone	53.45	51.02	ug/Kg	105%		28-125
4,4'-DDT	53.28	51.02	ug/Kg	104%		22-125
Methoxychlor	64.31	51.02	ug/Kg	126%		28-130
Surrogates						
TCMX	48.69	51.02	ug/Kg	95%		23-120
Decachlorobiphenyl	51.53	51.02	ug/Kg	101%		24-120

Batch QC

Type: Matrix Spike	Lab ID: QC1162845	Batch: 343190
Matrix (Source ID): Soil (510384-003)	Method: EPA 8081A	Prep Method: EPA 3546

QC1162845 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	53.30	ND	50.51	ug/Kg	106%		46-120	5.1
beta-BHC	53.97	ND	50.51	ug/Kg	107%		41-120	5.1
gamma-BHC	55.66	ND	50.51	ug/Kg	110%		41-120	5.1
delta-BHC	54.97	ND	50.51	ug/Kg	109%		38-123	5.1
Heptachlor	48.95	ND	50.51	ug/Kg	97%		39-120	5.1
Aldrin	48.35	ND	50.51	ug/Kg	96%		34-120	5.1
Heptachlor epoxide	59.30	ND	50.51	ug/Kg	117%		43-120	5.1
Endosulfan I	59.56	ND	50.51	ug/Kg	118%		45-120	5.1
Dieldrin	58.74	ND	50.51	ug/Kg	116%		45-120	5.1
4,4'-DDE	64.26	ND	50.51	ug/Kg	127%	*	34-120	5.1
Endrin	60.58	ND	50.51	ug/Kg	120%		40-120	5.1
Endosulfan II	47.99	ND	50.51	ug/Kg	95%		41-120	5.1
Endosulfan sulfate	54.60	ND	50.51	ug/Kg	108%		42-120	5.1
4,4'-DDD	58.63	ND	50.51	ug/Kg	116%		41-120	5.1
Endrin aldehyde	34.55	ND	50.51	ug/Kg	68%		30-120	5.1
Endrin ketone	58.38	ND	50.51	ug/Kg	116%		45-120	5.1
4,4'-DDT	54.09	ND	50.51	ug/Kg	107%		35-127	5.1
Methoxychlor	56.89	ND	50.51	ug/Kg	113%		42-136	5.1
Surrogates								
TCMX	58.17		50.51	ug/Kg	115%		23-120	5.1
Decachlorobiphenyl	87.98		50.51	ug/Kg	174%	*	24-120	5.1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1162846	Batch: 343190
Matrix (Source ID): Soil (510384-003)	Method: EPA 8081A	Prep Method: EPA 3546

QC1162846 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
alpha-BHC	47.15	ND	50.51	ug/Kg	93%		46-120	12	30	5.1
beta-BHC	46.65	ND	50.51	ug/Kg	92%		41-120	15	30	5.1
gamma-BHC	48.92	ND	50.51	ug/Kg	97%		41-120	13	30	5.1
delta-BHC	47.69	ND	50.51	ug/Kg	94%		38-123	14	30	5.1
Heptachlor	44.17	ND	50.51	ug/Kg	87%		39-120	10	30	5.1
Aldrin	44.14	ND	50.51	ug/Kg	87%		34-120	9	30	5.1
Heptachlor epoxide	52.90	ND	50.51	ug/Kg	105%		43-120	11	30	5.1
Endosulfan I	52.71	ND	50.51	ug/Kg	104%		45-120	12	30	5.1
Dieldrin	51.72	ND	50.51	ug/Kg	102%		45-120	13	30	5.1
4,4'-DDE	58.51	ND	50.51	ug/Kg	116%		34-120	9	30	5.1
Endrin	53.77	ND	50.51	ug/Kg	106%		40-120	12	30	5.1
Endosulfan II	42.92	ND	50.51	ug/Kg	85%		41-120	11	30	5.1
Endosulfan sulfate	46.18	ND	50.51	ug/Kg	91%		42-120	17	30	5.1
4,4'-DDD	52.43	ND	50.51	ug/Kg	104%		41-120	11	30	5.1
Endrin aldehyde	32.80	ND	50.51	ug/Kg	65%		30-120	5	30	5.1
Endrin ketone	50.69	ND	50.51	ug/Kg	100%		45-120	14	30	5.1
4,4'-DDT	47.35	ND	50.51	ug/Kg	94%		35-127	13	30	5.1
Methoxychlor	51.64	ND	50.51	ug/Kg	102%		42-136	10	30	5.1
Surrogates										
TCMX	48.65		50.51	ug/Kg	96%		23-120			5.1
Decachlorobiphenyl	86.96		50.51	ug/Kg	172%	*	24-120			5.1

Type: Lab Control Sample	Lab ID: QC1162847	Batch: 343190
Matrix: Soil	Method: EPA 8082	Prep Method: EPA 3546

QC1162847 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	560.0	500.0	ug/Kg	112%		14-150
Aroclor-1260	611.0	500.0	ug/Kg	122%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	55.94	50.00	ug/Kg	112%		19-121

Type: Matrix Spike	Lab ID: QC1162848	Batch: 343190
Matrix (Source ID): Soil (510406-035)	Method: EPA 8082	Prep Method: EPA 3546

QC1162848 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	501.1	ND	505.1	ug/Kg	99%		42-127	1
Aroclor-1260	533.4	ND	505.1	ug/Kg	106%		38-130	1
Surrogates								
Decachlorobiphenyl (PCB)	55.90		50.51	ug/Kg	111%		19-121	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1162849	Batch: 343190
Matrix (Source ID): Soil (510406-035)	Method: EPA 8082	Prep Method: EPA 3546

QC1162849 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	469.4	ND	495.0	ug/Kg	95%		42-127	5	30	0.99
Aroclor-1260	497.1	ND	495.0	ug/Kg	100%		38-130	5	30	0.99
Surrogates										
Decachlorobiphenyl (PCB)	52.69		49.50	ug/Kg	106%		19-121			0.99

Type: Lab Control Sample	Lab ID: QC1163927	Batch: 343509
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1163927 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	52.39	50.00	ug/L	105%		70-135
MTBE	48.52	50.00	ug/L	97%		70-130
Benzene	52.44	50.00	ug/L	105%		70-130
Trichloroethene	55.34	50.00	ug/L	111%		70-130
Toluene	53.48	50.00	ug/L	107%		70-130
Chlorobenzene	52.66	50.00	ug/L	105%		70-130
Surrogates						
Dibromofluoromethane	50.68	50.00	ug/L	101%		70-130
1,2-Dichloroethane-d4	49.38	50.00	ug/L	99%		70-130
Toluene-d8	50.05	50.00	ug/L	100%		70-130
Bromofluorobenzene	52.24	50.00	ug/L	104%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1163928	Batch: 343509
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1163928 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	55.87	50.00	ug/L	112%		70-135	6	30
MTBE	53.04	50.00	ug/L	106%		70-130	9	30
Benzene	55.97	50.00	ug/L	112%		70-130	7	30
Trichloroethene	56.90	50.00	ug/L	114%		70-130	3	30
Toluene	55.59	50.00	ug/L	111%		70-130	4	30
Chlorobenzene	54.96	50.00	ug/L	110%		70-130	4	30
Surrogates								
Dibromofluoromethane	51.76	50.00	ug/L	104%		70-130		
1,2-Dichloroethane-d4	51.31	50.00	ug/L	103%		70-130		
Toluene-d8	49.06	50.00	ug/L	98%		70-130		
Bromofluorobenzene	50.81	50.00	ug/L	102%		70-130		

Batch QC

Type: Matrix Spike	Lab ID: QC1163929	Batch: 343509
Matrix (Source ID): Water (510583-016)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1163929 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	57.57	ND	50.00	ug/L	115%		70-130	1
MTBE	48.81	0.4440	50.00	ug/L	97%		75-130	1
Benzene	54.32	0.1988	50.00	ug/L	108%		70-130	1
Trichloroethene	56.67	0.4805	50.00	ug/L	112%		63-130	1
Toluene	82.32	27.82	50.00	ug/L	109%		70-130	1
Chlorobenzene	52.59	ND	50.00	ug/L	105%		70-130	1
Surrogates								
Dibromofluoromethane	50.73		50.00	ug/L	101%		70-130	1
1,2-Dichloroethane-d4	49.02		50.00	ug/L	98%		70-130	1
Toluene-d8	50.06		50.00	ug/L	100%		70-130	1
Bromofluorobenzene	50.99		50.00	ug/L	102%		70-130	1

Type: Matrix Spike Duplicate	Lab ID: QC1163930	Batch: 343509
Matrix (Source ID): Water (510583-016)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1163930 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	54.93	ND	50.00	ug/L	110%		70-130	5	30	1
MTBE	47.94	0.4440	50.00	ug/L	95%		75-130	2	30	1
Benzene	51.80	0.1988	50.00	ug/L	103%		70-130	5	30	1
Trichloroethene	54.65	0.4805	50.00	ug/L	108%		63-130	4	30	1
Toluene	72.53	27.82	50.00	ug/L	89%		70-130	13	30	1
Chlorobenzene	50.98	ND	50.00	ug/L	102%		70-130	3	30	1
Surrogates										
Dibromofluoromethane	50.06		50.00	ug/L	100%		70-130			1
1,2-Dichloroethane-d4	49.10		50.00	ug/L	98%		70-130			1
Toluene-d8	49.95		50.00	ug/L	100%		70-130			1
Bromofluorobenzene	50.89		50.00	ug/L	102%		70-130			1

Batch QC

Type: Blank	Lab ID: QC1163933	Batch: 343509
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1163933 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	06/23/24	06/23/24
Freon 12	ND		ug/L	5.0	06/23/24	06/23/24
Chloromethane	ND		ug/L	5.0	06/23/24	06/23/24
Vinyl Chloride	ND		ug/L	5.0	06/23/24	06/23/24
Bromomethane	ND		ug/L	5.0	06/23/24	06/23/24
Chloroethane	ND		ug/L	5.0	06/23/24	06/23/24
Trichlorofluoromethane	ND		ug/L	5.0	06/23/24	06/23/24
Acetone	ND		ug/L	100	06/23/24	06/23/24
Freon 113	ND		ug/L	5.0	06/23/24	06/23/24
1,1-Dichloroethene	ND		ug/L	5.0	06/23/24	06/23/24
Methylene Chloride	ND		ug/L	5.0	06/23/24	06/23/24
MTBE	ND		ug/L	5.0	06/23/24	06/23/24
trans-1,2-Dichloroethene	ND		ug/L	5.0	06/23/24	06/23/24
1,1-Dichloroethane	ND		ug/L	5.0	06/23/24	06/23/24
2-Butanone	ND		ug/L	100	06/23/24	06/23/24
cis-1,2-Dichloroethene	ND		ug/L	5.0	06/23/24	06/23/24
2,2-Dichloropropane	ND		ug/L	5.0	06/23/24	06/23/24
Chloroform	ND		ug/L	5.0	06/23/24	06/23/24
Bromochloromethane	ND		ug/L	5.0	06/23/24	06/23/24
1,1,1-Trichloroethane	ND		ug/L	5.0	06/23/24	06/23/24
1,1-Dichloropropene	ND		ug/L	5.0	06/23/24	06/23/24
Carbon Tetrachloride	ND		ug/L	5.0	06/23/24	06/23/24
1,2-Dichloroethane	ND		ug/L	5.0	06/23/24	06/23/24
Benzene	ND		ug/L	5.0	06/23/24	06/23/24
Trichloroethene	ND		ug/L	5.0	06/23/24	06/23/24
1,2-Dichloropropane	ND		ug/L	5.0	06/23/24	06/23/24
Bromodichloromethane	ND		ug/L	5.0	06/23/24	06/23/24
Dibromomethane	ND		ug/L	5.0	06/23/24	06/23/24
4-Methyl-2-Pentanone	ND		ug/L	5.0	06/23/24	06/23/24
cis-1,3-Dichloropropene	ND		ug/L	5.0	06/23/24	06/23/24
Toluene	ND		ug/L	5.0	06/23/24	06/23/24
trans-1,3-Dichloropropene	ND		ug/L	5.0	06/23/24	06/23/24
1,1,2-Trichloroethane	ND		ug/L	5.0	06/23/24	06/23/24
1,3-Dichloropropane	ND		ug/L	5.0	06/23/24	06/23/24
Tetrachloroethene	ND		ug/L	5.0	06/23/24	06/23/24
Dibromochloromethane	ND		ug/L	5.0	06/23/24	06/23/24
1,2-Dibromoethane	ND		ug/L	5.0	06/23/24	06/23/24
Chlorobenzene	ND		ug/L	5.0	06/23/24	06/23/24
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	06/23/24	06/23/24
Ethylbenzene	ND		ug/L	5.0	06/23/24	06/23/24
m,p-Xylenes	ND		ug/L	10	06/23/24	06/23/24
o-Xylene	ND		ug/L	5.0	06/23/24	06/23/24
Styrene	ND		ug/L	5.0	06/23/24	06/23/24
Bromoform	ND		ug/L	5.0	06/23/24	06/23/24
Isopropylbenzene	ND		ug/L	5.0	06/23/24	06/23/24
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	06/23/24	06/23/24
1,2,3-Trichloropropane	ND		ug/L	5.0	06/23/24	06/23/24

Batch QC

QC1163933 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	06/23/24	06/23/24
Bromobenzene	ND		ug/L	5.0	06/23/24	06/23/24
1,3,5-Trimethylbenzene	ND		ug/L	5.0	06/23/24	06/23/24
2-Chlorotoluene	ND		ug/L	5.0	06/23/24	06/23/24
4-Chlorotoluene	ND		ug/L	5.0	06/23/24	06/23/24
tert-Butylbenzene	ND		ug/L	5.0	06/23/24	06/23/24
1,2,4-Trimethylbenzene	ND		ug/L	5.0	06/23/24	06/23/24
sec-Butylbenzene	ND		ug/L	5.0	06/23/24	06/23/24
para-Isopropyl Toluene	ND		ug/L	5.0	06/23/24	06/23/24
1,3-Dichlorobenzene	ND		ug/L	5.0	06/23/24	06/23/24
1,4-Dichlorobenzene	ND		ug/L	5.0	06/23/24	06/23/24
n-Butylbenzene	ND		ug/L	5.0	06/23/24	06/23/24
1,2-Dichlorobenzene	ND		ug/L	5.0	06/23/24	06/23/24
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	06/23/24	06/23/24
1,2,4-Trichlorobenzene	ND		ug/L	5.0	06/23/24	06/23/24
Hexachlorobutadiene	ND		ug/L	5.0	06/23/24	06/23/24
Naphthalene	ND		ug/L	5.0	06/23/24	06/23/24
1,2,3-Trichlorobenzene	ND		ug/L	5.0	06/23/24	06/23/24
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	06/23/24	06/23/24
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	06/23/24	06/23/24
Xylene (total)	ND		ug/L	5.0	06/23/24	06/23/24
Surrogates	Limits					
Dibromofluoromethane	98%		%REC	70-130	06/23/24	06/23/24
1,2-Dichloroethane-d4	100%		%REC	70-130	06/23/24	06/23/24
Toluene-d8	99%		%REC	70-130	06/23/24	06/23/24
Bromofluorobenzene	99%		%REC	70-130	06/23/24	06/23/24

Batch QC

Type: Blank	Lab ID: QC1164988	Batch: 343813
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1164988 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	06/27/24	06/27/24
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	06/27/24	06/27/24
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	06/27/24	06/27/24
Freon 12	ND		ug/Kg	5.0	06/27/24	06/27/24
Chloromethane	ND		ug/Kg	5.0	06/27/24	06/27/24
Vinyl Chloride	ND		ug/Kg	5.0	06/27/24	06/27/24
Bromomethane	ND		ug/Kg	5.0	06/27/24	06/27/24
Chloroethane	ND		ug/Kg	5.0	06/27/24	06/27/24
Trichlorofluoromethane	ND		ug/Kg	5.0	06/27/24	06/27/24
Acetone	ND		ug/Kg	100	06/27/24	06/27/24
Freon 113	ND		ug/Kg	5.0	06/27/24	06/27/24
1,1-Dichloroethene	ND		ug/Kg	5.0	06/27/24	06/27/24
Methylene Chloride	ND		ug/Kg	5.0	06/27/24	06/27/24
MTBE	ND		ug/Kg	5.0	06/27/24	06/27/24
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	06/27/24	06/27/24
1,1-Dichloroethane	ND		ug/Kg	5.0	06/27/24	06/27/24
2-Butanone	ND		ug/Kg	100	06/27/24	06/27/24
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	06/27/24	06/27/24
2,2-Dichloropropane	ND		ug/Kg	5.0	06/27/24	06/27/24
Chloroform	ND		ug/Kg	5.0	06/27/24	06/27/24
Bromochloromethane	ND		ug/Kg	5.0	06/27/24	06/27/24
1,1,1-Trichloroethane	ND		ug/Kg	5.0	06/27/24	06/27/24
1,1-Dichloropropene	ND		ug/Kg	5.0	06/27/24	06/27/24
Carbon Tetrachloride	ND		ug/Kg	5.0	06/27/24	06/27/24
1,2-Dichloroethane	ND		ug/Kg	5.0	06/27/24	06/27/24
Benzene	ND		ug/Kg	5.0	06/27/24	06/27/24
Trichloroethene	ND		ug/Kg	5.0	06/27/24	06/27/24
1,2-Dichloropropane	ND		ug/Kg	5.0	06/27/24	06/27/24
Bromodichloromethane	ND		ug/Kg	5.0	06/27/24	06/27/24
Dibromomethane	ND		ug/Kg	5.0	06/27/24	06/27/24
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	06/27/24	06/27/24
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	06/27/24	06/27/24
Toluene	ND		ug/Kg	5.0	06/27/24	06/27/24
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	06/27/24	06/27/24
1,1,2-Trichloroethane	ND		ug/Kg	5.0	06/27/24	06/27/24
1,3-Dichloropropane	ND		ug/Kg	5.0	06/27/24	06/27/24
Tetrachloroethene	ND		ug/Kg	5.0	06/27/24	06/27/24
Dibromochloromethane	ND		ug/Kg	5.0	06/27/24	06/27/24
1,2-Dibromoethane	ND		ug/Kg	5.0	06/27/24	06/27/24
Chlorobenzene	ND		ug/Kg	5.0	06/27/24	06/27/24
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	06/27/24	06/27/24
Ethylbenzene	ND		ug/Kg	5.0	06/27/24	06/27/24
m,p-Xylenes	ND		ug/Kg	10	06/27/24	06/27/24
o-Xylene	ND		ug/Kg	5.0	06/27/24	06/27/24
Styrene	ND		ug/Kg	5.0	06/27/24	06/27/24
Bromoform	ND		ug/Kg	5.0	06/27/24	06/27/24
Isopropylbenzene	ND		ug/Kg	5.0	06/27/24	06/27/24

Batch QC

QC1164988 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	06/27/24	06/27/24
1,2,3-Trichloropropane	ND		ug/Kg	5.0	06/27/24	06/27/24
Propylbenzene	ND		ug/Kg	5.0	06/27/24	06/27/24
Bromobenzene	ND		ug/Kg	5.0	06/27/24	06/27/24
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	06/27/24	06/27/24
2-Chlorotoluene	ND		ug/Kg	5.0	06/27/24	06/27/24
4-Chlorotoluene	ND		ug/Kg	5.0	06/27/24	06/27/24
tert-Butylbenzene	ND		ug/Kg	5.0	06/27/24	06/27/24
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	06/27/24	06/27/24
sec-Butylbenzene	ND		ug/Kg	5.0	06/27/24	06/27/24
para-Isopropyl Toluene	ND		ug/Kg	5.0	06/27/24	06/27/24
1,3-Dichlorobenzene	ND		ug/Kg	5.0	06/27/24	06/27/24
1,4-Dichlorobenzene	ND		ug/Kg	5.0	06/27/24	06/27/24
n-Butylbenzene	ND		ug/Kg	5.0	06/27/24	06/27/24
1,2-Dichlorobenzene	ND		ug/Kg	5.0	06/27/24	06/27/24
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	06/27/24	06/27/24
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	06/27/24	06/27/24
Hexachlorobutadiene	ND		ug/Kg	5.0	06/27/24	06/27/24
Naphthalene	ND		ug/Kg	5.0	06/27/24	06/27/24
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	06/27/24	06/27/24
Xylene (total)	ND		ug/Kg	5.0	06/27/24	06/27/24
Surrogates	Limits					
Dibromofluoromethane	99%		%REC	70-130	06/27/24	06/27/24
1,2-Dichloroethane-d4	96%		%REC	70-145	06/27/24	06/27/24
Toluene-d8	101%		%REC	70-145	06/27/24	06/27/24
Bromofluorobenzene	104%		%REC	70-145	06/27/24	06/27/24

Type: Lab Control Sample	Lab ID: QC1164989	Batch: 343813
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1164989 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	55.56	50.00	ug/Kg	111%		70-131
MTBE	49.24	50.00	ug/Kg	98%		69-130
Benzene	45.65	50.00	ug/Kg	91%		70-130
Trichloroethene	40.49	50.00	ug/Kg	81%		70-130
Toluene	46.05	50.00	ug/Kg	92%		70-130
Chlorobenzene	46.42	50.00	ug/Kg	93%		70-130
Surrogates						
Dibromofluoromethane	49.32	50.00	ug/Kg	99%		70-130
1,2-Dichloroethane-d4	47.02	50.00	ug/Kg	94%		70-145
Toluene-d8	50.69	50.00	ug/Kg	101%		70-145
Bromofluorobenzene	49.01	50.00	ug/Kg	98%		70-145

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1164990	Batch: 343813
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1164990 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	57.25	50.00	ug/Kg	115%		70-131	3	33
MTBE	53.78	50.00	ug/Kg	108%		69-130	9	30
Benzene	46.78	50.00	ug/Kg	94%		70-130	2	30
Trichloroethene	43.86	50.00	ug/Kg	88%		70-130	8	30
Toluene	48.24	50.00	ug/Kg	96%		70-130	5	30
Chlorobenzene	48.66	50.00	ug/Kg	97%		70-130	5	30
Surrogates								
Dibromofluoromethane	51.02	50.00	ug/Kg	102%		70-130		
1,2-Dichloroethane-d4	49.45	50.00	ug/Kg	99%		70-145		
Toluene-d8	50.64	50.00	ug/Kg	101%		70-145		
Bromofluorobenzene	48.52	50.00	ug/Kg	97%		70-145		

Batch QC

Type: Blank	Lab ID: QC1164992	Batch: 343813
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1164992 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	250	06/27/24	06/27/24
cis-1,4-Dichloro-2-butene	ND		ug/Kg	250	06/27/24	06/27/24
trans-1,4-Dichloro-2-butene	ND		ug/Kg	250	06/27/24	06/27/24
Freon 12	ND		ug/Kg	250	06/27/24	06/27/24
Chloromethane	ND		ug/Kg	250	06/27/24	06/27/24
Vinyl Chloride	ND		ug/Kg	250	06/27/24	06/27/24
Bromomethane	ND		ug/Kg	250	06/27/24	06/27/24
Chloroethane	ND		ug/Kg	250	06/27/24	06/27/24
Trichlorofluoromethane	ND		ug/Kg	250	06/27/24	06/27/24
Acetone	ND		ug/Kg	5,000	06/27/24	06/27/24
Freon 113	ND		ug/Kg	250	06/27/24	06/27/24
1,1-Dichloroethene	ND		ug/Kg	250	06/27/24	06/27/24
Methylene Chloride	ND		ug/Kg	400	06/27/24	06/27/24
MTBE	ND		ug/Kg	250	06/27/24	06/27/24
trans-1,2-Dichloroethene	ND		ug/Kg	250	06/27/24	06/27/24
1,1-Dichloroethane	ND		ug/Kg	250	06/27/24	06/27/24
2-Butanone	ND		ug/Kg	5,000	06/27/24	06/27/24
cis-1,2-Dichloroethene	ND		ug/Kg	250	06/27/24	06/27/24
2,2-Dichloropropane	ND		ug/Kg	250	06/27/24	06/27/24
Chloroform	ND		ug/Kg	250	06/27/24	06/27/24
Bromochloromethane	ND		ug/Kg	250	06/27/24	06/27/24
1,1,1-Trichloroethane	ND		ug/Kg	250	06/27/24	06/27/24
1,1-Dichloropropene	ND		ug/Kg	250	06/27/24	06/27/24
Carbon Tetrachloride	ND		ug/Kg	250	06/27/24	06/27/24
1,2-Dichloroethane	ND		ug/Kg	250	06/27/24	06/27/24
Benzene	ND		ug/Kg	250	06/27/24	06/27/24
Trichloroethene	ND		ug/Kg	250	06/27/24	06/27/24
1,2-Dichloropropane	ND		ug/Kg	250	06/27/24	06/27/24
Bromodichloromethane	ND		ug/Kg	250	06/27/24	06/27/24
Dibromomethane	ND		ug/Kg	250	06/27/24	06/27/24
4-Methyl-2-Pentanone	ND		ug/Kg	250	06/27/24	06/27/24
cis-1,3-Dichloropropene	ND		ug/Kg	250	06/27/24	06/27/24
Toluene	ND		ug/Kg	250	06/27/24	06/27/24
trans-1,3-Dichloropropene	ND		ug/Kg	250	06/27/24	06/27/24
1,1,2-Trichloroethane	ND		ug/Kg	250	06/27/24	06/27/24
1,3-Dichloropropane	ND		ug/Kg	250	06/27/24	06/27/24
Tetrachloroethene	ND		ug/Kg	250	06/27/24	06/27/24
Dibromochloromethane	ND		ug/Kg	250	06/27/24	06/27/24
1,2-Dibromoethane	ND		ug/Kg	250	06/27/24	06/27/24
Chlorobenzene	ND		ug/Kg	250	06/27/24	06/27/24
1,1,1,2-Tetrachloroethane	ND		ug/Kg	250	06/27/24	06/27/24
Ethylbenzene	ND		ug/Kg	250	06/27/24	06/27/24
m,p-Xylenes	ND		ug/Kg	500	06/27/24	06/27/24
o-Xylene	ND		ug/Kg	250	06/27/24	06/27/24
Styrene	ND		ug/Kg	250	06/27/24	06/27/24
Bromoform	ND		ug/Kg	250	06/27/24	06/27/24
Isopropylbenzene	ND		ug/Kg	250	06/27/24	06/27/24

Batch QC

QC1164992 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,1,2,2-Tetrachloroethane	ND		ug/Kg	250	06/27/24	06/27/24
1,2,3-Trichloropropane	ND		ug/Kg	250	06/27/24	06/27/24
Propylbenzene	ND		ug/Kg	250	06/27/24	06/27/24
Bromobenzene	ND		ug/Kg	250	06/27/24	06/27/24
1,3,5-Trimethylbenzene	ND		ug/Kg	250	06/27/24	06/27/24
2-Chlorotoluene	ND		ug/Kg	250	06/27/24	06/27/24
4-Chlorotoluene	ND		ug/Kg	250	06/27/24	06/27/24
tert-Butylbenzene	ND		ug/Kg	250	06/27/24	06/27/24
1,2,4-Trimethylbenzene	ND		ug/Kg	250	06/27/24	06/27/24
sec-Butylbenzene	ND		ug/Kg	250	06/27/24	06/27/24
para-Isopropyl Toluene	ND		ug/Kg	250	06/27/24	06/27/24
1,3-Dichlorobenzene	ND		ug/Kg	250	06/27/24	06/27/24
1,4-Dichlorobenzene	ND		ug/Kg	250	06/27/24	06/27/24
n-Butylbenzene	ND		ug/Kg	250	06/27/24	06/27/24
1,2-Dichlorobenzene	ND		ug/Kg	250	06/27/24	06/27/24
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	250	06/27/24	06/27/24
1,2,4-Trichlorobenzene	ND		ug/Kg	250	06/27/24	06/27/24
Hexachlorobutadiene	ND		ug/Kg	250	06/27/24	06/27/24
Naphthalene	ND		ug/Kg	250	06/27/24	06/27/24
1,2,3-Trichlorobenzene	ND		ug/Kg	250	06/27/24	06/27/24
Xylene (total)	ND		ug/Kg	250	06/27/24	06/27/24
Surrogates	Limits					
Dibromofluoromethane	99%		%REC	70-130	06/27/24	06/27/24
1,2-Dichloroethane-d4	98%		%REC	70-145	06/27/24	06/27/24
Toluene-d8	102%		%REC	70-145	06/27/24	06/27/24
Bromofluorobenzene	106%		%REC	70-145	06/27/24	06/27/24

* Value is outside QC limits

ND Not Detected

Laboratory Job Number 510406

Subcontracted Products

AmeriSci



Please Reply To:

AmeriSci Los Angeles

24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

LABORATORY ELECTRONIC TRANSMITTAL

To: Project Manager
Enthalpy Analytical

Fax #:

Email: incomingreports@enthalpy.com

From: Thu M. Nguyen
AmeriSci Job #: 924061198
Subject: PLM-Bulk-Qualitative 5 day Resul
Client Project: EO-510406; (Report Amended
6/24/2024)

Date: Monday, June 24, 2024

Time: 11:31:21

Comments:

Number of Pages: _____
(including cover sheet)

NOTE: Attached report is to be considered preliminary until final review with accompanying analysis summary letter is issued.

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24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

PLM Bulk Asbestos Report

Enthalpy Analytical
Attn: Project Manager
931 W. Barkley Ave.

Orange, CA 92868

Date Received 06/18/24 **AmeriSci Job #** 924061198
Date Examined 06/20/24 **P.O. #** 067436
Page 1 of 2
RE: EO-510406; (Report Amended 6/24/2024)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
510406-001 Location: SB5-1 Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA NAD	924061198-01	No	NVA ¹ by Thu M. Nguyen on 06/20/24
510406-010 Location: SB7-1 Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA NAD	924061198-02	No	NVA ¹ by Thu M. Nguyen on 06/20/24
510406-013 Location: DL19-1 Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA NAD	924061198-03	No	NVA ¹ by Thu M. Nguyen on 06/20/24
510406-015 Location: SB9-1 Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA NAD	924061198-04	No	NVA ¹ by Thu M. Nguyen on 06/20/24
510406-025 Location: SB11-1 Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA NAD	924061198-05	No	NVA ¹ by Thu M. Nguyen on 06/20/24

See Reporting notes on last page

PLM Bulk Asbestos Report

EO-510406; (Report Amended 6/24/2024)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
510406-028 Location: DL16-1 Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA NAD	924061198-06	No	NVA ¹ by Thu M. Nguyen on 06/20/24
510406-034 Location: SB15-1 Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA NAD	924061198-07	No	NVA ¹ by Thu M. Nguyen on 06/20/24
510406-037 Location: DL7-1 Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA NAD	924061198-08	No	NVA ¹ by Thu M. Nguyen on 06/20/24

Reporting Notes:

(1) Qualitative PLM result may not be reliable for soil, tape, dust or debris samples due to high variability in particle and aggregate size.

Analyzed by: Thu M. Nguyen

Date: 6/20/2024



Reviewed by: Lateef McIntosh



*NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; NVA = No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/R-93/116, including requirements for EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.

AmeriSci Los Angeles	Report Amendment Explanation Form (append to amended report)	Date Amended 6/24/2024

Client: Enthalpy Analytical

AmeriSci Job #: 924061198

Client Job: EO-510406

Analysis Type: PLM-Bulk-Qualitative

AmeriSci Sample
#s affected: 924061198

Amended by
(print/sign): Beatriz Arellano

Original Item(s)
Being Amended: P.O NUMBER

Changes Made: ADDED P.O. NUMBER 067436

Reason for
Changes: CLIENT ADDED P.O. NUMBER

Attach original sheet with incorrect item or items to be amended clearly indicated or circled.



ENTHALPY ANALYTICAL

Enthalpy Analytical - Orange
Orange, CA 92868
(714) 771-6900 / Fax: (510) 486-0532

924061198

Enthalpy Order: EO-510406

Subcontract Laboratory:

AmeriSci
24416 S. Main Street
Suite 308
Carson, CA 90745
ATTN: Sample Control
PO #: Required, to be sent via email

PM: Patty Mata
Email: patty.mata@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard
TAT

Report Level: II
Report To: RL
EDDs:

Notes:

Need asbestos PLM P/A tests.

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
SB5-1	14-JUN-2024 07:10	510406-001	1	Soil	Asbestos by PLM	
SB7-1	14-JUN-2024 08:20	510406-010	1	Soil	Asbestos by PLM	
DL19-1	14-JUN-2024 08:40	510406-013	1	Soil	Asbestos by PLM	
SB9-1	14-JUN-2024 08:55	510406-015	1	Soil	Asbestos by PLM	
SB11-1	14-JUN-2024 10:30	510406-025	1	Soil	Asbestos by PLM	
DL16-1	14-JUN-2024 11:10	510406-028	1	Soil	Asbestos by PLM	
SB15-1	14-JUN-2024 12:05	510406-034	1	Soil	Asbestos by PLM	
DL7-1	14-JUN-2024 12:20	510406-037	1	Soil	Asbestos by PLM	

Notes:	Relinquished By:	Received By:
		BArellano
	Date: 6/18/24 1658	Date: 6/18/24 @ 1700
	Date:	Date:
	Date:	Date:



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

enthalpy.com

Lab Job Number : 510441
Report Level : II
Report Date : 07/01/2024

Analytical Report *prepared for:*

Parya Saneipoor
Millenium Consulting Associates
4683 Chabot Drive, Suite 380
Pleasanton, CA 94588

Project: LAUSD FAIRFAX - LAUSD Fairfax HS, 12060.2010

Authorized for release by:

Patty Mata, Project Manager
patty.mata@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

Parya Saneipoor	Lab Job #:	510441
Millenium Consulting	Project No:	LAUSD FAIRFAX
Associates	Location:	LAUSD Fairfax HS, 12060.2010
4683 Chabot Drive, Suite 380	Date Received:	06/17/24
Pleasanton, CA 94588		

Sample ID	Lab ID	Collected	Matrix
SB12-1	510441-001	06/17/24 07:05	Soil
SB12-3	510441-002	06/17/24 07:10	Soil
SB12-5	510441-003	06/17/24 07:15	Soil
SB17-1	510441-004	06/17/24 07:35	Soil
SB17-3	510441-005	06/17/24 07:40	Soil
SB17-3DUP	510441-006	06/17/24 07:42	Soil
SB17-5	510441-007	06/17/24 07:45	Soil
SB16-1	510441-008	06/17/24 07:47	Soil
SB16-3	510441-009	06/17/24 07:55	Soil
SB16-5	510441-010	06/17/24 08:00	Soil
DL13-1	510441-011	06/17/24 08:30	Soil
DL13-3	510441-012	06/17/24 08:40	Soil
DL14-1	510441-013	06/17/24 08:57	Soil
DL14-3DUP	510441-014	06/17/24 09:00	Soil
DL14-3	510441-015	06/17/24 09:02	Soil
SB18-1	510441-016	06/17/24 09:40	Soil
SB18-3	510441-017	06/17/24 09:45	Soil
SB18-5	510441-018	06/17/24 09:50	Soil
SB20-1	510441-019	06/17/24 10:00	Soil
SB20-3	510441-020	06/17/24 10:03	Soil
SB20-5	510441-021	06/17/24 10:06	Soil
SB19-1	510441-022	06/17/24 10:15	Soil
SB19-3	510441-023	06/17/24 10:20	Soil
SB19-5	510441-024	06/17/24 10:25	Soil
TB-061724	510441-025	06/17/24 08:00	Water
EB-061724	510441-026	06/17/24 10:40	Water

Sample Summary

Parya Saneipoor	Lab Job #:	510441
Millenium Consulting	Project No:	LAUSD FAIRFAX
Associates	Location:	LAUSD Fairfax HS, 12060.2010
4683 Chabot Drive, Suite 380	Date Received:	06/17/24
Pleasanton, CA 94588		

Sample ID	Lab ID	Collected	Matrix
DL1-1	510441-027	06/17/24 11:05	Soil
DL1-3	510441-028	06/17/24 11:10	Soil
SD1	510441-029	06/17/24 11:40	Soil
WD1	510441-030	06/17/24 11:45	Water

Case Narrative

Millenium Consulting Associates
4683 Chabot Drive, Suite 380
Pleasanton, CA 94588
Parya Saneipoor

Lab Job 510441
Number:
Project No: LAUSD FAIRFAX
Location: LAUSD Fairfax HS,
12060.2010

Date Received: 06/17/24

This data package contains sample and QC results for twenty one soil samples and three water samples, requested for the above referenced project on 06/17/24. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):

No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B) Water:

No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015M) Soil:

- High recovery was observed for diesel C10-C28 in the MSD of SD1 (lab # 510441-029); the LCS was within limits, and the high recovery was not associated with any reported results. High RPD was also observed for diesel C10-C28 in the MS/MSD of SD1 (lab # 510441-029); the high RPD was not associated with any reported results.
- No other analytical problems were encountered.

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

- WD1 (lab # 510441-030) was diluted due to foaming seen during purge step of analysis. Elevated reporting limits were due to necessary dilution.
- No other analytical problems were encountered.

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

No analytical problems were encountered.

Pesticides (EPA 8081A):

- High recovery was observed for endrin ketone in the MSD of SB12-1 (lab # 510441-001); the LCS was within limits, and this analyte was not detected at or above the RL in the associated samples. High RPD was observed for a number of analytes in the MS/MSD of SB12-1 (lab # 510441-001); these analytes were not detected at or above the RL in the associated samples.
- High surrogate recoveries were observed for decachlorobiphenyl in SB12-1 (lab # 510441-001), SB17-3 (lab # 510441-005), and the MS/MSD of SB12-1 (lab # 510441-001); the corresponding TCMX surrogate recoveries were within limits.
- DL13-1 (lab # 510441-011) was diluted due to the color of the sample extract. Extract color and/or viscosity are used as indicators of possible matrix interference. Elevated reporting limits were due to the necessary dilution.
- No other analytical problems were encountered.

PCBs (EPA 8082):

- DL13-1 (lab # 510441-011) was treated with sulfuric acid to reduce analytical interferences or due to the presence of color.
- No other analytical problems were encountered.

Metals (EPA 6010B and EPA 7470A) Water:

No analytical problems were encountered.

Metals (EPA 6010B, EPA 6020, and EPA 7471A) Soil:

- Low recoveries were observed for antimony in the MS/MSD of SB12-1 (lab # 510441-001); the LCS was within limits, the associated RPD was within limits, and these low recoveries were not associated with any reported results.
- Low recoveries were observed for antimony in the MS/MSD of SB19-3 (lab # 510441-023); the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

Hexavalent Chromium by Ion Chromatograph (EPA 7199):

No analytical problems were encountered.

Asbestos by PLM (EPA 600/R-93-116):

AmeriSci in Carson, CA performed the analysis (see sublab report section for certifications). Please see the AmeriSci case narrative.

				Chain of Custody Record				Turn Around Time (rush by advanced notice only)							
				Lab No: S10641		Standard:		5 Day:		3 Day:					
Page: 2 of 3				Matrix: A = Air S = Soil/Solid		1 Day:		Custom TAT:							
W = Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other (lab use only)				Preservatives: = HCl 3 = HNO ₃ 4 = H ₂ SO ₄ 5 = NaOH 6 = Other				Sample Receipt Temp:							
												PROJECT INFORMATION			
												ANALYSIS REQUEST			
												TEST INSTRUCTIONS / COMMENTS			
Company:	Millennium Consulting Associates	Name:	Cornelius Harris, Parya Sanelipoor												
Report To:	Parya Sanelipoor	Number:	12060.2010												
Email:	psanelipoor@mecaenviro.com	P.O. #:	PS061224												
Address:	4683 Chabot Drive Suite 380	Address:	Fairfax High School												
Phone:	(925)-808-6700	Global ID:	7850 Melrose Ave., Los Angeles												
Fax:		Sampled By:	Cornelius Harris												
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.										
1 DL13-1		0830		3											
2 DL13-3		0840		2											
3 DL14-1		0857		2											
4 DL14-30UP		0900		2											
5 DL14-3		0902		2											
6 SB12-1		0940		2											
7 SB12-3		0945		2											
8 SB12-5		0950		2											
9 SB20-1		1000		2											
10 SB20-3		1003		2											
Signature		Print Name		Company / Title		Date / Time									
		Ryne Adams		MECA		6/17/24 1206									
		Parya Sanelipoor		GA		6/17/24 1205									
		Parya Sanelipoor		GA		6/17/24 1205									
		Anna K. Sanelipoor		GA		6/17/24 1350									
		Parya Sanelipoor													
		Parya Sanelipoor													

Chain of Custody Record				Turn Around Time (rush by advanced notice only)							
ENTHALPY ANALYTICAL		Lab No: S10441		Standard:		5 Day:					
Page: 3 of 3		2 Day:		1 Day:		Custom TAT:					
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)			
PROJECT INFORMATION				Analysis Request							
Company: Millennium Consulting Associates Report To: Parya Saneipoor Email: psaneipoor@mecaenviro.com Address: 4683 Chabot Drive Suite 380 Phone: (925)-808-6700 Fax:				Name: Cornelius Harris, Parya Saneipoor Number: 12060.2010 P.O. #: PS061224 Address: Fairfax High School Global ID: 7850 Melrose Ave., Los Angeles Sampled By: Cornelius Harris				Test Instructions / Comments: Standard TAT			
Sample ID				Sample							
Sampling Date				Sampling Time							
Matrix				Container No. / Size							
Pres.				Hold							
1 SB20-5				6/17/24 1006							
2 SB19-1				1015							
3 SB19-3				1020							
4 SB19-5				1025							
5 TB-061724				0800							
6 EB-061724				1040							
7 DL1-1				1105							
8 DL1-3				1110							
9 SD1				1140							
10 WD1				1145							
Signature				Print Name							
Date / Time				Company / Title							
1 Relinquished By: <i>[Signature]</i>				6/17/24 1206							
1 Received By: <i>[Signature]</i>				6/17/24 1206							
2 Relinquished By: <i>[Signature]</i>				6/17/24 1250							
2 Received By: <i>[Signature]</i>				6/17/24 1350							
3 Relinquished By: <i>[Signature]</i>				6/17/24 1350							
3 Received By: <i>[Signature]</i>				6/17/24 1350							



ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Millennium Consulting Associates

Project: LAUSD Fairfax

Date Received: 6/17/24

Sampler's Name Present: ☒ Yes ☐ No

Section 2

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

Sample Temp (°C), One from each cooler: #1: 3.7 #2: 4.3 #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: 1.9 #2: 2.3 #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

Labeled over 5035 kits weight.

Section 6

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

☒ Email (email sent to/on) PAM / 6/17/24

Project Manager's response: _____

Completed By: _____

Date: 6/17/24

Analysis Results for 510441

Parya Saneipoor
Millenium Consulting Associates
4683 Chabot Drive, Suite 380
Pleasanton, CA 94588

Lab Job #: 510441
Project No: LAUSD FAIRFAX
Location: LAUSD Fairfax HS, 12060.2010
Date Received: 06/17/24

Sample ID: SB12-1

Lab ID: 510441-001

Collected: 06/17/24 07:05

Matrix: Soil

510441-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	2.2		mg/Kg	0.95	0.95	342984	06/17/24	06/17/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.8		mg/Kg	0.95	0.95	342985	06/17/24	06/19/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
beta-BHC	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
gamma-BHC	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
delta-BHC	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Heptachlor	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Aldrin	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endosulfan I	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Dieldrin	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
4,4'-DDE	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endrin	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endosulfan II	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
4,4'-DDD	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endrin aldehyde	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endrin ketone	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
4,4'-DDT	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Methoxychlor	ND		ug/Kg	10	1	343246	06/20/24	06/20/24	KLR
Toxaphene	ND		ug/Kg	100	1	343246	06/20/24	06/20/24	KLR
Chlordane (Technical)	ND		ug/Kg	50	1	343246	06/20/24	06/20/24	KLR
Surrogates	Limits								
TCMX	93%		%REC	23-120	1	343246	06/20/24	06/20/24	KLR
Decachlorobiphenyl	122%	*	%REC	24-120	1	343246	06/20/24	06/20/24	KLR

Analysis Results for 510441

Sample ID: SB12-3
Lab ID: 510441-002
Collected: 06/17/24 07:10
Matrix: Soil

510441-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	11		mg/Kg	0.99	0.99	342984	06/17/24	06/17/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	3.1		mg/Kg	0.99	0.99	342985	06/17/24	06/19/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
beta-BHC	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
gamma-BHC	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
delta-BHC	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Heptachlor	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Aldrin	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endosulfan I	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Dieldrin	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
4,4'-DDE	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endrin	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endosulfan II	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
4,4'-DDD	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endrin aldehyde	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endrin ketone	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
4,4'-DDT	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Methoxychlor	ND		ug/Kg	10	1	343246	06/20/24	06/20/24	KLR
Toxaphene	ND		ug/Kg	100	1	343246	06/20/24	06/20/24	KLR
Chlordane (Technical)	ND		ug/Kg	50	1	343246	06/20/24	06/20/24	KLR
Surrogates	Limits								
TCMX	98%		%REC	23-120	1	343246	06/20/24	06/20/24	KLR
Decachlorobiphenyl	118%		%REC	24-120	1	343246	06/20/24	06/20/24	KLR

Analysis Results for 510441

Sample ID: SB17-1
Lab ID: 510441-004
Collected: 06/17/24 07:35
Matrix: Soil

510441-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	1.9		mg/Kg	0.96	0.96	342984	06/17/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	4.1		mg/Kg	0.96	0.96	342985	06/17/24	06/19/24	DXC
Method: EPA 7199 Prep Method: EPA 3060A									
Hexavalent Chromium	ND		mg/Kg	0.40	1	343404	06/21/24 13:28	06/25/24 03:54	AJL
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	343393	06/21/24	06/21/24	KLR
beta-BHC	ND		ug/Kg	5.1	1	343393	06/21/24	06/21/24	KLR
gamma-BHC	ND		ug/Kg	5.1	1	343393	06/21/24	06/21/24	KLR
delta-BHC	ND		ug/Kg	5.1	1	343393	06/21/24	06/21/24	KLR
Heptachlor	ND		ug/Kg	5.1	1	343393	06/21/24	06/21/24	KLR
Aldrin	ND		ug/Kg	5.1	1	343393	06/21/24	06/21/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.1	1	343393	06/21/24	06/21/24	KLR
Endosulfan I	ND		ug/Kg	5.1	1	343393	06/21/24	06/21/24	KLR
Dieldrin	ND		ug/Kg	5.1	1	343393	06/21/24	06/21/24	KLR
4,4'-DDE	ND		ug/Kg	5.1	1	343393	06/21/24	06/21/24	KLR
Endrin	ND		ug/Kg	5.1	1	343393	06/21/24	06/21/24	KLR
Endosulfan II	ND		ug/Kg	5.1	1	343393	06/21/24	06/21/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.1	1	343393	06/21/24	06/21/24	KLR
4,4'-DDD	ND		ug/Kg	5.1	1	343393	06/21/24	06/21/24	KLR
Endrin aldehyde	ND		ug/Kg	5.1	1	343393	06/21/24	06/21/24	KLR
Endrin ketone	ND		ug/Kg	5.1	1	343393	06/21/24	06/21/24	KLR
4,4'-DDT	ND		ug/Kg	5.1	1	343393	06/21/24	06/21/24	KLR
Methoxychlor	ND		ug/Kg	10	1	343393	06/21/24	06/21/24	KLR
Toxaphene	ND		ug/Kg	100	1	343393	06/21/24	06/21/24	KLR
Chlordane (Technical)	ND		ug/Kg	51	1	343393	06/21/24	06/21/24	KLR
Surrogates				Limits					
TCMX	68%		%REC	23-120	1	343393	06/21/24	06/21/24	KLR
Decachlorobiphenyl	72%		%REC	24-120	1	343393	06/21/24	06/21/24	KLR
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	51	1	343393	06/21/24	06/21/24	KLR
Aroclor-1221	ND		ug/Kg	51	1	343393	06/21/24	06/21/24	KLR
Aroclor-1232	ND		ug/Kg	51	1	343393	06/21/24	06/21/24	KLR
Aroclor-1242	ND		ug/Kg	51	1	343393	06/21/24	06/21/24	KLR
Aroclor-1248	ND		ug/Kg	51	1	343393	06/21/24	06/21/24	KLR
Aroclor-1254	ND		ug/Kg	51	1	343393	06/21/24	06/21/24	KLR
Aroclor-1260	ND		ug/Kg	51	1	343393	06/21/24	06/21/24	KLR
Aroclor-1262	ND		ug/Kg	51	1	343393	06/21/24	06/21/24	KLR
Aroclor-1268	ND		ug/Kg	51	1	343393	06/21/24	06/21/24	KLR
Surrogates				Limits					
Decachlorobiphenyl (PCB)	70%		%REC	19-121	1	343393	06/21/24	06/21/24	KLR

Analysis Results for 510441

Sample ID: SB17-3
Lab ID: 510441-005
Collected: 06/17/24 07:40
Matrix: Soil

510441-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	3.0		mg/Kg	0.97	0.97	342984	06/17/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.8		mg/Kg	0.97	0.97	342985	06/17/24	06/19/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
beta-BHC	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
gamma-BHC	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
delta-BHC	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
Heptachlor	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
Aldrin	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
Endosulfan I	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
Dieldrin	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
4,4'-DDE	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
Endrin	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
Endosulfan II	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
4,4'-DDD	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
Endrin aldehyde	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
Endrin ketone	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
4,4'-DDT	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
Methoxychlor	ND		ug/Kg	10	1	343246	06/20/24	06/20/24	KLR
Toxaphene	ND		ug/Kg	100	1	343246	06/20/24	06/20/24	KLR
Chlordane (Technical)	ND		ug/Kg	51	1	343246	06/20/24	06/20/24	KLR
Surrogates	Limits								
TCMX	93%		%REC	23-120	1	343246	06/20/24	06/20/24	KLR
Decachlorobiphenyl	122%	*	%REC	24-120	1	343246	06/20/24	06/20/24	KLR

Analysis Results for 510441

Sample ID: SB17-3DUP
Lab ID: 510441-006
Collected: 06/17/24 07:42
Matrix: Soil

510441-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	2.9		mg/Kg	0.98	0.98	342984	06/17/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.6		mg/Kg	0.98	0.98	342985	06/17/24	06/19/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
beta-BHC	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
gamma-BHC	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
delta-BHC	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Heptachlor	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Aldrin	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endosulfan I	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Dieldrin	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
4,4'-DDE	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endrin	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endosulfan II	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
4,4'-DDD	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endrin aldehyde	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endrin ketone	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
4,4'-DDT	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Methoxychlor	ND		ug/Kg	10	1	343246	06/20/24	06/20/24	KLR
Toxaphene	ND		ug/Kg	100	1	343246	06/20/24	06/20/24	KLR
Chlordane (Technical)	ND		ug/Kg	50	1	343246	06/20/24	06/20/24	KLR
Surrogates	Limits								
TCMX	94%		%REC	23-120	1	343246	06/20/24	06/20/24	KLR
Decachlorobiphenyl	120%		%REC	24-120	1	343246	06/20/24	06/20/24	KLR

Analysis Results for 510441

Sample ID: SB16-1
Lab ID: 510441-008
Collected: 06/17/24 07:47
Matrix: Soil

510441-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	7.2		mg/Kg	1.0	1	342984	06/17/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	4.9		mg/Kg	1.0	1	342985	06/17/24	06/19/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
beta-BHC	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
gamma-BHC	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
delta-BHC	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Heptachlor	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Aldrin	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endosulfan I	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Dieldrin	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
4,4'-DDE	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endrin	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endosulfan II	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
4,4'-DDD	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endrin aldehyde	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endrin ketone	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
4,4'-DDT	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Methoxychlor	ND		ug/Kg	10	1	343246	06/20/24	06/20/24	KLR
Toxaphene	ND		ug/Kg	100	1	343246	06/20/24	06/20/24	KLR
Chlordane (Technical)	ND		ug/Kg	50	1	343246	06/20/24	06/20/24	KLR
Surrogates	Limits								
TCMX	80%		%REC	23-120	1	343246	06/20/24	06/20/24	KLR
Decachlorobiphenyl	93%		%REC	24-120	1	343246	06/20/24	06/20/24	KLR

Analysis Results for 510441

Sample ID: SB16-3
Lab ID: 510441-009
Collected: 06/17/24 07:55
Matrix: Soil

510441-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	2.9		mg/Kg	0.95	0.95	342984	06/17/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	3.1		mg/Kg	0.95	0.95	342985	06/17/24	06/19/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	343246	06/20/24	06/20/24	KLR
beta-BHC	ND		ug/Kg	5.0	0.99	343246	06/20/24	06/20/24	KLR
gamma-BHC	ND		ug/Kg	5.0	0.99	343246	06/20/24	06/20/24	KLR
delta-BHC	ND		ug/Kg	5.0	0.99	343246	06/20/24	06/20/24	KLR
Heptachlor	ND		ug/Kg	5.0	0.99	343246	06/20/24	06/20/24	KLR
Aldrin	ND		ug/Kg	5.0	0.99	343246	06/20/24	06/20/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	343246	06/20/24	06/20/24	KLR
Endosulfan I	ND		ug/Kg	5.0	0.99	343246	06/20/24	06/20/24	KLR
Dieldrin	ND		ug/Kg	5.0	0.99	343246	06/20/24	06/20/24	KLR
4,4'-DDE	ND		ug/Kg	5.0	0.99	343246	06/20/24	06/20/24	KLR
Endrin	ND		ug/Kg	5.0	0.99	343246	06/20/24	06/20/24	KLR
Endosulfan II	ND		ug/Kg	5.0	0.99	343246	06/20/24	06/20/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	343246	06/20/24	06/20/24	KLR
4,4'-DDD	ND		ug/Kg	5.0	0.99	343246	06/20/24	06/20/24	KLR
Endrin aldehyde	ND		ug/Kg	5.0	0.99	343246	06/20/24	06/20/24	KLR
Endrin ketone	ND		ug/Kg	5.0	0.99	343246	06/20/24	06/20/24	KLR
4,4'-DDT	ND		ug/Kg	5.0	0.99	343246	06/20/24	06/20/24	KLR
Methoxychlor	ND		ug/Kg	9.9	0.99	343246	06/20/24	06/20/24	KLR
Toxaphene	ND		ug/Kg	99	0.99	343246	06/20/24	06/20/24	KLR
Chlordane (Technical)	ND		ug/Kg	50	0.99	343246	06/20/24	06/20/24	KLR
Surrogates	Limits								
TCMX	91%		%REC	23-120	0.99	343246	06/20/24	06/20/24	KLR
Decachlorobiphenyl	114%		%REC	24-120	0.99	343246	06/20/24	06/20/24	KLR

Analysis Results for 510441

Sample ID: DL13-1
Lab ID: 510441-011
Collected: 06/17/24 08:30
Matrix: Soil

510441-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	23		mg/Kg	0.99	0.99	342984	06/17/24	06/17/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	5.0		mg/Kg	0.99	0.99	342985	06/17/24	06/19/24	DXC
Method: EPA 7199 Prep Method: EPA 3060A									
Hexavalent Chromium	ND		mg/Kg	0.40	0.99	343404	06/21/24 13:28	06/25/24 06:39	AJL
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	10	2	343393	06/21/24	06/21/24	KLR
beta-BHC	ND		ug/Kg	10	2	343393	06/21/24	06/21/24	KLR
gamma-BHC	ND		ug/Kg	10	2	343393	06/21/24	06/21/24	KLR
delta-BHC	ND		ug/Kg	10	2	343393	06/21/24	06/21/24	KLR
Heptachlor	ND		ug/Kg	10	2	343393	06/21/24	06/21/24	KLR
Aldrin	ND		ug/Kg	10	2	343393	06/21/24	06/21/24	KLR
Heptachlor epoxide	ND		ug/Kg	10	2	343393	06/21/24	06/21/24	KLR
Endosulfan I	ND		ug/Kg	10	2	343393	06/21/24	06/21/24	KLR
Dieldrin	ND		ug/Kg	10	2	343393	06/21/24	06/21/24	KLR
4,4'-DDE	44		ug/Kg	10	2	343393	06/21/24	06/21/24	KLR
Endrin	ND		ug/Kg	10	2	343393	06/21/24	06/21/24	KLR
Endosulfan II	ND		ug/Kg	10	2	343393	06/21/24	06/21/24	KLR
Endosulfan sulfate	ND		ug/Kg	10	2	343393	06/21/24	06/21/24	KLR
4,4'-DDD	ND		ug/Kg	10	2	343393	06/21/24	06/21/24	KLR
Endrin aldehyde	ND		ug/Kg	10	2	343393	06/21/24	06/21/24	KLR
Endrin ketone	ND		ug/Kg	10	2	343393	06/21/24	06/21/24	KLR
4,4'-DDT	ND		ug/Kg	10	2	343393	06/21/24	06/21/24	KLR
Methoxychlor	ND		ug/Kg	20	2	343393	06/21/24	06/21/24	KLR
Toxaphene	ND		ug/Kg	200	2	343393	06/21/24	06/21/24	KLR
Chlordane (Technical)	140		ug/Kg	100	2	343393	06/21/24	06/21/24	KLR
Surrogates				Limits					
TCMX	85%		%REC	23-120	2	343393	06/21/24	06/21/24	KLR
Decachlorobiphenyl	85%		%REC	24-120	2	343393	06/21/24	06/21/24	KLR
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	50	1	343393	06/21/24	06/22/24	KLR
Aroclor-1221	ND		ug/Kg	50	1	343393	06/21/24	06/22/24	KLR
Aroclor-1232	ND		ug/Kg	50	1	343393	06/21/24	06/22/24	KLR
Aroclor-1242	ND		ug/Kg	50	1	343393	06/21/24	06/22/24	KLR
Aroclor-1248	ND		ug/Kg	50	1	343393	06/21/24	06/22/24	KLR
Aroclor-1254	ND		ug/Kg	50	1	343393	06/21/24	06/22/24	KLR
Aroclor-1260	ND		ug/Kg	50	1	343393	06/21/24	06/22/24	KLR
Aroclor-1262	ND		ug/Kg	50	1	343393	06/21/24	06/22/24	KLR
Aroclor-1268	ND		ug/Kg	50	1	343393	06/21/24	06/22/24	KLR
Surrogates				Limits					
Decachlorobiphenyl (PCB)	105%		%REC	19-121	1	343393	06/21/24	06/22/24	KLR

Analysis Results for 510441

Sample ID: DL13-3
Lab ID: 510441-012
Collected: 06/17/24 08:40
Matrix: Soil

510441-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	2.8		mg/Kg	0.97	0.97	342984	06/17/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.9		mg/Kg	0.97	0.97	342985	06/17/24	06/19/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
beta-BHC	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
gamma-BHC	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
delta-BHC	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Heptachlor	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Aldrin	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Heptachlor epoxide	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Endosulfan I	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Dieldrin	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
4,4'-DDE	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Endrin	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Endosulfan II	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Endosulfan sulfate	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
4,4'-DDD	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Endrin aldehyde	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Endrin ketone	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
4,4'-DDT	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Methoxychlor	ND		ug/Kg	9.8	0.98	343246	06/20/24	06/20/24	KLR
Toxaphene	ND		ug/Kg	98	0.98	343246	06/20/24	06/20/24	KLR
Chlordane (Technical)	ND		ug/Kg	49	0.98	343246	06/20/24	06/20/24	KLR
Surrogates	Limits								
TCMX	91%		%REC	23-120	0.98	343246	06/20/24	06/20/24	KLR
Decachlorobiphenyl	113%		%REC	24-120	0.98	343246	06/20/24	06/20/24	KLR

Analysis Results for 510441

Sample ID: DL14-1
Lab ID: 510441-013
Collected: 06/17/24 08:57
Matrix: Soil

510441-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	2.6		mg/Kg	0.95	0.95	342984	06/17/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	3.5		mg/Kg	0.95	0.95	342985	06/17/24	06/19/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
beta-BHC	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
gamma-BHC	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
delta-BHC	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Heptachlor	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Aldrin	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endosulfan I	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Dieldrin	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
4,4'-DDE	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endrin	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endosulfan II	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
4,4'-DDD	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endrin aldehyde	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endrin ketone	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
4,4'-DDT	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Methoxychlor	ND		ug/Kg	10	1	343246	06/20/24	06/20/24	KLR
Toxaphene	ND		ug/Kg	100	1	343246	06/20/24	06/20/24	KLR
Chlordane (Technical)	ND		ug/Kg	50	1	343246	06/20/24	06/20/24	KLR
Surrogates	Limits								
TCMX	88%		%REC	23-120	1	343246	06/20/24	06/20/24	KLR
Decachlorobiphenyl	104%		%REC	24-120	1	343246	06/20/24	06/20/24	KLR

Analysis Results for 510441

Sample ID: DL14-3DUP	Lab ID: 510441-014	Collected: 06/17/24 09:00
	Matrix: Soil	

510441-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	2.6		mg/Kg	0.95	0.95	342984	06/17/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.7		mg/Kg	0.95	0.95	342985	06/17/24	06/19/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
beta-BHC	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
gamma-BHC	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
delta-BHC	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Heptachlor	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Aldrin	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endosulfan I	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Dieldrin	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
4,4'-DDE	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endrin	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endosulfan II	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
4,4'-DDD	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endrin aldehyde	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endrin ketone	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
4,4'-DDT	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Methoxychlor	ND		ug/Kg	10	1	343246	06/20/24	06/20/24	KLR
Toxaphene	ND		ug/Kg	100	1	343246	06/20/24	06/20/24	KLR
Chlordane (Technical)	ND		ug/Kg	50	1	343246	06/20/24	06/20/24	KLR
Surrogates	Limits								
TCMX	90%		%REC	23-120	1	343246	06/20/24	06/20/24	KLR
Decachlorobiphenyl	115%		%REC	24-120	1	343246	06/20/24	06/20/24	KLR

Analysis Results for 510441

Sample ID: DL14-3
Lab ID: 510441-015
Collected: 06/17/24 09:02
Matrix: Soil

510441-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	2.8		mg/Kg	0.95	0.95	342984	06/17/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.6		mg/Kg	0.95	0.95	342985	06/17/24	06/19/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
beta-BHC	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
gamma-BHC	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
delta-BHC	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Heptachlor	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Aldrin	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endosulfan I	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Dieldrin	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
4,4'-DDE	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endrin	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endosulfan II	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
4,4'-DDD	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endrin aldehyde	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endrin ketone	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
4,4'-DDT	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Methoxychlor	ND		ug/Kg	10	1	343246	06/20/24	06/20/24	KLR
Toxaphene	ND		ug/Kg	100	1	343246	06/20/24	06/20/24	KLR
Chlordane (Technical)	ND		ug/Kg	50	1	343246	06/20/24	06/20/24	KLR
Surrogates	Limits								
TCMX	90%		%REC	23-120	1	343246	06/20/24	06/20/24	KLR
Decachlorobiphenyl	105%		%REC	24-120	1	343246	06/20/24	06/20/24	KLR

Analysis Results for 510441

Sample ID: SB18-1
Lab ID: 510441-016
Collected: 06/17/24 09:40
Matrix: Soil

510441-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	1.9		mg/Kg	0.96	0.96	342984	06/17/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.2		mg/Kg	0.96	0.96	342985	06/17/24	06/26/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
beta-BHC	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
gamma-BHC	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
delta-BHC	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Heptachlor	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Aldrin	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Heptachlor epoxide	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Endosulfan I	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Dieldrin	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
4,4'-DDE	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Endrin	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Endosulfan II	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Endosulfan sulfate	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
4,4'-DDD	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Endrin aldehyde	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Endrin ketone	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
4,4'-DDT	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Methoxychlor	ND		ug/Kg	9.8	0.98	343246	06/20/24	06/20/24	KLR
Toxaphene	ND		ug/Kg	98	0.98	343246	06/20/24	06/20/24	KLR
Chlordane (Technical)	ND		ug/Kg	49	0.98	343246	06/20/24	06/20/24	KLR
Surrogates	Limits								
TCMX	91%		%REC	23-120	0.98	343246	06/20/24	06/20/24	KLR
Decachlorobiphenyl	105%		%REC	24-120	0.98	343246	06/20/24	06/20/24	KLR

Analysis Results for 510441

Sample ID: SB18-3	Lab ID: 510441-017	Collected: 06/17/24 09:45
	Matrix: Soil	

510441-017 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	14		mg/Kg	0.99	0.99	342984	06/17/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	1.8		mg/Kg	0.99	0.99	342985	06/17/24	06/19/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
beta-BHC	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
gamma-BHC	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
delta-BHC	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Heptachlor	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Aldrin	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Heptachlor epoxide	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Endosulfan I	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Dieldrin	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
4,4'-DDE	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Endrin	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Endosulfan II	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Endosulfan sulfate	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
4,4'-DDD	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Endrin aldehyde	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Endrin ketone	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
4,4'-DDT	ND		ug/Kg	4.9	0.98	343246	06/20/24	06/20/24	KLR
Methoxychlor	ND		ug/Kg	9.8	0.98	343246	06/20/24	06/20/24	KLR
Toxaphene	ND		ug/Kg	98	0.98	343246	06/20/24	06/20/24	KLR
Chlordane (Technical)	ND		ug/Kg	49	0.98	343246	06/20/24	06/20/24	KLR
Surrogates	Limits								
TCMX	88%		%REC	23-120	0.98	343246	06/20/24	06/20/24	KLR
Decachlorobiphenyl	103%		%REC	24-120	0.98	343246	06/20/24	06/20/24	KLR

Analysis Results for 510441

Sample ID: SB20-1	Lab ID: 510441-019	Collected: 06/17/24 10:00
	Matrix: Soil	

510441-019 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	10		mg/Kg	0.96	0.96	342984	06/17/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.2		mg/Kg	0.96	0.96	342985	06/17/24	06/19/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
beta-BHC	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
gamma-BHC	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
delta-BHC	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
Heptachlor	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
Aldrin	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
Endosulfan I	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
Dieldrin	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
4,4'-DDE	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
Endrin	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
Endosulfan II	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
4,4'-DDD	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
Endrin aldehyde	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
Endrin ketone	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
4,4'-DDT	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
Methoxychlor	ND		ug/Kg	10	1	343246	06/20/24	06/20/24	KLR
Toxaphene	ND		ug/Kg	100	1	343246	06/20/24	06/20/24	KLR
Chlordane (Technical)	ND		ug/Kg	51	1	343246	06/20/24	06/20/24	KLR
Surrogates	Limits								
TCMX	90%		%REC	23-120	1	343246	06/20/24	06/20/24	KLR
Decachlorobiphenyl	109%		%REC	24-120	1	343246	06/20/24	06/20/24	KLR

Analysis Results for 510441

Sample ID: SB20-3
Lab ID: 510441-020
Collected: 06/17/24 10:03
Matrix: Soil

510441-020 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	20		mg/Kg	0.98	0.98	342984	06/17/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	1.9		mg/Kg	0.98	0.98	342985	06/17/24	06/19/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
beta-BHC	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
gamma-BHC	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
delta-BHC	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Heptachlor	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Aldrin	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endosulfan I	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Dieldrin	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
4,4'-DDE	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endrin	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endosulfan II	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
4,4'-DDD	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endrin aldehyde	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Endrin ketone	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
4,4'-DDT	ND		ug/Kg	5.0	1	343246	06/20/24	06/20/24	KLR
Methoxychlor	ND		ug/Kg	10	1	343246	06/20/24	06/20/24	KLR
Toxaphene	ND		ug/Kg	100	1	343246	06/20/24	06/20/24	KLR
Chlordane (Technical)	ND		ug/Kg	50	1	343246	06/20/24	06/20/24	KLR
Surrogates	Limits								
TCMX	91%		%REC	23-120	1	343246	06/20/24	06/20/24	KLR
Decachlorobiphenyl	112%		%REC	24-120	1	343246	06/20/24	06/20/24	KLR

Analysis Results for 510441

Sample ID: SB19-1
Lab ID: 510441-022
Collected: 06/17/24 10:15
Matrix: Soil

510441-022 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	23		mg/Kg	0.95	0.95	342984	06/17/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	3.8		mg/Kg	0.95	0.95	342985	06/17/24	06/19/24	DXC
Method: EPA 7199 Prep Method: EPA 3060A									
Hexavalent Chromium	0.49		mg/Kg	0.40	1	343404	06/21/24 13:28	06/25/24 06:50	AJL
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	343393	06/21/24	06/21/24	KLR
beta-BHC	ND		ug/Kg	5.0	1	343393	06/21/24	06/21/24	KLR
gamma-BHC	ND		ug/Kg	5.0	1	343393	06/21/24	06/21/24	KLR
delta-BHC	ND		ug/Kg	5.0	1	343393	06/21/24	06/21/24	KLR
Heptachlor	ND		ug/Kg	5.0	1	343393	06/21/24	06/21/24	KLR
Aldrin	ND		ug/Kg	5.0	1	343393	06/21/24	06/21/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.0	1	343393	06/21/24	06/21/24	KLR
Endosulfan I	ND		ug/Kg	5.0	1	343393	06/21/24	06/21/24	KLR
Dieldrin	ND		ug/Kg	5.0	1	343393	06/21/24	06/21/24	KLR
4,4'-DDE	ND		ug/Kg	5.0	1	343393	06/21/24	06/21/24	KLR
Endrin	ND		ug/Kg	5.0	1	343393	06/21/24	06/21/24	KLR
Endosulfan II	ND		ug/Kg	5.0	1	343393	06/21/24	06/21/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.0	1	343393	06/21/24	06/21/24	KLR
4,4'-DDD	ND		ug/Kg	5.0	1	343393	06/21/24	06/21/24	KLR
Endrin aldehyde	ND		ug/Kg	5.0	1	343393	06/21/24	06/21/24	KLR
Endrin ketone	ND		ug/Kg	5.0	1	343393	06/21/24	06/21/24	KLR
4,4'-DDT	ND		ug/Kg	5.0	1	343393	06/21/24	06/21/24	KLR
Methoxychlor	ND		ug/Kg	10	1	343393	06/21/24	06/21/24	KLR
Toxaphene	ND		ug/Kg	100	1	343393	06/21/24	06/21/24	KLR
Chlordane (Technical)	ND		ug/Kg	50	1	343393	06/21/24	06/21/24	KLR
Surrogates				Limits					
TCMX	70%		%REC	23-120	1	343393	06/21/24	06/21/24	KLR
Decachlorobiphenyl	102%		%REC	24-120	1	343393	06/21/24	06/21/24	KLR
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	50	1	343393	06/21/24	06/21/24	KLR
Aroclor-1221	ND		ug/Kg	50	1	343393	06/21/24	06/21/24	KLR
Aroclor-1232	ND		ug/Kg	50	1	343393	06/21/24	06/21/24	KLR
Aroclor-1242	ND		ug/Kg	50	1	343393	06/21/24	06/21/24	KLR
Aroclor-1248	ND		ug/Kg	50	1	343393	06/21/24	06/21/24	KLR
Aroclor-1254	ND		ug/Kg	50	1	343393	06/21/24	06/21/24	KLR
Aroclor-1260	ND		ug/Kg	50	1	343393	06/21/24	06/21/24	KLR
Aroclor-1262	ND		ug/Kg	50	1	343393	06/21/24	06/21/24	KLR
Aroclor-1268	ND		ug/Kg	50	1	343393	06/21/24	06/21/24	KLR
Surrogates				Limits					
Decachlorobiphenyl (PCB)	102%		%REC	19-121	1	343393	06/21/24	06/21/24	KLR

Analysis Results for 510441

Sample ID: SB19-3
Lab ID: 510441-023
Collected: 06/17/24 10:20
Matrix: Soil

510441-023 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	5.1		mg/Kg	0.97	0.97	342992	06/17/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.6		mg/Kg	0.97	0.97	342993	06/17/24	06/19/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
beta-BHC	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
gamma-BHC	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
delta-BHC	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
Heptachlor	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
Aldrin	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
Endosulfan I	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
Dieldrin	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
4,4'-DDE	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
Endrin	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
Endosulfan II	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
4,4'-DDD	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
Endrin aldehyde	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
Endrin ketone	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
4,4'-DDT	ND		ug/Kg	5.1	1	343246	06/20/24	06/20/24	KLR
Methoxychlor	ND		ug/Kg	10	1	343246	06/20/24	06/20/24	KLR
Toxaphene	ND		ug/Kg	100	1	343246	06/20/24	06/20/24	KLR
Chlordane (Technical)	ND		ug/Kg	51	1	343246	06/20/24	06/20/24	KLR
Surrogates	Limits								
TCMX	86%		%REC	23-120	1	343246	06/20/24	06/20/24	KLR
Decachlorobiphenyl	104%		%REC	24-120	1	343246	06/20/24	06/20/24	KLR

Analysis Results for 510441

Sample ID: TB-061724
Lab ID: 510441-025
Collected: 06/17/24 08:00
Matrix: Water

510441-025 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B									
Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Freon 12	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Chloromethane	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Vinyl Chloride	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Bromomethane	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Chloroethane	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Trichlorofluoromethane	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Acetone	ND		ug/L	100	1	343450	06/22/24	06/22/24	EJB
Freon 113	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
1,1-Dichloroethene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Methylene Chloride	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
MTBE	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
trans-1,2-Dichloroethene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
1,1-Dichloroethane	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
2-Butanone	ND		ug/L	100	1	343450	06/22/24	06/22/24	EJB
cis-1,2-Dichloroethene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
2,2-Dichloropropane	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Chloroform	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Bromochloromethane	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
1,1,1-Trichloroethane	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
1,1-Dichloropropene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Carbon Tetrachloride	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
1,2-Dichloroethane	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Benzene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Trichloroethene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
1,2-Dichloropropane	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Bromodichloromethane	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Dibromomethane	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
4-Methyl-2-Pentanone	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
cis-1,3-Dichloropropene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Toluene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
trans-1,3-Dichloropropene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
1,1,2-Trichloroethane	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
1,3-Dichloropropane	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Tetrachloroethene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Dibromochloromethane	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
1,2-Dibromoethane	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Chlorobenzene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Ethylbenzene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
m,p-Xylenes	ND		ug/L	10	1	343450	06/22/24	06/22/24	EJB
o-Xylene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Styrene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Bromoform	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Isopropylbenzene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB

Analysis Results for 510441

510441-025 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
1,2,3-Trichloropropane	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Propylbenzene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Bromobenzene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
2-Chlorotoluene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
4-Chlorotoluene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
tert-Butylbenzene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
sec-Butylbenzene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
para-Isopropyl Toluene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
1,3-Dichlorobenzene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
1,4-Dichlorobenzene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
n-Butylbenzene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
1,2-Dichlorobenzene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Hexachlorobutadiene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Naphthalene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Xylene (total)	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Surrogates	Limits								
Dibromofluoromethane	102%		%REC	70-130	1	343450	06/22/24	06/22/24	EJB
1,2-Dichloroethane-d4	103%		%REC	70-130	1	343450	06/22/24	06/22/24	EJB
Toluene-d8	98%		%REC	70-130	1	343450	06/22/24	06/22/24	EJB
Bromofluorobenzene	95%		%REC	70-130	1	343450	06/22/24	06/22/24	EJB

Analysis Results for 510441

Sample ID: EB-061724
Lab ID: 510441-026
Collected: 06/17/24 10:40
Matrix: Water

510441-026 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B									
Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Freon 12	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Chloromethane	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Vinyl Chloride	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Bromomethane	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Chloroethane	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Trichlorofluoromethane	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Acetone	ND		ug/L	100	1	343450	06/22/24	06/22/24	EJB
Freon 113	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
1,1-Dichloroethene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Methylene Chloride	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
MTBE	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
trans-1,2-Dichloroethene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
1,1-Dichloroethane	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
2-Butanone	ND		ug/L	100	1	343450	06/22/24	06/22/24	EJB
cis-1,2-Dichloroethene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
2,2-Dichloropropane	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Chloroform	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Bromochloromethane	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
1,1,1-Trichloroethane	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
1,1-Dichloropropene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Carbon Tetrachloride	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
1,2-Dichloroethane	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Benzene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Trichloroethene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
1,2-Dichloropropane	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Bromodichloromethane	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Dibromomethane	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
4-Methyl-2-Pentanone	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
cis-1,3-Dichloropropene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Toluene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
trans-1,3-Dichloropropene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
1,1,2-Trichloroethane	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
1,3-Dichloropropane	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Tetrachloroethene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Dibromochloromethane	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
1,2-Dibromoethane	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Chlorobenzene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Ethylbenzene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
m,p-Xylenes	ND		ug/L	10	1	343450	06/22/24	06/22/24	EJB
o-Xylene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Styrene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Bromoform	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Isopropylbenzene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB

Analysis Results for 510441

510441-026 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
1,2,3-Trichloropropane	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Propylbenzene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Bromobenzene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
2-Chlorotoluene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
4-Chlorotoluene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
tert-Butylbenzene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
sec-Butylbenzene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
para-Isopropyl Toluene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
1,3-Dichlorobenzene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
1,4-Dichlorobenzene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
n-Butylbenzene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
1,2-Dichlorobenzene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Hexachlorobutadiene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Naphthalene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Xylene (total)	ND		ug/L	5.0	1	343450	06/22/24	06/22/24	EJB
Surrogates	Limits								
Dibromofluoromethane	102%		%REC	70-130	1	343450	06/22/24	06/22/24	EJB
1,2-Dichloroethane-d4	103%		%REC	70-130	1	343450	06/22/24	06/22/24	EJB
Toluene-d8	97%		%REC	70-130	1	343450	06/22/24	06/22/24	EJB
Bromofluorobenzene	97%		%REC	70-130	1	343450	06/22/24	06/22/24	EJB

Analysis Results for 510441

Sample ID: DL1-1
Lab ID: 510441-027
Collected: 06/17/24 11:05
Matrix: Soil

510441-027 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	342992	06/17/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	4.3		mg/Kg	0.98	0.98	342993	06/17/24	06/19/24	DXC
Method: EPA 7199 Prep Method: EPA 3060A									
Hexavalent Chromium	0.49		mg/Kg	0.40	0.99	343404	06/21/24 13:28	06/25/24 07:01	AJL
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	343393	06/21/24	06/21/24	KLR
beta-BHC	ND		ug/Kg	5.1	1	343393	06/21/24	06/21/24	KLR
gamma-BHC	ND		ug/Kg	5.1	1	343393	06/21/24	06/21/24	KLR
delta-BHC	ND		ug/Kg	5.1	1	343393	06/21/24	06/21/24	KLR
Heptachlor	ND		ug/Kg	5.1	1	343393	06/21/24	06/21/24	KLR
Aldrin	ND		ug/Kg	5.1	1	343393	06/21/24	06/21/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.1	1	343393	06/21/24	06/21/24	KLR
Endosulfan I	ND		ug/Kg	5.1	1	343393	06/21/24	06/21/24	KLR
Dieldrin	ND		ug/Kg	5.1	1	343393	06/21/24	06/21/24	KLR
4,4'-DDE	ND		ug/Kg	5.1	1	343393	06/21/24	06/21/24	KLR
Endrin	ND		ug/Kg	5.1	1	343393	06/21/24	06/21/24	KLR
Endosulfan II	ND		ug/Kg	5.1	1	343393	06/21/24	06/21/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.3	1	343393	06/21/24	06/21/24	KLR
4,4'-DDD	ND		ug/Kg	5.1	1	343393	06/21/24	06/21/24	KLR
Endrin aldehyde	ND		ug/Kg	5.1	1	343393	06/21/24	06/21/24	KLR
Endrin ketone	ND		ug/Kg	5.1	1	343393	06/21/24	06/21/24	KLR
4,4'-DDT	ND		ug/Kg	5.1	1	343393	06/21/24	06/21/24	KLR
Methoxychlor	ND		ug/Kg	10	1	343393	06/21/24	06/21/24	KLR
Toxaphene	ND		ug/Kg	100	1	343393	06/21/24	06/21/24	KLR
Chlordane (Technical)	ND		ug/Kg	51	1	343393	06/21/24	06/21/24	KLR
Surrogates				Limits					
TCMX	77%		%REC	23-120	1	343393	06/21/24	06/21/24	KLR
Decachlorobiphenyl	73%		%REC	24-120	1	343393	06/21/24	06/21/24	KLR
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	51	1	343393	06/21/24	06/21/24	KLR
Aroclor-1221	ND		ug/Kg	51	1	343393	06/21/24	06/21/24	KLR
Aroclor-1232	ND		ug/Kg	51	1	343393	06/21/24	06/21/24	KLR
Aroclor-1242	ND		ug/Kg	51	1	343393	06/21/24	06/21/24	KLR
Aroclor-1248	ND		ug/Kg	51	1	343393	06/21/24	06/21/24	KLR
Aroclor-1254	ND		ug/Kg	51	1	343393	06/21/24	06/21/24	KLR
Aroclor-1260	ND		ug/Kg	51	1	343393	06/21/24	06/21/24	KLR
Aroclor-1262	ND		ug/Kg	51	1	343393	06/21/24	06/21/24	KLR
Aroclor-1268	ND		ug/Kg	51	1	343393	06/21/24	06/21/24	KLR
Surrogates				Limits					
Decachlorobiphenyl (PCB)	71%		%REC	19-121	1	343393	06/21/24	06/21/24	KLR

Analysis Results for 510441

Sample ID: DL1-3	Lab ID: 510441-028	Collected: 06/17/24 11:10
Matrix: Soil		

510441-028 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	342992	06/17/24	06/18/24	DXC
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	3.2		mg/Kg	0.98	0.98	342993	06/17/24	06/19/24	DXC
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	343246	06/20/24	06/21/24	KLR
beta-BHC	ND		ug/Kg	5.1	1	343246	06/20/24	06/21/24	KLR
gamma-BHC	ND		ug/Kg	5.1	1	343246	06/20/24	06/21/24	KLR
delta-BHC	ND		ug/Kg	5.1	1	343246	06/20/24	06/21/24	KLR
Heptachlor	ND		ug/Kg	5.1	1	343246	06/20/24	06/21/24	KLR
Aldrin	ND		ug/Kg	5.1	1	343246	06/20/24	06/21/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.1	1	343246	06/20/24	06/21/24	KLR
Endosulfan I	ND		ug/Kg	5.1	1	343246	06/20/24	06/21/24	KLR
Dieldrin	ND		ug/Kg	5.1	1	343246	06/20/24	06/21/24	KLR
4,4'-DDE	ND		ug/Kg	5.1	1	343246	06/20/24	06/21/24	KLR
Endrin	ND		ug/Kg	5.1	1	343246	06/20/24	06/21/24	KLR
Endosulfan II	ND		ug/Kg	5.1	1	343246	06/20/24	06/21/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.1	1	343246	06/20/24	06/21/24	KLR
4,4'-DDD	ND		ug/Kg	5.1	1	343246	06/20/24	06/21/24	KLR
Endrin aldehyde	ND		ug/Kg	5.1	1	343246	06/20/24	06/21/24	KLR
Endrin ketone	ND		ug/Kg	5.1	1	343246	06/20/24	06/21/24	KLR
4,4'-DDT	ND		ug/Kg	5.1	1	343246	06/20/24	06/21/24	KLR
Methoxychlor	ND		ug/Kg	10	1	343246	06/20/24	06/21/24	KLR
Toxaphene	ND		ug/Kg	100	1	343246	06/20/24	06/21/24	KLR
Chlordane (Technical)	ND		ug/Kg	51	1	343246	06/20/24	06/21/24	KLR
Surrogates	Limits								
TCMX	71%		%REC	23-120	1	343246	06/20/24	06/21/24	KLR
Decachlorobiphenyl	86%		%REC	24-120	1	343246	06/20/24	06/21/24	KLR

Analysis Results for 510441

Sample ID: SD1
Lab ID: 510441-029
Collected: 06/17/24 11:40
Matrix: Soil

510441-029 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	342992	06/17/24	06/18/24	DXC
Arsenic	3.6		mg/Kg	0.96	0.96	342992	06/17/24	06/18/24	DXC
Barium	130		mg/Kg	0.96	0.96	342992	06/17/24	06/18/24	DXC
Beryllium	0.73		mg/Kg	0.48	0.96	342992	06/17/24	06/18/24	DXC
Cadmium	ND		mg/Kg	0.48	0.96	342992	06/17/24	06/18/24	DXC
Chromium	64		mg/Kg	0.96	0.96	342992	06/17/24	06/18/24	DXC
Cobalt	19		mg/Kg	0.48	0.96	342992	06/17/24	06/18/24	DXC
Copper	28		mg/Kg	0.96	0.96	342992	06/17/24	06/18/24	DXC
Lead	8.0		mg/Kg	0.96	0.96	342992	06/17/24	06/18/24	DXC
Molybdenum	ND		mg/Kg	0.96	0.96	342992	06/17/24	06/18/24	DXC
Nickel	39		mg/Kg	0.96	0.96	342992	06/17/24	06/18/24	DXC
Selenium	ND		mg/Kg	2.9	0.96	342992	06/17/24	06/18/24	DXC
Silver	ND		mg/Kg	0.48	0.96	342992	06/17/24	06/18/24	DXC
Thallium	ND		mg/Kg	2.9	0.96	342992	06/17/24	06/18/24	DXC
Vanadium	82		mg/Kg	0.96	0.96	342992	06/17/24	06/18/24	DXC
Zinc	72		mg/Kg	4.8	0.96	342992	06/17/24	06/18/24	DXC
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	343256	06/20/24	06/20/24	MLL
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	10	1	343068	06/18/24	06/18/24	KMB
DRO C10-C28	ND		mg/Kg	10	1	343068	06/18/24	06/18/24	KMB
ORO C28-C44	ND		mg/Kg	20	1	343068	06/18/24	06/18/24	KMB
Surrogates				Limits					
n-Triacontane	74%		%REC	70-130	1	343068	06/18/24	06/18/24	KMB
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
Freon 12	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
Chloromethane	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
Vinyl Chloride	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
Bromomethane	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
Chloroethane	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
Trichlorofluoromethane	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
Acetone	ND		ug/Kg	67	0.67	343927	06/28/24	06/28/24	TCN
Freon 113	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
1,1-Dichloroethene	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
Methylene Chloride	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
MTBE	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
1,1-Dichloroethane	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
2-Butanone	ND		ug/Kg	67	0.67	343927	06/28/24	06/28/24	TCN

Analysis Results for 510441

510441-029 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
cis-1,2-Dichloroethene	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
2,2-Dichloropropane	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
Chloroform	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
Bromochloromethane	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
1,1-Dichloropropene	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
Carbon Tetrachloride	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
1,2-Dichloroethane	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
Benzene	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
Trichloroethene	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
1,2-Dichloropropane	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
Bromodichloromethane	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
Dibromomethane	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
4-Methyl-2-Pentanone	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
Toluene	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
1,3-Dichloropropane	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
Tetrachloroethene	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
Dibromochloromethane	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
1,2-Dibromoethane	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
Chlorobenzene	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
Ethylbenzene	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
m,p-Xylenes	ND		ug/Kg	6.7	0.67	343927	06/28/24	06/28/24	TCN
o-Xylene	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
Styrene	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
Bromoform	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
Isopropylbenzene	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
Propylbenzene	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
Bromobenzene	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
2-Chlorotoluene	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
4-Chlorotoluene	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
tert-Butylbenzene	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
sec-Butylbenzene	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
n-Butylbenzene	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
Hexachlorobutadiene	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
Naphthalene	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN
Xylene (total)	ND		ug/Kg	3.4	0.67	343927	06/28/24	06/28/24	TCN

Surrogates

Limits

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

Analysis Results for 510441

510441-029 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromofluoromethane	99%		%REC	70-145	0.67	343927	06/28/24	06/28/24	TCN
1,2-Dichloroethane-d4	102%		%REC	70-145	0.67	343927	06/28/24	06/28/24	TCN
Toluene-d8	101%		%REC	70-145	0.67	343927	06/28/24	06/28/24	TCN
Bromofluorobenzene	106%		%REC	70-145	0.67	343927	06/28/24	06/28/24	TCN

Analysis Results for 510441

Sample ID: WD1
Lab ID: 510441-030
Collected: 06/17/24 11:45
Matrix: Water

510441-030 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B									
Prep Method: EPA 3015A									
Antimony	ND		mg/L	0.030	1	343019	06/18/24	06/18/24	DXC
Arsenic	ND		mg/L	0.010	1	343019	06/18/24	06/18/24	DXC
Barium	0.20		mg/L	0.010	1	343019	06/18/24	06/18/24	DXC
Beryllium	ND		mg/L	0.0050	1	343019	06/18/24	06/18/24	DXC
Cadmium	ND		mg/L	0.0050	1	343019	06/18/24	06/18/24	DXC
Chromium	0.074		mg/L	0.010	1	343019	06/18/24	06/18/24	DXC
Cobalt	0.028		mg/L	0.0050	1	343019	06/18/24	06/18/24	DXC
Copper	0.098		mg/L	0.010	1	343019	06/18/24	06/18/24	DXC
Lead	0.024		mg/L	0.010	1	343019	06/18/24	06/18/24	DXC
Molybdenum	ND		mg/L	0.010	1	343019	06/18/24	06/18/24	DXC
Nickel	0.051		mg/L	0.010	1	343019	06/18/24	06/18/24	DXC
Selenium	ND		mg/L	0.030	1	343019	06/18/24	06/18/24	DXC
Silver	ND		mg/L	0.0050	1	343019	06/18/24	06/18/24	DXC
Thallium	ND		mg/L	0.030	1	343019	06/18/24	06/18/24	DXC
Vanadium	0.058		mg/L	0.010	1	343019	06/18/24	06/18/24	DXC
Zinc	0.29		mg/L	0.050	1	343019	06/18/24	06/18/24	DXC
Method: EPA 7470A									
Prep Method: METHOD									
Mercury	ND		ug/L	0.40	1	343154	06/19/24	06/19/24	MLL
Method: EPA 8015B									
Prep Method: EPA 5030B									
TPH Gasoline	ND		ug/L	50	1	344059	06/30/24	06/30/24	SXR
Surrogates	Limits								
Bromofluorobenzene (FID)	91%		%REC	60-140	1	344059	06/30/24	06/30/24	SXR
Method: EPA 8015B									
Prep Method: EPA 3510C									
Diesel C10-C28	5.1		mg/L	1.0	10	343195	06/19/24	06/27/24	KMB
TPH (C13-C28)	5.1		mg/L	1.0	10	343195	06/19/24	06/27/24	KMB
TPH (C29-C44)	ND		mg/L	3.0	10	343195	06/19/24	06/27/24	KMB
Surrogates	Limits								
n-Triacontane	51%		%REC	35-130	10	343195	06/19/24	06/27/24	KMB
Method: EPA 8260B									
Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
Freon 12	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
Chloromethane	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
Vinyl Chloride	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
Bromomethane	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
Chloroethane	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
Trichlorofluoromethane	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
Acetone	ND		ug/L	500	5	343450	06/22/24	06/22/24	EJB
Freon 113	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
1,1-Dichloroethene	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
Methylene Chloride	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
MTBE	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB

Analysis Results for 510441

510441-030 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
trans-1,2-Dichloroethene	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
1,1-Dichloroethane	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
2-Butanone	ND		ug/L	500	5	343450	06/22/24	06/22/24	EJB
cis-1,2-Dichloroethene	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
2,2-Dichloropropane	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
Chloroform	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
Bromochloromethane	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
1,1,1-Trichloroethane	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
1,1-Dichloropropene	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
Carbon Tetrachloride	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
1,2-Dichloroethane	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
Benzene	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
Trichloroethene	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
1,2-Dichloropropane	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
Bromodichloromethane	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
Dibromomethane	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
4-Methyl-2-Pentanone	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
cis-1,3-Dichloropropene	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
Toluene	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
trans-1,3-Dichloropropene	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
1,1,2-Trichloroethane	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
1,3-Dichloropropane	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
Tetrachloroethene	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
Dibromochloromethane	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
1,2-Dibromoethane	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
Chlorobenzene	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
Ethylbenzene	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
m,p-Xylenes	ND		ug/L	50	5	343450	06/22/24	06/22/24	EJB
o-Xylene	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
Styrene	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
Bromoform	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
Isopropylbenzene	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
1,1,2,2-Tetrachloroethane	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
1,2,3-Trichloropropane	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
Propylbenzene	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
Bromobenzene	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
1,3,5-Trimethylbenzene	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
2-Chlorotoluene	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
4-Chlorotoluene	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
tert-Butylbenzene	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
1,2,4-Trimethylbenzene	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
sec-Butylbenzene	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
para-Isopropyl Toluene	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
1,3-Dichlorobenzene	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
1,4-Dichlorobenzene	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
n-Butylbenzene	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
1,2-Dichlorobenzene	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
1,2,4-Trichlorobenzene	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
Hexachlorobutadiene	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
Naphthalene	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB

Analysis Results for 510441

510441-030 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,2,3-Trichlorobenzene	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
cis-1,4-Dichloro-2-butene	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
trans-1,4-Dichloro-2-butene	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
Xylene (total)	ND		ug/L	25	5	343450	06/22/24	06/22/24	EJB
Surrogates	Limits								
Dibromofluoromethane	102%		%REC	70-130	5	343450	06/22/24	06/22/24	EJB
1,2-Dichloroethane-d4	102%		%REC	70-130	5	343450	06/22/24	06/22/24	EJB
Toluene-d8	98%		%REC	70-130	5	343450	06/22/24	06/22/24	EJB
Bromofluorobenzene	96%		%REC	70-130	5	343450	06/22/24	06/22/24	EJB

* Value is outside QC limits

ND Not Detected

Batch QC

Type: Matrix Spike	Lab ID: QC1162382	Batch: 343019
Matrix (Source ID): Water (510441-030)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1162382 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	0.3176	ND	0.4000	mg/L	79%		75-125	1
Arsenic	0.3528	0.009089	0.4000	mg/L	86%		75-125	1
Barium	0.5499	0.1974	0.4000	mg/L	88%		75-125	1
Beryllium	0.3599	0.0003385	0.4000	mg/L	90%		75-125	1
Cadmium	0.3430	ND	0.4000	mg/L	86%		75-125	1
Chromium	0.4182	0.07401	0.4000	mg/L	86%		75-125	1
Cobalt	0.3927	0.02787	0.4000	mg/L	91%		75-125	1
Copper	0.4554	0.09825	0.4000	mg/L	89%		75-125	1
Lead	0.3687	0.02386	0.4000	mg/L	86%		75-125	1
Molybdenum	0.3392	0.005691	0.4000	mg/L	83%		75-125	1
Nickel	0.4020	0.05067	0.4000	mg/L	88%		75-125	1
Selenium	0.3183	ND	0.4000	mg/L	80%		75-125	1
Silver	0.1694	ND	0.2000	mg/L	85%		75-125	1
Thallium	0.3462	ND	0.4000	mg/L	87%		75-125	1
Vanadium	0.4132	0.05762	0.4000	mg/L	89%		75-125	1
Zinc	0.6300	0.2854	0.4000	mg/L	86%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1162383	Batch: 343019
Matrix (Source ID): Water (510441-030)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1162383 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	0.3356	ND	0.4000	mg/L	84%		75-125	6	20	1
Arsenic	0.3707	0.009089	0.4000	mg/L	90%		75-125	5	20	1
Barium	0.5657	0.1974	0.4000	mg/L	92%		75-125	3	20	1
Beryllium	0.3751	0.0003385	0.4000	mg/L	94%		75-125	4	20	1
Cadmium	0.3576	ND	0.4000	mg/L	89%		75-125	4	20	1
Chromium	0.4359	0.07401	0.4000	mg/L	90%		75-125	4	20	1
Cobalt	0.4083	0.02787	0.4000	mg/L	95%		75-125	4	20	1
Copper	0.4725	0.09825	0.4000	mg/L	94%		75-125	4	20	1
Lead	0.3843	0.02386	0.4000	mg/L	90%		75-125	4	20	1
Molybdenum	0.3547	0.005691	0.4000	mg/L	87%		75-125	4	20	1
Nickel	0.4188	0.05067	0.4000	mg/L	92%		75-125	4	20	1
Selenium	0.3357	ND	0.4000	mg/L	84%		75-125	5	20	1
Silver	0.1763	ND	0.2000	mg/L	88%		75-125	4	20	1
Thallium	0.3603	ND	0.4000	mg/L	90%		75-125	4	20	1
Vanadium	0.4306	0.05762	0.4000	mg/L	93%		75-125	4	20	1
Zinc	0.6386	0.2854	0.4000	mg/L	88%		75-125	1	20	1

Batch QC

Type: Blank	Lab ID: QC1162407	Batch: 343019
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1162407 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/L	0.030	06/18/24	06/18/24
Arsenic	ND		mg/L	0.010	06/18/24	06/18/24
Barium	ND		mg/L	0.010	06/18/24	06/18/24
Beryllium	ND		mg/L	0.0050	06/18/24	06/18/24
Cadmium	ND		mg/L	0.0050	06/18/24	06/18/24
Chromium	ND		mg/L	0.010	06/18/24	06/18/24
Cobalt	ND		mg/L	0.0050	06/18/24	06/18/24
Copper	ND		mg/L	0.010	06/18/24	06/18/24
Lead	ND		mg/L	0.010	06/18/24	06/18/24
Molybdenum	ND		mg/L	0.010	06/18/24	06/18/24
Nickel	ND		mg/L	0.010	06/18/24	06/18/24
Selenium	ND		mg/L	0.030	06/18/24	06/18/24
Silver	ND		mg/L	0.0050	06/18/24	06/18/24
Thallium	ND		mg/L	0.030	06/18/24	06/18/24
Vanadium	ND		mg/L	0.010	06/18/24	06/18/24
Zinc	ND		mg/L	0.050	06/18/24	06/18/24

Type: Lab Control Sample	Lab ID: QC1162408	Batch: 343019
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1162408 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	0.3370	0.4000	mg/L	84%		80-120
Arsenic	0.3298	0.4000	mg/L	82%		80-120
Barium	0.3490	0.4000	mg/L	87%		80-120
Beryllium	0.3500	0.4000	mg/L	88%		80-120
Cadmium	0.3423	0.4000	mg/L	86%		80-120
Chromium	0.3394	0.4000	mg/L	85%		80-120
Cobalt	0.3542	0.4000	mg/L	89%		80-120
Copper	0.3344	0.4000	mg/L	84%		80-120
Lead	0.3493	0.4000	mg/L	87%		80-120
Molybdenum	0.3322	0.4000	mg/L	83%		80-120
Nickel	0.3514	0.4000	mg/L	88%		80-120
Selenium	0.3309	0.4000	mg/L	83%		80-120
Silver	0.1645	0.2000	mg/L	82%		80-120
Thallium	0.3543	0.4000	mg/L	89%		80-120
Vanadium	0.3488	0.4000	mg/L	87%		80-120
Zinc	0.3439	0.4000	mg/L	86%		80-120

Batch QC

Type: Blank	Lab ID: QC1162098	Batch: 342984
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1162098 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	06/17/24	06/17/24
Arsenic	ND		mg/Kg	1.0	06/17/24	06/17/24
Barium	ND		mg/Kg	1.0	06/17/24	06/17/24
Beryllium	ND		mg/Kg	0.50	06/17/24	06/17/24
Cadmium	ND		mg/Kg	0.50	06/17/24	06/17/24
Chromium	ND		mg/Kg	1.0	06/17/24	06/17/24
Cobalt	ND		mg/Kg	0.50	06/17/24	06/17/24
Copper	ND		mg/Kg	1.0	06/17/24	06/17/24
Lead	ND		mg/Kg	1.0	06/17/24	06/17/24
Molybdenum	ND		mg/Kg	1.0	06/17/24	06/17/24
Nickel	ND		mg/Kg	1.0	06/17/24	06/17/24
Selenium	ND		mg/Kg	3.0	06/17/24	06/17/24
Silver	ND		mg/Kg	0.50	06/17/24	06/17/24
Thallium	ND		mg/Kg	3.0	06/17/24	06/17/24
Vanadium	ND		mg/Kg	1.0	06/17/24	06/17/24
Zinc	ND		mg/Kg	5.0	06/17/24	06/17/24

Type: Lab Control Sample	Lab ID: QC1162099	Batch: 342984
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1162099 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	100.2	100.0	mg/Kg	100%		80-120
Arsenic	100.5	100.0	mg/Kg	101%		80-120
Barium	109.6	100.0	mg/Kg	110%		80-120
Beryllium	107.8	100.0	mg/Kg	108%		80-120
Cadmium	107.0	100.0	mg/Kg	107%		80-120
Chromium	104.6	100.0	mg/Kg	105%		80-120
Cobalt	113.8	100.0	mg/Kg	114%		80-120
Copper	99.86	100.0	mg/Kg	100%		80-120
Lead	110.8	100.0	mg/Kg	111%		80-120
Molybdenum	104.6	100.0	mg/Kg	105%		80-120
Nickel	109.6	100.0	mg/Kg	110%		80-120
Selenium	93.27	100.0	mg/Kg	93%		80-120
Silver	50.55	50.00	mg/Kg	101%		80-120
Thallium	109.0	100.0	mg/Kg	109%		80-120
Vanadium	106.0	100.0	mg/Kg	106%		80-120
Zinc	106.2	100.0	mg/Kg	106%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1162100	Batch: 342984
Matrix (Source ID): Soil (510441-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1162100 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	44.87	ND	98.04	mg/Kg	46%	*	75-125	0.98
Arsenic	99.05	3.049	98.04	mg/Kg	98%		75-125	0.98
Barium	179.1	69.27	98.04	mg/Kg	112%		75-125	0.98
Beryllium	105.2	0.08681	98.04	mg/Kg	107%		75-125	0.98
Cadmium	102.6	0.2330	98.04	mg/Kg	104%		75-125	0.98
Chromium	140.4	35.97	98.04	mg/Kg	106%		75-125	0.98
Cobalt	111.6	3.215	98.04	mg/Kg	111%		75-125	0.98
Copper	104.9	4.856	98.04	mg/Kg	102%		75-125	0.98
Lead	107.2	2.191	98.04	mg/Kg	107%		75-125	0.98
Molybdenum	94.67	0.9089	98.04	mg/Kg	96%		75-125	0.98
Nickel	113.1	9.113	98.04	mg/Kg	106%		75-125	0.98
Selenium	90.59	ND	98.04	mg/Kg	92%		75-125	0.98
Silver	48.62	ND	49.02	mg/Kg	99%		75-125	0.98
Thallium	102.9	ND	98.04	mg/Kg	105%		75-125	0.98
Vanadium	163.4	54.45	98.04	mg/Kg	111%		75-125	0.98
Zinc	115.7	13.23	98.04	mg/Kg	105%		75-125	0.98

Type: Matrix Spike Duplicate	Lab ID: QC1162101	Batch: 342984
Matrix (Source ID): Soil (510441-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1162101 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	47.52	ND	97.09	mg/Kg	49%	*	75-125	7	41	0.97
Arsenic	100.6	3.049	97.09	mg/Kg	101%		75-125	3	35	0.97
Barium	187.5	69.27	97.09	mg/Kg	122%		75-125	5	20	0.97
Beryllium	105.2	0.08681	97.09	mg/Kg	108%		75-125	1	20	0.97
Cadmium	102.7	0.2330	97.09	mg/Kg	106%		75-125	1	20	0.97
Chromium	142.2	35.97	97.09	mg/Kg	109%		75-125	2	20	0.97
Cobalt	111.4	3.215	97.09	mg/Kg	111%		75-125	1	20	0.97
Copper	105.6	4.856	97.09	mg/Kg	104%		75-125	2	20	0.97
Lead	107.4	2.191	97.09	mg/Kg	108%		75-125	1	20	0.97
Molybdenum	95.89	0.9089	97.09	mg/Kg	98%		75-125	2	20	0.97
Nickel	113.7	9.113	97.09	mg/Kg	108%		75-125	1	20	0.97
Selenium	90.61	ND	97.09	mg/Kg	93%		75-125	1	20	0.97
Silver	48.56	ND	48.54	mg/Kg	100%		75-125	1	20	0.97
Thallium	102.8	ND	97.09	mg/Kg	106%		75-125	1	20	0.97
Vanadium	170.7	54.45	97.09	mg/Kg	120%		75-125	5	20	0.97
Zinc	116.6	13.23	97.09	mg/Kg	106%		75-125	2	20	0.97

Batch QC

Type: Post Digest Spike	Lab ID: QC1162102	Batch: 342984
Matrix (Source ID): Soil (510441-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1162102 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	93.36	ND	95.24	mg/Kg	98%		75-125	0.95
Arsenic	95.90	3.049	95.24	mg/Kg	97%		75-125	0.95
Barium	168.8	69.27	95.24	mg/Kg	105%		75-125	0.95
Beryllium	99.65	0.08681	95.24	mg/Kg	105%		75-125	0.95
Cadmium	97.85	0.2330	95.24	mg/Kg	103%		75-125	0.95
Chromium	130.7	35.97	95.24	mg/Kg	99%		75-125	0.95
Cobalt	105.9	3.215	95.24	mg/Kg	108%		75-125	0.95
Copper	99.07	4.856	95.24	mg/Kg	99%		75-125	0.95
Lead	102.6	2.191	95.24	mg/Kg	105%		75-125	0.95
Molybdenum	99.23	0.9089	95.24	mg/Kg	103%		75-125	0.95
Nickel	107.1	9.113	95.24	mg/Kg	103%		75-125	0.95
Selenium	87.39	ND	95.24	mg/Kg	92%		75-125	0.95
Silver	46.93	ND	47.62	mg/Kg	99%		75-125	0.95
Thallium	98.97	ND	95.24	mg/Kg	104%		75-125	0.95
Vanadium	150.7	54.45	95.24	mg/Kg	101%		75-125	0.95
Zinc	109.3	13.23	95.24	mg/Kg	101%		75-125	0.95

Type: Blank	Lab ID: QC1162136	Batch: 342992
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1162136 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	06/17/24	06/18/24
Arsenic	ND		mg/Kg	1.0	06/17/24	06/18/24
Barium	ND		mg/Kg	1.0	06/17/24	06/18/24
Beryllium	ND		mg/Kg	0.50	06/17/24	06/18/24
Cadmium	ND		mg/Kg	0.50	06/17/24	06/18/24
Chromium	ND		mg/Kg	1.0	06/17/24	06/18/24
Cobalt	ND		mg/Kg	0.50	06/17/24	06/18/24
Copper	ND		mg/Kg	1.0	06/17/24	06/18/24
Lead	ND		mg/Kg	1.0	06/17/24	06/18/24
Molybdenum	ND		mg/Kg	1.0	06/17/24	06/18/24
Nickel	ND		mg/Kg	1.0	06/17/24	06/18/24
Selenium	ND		mg/Kg	3.0	06/17/24	06/18/24
Silver	ND		mg/Kg	0.50	06/17/24	06/18/24
Thallium	ND		mg/Kg	3.0	06/17/24	06/18/24
Vanadium	ND		mg/Kg	1.0	06/17/24	06/18/24
Zinc	ND		mg/Kg	5.0	06/17/24	06/18/24

Batch QC

Type: Lab Control Sample	Lab ID: QC1162137	Batch: 342992
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1162137 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	94.65	100.0	mg/Kg	95%		80-120
Arsenic	96.07	100.0	mg/Kg	96%		80-120
Barium	105.2	100.0	mg/Kg	105%		80-120
Beryllium	97.27	100.0	mg/Kg	97%		80-120
Cadmium	97.32	100.0	mg/Kg	97%		80-120
Chromium	102.8	100.0	mg/Kg	103%		80-120
Cobalt	108.6	100.0	mg/Kg	109%		80-120
Copper	98.45	100.0	mg/Kg	98%		80-120
Lead	110.7	100.0	mg/Kg	111%		80-120
Molybdenum	97.84	100.0	mg/Kg	98%		80-120
Nickel	106.9	100.0	mg/Kg	107%		80-120
Selenium	89.94	100.0	mg/Kg	90%		80-120
Silver	47.15	50.00	mg/Kg	94%		80-120
Thallium	105.0	100.0	mg/Kg	105%		80-120
Vanadium	96.89	100.0	mg/Kg	97%		80-120
Zinc	109.7	100.0	mg/Kg	110%		80-120

Type: Matrix Spike	Lab ID: QC1162138	Batch: 342992
Matrix (Source ID): Soil (510441-023)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1162138 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	27.31	1.446	97.09	mg/Kg	27%	*	75-125	0.97
Arsenic	95.46	3.322	97.09	mg/Kg	95%		75-125	0.97
Barium	221.8	137.4	97.09	mg/Kg	87%		75-125	0.97
Beryllium	95.66	0.6823	97.09	mg/Kg	98%		75-125	0.97
Cadmium	95.40	ND	97.09	mg/Kg	98%		75-125	0.97
Chromium	164.2	62.64	97.09	mg/Kg	105%		75-125	0.97
Cobalt	117.2	18.42	97.09	mg/Kg	102%		75-125	0.97
Copper	125.1	26.25	97.09	mg/Kg	102%		75-125	0.97
Lead	104.8	5.070	97.09	mg/Kg	103%		75-125	0.97
Molybdenum	85.81	ND	97.09	mg/Kg	88%		75-125	0.97
Nickel	137.1	39.44	97.09	mg/Kg	101%		75-125	0.97
Selenium	87.06	ND	97.09	mg/Kg	90%		75-125	0.97
Silver	45.61	ND	48.54	mg/Kg	94%		75-125	0.97
Thallium	97.85	2.419	97.09	mg/Kg	98%		75-125	0.97
Vanadium	178.8	78.08	97.09	mg/Kg	104%		75-125	0.97
Zinc	169.3	64.88	97.09	mg/Kg	108%		75-125	0.97

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1162139	Batch: 342992
Matrix (Source ID): Soil (510441-023)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1162139 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	27.45	1.446	98.04	mg/Kg	27%	*	75-125	0	41	0.98
Arsenic	97.80	3.322	98.04	mg/Kg	96%		75-125	1	35	0.98
Barium	217.8	137.4	98.04	mg/Kg	82%		75-125	2	20	0.98
Beryllium	96.17	0.6823	98.04	mg/Kg	97%		75-125	0	20	0.98
Cadmium	98.17	ND	98.04	mg/Kg	100%		75-125	2	20	0.98
Chromium	168.0	62.64	98.04	mg/Kg	107%		75-125	2	20	0.98
Cobalt	121.4	18.42	98.04	mg/Kg	105%		75-125	3	20	0.98
Copper	129.0	26.25	98.04	mg/Kg	105%		75-125	2	20	0.98
Lead	108.3	5.070	98.04	mg/Kg	105%		75-125	2	20	0.98
Molybdenum	87.27	ND	98.04	mg/Kg	89%		75-125	1	20	0.98
Nickel	143.6	39.44	98.04	mg/Kg	106%		75-125	4	20	0.98
Selenium	89.43	ND	98.04	mg/Kg	91%		75-125	2	20	0.98
Silver	46.55	ND	49.02	mg/Kg	95%		75-125	1	20	0.98
Thallium	101.1	2.419	98.04	mg/Kg	101%		75-125	2	20	0.98
Vanadium	180.8	78.08	98.04	mg/Kg	105%		75-125	1	20	0.98
Zinc	173.9	64.88	98.04	mg/Kg	111%		75-125	2	20	0.98

Type: Post Digest Spike	Lab ID: QC1162140	Batch: 342992
Matrix (Source ID): Soil (510441-023)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1162140 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	99.76	1.446	97.09	mg/Kg	101%		75-125	0.97
Arsenic	103.0	3.322	97.09	mg/Kg	103%		75-125	0.97
Barium	227.1	137.4	97.09	mg/Kg	92%		75-125	0.97
Beryllium	101.0	0.6823	97.09	mg/Kg	103%		75-125	0.97
Cadmium	99.88	ND	97.09	mg/Kg	103%		75-125	0.97
Chromium	163.2	62.64	97.09	mg/Kg	104%		75-125	0.97
Cobalt	122.3	18.42	97.09	mg/Kg	107%		75-125	0.97
Copper	128.9	26.25	97.09	mg/Kg	106%		75-125	0.97
Lead	110.9	5.070	97.09	mg/Kg	109%		75-125	0.97
Molybdenum	101.8	ND	97.09	mg/Kg	105%		75-125	0.97
Nickel	141.6	39.44	97.09	mg/Kg	105%		75-125	0.97
Selenium	93.12	ND	97.09	mg/Kg	96%		75-125	0.97
Silver	48.33	ND	48.54	mg/Kg	100%		75-125	0.97
Thallium	102.7	2.419	97.09	mg/Kg	103%		75-125	0.97
Vanadium	176.9	78.08	97.09	mg/Kg	102%		75-125	0.97
Zinc	171.9	64.88	97.09	mg/Kg	110%		75-125	0.97

Type: Blank	Lab ID: QC1162103	Batch: 342985
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1162103 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Arsenic	ND		mg/Kg	1.0	06/17/24	06/18/24

Batch QC

Type: Lab Control Sample	Lab ID: QC1162104	Batch: 342985
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1162104 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Arsenic	102.0	100.0	mg/Kg	102%		80-120

Type: Matrix Spike	Lab ID: QC1162105	Batch: 342985
Matrix (Source ID): Soil (510441-001)	Method: EPA 6020	Prep Method: EPA 3050B

QC1162105 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	99.54	2.823	98.04	mg/Kg	99%		75-125	0.98

Type: Matrix Spike Duplicate	Lab ID: QC1162106	Batch: 342985
Matrix (Source ID): Soil (510441-001)	Method: EPA 6020	Prep Method: EPA 3050B

QC1162106 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Arsenic	104.8	2.823	97.09	mg/Kg	105%		75-125	6	20	0.97

Type: Post Digest Spike	Lab ID: QC1162107	Batch: 342985
Matrix (Source ID): Soil (510441-001)	Method: EPA 6020	Prep Method: EPA 3050B

QC1162107 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	97.55	2.823	95.24	mg/Kg	99%		75-125	0.95

Type: Blank	Lab ID: QC1162141	Batch: 342993
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1162141 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Arsenic	ND		mg/Kg	1.0	06/17/24	06/19/24

Type: Lab Control Sample	Lab ID: QC1162142	Batch: 342993
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1162142 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Arsenic	97.54	100.0	mg/Kg	98%		80-120

Type: Matrix Spike	Lab ID: QC1162143	Batch: 342993
Matrix (Source ID): Soil (510441-023)	Method: EPA 6020	Prep Method: EPA 3050B

QC1162143 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	94.77	2.565	97.09	mg/Kg	95%		75-125	0.97

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1162144	Batch: 342993
Matrix (Source ID): Soil (510441-023)	Method: EPA 6020	Prep Method: EPA 3050B

QC1162144 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Arsenic	99.39	2.565	98.04	mg/Kg	99%		75-125	4	20	0.98

Type: Post Digest Spike	Lab ID: QC1162145	Batch: 342993
Matrix (Source ID): Soil (510441-023)	Method: EPA 6020	Prep Method: EPA 3050B

QC1162145 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	99.34	2.565	97.09	mg/Kg	100%		75-125	0.97

Type: Blank	Lab ID: QC1163534	Batch: 343404
Matrix: Soil	Method: EPA 7199	Prep Method: EPA 3060A

QC1163534 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Hexavalent Chromium	ND		mg/Kg	0.40	06/21/24 13:28	06/25/24 03:32

Type: Lab Control Sample	Lab ID: QC1163535	Batch: 343404
Matrix: Soil	Method: EPA 7199	Prep Method: EPA 3060A

QC1163535 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Hexavalent Chromium	39.03	40.00	mg/Kg	98%		80-120

Type: Sample Duplicate	Lab ID: QC1163536	Batch: 343404
Matrix (Source ID): Soil (510441-004)	Method: EPA 7199	Prep Method: EPA 3060A

QC1163536 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Hexavalent Chromium	ND	ND	mg/Kg			30	0.99

Type: Sample Spike	Lab ID: QC1163537	Batch: 343404
Matrix (Source ID): Soil (510441-004)	Method: EPA 7199	Prep Method: EPA 3060A

QC1163537 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Hexavalent Chromium	35.01	0.3143	39.53	mg/Kg	88%		70-130	2

Batch QC

Type: Post Digest Spike	Lab ID: QC1163538	Batch: 343404
Matrix (Source ID): Soil (510441-004)	Method: EPA 7199	Prep Method: EPA 3060A

QC1163538 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Hexavalent Chromium	40.48	0.3143	40.00	mg/Kg	100%		75-125	2

Type: Blank	Lab ID: QC1162768	Batch: 343154
Matrix: Water	Method: EPA 7470A	Prep Method: METHOD

QC1162768 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		ug/L	0.40	06/19/24	06/19/24

Type: Lab Control Sample	Lab ID: QC1162769	Batch: 343154
Matrix: Water	Method: EPA 7470A	Prep Method: METHOD

QC1162769 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	5.176	5.000	ug/L	104%		80-120

Type: Matrix Spike	Lab ID: QC1162770	Batch: 343154
Matrix (Source ID): Water (510398-001)	Method: EPA 7470A	Prep Method: METHOD

QC1162770 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	5.063	ND	5.000	ug/L	101%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1162771	Batch: 343154
Matrix (Source ID): Water (510398-001)	Method: EPA 7470A	Prep Method: METHOD

QC1162771 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Mercury	5.072	ND	5.000	ug/L	101%		75-125	0	20	1

Type: Blank	Lab ID: QC1163030	Batch: 343256
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1163030 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	06/20/24	06/20/24

Type: Lab Control Sample	Lab ID: QC1163031	Batch: 343256
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1163031 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8078	0.8333	mg/Kg	97%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1163032	Batch: 343256
Matrix (Source ID): Soil (510582-001)	Method: EPA 7471A	Prep Method: METHOD

QC1163032 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.9611	0.04055	0.9259	mg/Kg	99%		75-125	1.1

Type: Matrix Spike Duplicate	Lab ID: QC1163033	Batch: 343256
Matrix (Source ID): Soil (510582-001)	Method: EPA 7471A	Prep Method: METHOD

QC1163033 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	0.9968	0.04055	0.9434	mg/Kg	101%		75-125	2	20	1.1

Type: Blank	Lab ID: QC1162863	Batch: 343195
Matrix: Water	Method: EPA 8015B	Prep Method: EPA 3510C

QC1162863 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Diesel C10-C28	ND		mg/L	0.10	06/19/24	06/21/24
TPH (C13-C28)	ND		mg/L	0.10	06/19/24	06/21/24
TPH (C29-C44)	ND		mg/L	0.30	06/19/24	06/21/24
Surrogates	Limits					
n-Triacontane	87%		%REC	35-130	06/19/24	06/21/24

Type: Lab Control Sample	Lab ID: QC1162864	Batch: 343195
Matrix: Water	Method: EPA 8015B	Prep Method: EPA 3510C

QC1162864 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	0.7597	1.000	mg/L	76%		42-120
Surrogates						
n-Triacontane	0.01691	0.02000	mg/L	85%		35-130

Type: Lab Control Sample Duplicate	Lab ID: QC1162865	Batch: 343195
Matrix: Water	Method: EPA 8015B	Prep Method: EPA 3510C

QC1162865 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Diesel C10-C28	0.6134	1.000	mg/L	61%		42-120	21	36
Surrogates								
n-Triacontane	0.01441	0.02000	mg/L	72%		35-130		

Type: Lab Control Sample	Lab ID: QC1165754	Batch: 344059
Matrix: Water	Method: EPA 8015B	Prep Method: EPA 5030B

QC1165754 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
TPH Gasoline	383.0	500.0	ug/L	77%		70-130
Surrogates						
Bromofluorobenzene (FID)	212.3	200.0	ug/L	106%		60-140

Batch QC

Type: Matrix Spike	Lab ID: QC1165755	Batch: 344059
Matrix (Source ID): Water (511161-001)	Method: EPA 8015B	Prep Method: EPA 5030B

QC1165755 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
TPH Gasoline	408.3	33.49	500.0	ug/L	75%		70-130	1
Surrogates								
Bromofluorobenzene (FID)	184.2		200.0	ug/L	92%		60-140	1

Type: Matrix Spike Duplicate	Lab ID: QC1165756	Batch: 344059
Matrix (Source ID): Water (511161-001)	Method: EPA 8015B	Prep Method: EPA 5030B

QC1165756 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
TPH Gasoline	410.8	33.49	500.0	ug/L	75%		70-130	1	30	1
Surrogates										
Bromofluorobenzene (FID)	185.9		200.0	ug/L	93%		60-140			1

Type: Blank	Lab ID: QC1165757	Batch: 344059
Matrix: Water	Method: EPA 8015B	Prep Method: EPA 5030B

QC1165757 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH Gasoline	ND		ug/L	50	06/30/24	06/30/24
Surrogates				Limits		
Bromofluorobenzene (FID)	92%		%REC	60-140	06/30/24	06/30/24

Type: Blank	Lab ID: QC1162499	Batch: 343068
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1162499 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
GRO C8-C10	ND		mg/Kg	10	06/18/24	06/18/24
DRO C10-C28	ND		mg/Kg	10	06/18/24	06/18/24
ORO C28-C44	ND		mg/Kg	20	06/18/24	06/18/24
Surrogates				Limits		
n-Triacontane	99%		%REC	70-130	06/18/24	06/18/24

Type: Lab Control Sample	Lab ID: QC1162500	Batch: 343068
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1162500 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	250.8	250.0	mg/Kg	100%		76-122
Surrogates						
n-Triacontane	9.662	10.00	mg/Kg	97%		70-130

Batch QC

Type: Matrix Spike	Lab ID: QC1162501	Batch: 343068
Matrix (Source ID): Soil (510441-029)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1162501 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	262.6	6.352	249.0	mg/Kg	103%		62-126	2
Surrogates								
n-Triacontane	8.006		9.960	mg/Kg	80%		70-130	2

Type: Matrix Spike Duplicate	Lab ID: QC1162502	Batch: 343068
Matrix (Source ID): Soil (510441-029)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1162502 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	413.5	6.352	249.8	mg/Kg	163%	*	62-126	44*	35	2
Surrogates										
n-Triacontane	9.648		9.990	mg/Kg	97%		70-130			2

Type: Blank	Lab ID: QC1162983	Batch: 343246
Matrix: Soil	Method: EPA 8081A	Prep Method: EPA 3546

QC1162983 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
alpha-BHC	ND		ug/Kg	5.0	06/20/24	06/20/24
beta-BHC	ND		ug/Kg	5.0	06/20/24	06/20/24
gamma-BHC	ND		ug/Kg	5.0	06/20/24	06/20/24
delta-BHC	ND		ug/Kg	5.0	06/20/24	06/20/24
Heptachlor	ND		ug/Kg	5.0	06/20/24	06/20/24
Aldrin	ND		ug/Kg	5.0	06/20/24	06/20/24
Heptachlor epoxide	ND		ug/Kg	5.0	06/20/24	06/20/24
Endosulfan I	ND		ug/Kg	5.0	06/20/24	06/20/24
Dieldrin	ND		ug/Kg	5.0	06/20/24	06/20/24
4,4'-DDE	ND		ug/Kg	5.0	06/20/24	06/20/24
Endrin	ND		ug/Kg	5.0	06/20/24	06/20/24
Endosulfan II	ND		ug/Kg	5.0	06/20/24	06/20/24
Endosulfan sulfate	ND		ug/Kg	5.0	06/20/24	06/20/24
4,4'-DDD	ND		ug/Kg	5.0	06/20/24	06/20/24
Endrin aldehyde	ND		ug/Kg	5.0	06/20/24	06/20/24
Endrin ketone	ND		ug/Kg	5.0	06/20/24	06/20/24
4,4'-DDT	ND		ug/Kg	5.0	06/20/24	06/20/24
Methoxychlor	ND		ug/Kg	10	06/20/24	06/20/24
Toxaphene	ND		ug/Kg	100	06/20/24	06/20/24
Chlordane (Technical)	ND		ug/Kg	50	06/20/24	06/20/24
Surrogates				Limits		
TCMX	95%		%REC	23-120	06/20/24	06/20/24
Decachlorobiphenyl	95%		%REC	24-120	06/20/24	06/20/24

Batch QC

Type: Lab Control Sample	Lab ID: QC1162984	Batch: 343246
Matrix: Soil	Method: EPA 8081A	Prep Method: EPA 3546

QC1162984 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	44.48	50.00	ug/Kg	89%		22-129
beta-BHC	47.09	50.00	ug/Kg	94%		28-125
gamma-BHC	44.70	50.00	ug/Kg	89%		22-128
delta-BHC	46.55	50.00	ug/Kg	93%		24-131
Heptachlor	44.50	50.00	ug/Kg	89%		18-124
Aldrin	46.69	50.00	ug/Kg	93%		23-120
Heptachlor epoxide	43.91	50.00	ug/Kg	88%		26-120
Endosulfan I	44.78	50.00	ug/Kg	90%		25-126
Dieldrin	48.64	50.00	ug/Kg	97%		23-124
4,4'-DDE	53.81	50.00	ug/Kg	108%	#	28-121
Endrin	49.83	50.00	ug/Kg	100%		25-127
Endosulfan II	50.71	50.00	ug/Kg	101%	#	29-121
Endosulfan sulfate	51.35	50.00	ug/Kg	103%	#	30-121
4,4'-DDD	49.83	50.00	ug/Kg	100%	#	26-120
Endrin aldehyde	19.90	50.00	ug/Kg	40%	#	10-120
Endrin ketone	57.94	50.00	ug/Kg	116%	#	28-125
4,4'-DDT	53.77	50.00	ug/Kg	108%	#	22-125
Methoxychlor	63.15	50.00	ug/Kg	126%	#	28-130
Surrogates						
TCMX	43.82	50.00	ug/Kg	88%		23-120
Decachlorobiphenyl	46.28	50.00	ug/Kg	93%		24-120

Batch QC

Type: Matrix Spike	Lab ID: QC1162985	Batch: 343246
Matrix (Source ID): Soil (510441-001)	Method: EPA 8081A	Prep Method: EPA 3546

QC1162985 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	44.37	ND	50.00	ug/Kg	89%		46-120	1
beta-BHC	47.95	ND	50.00	ug/Kg	96%		41-120	1
gamma-BHC	45.85	ND	50.00	ug/Kg	92%		41-120	1
delta-BHC	37.22	ND	50.00	ug/Kg	74%		38-123	1
Heptachlor	47.45	ND	50.00	ug/Kg	95%		39-120	1
Aldrin	48.42	ND	50.00	ug/Kg	97%		34-120	1
Heptachlor epoxide	45.55	ND	50.00	ug/Kg	91%		43-120	1
Endosulfan I	26.09	ND	50.00	ug/Kg	52%		45-120	1
Dieldrin	50.56	ND	50.00	ug/Kg	101%		45-120	1
4,4'-DDE	55.21	ND	50.00	ug/Kg	110%	#	34-120	1
Endrin	52.58	ND	50.00	ug/Kg	105%		40-120	1
Endosulfan II	40.53	ND	50.00	ug/Kg	81%	#	41-120	1
Endosulfan sulfate	40.85	ND	50.00	ug/Kg	82%	#	42-120	1
4,4'-DDD	50.80	ND	50.00	ug/Kg	102%	#	41-120	1
Endrin aldehyde	2.403	ND	50.00	ug/Kg	0%	#,ND,NM	30-120	1
Endrin ketone	42.23	ND	50.00	ug/Kg	84%	#	45-120	1
4,4'-DDT	53.54	ND	50.00	ug/Kg	107%	#	35-127	1
Methoxychlor	62.52	ND	50.00	ug/Kg	125%	#	42-136	1
Surrogates								
TCMX	44.24		50.00	ug/Kg	88%		23-120	1
Decachlorobiphenyl	62.03		50.00	ug/Kg	124%	*	24-120	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1162986	Batch: 343246
Matrix (Source ID): Soil (510441-001)	Method: EPA 8081A	Prep Method: EPA 3546

QC1162986 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
alpha-BHC	48.54	ND	50.00	ug/Kg	97%		46-120	9	30	1
beta-BHC	48.81	ND	50.00	ug/Kg	98%		41-120	2	30	1
gamma-BHC	49.84	ND	50.00	ug/Kg	100%		41-120	8	30	1
delta-BHC	50.33	ND	50.00	ug/Kg	101%		38-123	30	30	1
Heptachlor	49.37	ND	50.00	ug/Kg	99%		39-120	4	30	1
Aldrin	50.91	ND	50.00	ug/Kg	102%		34-120	5	30	1
Heptachlor epoxide	47.62	ND	50.00	ug/Kg	95%		43-120	4	30	1
Endosulfan I	49.92	ND	50.00	ug/Kg	100%		45-120	63*	30	1
Dieldrin	53.07	ND	50.00	ug/Kg	106%		45-120	5	30	1
4,4'-DDE	58.10	ND	50.00	ug/Kg	116%	#	34-120	5	30	1
Endrin	54.60	ND	50.00	ug/Kg	109%		40-120	4	30	1
Endosulfan II	54.61	ND	50.00	ug/Kg	109%	#	41-120	30	30	1
Endosulfan sulfate	57.69	ND	50.00	ug/Kg	115%	#	42-120	34*	30	1
4,4'-DDD	53.00	ND	50.00	ug/Kg	106%	#	41-120	4	30	1
Endrin aldehyde	44.58	ND	50.00	ug/Kg	89%	#	30-120	180*	30	1
Endrin ketone	68.46	ND	50.00	ug/Kg	137%	#,*	45-120	47*	30	1
4,4'-DDT	58.03	ND	50.00	ug/Kg	116%	#	35-127	8	30	1
Methoxychlor	68.04	ND	50.00	ug/Kg	136%	#	42-136	8	30	1
Surrogates										
TCMX	47.56		50.00	ug/Kg	95%		23-120			1
Decachlorobiphenyl	63.65		50.00	ug/Kg	127%	*	24-120			1

Batch QC

Type: Blank	Lab ID: QC1163515	Batch: 343393
Matrix: Soil		

QC1163515 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Method: EPA 8081A						
Prep Method: EPA 3546						
alpha-BHC	ND		ug/Kg	5.1	06/21/24	06/21/24
beta-BHC	ND		ug/Kg	5.1	06/21/24	06/21/24
gamma-BHC	ND		ug/Kg	5.1	06/21/24	06/21/24
delta-BHC	ND		ug/Kg	5.1	06/21/24	06/21/24
Heptachlor	ND		ug/Kg	5.1	06/21/24	06/21/24
Aldrin	ND		ug/Kg	5.1	06/21/24	06/21/24
Heptachlor epoxide	ND		ug/Kg	5.1	06/21/24	06/21/24
Endosulfan I	ND		ug/Kg	5.1	06/21/24	06/21/24
Dieldrin	ND		ug/Kg	5.1	06/21/24	06/21/24
4,4'-DDE	ND		ug/Kg	5.1	06/21/24	06/21/24
Endrin	ND		ug/Kg	5.1	06/21/24	06/21/24
Endosulfan II	ND		ug/Kg	5.1	06/21/24	06/21/24
Endosulfan sulfate	ND		ug/Kg	5.1	06/21/24	06/21/24
4,4'-DDD	ND		ug/Kg	5.1	06/21/24	06/21/24
Endrin aldehyde	ND		ug/Kg	5.1	06/21/24	06/21/24
Endrin ketone	ND		ug/Kg	5.1	06/21/24	06/21/24
4,4'-DDT	ND		ug/Kg	5.1	06/21/24	06/21/24
Methoxychlor	ND		ug/Kg	10	06/21/24	06/21/24
Toxaphene	ND		ug/Kg	100	06/21/24	06/21/24
Chlordane (Technical)	ND		ug/Kg	51	06/21/24	06/21/24
Surrogates				Limits		
TCMX	62%		%REC	23-120	06/21/24	06/21/24
Decachlorobiphenyl	65%		%REC	24-120	06/21/24	06/21/24
Method: EPA 8082						
Prep Method: EPA 3546						
Aroclor-1016	ND		ug/Kg	51	06/21/24	06/21/24
Aroclor-1221	ND		ug/Kg	51	06/21/24	06/21/24
Aroclor-1232	ND		ug/Kg	51	06/21/24	06/21/24
Aroclor-1242	ND		ug/Kg	51	06/21/24	06/21/24
Aroclor-1248	ND		ug/Kg	51	06/21/24	06/21/24
Aroclor-1254	ND		ug/Kg	51	06/21/24	06/21/24
Aroclor-1260	ND		ug/Kg	51	06/21/24	06/21/24
Aroclor-1262	ND		ug/Kg	51	06/21/24	06/21/24
Aroclor-1268	ND		ug/Kg	51	06/21/24	06/21/24
Surrogates				Limits		
Decachlorobiphenyl (PCB)	75%		%REC	19-121	06/21/24	06/21/24

Batch QC

Type: Lab Control Sample	Lab ID: QC1163516	Batch: 343393
Matrix: Soil	Method: EPA 8081A	Prep Method: EPA 3546

QC1163516 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	31.71	50.51	ug/Kg	63%		22-129
beta-BHC	33.40	50.51	ug/Kg	66%		28-125
gamma-BHC	32.26	50.51	ug/Kg	64%		22-128
delta-BHC	30.70	50.51	ug/Kg	61%		24-131
Heptachlor	29.28	50.51	ug/Kg	58%		18-124
Aldrin	27.40	50.51	ug/Kg	54%	#	23-120
Heptachlor epoxide	27.68	50.51	ug/Kg	55%	#	26-120
Endosulfan I	26.54	50.51	ug/Kg	53%		25-126
Dieldrin	28.18	50.51	ug/Kg	56%		23-124
4,4'-DDE	29.30	50.51	ug/Kg	58%		28-121
Endrin	30.05	50.51	ug/Kg	59%		25-127
Endosulfan II	29.66	50.51	ug/Kg	59%		29-121
Endosulfan sulfate	33.35	50.51	ug/Kg	66%		30-121
4,4'-DDD	26.28	50.51	ug/Kg	52%		26-120
Endrin aldehyde	13.61	50.51	ug/Kg	27%		10-120
Endrin ketone	32.87	50.51	ug/Kg	65%		28-125
4,4'-DDT	30.26	50.51	ug/Kg	60%		22-125
Methoxychlor	32.44	50.51	ug/Kg	64%		28-130
Surrogates						
TCMX	31.54	50.51	ug/Kg	62%		23-120
Decachlorobiphenyl	30.46	50.51	ug/Kg	60%		24-120

Batch QC

Type: Matrix Spike	Lab ID: QC1163517	Batch: 343393
Matrix (Source ID): Soil (510441-027)	Method: EPA 8081A	Prep Method: EPA 3546

QC1163517 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	40.78	ND	49.50	ug/Kg	82%		46-120	0.99
beta-BHC	46.65	ND	49.50	ug/Kg	94%		41-120	0.99
gamma-BHC	43.90	ND	49.50	ug/Kg	89%		41-120	0.99
delta-BHC	41.89	ND	49.50	ug/Kg	85%		38-123	0.99
Heptachlor	39.48	ND	49.50	ug/Kg	80%		39-120	0.99
Aldrin	38.26	ND	49.50	ug/Kg	77%	#	34-120	0.99
Heptachlor epoxide	35.60	ND	49.50	ug/Kg	72%	#	43-120	0.99
Endosulfan I	41.08	ND	49.50	ug/Kg	83%		45-120	0.99
Dieldrin	41.58	ND	49.50	ug/Kg	84%		45-120	0.99
4,4'-DDE	43.58	ND	49.50	ug/Kg	88%		34-120	0.99
Endrin	45.03	ND	49.50	ug/Kg	91%		40-120	0.99
Endosulfan II	44.59	ND	49.50	ug/Kg	90%		41-120	0.99
Endosulfan sulfate	44.92	ND	49.50	ug/Kg	91%		42-120	0.99
4,4'-DDD	39.60	ND	49.50	ug/Kg	80%		41-120	0.99
Endrin aldehyde	44.67	ND	49.50	ug/Kg	90%		30-120	0.99
Endrin ketone	50.11	ND	49.50	ug/Kg	101%		45-120	0.99
4,4'-DDT	45.63	ND	49.50	ug/Kg	92%		35-127	0.99
Methoxychlor	51.83	ND	49.50	ug/Kg	105%		42-136	0.99
Surrogates								
TCMX	38.51		49.50	ug/Kg	78%		23-120	0.99
Decachlorobiphenyl	49.02		49.50	ug/Kg	99%		24-120	0.99

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1163518	Batch: 343393
Matrix (Source ID): Soil (510441-027)	Method: EPA 8081A	Prep Method: EPA 3546

QC1163518 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
alpha-BHC	35.49	ND	49.02	ug/Kg	72%		46-120	13	30	0.98
beta-BHC	40.17	ND	49.02	ug/Kg	82%		41-120	14	30	0.98
gamma-BHC	38.07	ND	49.02	ug/Kg	78%		41-120	13	30	0.98
delta-BHC	36.48	ND	49.02	ug/Kg	74%		38-123	13	30	0.98
Heptachlor	35.43	ND	49.02	ug/Kg	72%		39-120	10	30	0.98
Aldrin	34.05	ND	49.02	ug/Kg	69%	#	34-120	11	30	0.98
Heptachlor epoxide	32.49	ND	49.02	ug/Kg	66%	#	43-120	8	30	0.98
Endosulfan I	36.61	ND	49.02	ug/Kg	75%		45-120	11	30	0.98
Dieldrin	35.75	ND	49.02	ug/Kg	73%		45-120	14	30	0.98
4,4'-DDE	37.62	ND	49.02	ug/Kg	77%		34-120	14	30	0.98
Endrin	38.75	ND	49.02	ug/Kg	79%		40-120	14	30	0.98
Endosulfan II	38.67	ND	49.02	ug/Kg	79%		41-120	13	30	0.98
Endosulfan sulfate	37.19	ND	49.02	ug/Kg	76%		42-120	18	30	0.98
4,4'-DDD	34.33	ND	49.02	ug/Kg	70%		41-120	13	30	0.98
Endrin aldehyde	37.69	ND	49.02	ug/Kg	77%		30-120	16	30	0.98
Endrin ketone	44.97	ND	49.02	ug/Kg	92%		45-120	10	30	0.98
4,4'-DDT	38.88	ND	49.02	ug/Kg	79%		35-127	15	30	0.98
Methoxychlor	43.35	ND	49.02	ug/Kg	88%		42-136	17	30	0.98
Surrogates										
TCMX	33.55		49.02	ug/Kg	68%		23-120			0.98
Decachlorobiphenyl	42.92		49.02	ug/Kg	88%		24-120			0.98

Type: Lab Control Sample	Lab ID: QC1163519	Batch: 343393
Matrix: Soil	Method: EPA 8082	Prep Method: EPA 3546

QC1163519 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	468.1	510.2	ug/Kg	92%		14-150
Aroclor-1260	493.2	510.2	ug/Kg	97%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	46.70	51.02	ug/Kg	92%		19-121

Type: Matrix Spike	Lab ID: QC1163520	Batch: 343393
Matrix (Source ID): Soil (510223-001)	Method: EPA 8082	Prep Method: EPA 3546

QC1163520 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	503.4	ND	495.0	ug/Kg	102%		42-127	2
Aroclor-1260	559.7	ND	495.0	ug/Kg	113%		38-130	2
Surrogates								
Decachlorobiphenyl (PCB)	46.57		49.50	ug/Kg	94%		19-121	2

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1163521	Batch: 343393
Matrix (Source ID): Soil (510223-001)	Method: EPA 8082	Prep Method: EPA 3546

QC1163521 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	477.1	ND	505.1	ug/Kg	94%		42-127	7	30	2
Aroclor-1260	523.5	ND	505.1	ug/Kg	104%		38-130	9	30	2
Surrogates										
Decachlorobiphenyl (PCB)	45.22		50.51	ug/Kg	90%		19-121			2

Type: Lab Control Sample	Lab ID: QC1163668	Batch: 343450
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1163668 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	50.41	50.00	ug/L	101%		70-135
MTBE	50.57	50.00	ug/L	101%		70-130
Benzene	51.51	50.00	ug/L	103%		70-130
Trichloroethene	50.15	50.00	ug/L	100%		70-130
Toluene	51.38	50.00	ug/L	103%		70-130
Chlorobenzene	50.83	50.00	ug/L	102%		70-130
Surrogates						
Dibromofluoromethane	48.50	50.00	ug/L	97%		70-130
1,2-Dichloroethane-d4	50.92	50.00	ug/L	102%		70-130
Toluene-d8	50.08	50.00	ug/L	100%		70-130
Bromofluorobenzene	51.16	50.00	ug/L	102%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1163669	Batch: 343450
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1163669 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	47.28	50.00	ug/L	95%		70-135	6	30
MTBE	48.90	50.00	ug/L	98%		70-130	3	30
Benzene	49.18	50.00	ug/L	98%		70-130	5	30
Trichloroethene	49.12	50.00	ug/L	98%		70-130	2	30
Toluene	49.39	50.00	ug/L	99%		70-130	4	30
Chlorobenzene	48.70	50.00	ug/L	97%		70-130	4	30
Surrogates								
Dibromofluoromethane	48.03	50.00	ug/L	96%		70-130		
1,2-Dichloroethane-d4	47.21	50.00	ug/L	94%		70-130		
Toluene-d8	49.66	50.00	ug/L	99%		70-130		
Bromofluorobenzene	50.54	50.00	ug/L	101%		70-130		

Batch QC

Type: Matrix Spike	Lab ID: QC1163670	Batch: 343450
Matrix (Source ID): Water (510612-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1163670 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	52.11	ND	50.00	ug/L	104%		70-130	1
MTBE	49.17	ND	50.00	ug/L	98%		75-130	1
Benzene	51.58	ND	50.00	ug/L	103%		70-130	1
Trichloroethene	53.52	1.634	50.00	ug/L	104%		63-130	1
Toluene	51.75	ND	50.00	ug/L	104%		70-130	1
Chlorobenzene	51.80	ND	50.00	ug/L	104%		70-130	1
Surrogates								
Dibromofluoromethane	46.84		50.00	ug/L	94%		70-130	1
1,2-Dichloroethane-d4	46.49		50.00	ug/L	93%		70-130	1
Toluene-d8	49.82		50.00	ug/L	100%		70-130	1
Bromofluorobenzene	51.47		50.00	ug/L	103%		70-130	1

Type: Matrix Spike Duplicate	Lab ID: QC1163671	Batch: 343450
Matrix (Source ID): Water (510612-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1163671 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	50.44	ND	50.00	ug/L	101%		70-130	3	30	1
MTBE	48.28	ND	50.00	ug/L	97%		75-130	2	30	1
Benzene	50.31	ND	50.00	ug/L	101%		70-130	3	30	1
Trichloroethene	51.80	1.634	50.00	ug/L	100%		63-130	3	30	1
Toluene	49.83	ND	50.00	ug/L	100%		70-130	4	30	1
Chlorobenzene	49.68	ND	50.00	ug/L	99%		70-130	4	30	1
Surrogates										
Dibromofluoromethane	48.19		50.00	ug/L	96%		70-130			1
1,2-Dichloroethane-d4	46.92		50.00	ug/L	94%		70-130			1
Toluene-d8	49.80		50.00	ug/L	100%		70-130			1
Bromofluorobenzene	50.43		50.00	ug/L	101%		70-130			1

Batch QC

Type: Blank	Lab ID: QC1163674	Batch: 343450
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1163674 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	06/22/24	06/22/24
Freon 12	ND		ug/L	5.0	06/22/24	06/22/24
Chloromethane	ND		ug/L	5.0	06/22/24	06/22/24
Vinyl Chloride	ND		ug/L	5.0	06/22/24	06/22/24
Bromomethane	ND		ug/L	5.0	06/22/24	06/22/24
Chloroethane	ND		ug/L	5.0	06/22/24	06/22/24
Trichlorofluoromethane	ND		ug/L	5.0	06/22/24	06/22/24
Acetone	ND		ug/L	100	06/22/24	06/22/24
Freon 113	ND		ug/L	5.0	06/22/24	06/22/24
1,1-Dichloroethene	ND		ug/L	5.0	06/22/24	06/22/24
Methylene Chloride	ND		ug/L	5.0	06/22/24	06/22/24
MTBE	ND		ug/L	5.0	06/22/24	06/22/24
trans-1,2-Dichloroethene	ND		ug/L	5.0	06/22/24	06/22/24
1,1-Dichloroethane	ND		ug/L	5.0	06/22/24	06/22/24
2-Butanone	ND		ug/L	100	06/22/24	06/22/24
cis-1,2-Dichloroethene	ND		ug/L	5.0	06/22/24	06/22/24
2,2-Dichloropropane	ND		ug/L	5.0	06/22/24	06/22/24
Chloroform	ND		ug/L	5.0	06/22/24	06/22/24
Bromochloromethane	ND		ug/L	5.0	06/22/24	06/22/24
1,1,1-Trichloroethane	ND		ug/L	5.0	06/22/24	06/22/24
1,1-Dichloropropene	ND		ug/L	5.0	06/22/24	06/22/24
Carbon Tetrachloride	ND		ug/L	5.0	06/22/24	06/22/24
1,2-Dichloroethane	ND		ug/L	5.0	06/22/24	06/22/24
Benzene	ND		ug/L	5.0	06/22/24	06/22/24
Trichloroethene	ND		ug/L	5.0	06/22/24	06/22/24
1,2-Dichloropropane	ND		ug/L	5.0	06/22/24	06/22/24
Bromodichloromethane	ND		ug/L	5.0	06/22/24	06/22/24
Dibromomethane	ND		ug/L	5.0	06/22/24	06/22/24
4-Methyl-2-Pentanone	ND		ug/L	5.0	06/22/24	06/22/24
cis-1,3-Dichloropropene	ND		ug/L	5.0	06/22/24	06/22/24
Toluene	ND		ug/L	5.0	06/22/24	06/22/24
trans-1,3-Dichloropropene	ND		ug/L	5.0	06/22/24	06/22/24
1,1,2-Trichloroethane	ND		ug/L	5.0	06/22/24	06/22/24
1,3-Dichloropropane	ND		ug/L	5.0	06/22/24	06/22/24
Tetrachloroethene	ND		ug/L	5.0	06/22/24	06/22/24
Dibromochloromethane	ND		ug/L	5.0	06/22/24	06/22/24
1,2-Dibromoethane	ND		ug/L	5.0	06/22/24	06/22/24
Chlorobenzene	ND		ug/L	5.0	06/22/24	06/22/24
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	06/22/24	06/22/24
Ethylbenzene	ND		ug/L	5.0	06/22/24	06/22/24
m,p-Xylenes	ND		ug/L	10	06/22/24	06/22/24
o-Xylene	ND		ug/L	5.0	06/22/24	06/22/24
Styrene	ND		ug/L	5.0	06/22/24	06/22/24
Bromoform	ND		ug/L	5.0	06/22/24	06/22/24
Isopropylbenzene	ND		ug/L	5.0	06/22/24	06/22/24
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	06/22/24	06/22/24
1,2,3-Trichloropropane	ND		ug/L	5.0	06/22/24	06/22/24

Batch QC

QC1163674 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	06/22/24	06/22/24
Bromobenzene	ND		ug/L	5.0	06/22/24	06/22/24
1,3,5-Trimethylbenzene	ND		ug/L	5.0	06/22/24	06/22/24
2-Chlorotoluene	ND		ug/L	5.0	06/22/24	06/22/24
4-Chlorotoluene	ND		ug/L	5.0	06/22/24	06/22/24
tert-Butylbenzene	ND		ug/L	5.0	06/22/24	06/22/24
1,2,4-Trimethylbenzene	ND		ug/L	5.0	06/22/24	06/22/24
sec-Butylbenzene	ND		ug/L	5.0	06/22/24	06/22/24
para-Isopropyl Toluene	ND		ug/L	5.0	06/22/24	06/22/24
1,3-Dichlorobenzene	ND		ug/L	5.0	06/22/24	06/22/24
1,4-Dichlorobenzene	ND		ug/L	5.0	06/22/24	06/22/24
n-Butylbenzene	ND		ug/L	5.0	06/22/24	06/22/24
1,2-Dichlorobenzene	ND		ug/L	5.0	06/22/24	06/22/24
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	06/22/24	06/22/24
1,2,4-Trichlorobenzene	ND		ug/L	5.0	06/22/24	06/22/24
Hexachlorobutadiene	ND		ug/L	5.0	06/22/24	06/22/24
Naphthalene	ND		ug/L	5.0	06/22/24	06/22/24
1,2,3-Trichlorobenzene	ND		ug/L	5.0	06/22/24	06/22/24
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	06/22/24	06/22/24
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	06/22/24	06/22/24
Xylene (total)	ND		ug/L	5.0	06/22/24	06/22/24
Surrogates	Limits					
Dibromofluoromethane	101%		%REC	70-130	06/22/24	06/22/24
1,2-Dichloroethane-d4	103%		%REC	70-130	06/22/24	06/22/24
Toluene-d8	98%		%REC	70-130	06/22/24	06/22/24
Bromofluorobenzene	97%		%REC	70-130	06/22/24	06/22/24

Type: Lab Control Sample	Lab ID: QC1165298	Batch: 343927
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1165298 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	59.87	50.00	ug/Kg	120%		70-131
MTBE	58.51	50.00	ug/Kg	117%		69-130
Benzene	50.01	50.00	ug/Kg	100%		70-130
Trichloroethene	48.65	50.00	ug/Kg	97%		70-130
Toluene	50.32	50.00	ug/Kg	101%		70-130
Chlorobenzene	51.05	50.00	ug/Kg	102%		70-130
Surrogates						
Dibromofluoromethane	50.05	50.00	ug/Kg	100%		70-130
1,2-Dichloroethane-d4	46.69	50.00	ug/Kg	93%		70-145
Toluene-d8	50.11	50.00	ug/Kg	100%		70-145
Bromofluorobenzene	49.58	50.00	ug/Kg	99%		70-145

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1165299	Batch: 343927
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1165299 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	56.66	50.00	ug/Kg	113%		70-131	5	33
MTBE	52.97	50.00	ug/Kg	106%		69-130	10	30
Benzene	46.85	50.00	ug/Kg	94%		70-130	7	30
Trichloroethene	41.51	50.00	ug/Kg	83%		70-130	16	30
Toluene	46.80	50.00	ug/Kg	94%		70-130	7	30
Chlorobenzene	47.32	50.00	ug/Kg	95%		70-130	8	30
Surrogates								
Dibromofluoromethane	49.62	50.00	ug/Kg	99%		70-130		
1,2-Dichloroethane-d4	51.11	50.00	ug/Kg	102%		70-145		
Toluene-d8	48.87	50.00	ug/Kg	98%		70-145		
Bromofluorobenzene	49.38	50.00	ug/Kg	99%		70-145		

Batch QC

Type: Blank	Lab ID: QC1165302	Batch: 343927
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1165302 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	06/28/24	06/28/24
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	06/28/24	06/28/24
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	06/28/24	06/28/24
Freon 12	ND		ug/Kg	5.0	06/28/24	06/28/24
Chloromethane	ND		ug/Kg	5.0	06/28/24	06/28/24
Vinyl Chloride	ND		ug/Kg	5.0	06/28/24	06/28/24
Bromomethane	ND		ug/Kg	5.0	06/28/24	06/28/24
Chloroethane	ND		ug/Kg	5.0	06/28/24	06/28/24
Trichlorofluoromethane	ND		ug/Kg	5.0	06/28/24	06/28/24
Acetone	ND		ug/Kg	100	06/28/24	06/28/24
Freon 113	ND		ug/Kg	5.0	06/28/24	06/28/24
1,1-Dichloroethene	ND		ug/Kg	5.0	06/28/24	06/28/24
Methylene Chloride	ND		ug/Kg	5.0	06/28/24	06/28/24
MTBE	ND		ug/Kg	5.0	06/28/24	06/28/24
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	06/28/24	06/28/24
1,1-Dichloroethane	ND		ug/Kg	5.0	06/28/24	06/28/24
2-Butanone	ND		ug/Kg	100	06/28/24	06/28/24
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	06/28/24	06/28/24
2,2-Dichloropropane	ND		ug/Kg	5.0	06/28/24	06/28/24
Chloroform	ND		ug/Kg	5.0	06/28/24	06/28/24
Bromochloromethane	ND		ug/Kg	5.0	06/28/24	06/28/24
1,1,1-Trichloroethane	ND		ug/Kg	5.0	06/28/24	06/28/24
1,1-Dichloropropene	ND		ug/Kg	5.0	06/28/24	06/28/24
Carbon Tetrachloride	ND		ug/Kg	5.0	06/28/24	06/28/24
1,2-Dichloroethane	ND		ug/Kg	5.0	06/28/24	06/28/24
Benzene	ND		ug/Kg	5.0	06/28/24	06/28/24
Trichloroethene	ND		ug/Kg	5.0	06/28/24	06/28/24
1,2-Dichloropropane	ND		ug/Kg	5.0	06/28/24	06/28/24
Bromodichloromethane	ND		ug/Kg	5.0	06/28/24	06/28/24
Dibromomethane	ND		ug/Kg	5.0	06/28/24	06/28/24
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	06/28/24	06/28/24
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	06/28/24	06/28/24
Toluene	ND		ug/Kg	5.0	06/28/24	06/28/24
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	06/28/24	06/28/24
1,1,2-Trichloroethane	ND		ug/Kg	5.0	06/28/24	06/28/24
1,3-Dichloropropane	ND		ug/Kg	5.0	06/28/24	06/28/24
Tetrachloroethene	ND		ug/Kg	5.0	06/28/24	06/28/24
Dibromochloromethane	ND		ug/Kg	5.0	06/28/24	06/28/24
1,2-Dibromoethane	ND		ug/Kg	5.0	06/28/24	06/28/24
Chlorobenzene	ND		ug/Kg	5.0	06/28/24	06/28/24
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	06/28/24	06/28/24
Ethylbenzene	ND		ug/Kg	5.0	06/28/24	06/28/24
m,p-Xylenes	ND		ug/Kg	10	06/28/24	06/28/24
o-Xylene	ND		ug/Kg	5.0	06/28/24	06/28/24
Styrene	ND		ug/Kg	5.0	06/28/24	06/28/24
Bromoform	ND		ug/Kg	5.0	06/28/24	06/28/24
Isopropylbenzene	ND		ug/Kg	5.0	06/28/24	06/28/24

Batch QC

QC1165302 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	06/28/24	06/28/24
1,2,3-Trichloropropane	ND		ug/Kg	5.0	06/28/24	06/28/24
Propylbenzene	ND		ug/Kg	5.0	06/28/24	06/28/24
Bromobenzene	ND		ug/Kg	5.0	06/28/24	06/28/24
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	06/28/24	06/28/24
2-Chlorotoluene	ND		ug/Kg	5.0	06/28/24	06/28/24
4-Chlorotoluene	ND		ug/Kg	5.0	06/28/24	06/28/24
tert-Butylbenzene	ND		ug/Kg	5.0	06/28/24	06/28/24
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	06/28/24	06/28/24
sec-Butylbenzene	ND		ug/Kg	5.0	06/28/24	06/28/24
para-Isopropyl Toluene	ND		ug/Kg	5.0	06/28/24	06/28/24
1,3-Dichlorobenzene	ND		ug/Kg	5.0	06/28/24	06/28/24
1,4-Dichlorobenzene	ND		ug/Kg	5.0	06/28/24	06/28/24
n-Butylbenzene	ND		ug/Kg	5.0	06/28/24	06/28/24
1,2-Dichlorobenzene	ND		ug/Kg	5.0	06/28/24	06/28/24
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	06/28/24	06/28/24
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	06/28/24	06/28/24
Hexachlorobutadiene	ND		ug/Kg	5.0	06/28/24	06/28/24
Naphthalene	ND		ug/Kg	5.0	06/28/24	06/28/24
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	06/28/24	06/28/24
Xylene (total)	ND		ug/Kg	5.0	06/28/24	06/28/24
Surrogates	Limits					
Dibromofluoromethane	98%		%REC	70-130	06/28/24	06/28/24
1,2-Dichloroethane-d4	93%		%REC	70-145	06/28/24	06/28/24
Toluene-d8	102%		%REC	70-145	06/28/24	06/28/24
Bromofluorobenzene	106%		%REC	70-145	06/28/24	06/28/24

Batch QC

Type: Blank	Lab ID: QC1165303	Batch: 343927
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1165303 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	250	06/28/24	06/28/24
cis-1,4-Dichloro-2-butene	ND		ug/Kg	250	06/28/24	06/28/24
trans-1,4-Dichloro-2-butene	ND		ug/Kg	250	06/28/24	06/28/24
Freon 12	ND		ug/Kg	250	06/28/24	06/28/24
Chloromethane	ND		ug/Kg	250	06/28/24	06/28/24
Vinyl Chloride	ND		ug/Kg	250	06/28/24	06/28/24
Bromomethane	ND		ug/Kg	250	06/28/24	06/28/24
Chloroethane	ND		ug/Kg	250	06/28/24	06/28/24
Trichlorofluoromethane	ND		ug/Kg	250	06/28/24	06/28/24
Acetone	ND		ug/Kg	5,000	06/28/24	06/28/24
Freon 113	ND		ug/Kg	250	06/28/24	06/28/24
1,1-Dichloroethene	ND		ug/Kg	250	06/28/24	06/28/24
Methylene Chloride	ND		ug/Kg	400	06/28/24	06/28/24
MTBE	ND		ug/Kg	250	06/28/24	06/28/24
trans-1,2-Dichloroethene	ND		ug/Kg	250	06/28/24	06/28/24
1,1-Dichloroethane	ND		ug/Kg	250	06/28/24	06/28/24
2-Butanone	ND		ug/Kg	5,000	06/28/24	06/28/24
cis-1,2-Dichloroethene	ND		ug/Kg	250	06/28/24	06/28/24
2,2-Dichloropropane	ND		ug/Kg	250	06/28/24	06/28/24
Chloroform	ND		ug/Kg	250	06/28/24	06/28/24
Bromochloromethane	ND		ug/Kg	250	06/28/24	06/28/24
1,1,1-Trichloroethane	ND		ug/Kg	250	06/28/24	06/28/24
1,1-Dichloropropene	ND		ug/Kg	250	06/28/24	06/28/24
Carbon Tetrachloride	ND		ug/Kg	250	06/28/24	06/28/24
1,2-Dichloroethane	ND		ug/Kg	250	06/28/24	06/28/24
Benzene	ND		ug/Kg	250	06/28/24	06/28/24
Trichloroethene	ND		ug/Kg	250	06/28/24	06/28/24
1,2-Dichloropropane	ND		ug/Kg	250	06/28/24	06/28/24
Bromodichloromethane	ND		ug/Kg	250	06/28/24	06/28/24
Dibromomethane	ND		ug/Kg	250	06/28/24	06/28/24
4-Methyl-2-Pentanone	ND		ug/Kg	250	06/28/24	06/28/24
cis-1,3-Dichloropropene	ND		ug/Kg	250	06/28/24	06/28/24
Toluene	ND		ug/Kg	250	06/28/24	06/28/24
trans-1,3-Dichloropropene	ND		ug/Kg	250	06/28/24	06/28/24
1,1,2-Trichloroethane	ND		ug/Kg	250	06/28/24	06/28/24
1,3-Dichloropropane	ND		ug/Kg	250	06/28/24	06/28/24
Tetrachloroethene	ND		ug/Kg	250	06/28/24	06/28/24
Dibromochloromethane	ND		ug/Kg	250	06/28/24	06/28/24
1,2-Dibromoethane	ND		ug/Kg	250	06/28/24	06/28/24
Chlorobenzene	ND		ug/Kg	250	06/28/24	06/28/24
1,1,1,2-Tetrachloroethane	ND		ug/Kg	250	06/28/24	06/28/24
Ethylbenzene	ND		ug/Kg	250	06/28/24	06/28/24
m,p-Xylenes	ND		ug/Kg	500	06/28/24	06/28/24
o-Xylene	ND		ug/Kg	250	06/28/24	06/28/24
Styrene	ND		ug/Kg	250	06/28/24	06/28/24
Bromoform	ND		ug/Kg	250	06/28/24	06/28/24
Isopropylbenzene	ND		ug/Kg	250	06/28/24	06/28/24

Batch QC

QC1165303 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,1,2,2-Tetrachloroethane	ND		ug/Kg	250	06/28/24	06/28/24
1,2,3-Trichloropropane	ND		ug/Kg	250	06/28/24	06/28/24
Propylbenzene	ND		ug/Kg	250	06/28/24	06/28/24
Bromobenzene	ND		ug/Kg	250	06/28/24	06/28/24
1,3,5-Trimethylbenzene	ND		ug/Kg	250	06/28/24	06/28/24
2-Chlorotoluene	ND		ug/Kg	250	06/28/24	06/28/24
4-Chlorotoluene	ND		ug/Kg	250	06/28/24	06/28/24
tert-Butylbenzene	ND		ug/Kg	250	06/28/24	06/28/24
1,2,4-Trimethylbenzene	ND		ug/Kg	250	06/28/24	06/28/24
sec-Butylbenzene	ND		ug/Kg	250	06/28/24	06/28/24
para-Isopropyl Toluene	ND		ug/Kg	250	06/28/24	06/28/24
1,3-Dichlorobenzene	ND		ug/Kg	250	06/28/24	06/28/24
1,4-Dichlorobenzene	ND		ug/Kg	250	06/28/24	06/28/24
n-Butylbenzene	ND		ug/Kg	250	06/28/24	06/28/24
1,2-Dichlorobenzene	ND		ug/Kg	250	06/28/24	06/28/24
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	250	06/28/24	06/28/24
1,2,4-Trichlorobenzene	ND		ug/Kg	250	06/28/24	06/28/24
Hexachlorobutadiene	ND		ug/Kg	250	06/28/24	06/28/24
Naphthalene	ND		ug/Kg	250	06/28/24	06/28/24
1,2,3-Trichlorobenzene	ND		ug/Kg	250	06/28/24	06/28/24
Xylene (total)	ND		ug/Kg	250	06/28/24	06/28/24
Surrogates	Limits					
Dibromofluoromethane	97%		%REC	70-130	06/28/24	06/28/24
1,2-Dichloroethane-d4	96%		%REC	70-145	06/28/24	06/28/24
Toluene-d8	103%		%REC	70-145	06/28/24	06/28/24
Bromofluorobenzene	103%		%REC	70-145	06/28/24	06/28/24

Type: Matrix Spike	Lab ID: QC1165390	Batch: 343927
Matrix (Source ID): Soil (511171-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1165390 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	53.18	ND	50.00	ug/Kg	106%		70-141	1
MTBE	46.71	ND	50.00	ug/Kg	93%		59-130	1
Benzene	42.92	ND	50.00	ug/Kg	86%		70-130	1
Trichloroethene	37.05	ND	50.00	ug/Kg	74%		69-130	1
Toluene	41.29	ND	50.00	ug/Kg	83%		70-130	1
Chlorobenzene	40.67	ND	50.00	ug/Kg	81%		70-130	1
Surrogates								
Dibromofluoromethane	51.17		50.00	ug/Kg	102%		70-145	1
1,2-Dichloroethane-d4	53.19		50.00	ug/Kg	106%		70-145	1
Toluene-d8	49.89		50.00	ug/Kg	100%		70-145	1
Bromofluorobenzene	50.53		50.00	ug/Kg	101%		70-145	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1165391	Batch: 343927
Matrix (Source ID): Soil (511171-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1165391 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	51.66	ND	50.00	ug/Kg	103%		70-141	3	43	1
MTBE	50.14	ND	50.00	ug/Kg	100%		59-130	7	30	1
Benzene	40.31	ND	50.00	ug/Kg	81%		70-130	6	30	1
Trichloroethene	35.99	ND	50.00	ug/Kg	72%		69-130	3	30	1
Toluene	39.83	ND	50.00	ug/Kg	80%		70-130	4	30	1
Chlorobenzene	40.72	ND	50.00	ug/Kg	81%		70-130	0	30	1
Surrogates										
Dibromofluoromethane	51.19		50.00	ug/Kg	102%		70-145			1
1,2-Dichloroethane-d4	51.86		50.00	ug/Kg	104%		70-145			1
Toluene-d8	50.15		50.00	ug/Kg	100%		70-145			1
Bromofluorobenzene	51.37		50.00	ug/Kg	103%		70-145			1

CCV drift outside limits; average CCV drift within limits per method requirements

* Value is outside QC limits

ND Not Detected

NM Not Meaningful

Laboratory Job Number 510441

Subcontracted Products

AmeriSci



AmeriSci Los Angeles

24416 S. Main Street, Ste 308
Carson, California 90745
TEL: 3108344868 FAX: 3108344772

June 27, 2024

Enthalpy Analytical
Attn: Project Manager
931 W. Barkley Ave.
Orange, CA 92868

RE: Enthalpy Analytical
Job Number 924061197
P.O. #067437
EO-510441; (Report Amended 6/24/2024)

Dear Project Manager:

Enclosed are the results of Asbestos Analysis - Bulk Qualitative Protocol of the following Enthalpy Analytical samples, received at AmeriSci on Tuesday, June 18, 2024, for a 5 day turnaround:

510441-004, 510441-011, 510441-022, 510441-027

The 4 samples, placed in glass vial, were shipped to AmeriSci via 1. Enthalpy Analytical requested Bulk-Qualitative analysis of these samples. The samples, as submitted, were prepared and analyzed by using a Standard Operating Procedure developed by AmeriSci, Inc.. After preparation, using non-quantitative matrix reduction if necessary, the presence or absence of asbestos is determined by PLM and/or TEM as indicated on the attached summary table. Quantification after the fact is not possible without a new preparation. This report relates ONLY to the analysis expressed as "asbestos present" or "no asbestos visible".

This report must not be used to claim product endorsement or approval by AmeriSci, NVLAP, ELAP or any other associated AmeriSci certifying agency. The National Institute of Standards and Technology Accreditation requirements, mandates that this report must not be reproduced, except in full without the approval of the laboratory.

AmeriSci appreciates this opportunity to serve your organization. Please contact us for any further assistance or with any questions.

Sincerely,

A handwritten signature in dark ink, appearing to read "M. Rivero". The signature is fluid and cursive, with a long, sweeping tail on the final letter.

Mary S. Rivero
Admin. Manager | Authorized Signatory

**AmeriSci Los Angeles**

24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

PLM Bulk Asbestos Report

Enthalpy Analytical
Attn: Project Manager
931 W. Barkley Ave.

Orange, CA 92868

Date Received 06/18/24 **AmeriSci Job #** 924061197
Date Examined 06/20/24 **P.O. #** 067437
Page 1 of 2
RE: EO-510441; (Report Amended 6/24/2024)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
510441-004 Location: SB17-1 Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA NAD	924061197-01	No	NVA ¹ by Thu M. Nguyen on 06/20/24
510441-011 Location: DL13-1 Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA NAD	924061197-02	No	NVA ¹ by Thu M. Nguyen on 06/20/24
510441-022 Location: SB19-1 Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA NAD	924061197-03	No	NVA ¹ by Thu M. Nguyen on 06/20/24
510441-027 Location: DL1-1 Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA NAD	924061197-04	No	NVA ¹ by Thu M. Nguyen on 06/20/24

Client Name: Enthalpy Analytical

PLM Bulk Asbestos Report

EO-510441; (Report Amended 6/24/2024)

Reporting Notes:

(1) Qualitative PLM result may not be reliable for soil, tape, dust or debris samples due to high variability in particle and aggregate size.

Analyzed by: Thu M. Nguyen



Reviewed by: Lateef McIntosh



Date: 6/20/2024

*NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; NVA = No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/R-93/116, including requirements for EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.

AmeriSci Los Angeles	Report Amendment Explanation Form (append to amended report)	Date Amended 6/24/2024

Client: Enthalpy Analytical

AmeriSci Job #: 924061197

Client Job: EO-510441

Analysis Type: PLM-Bulk-Qualitative

AmeriSci Sample
#s affected: 924061197

Amended by
(print/sign): Beatriz Arellano

Original Item(s)
Being Amended: P.O. NUMBER

Changes Made: ADDED P.O. NUMBER 067437

Reason for
Changes: CLIENT ADDED P.O. NUMBER

Attach original sheet with incorrect item or items to be amended clearly indicated or circled.



ENTHALPY

ANALYTICAL

Enthalpy Analytical - Orange
Orange, CA 92868
(714) 771-6900 / Fax: (510) 486-0532

924061197

Enthalpy Order: EO-510441

Subcontract Laboratory:

AmeriSci
24416 S. Main Street
Suite 308
Carson, CA 90745
ATTN: Sample Control
PO #: Required, to be sent via email

PM: Patty Mata
Email: patty.mata@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard
TAT

Report Level: II
Report To: RL
EDDs:

Notes:

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
SB17-1	17-JUN-2024 07:35	510441-004	1	Soil	Asbestos by PLM	
DL13-1	17-JUN-2024 08:30	510441-011	1	Soil	Asbestos by PLM	
SB19-1	17-JUN-2024 10:15	510441-022	1	Soil	Asbestos by PLM	
DL1-1	17-JUN-2024 11:05	510441-027	1	Soil	Asbestos by PLM	

Notes:	Relinquished By:	Received By:
	Date: 6/18/24 1658	Date: 6/18/24 1200
	Date:	Date:
	Date:	Date:



714-449-9937
562-646-1611

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
WWW.JONESENV.COM

18 June 2024

Parya Saneipoor
Millennium Consulting Associates
4683 Chabot Drive
Pleasanton, CA 94588

Re: Environmental Assessment

Enclosed are the results of analyses for samples received by the laboratory on 06/14/24. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Colby Wakeman".

Colby Wakeman
Lab Director

Millennium Consulting Associates
4683 Chabot Drive
Pleasanton, CA 94588Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya SaneipoorReported
06/18/24 14:27

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
VP6-5	J241716-001	Soil Vapor	06/14/2024 08:29	06/14/2024 05:48
VP6-5 REP	J241716-002	Soil Vapor	06/14/2024 08:32	06/14/2024 05:48
VP6-15	J241716-003	Soil Vapor	06/14/2024 08:48	06/14/2024 05:48
VP3-5	J241716-004	Soil Vapor	06/14/2024 09:07	06/14/2024 05:48
VP3-15	J241716-005	Soil Vapor	06/14/2024 09:22	06/14/2024 05:48
VP2-5	J241716-006	Soil Vapor	06/14/2024 09:49	06/14/2024 05:48
VP2-15	J241716-007	Soil Vapor	06/14/2024 09:55	06/14/2024 05:48
VP1-5	J241716-008	Soil Vapor	06/14/2024 10:14	06/14/2024 05:48
VP1-15	J241716-009	Soil Vapor	06/14/2024 10:30	06/14/2024 05:48
VP4-5	J241716-010	Soil Vapor	06/14/2024 11:03	06/14/2024 05:48
VP4-15	J241716-011	Soil Vapor	06/14/2024 11:21	06/14/2024 05:48
VP4-15 REP	J241716-012	Soil Vapor	06/14/2024 11:23	06/14/2024 05:48
VP5-5	J241716-013	Soil Vapor	06/14/2024 11:39	06/14/2024 05:48
VP5-15	J241716-014	Soil Vapor	06/14/2024 11:55	06/14/2024 05:48

Jones Environmental, Inc.

Colby Wakeman
Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Millennium Consulting Associates
4683 Chabot Drive
Pleasanton, CA 94588

Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/18/24 14:27

DETECTIONS SUMMARY

Sample ID: VP6-5

Laboratory ID: J241716-001

Analyte	Result	Reporting Limit	Units	Method	Notes
1,2,4-Trimethylbenzene	18	8	µg/m3	EPA 8260	
4-Isopropyltoluene	43	8	µg/m3	EPA 8260	
Benzene	30	8	µg/m3	EPA 8260	
Ethylbenzene	12	8	µg/m3	EPA 8260	
m,p-Xylene	50	16	µg/m3	EPA 8260	
o-Xylene	13	8	µg/m3	EPA 8260	
Tetrachloroethene	8	8	µg/m3	EPA 8260	
Toluene	86	8	µg/m3	EPA 8260	

Sample ID: VP6-5 REP

Laboratory ID: J241716-002

Analyte	Result	Reporting Limit	Units	Method	Notes
1,2,4-Trimethylbenzene	14	8	µg/m3	EPA 8260	
4-Isopropyltoluene	37	8	µg/m3	EPA 8260	
Benzene	27	8	µg/m3	EPA 8260	
Ethylbenzene	11	8	µg/m3	EPA 8260	
m,p-Xylene	34	16	µg/m3	EPA 8260	
o-Xylene	10	8	µg/m3	EPA 8260	
Toluene	74	8	µg/m3	EPA 8260	

Sample ID: VP6-15

Laboratory ID: J241716-003

Analyte	Result	Reporting Limit	Units	Method	Notes
1,2,4-Trimethylbenzene	12	8	µg/m3	EPA 8260	
4-Isopropyltoluene	27	8	µg/m3	EPA 8260	
m,p-Xylene	27	16	µg/m3	EPA 8260	
Tetrachloroethene	15	8	µg/m3	EPA 8260	
Toluene	51	8	µg/m3	EPA 8260	

Jones Environmental, Inc.



Colby Wakeman
Lab Director

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Millennium Consulting Associates
4683 Chabot Drive
Pleasanton, CA 94588

Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/18/24 14:27

DETECTIONS SUMMARY

Sample ID: VP3-5

Laboratory ID: J241716-004

Analyte	Result	Reporting Limit	Units	Method	Notes
1,2,4-Trimethylbenzene	16	8	µg/m3	EPA 8260	
4-Isopropyltoluene	68	8	µg/m3	EPA 8260	
Benzene	17	8	µg/m3	EPA 8260	
Ethylbenzene	12	8	µg/m3	EPA 8260	
m,p-Xylene	43	16	µg/m3	EPA 8260	
o-Xylene	13	8	µg/m3	EPA 8260	
Tetrachloroethene	8	8	µg/m3	EPA 8260	
Toluene	87	8	µg/m3	EPA 8260	

Sample ID: VP3-15

Laboratory ID: J241716-005

Analyte	Result	Reporting Limit	Units	Method	Notes
4-Isopropyltoluene	70	8	µg/m3	EPA 8260	
Benzene	14	8	µg/m3	EPA 8260	
Ethylbenzene	10	8	µg/m3	EPA 8260	
m,p-Xylene	40	16	µg/m3	EPA 8260	
o-Xylene	11	8	µg/m3	EPA 8260	
Tetrachloroethene	17	8	µg/m3	EPA 8260	
Toluene	86	8	µg/m3	EPA 8260	

Sample ID: VP2-5

Laboratory ID: J241716-006

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	20	8	µg/m3	EPA 8260	
Toluene	10	8	µg/m3	EPA 8260	

Sample ID: VP2-15

Laboratory ID: J241716-007

Analyte	Result	Reporting Limit	Units	Method	Notes

Jones Environmental, Inc.



Colby Wakeman
Lab Director

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Millennium Consulting Associates
4683 Chabot Drive
Pleasanton, CA 94588

Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/18/24 14:27

DETECTIONS SUMMARY

Sample ID: VP2-15

Laboratory ID: J241716-007

Analyte	Result	Reporting Limit	Units	Method	Notes
1,2,4-Trimethylbenzene	14	8	µg/m3	EPA 8260	
Benzene	34	8	µg/m3	EPA 8260	
Ethylbenzene	13	8	µg/m3	EPA 8260	
m,p-Xylene	47	16	µg/m3	EPA 8260	
o-Xylene	16	8	µg/m3	EPA 8260	
Tetrachloroethene	14	8	µg/m3	EPA 8260	
Toluene	102	8	µg/m3	EPA 8260	

Sample ID: VP1-5

Laboratory ID: J241716-008

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	22	8	µg/m3	EPA 8260	
Toluene	12	8	µg/m3	EPA 8260	

Sample ID: VP1-15

Laboratory ID: J241716-009

Analyte	Result	Reporting Limit	Units	Method	Notes
1,2,4-Trimethylbenzene	9	8	µg/m3	EPA 8260	
Benzene	35	8	µg/m3	EPA 8260	
Ethylbenzene	12	8	µg/m3	EPA 8260	
m,p-Xylene	40	16	µg/m3	EPA 8260	
o-Xylene	11	8	µg/m3	EPA 8260	
Tetrachloroethene	15	8	µg/m3	EPA 8260	
Toluene	84	8	µg/m3	EPA 8260	

Sample ID: VP4-5

Laboratory ID: J241716-010

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,1-Trichloroethane	18	8	µg/m3	EPA 8260	

Jones Environmental, Inc.



Colby Wakeman
Lab Director

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Millennium Consulting Associates
4683 Chabot Drive
Pleasanton, CA 94588

Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/18/24 14:27

DETECTIONS SUMMARY

Sample ID: VP4-5

Laboratory ID: J241716-010

Analyte	Result	Reporting Limit	Units	Method	Notes
Styrene	40	8	µg/m3	EPA 8260	
Tetrachloroethene	31	8	µg/m3	EPA 8260	
Toluene	31	8	µg/m3	EPA 8260	

Sample ID: VP4-15

Laboratory ID: J241716-011

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,1-Trichloroethane	24	8	µg/m3	EPA 8260	
4-Isopropyltoluene	26	8	µg/m3	EPA 8260	
Ethylbenzene	8	8	µg/m3	EPA 8260	
m,p-Xylene	22	16	µg/m3	EPA 8260	
Tetrachloroethene	32	8	µg/m3	EPA 8260	
Toluene	78	8	µg/m3	EPA 8260	

Sample ID: VP4-15 REP

Laboratory ID: J241716-012

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,1-Trichloroethane	24	8	µg/m3	EPA 8260	
4-Isopropyltoluene	28	8	µg/m3	EPA 8260	
m,p-Xylene	21	16	µg/m3	EPA 8260	
Tetrachloroethene	29	8	µg/m3	EPA 8260	
Toluene	80	8	µg/m3	EPA 8260	

Sample ID: VP5-5

Laboratory ID: J241716-013

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,1-Trichloroethane	14	8	µg/m3	EPA 8260	
1,2,4-Trimethylbenzene	13	8	µg/m3	EPA 8260	
4-Isopropyltoluene	25	8	µg/m3	EPA 8260	

Jones Environmental, Inc.



Colby Wakeman
Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Millennium Consulting Associates
4683 Chabot Drive
Pleasanton, CA 94588

Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/18/24 14:27

DETECTIONS SUMMARY

Sample ID: VP5-5

Laboratory ID: J241716-013

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	22	8	µg/m3	EPA 8260	
Ethylbenzene	11	8	µg/m3	EPA 8260	
m,p-Xylene	38	16	µg/m3	EPA 8260	
o-Xylene	12	8	µg/m3	EPA 8260	
Tetrachloroethene	26	8	µg/m3	EPA 8260	
Toluene	78	8	µg/m3	EPA 8260	

Sample ID: VP5-15

Laboratory ID: J241716-014

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,1-Trichloroethane	28	8	µg/m3	EPA 8260	
Tetrachloroethene	49	8	µg/m3	EPA 8260	
Toluene	51	8	µg/m3	EPA 8260	

Jones Environmental, Inc.



Colby Wakeman
Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Millennium Consulting Associates
4683 Chabot Drive
Pleasanton, CA 94588

Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/18/24 14:27

VP6-5
J241716-001(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Benzene	30	8	µg/m3	1	QC2406262	06/14/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	ND	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
Ethylbenzene	12	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	43	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	8	8	µg/m3	"	"	"	"	
Toluene	86	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	18	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	

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Lab Director

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4683 Chabot Drive
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Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/18/24 14:27

VP6-5
J241716-001(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Vinyl chloride	ND	8	µg/m3	1	QC2406262	06/14/24	EPA 8260	
m,p-Xylene	50	16	µg/m3	"	"	"	"	
o-Xylene	13	8	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Acetone (LCC)	ND	80	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	99.05 %	60 - 140						
Surrogate: Dibromofluoromethane	99.92 %	60 - 140						
Surrogate: 4-Bromofluorobenzene	94.61 %	60 - 140						

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Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/18/24 14:27

VP6-5 REP
J241716-002(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Benzene	27	8	µg/m3	1	QC2406262	06/14/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	ND	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
Ethylbenzene	11	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	37	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	ND	8	µg/m3	"	"	"	"	
Toluene	74	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	14	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	

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Project: Environmental Assessment
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Project Manager: Parya Saneipoor

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06/18/24 14:27

VP6-5 REP
J241716-002(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Vinyl chloride	ND	8	µg/m3	1	QC2406262	06/14/24	EPA 8260	
m,p-Xylene	34	16	µg/m3	"	"	"	"	
o-Xylene	10	8	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Acetone (LCC)	ND	80	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	99.73 %	60 - 140						
Surrogate: Dibromofluoromethane	102.70 %	60 - 140						
Surrogate: 4-Bromofluorobenzene	93.17 %	60 - 140						

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Project: Environmental Assessment
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Project Manager: Parya Saneipoor

Reported
06/18/24 14:27

VP6-15
J241716-003(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Benzene	ND	8	µg/m3	1	QC2406262	06/14/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	ND	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
Ethylbenzene	ND	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	27	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	15	8	µg/m3	"	"	"	"	
Toluene	51	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	12	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	

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Project Manager: Parya Saneipoor

Reported
06/18/24 14:27

VP6-15
J241716-003(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Vinyl chloride	ND	8	µg/m3	1	QC2406262	06/14/24	EPA 8260	
m,p-Xylene	27	16	µg/m3	"	"	"	"	
o-Xylene	ND	8	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Acetone (LCC)	ND	80	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	101.13 %	60 - 140						
Surrogate: Dibromofluoromethane	102.91 %	60 - 140						
Surrogate: 4-Bromofluorobenzene	93.51 %	60 - 140						

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Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/18/24 14:27

VP3-5
J241716-004(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Benzene	17	8	µg/m3	1	QC2406262	06/14/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	ND	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
Ethylbenzene	12	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	68	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	8	8	µg/m3	"	"	"	"	
Toluene	87	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	16	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	

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Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/18/24 14:27

VP3-5
J241716-004(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Vinyl chloride	ND	8	µg/m3	1	QC2406262	06/14/24	EPA 8260	
m,p-Xylene	43	16	µg/m3	"	"	"	"	
o-Xylene	13	8	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Acetone (LCC)	ND	80	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	98.55 %	60 - 140						
Surrogate: Dibromofluoromethane	102.96 %	60 - 140						
Surrogate: 4-Bromofluorobenzene	93.80 %	60 - 140						

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Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/18/24 14:27

VP3-15
J241716-005(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Benzene	14	8	µg/m3	1	QC2406262	06/14/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	ND	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
Ethylbenzene	10	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	70	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	17	8	µg/m3	"	"	"	"	
Toluene	86	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	

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4683 Chabot Drive
Pleasanton, CA 94588

Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/18/24 14:27

VP3-15
J241716-005(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Vinyl chloride	ND	8	µg/m3	1	QC2406262	06/14/24	EPA 8260	
m,p-Xylene	40	16	µg/m3	"	"	"	"	
o-Xylene	11	8	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Acetone (LCC)	ND	80	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	98.98 %	60 - 140						
Surrogate: Dibromofluoromethane	101.28 %	60 - 140						
Surrogate: 4-Bromofluorobenzene	92.21 %	60 - 140						

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Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/18/24 14:27

VP2-5
J241716-006(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Benzene	ND	8	µg/m3	1	QC2406262	06/14/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	ND	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
Ethylbenzene	ND	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	20	8	µg/m3	"	"	"	"	
Toluene	10	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	

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Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/18/24 14:27

VP2-5
J241716-006(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Vinyl chloride	ND	8	µg/m3	1	QC2406262	06/14/24	EPA 8260	
m,p-Xylene	ND	16	µg/m3	"	"	"	"	
o-Xylene	ND	8	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Acetone (LCC)	ND	80	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	98.38 %	60 - 140						
Surrogate: Dibromofluoromethane	100.95 %	60 - 140						
Surrogate: 4-Bromofluorobenzene	92.76 %	60 - 140						

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Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/18/24 14:27

VP2-15
J241716-007(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Benzene	34	8	µg/m3	1	QC2406262	06/14/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	ND	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
Ethylbenzene	13	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	14	8	µg/m3	"	"	"	"	
Toluene	102	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	14	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	

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Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/18/24 14:27

VP2-15
J241716-007(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Vinyl chloride	ND	8	µg/m3	1	QC2406262	06/14/24	EPA 8260	
m,p-Xylene	47	16	µg/m3	"	"	"	"	
o-Xylene	16	8	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Acetone (LCC)	ND	80	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	98.66 %	60 - 140						
Surrogate: Dibromofluoromethane	101.67 %	60 - 140						
Surrogate: 4-Bromofluorobenzene	93.13 %	60 - 140						

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Pleasanton, CA 94588

Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/18/24 14:27

VP1-5
J241716-008(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Benzene	ND	8	µg/m3	1	QC2406262	06/14/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	ND	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
Ethylbenzene	ND	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	22	8	µg/m3	"	"	"	"	
Toluene	12	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	

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Project: Environmental Assessment
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Project Manager: Parya Saneipoor

Reported
06/18/24 14:27

VP1-5
J241716-008(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Vinyl chloride	ND	8	µg/m3	1	QC2406262	06/14/24	EPA 8260	
m,p-Xylene	ND	16	µg/m3	"	"	"	"	
o-Xylene	ND	8	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Acetone (LCC)	ND	80	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	98.92 %	60 - 140						
Surrogate: Dibromofluoromethane	101.11 %	60 - 140						
Surrogate: 4-Bromofluorobenzene	93.34 %	60 - 140						

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Pleasanton, CA 94588

Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/18/24 14:27

VP1-15
J241716-009(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Benzene	35	8	µg/m3	1	QC2406262	06/14/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	ND	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
Ethylbenzene	12	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	15	8	µg/m3	"	"	"	"	
Toluene	84	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	9	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	

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VP1-15
J241716-009(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Vinyl chloride	ND	8	µg/m3	1	QC2406262	06/14/24	EPA 8260	
m,p-Xylene	40	16	µg/m3	"	"	"	"	
o-Xylene	11	8	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Acetone (LCC)	ND	80	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	98.02 %	60 - 140						
Surrogate: Dibromofluoromethane	100.15 %	60 - 140						
Surrogate: 4-Bromofluorobenzene	93.79 %	60 - 140						

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Pleasanton, CA 94588

Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/18/24 14:27

VP4-5
J241716-010(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Benzene	ND	8	µg/m3	1	QC2406262	06/14/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	ND	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
Ethylbenzene	ND	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	40	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	31	8	µg/m3	"	"	"	"	
Toluene	31	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	18	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	

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Lab Director

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Millennium Consulting Associates
4683 Chabot Drive
Pleasanton, CA 94588

Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/18/24 14:27

VP4-5
J241716-010(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Vinyl chloride	ND	8	µg/m3	1	QC2406262	06/14/24	EPA 8260	
m,p-Xylene	ND	16	µg/m3	"	"	"	"	
o-Xylene	ND	8	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Acetone (LCC)	ND	80	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	99.09 %	60 - 140						
Surrogate: Dibromofluoromethane	97.58 %	60 - 140						
Surrogate: 4-Bromofluorobenzene	93.21 %	60 - 140						

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Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/18/24 14:27

VP4-15
J241716-011(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Benzene	ND	8	µg/m3	1	QC2406262	06/14/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	ND	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
Ethylbenzene	8	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	26	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	32	8	µg/m3	"	"	"	"	
Toluene	78	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	24	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	

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Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/18/24 14:27

VP4-15
J241716-011(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Vinyl chloride	ND	8	µg/m3	1	QC2406262	06/14/24	EPA 8260	
m,p-Xylene	22	16	µg/m3	"	"	"	"	
o-Xylene	ND	8	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Acetone (LCC)	ND	80	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	98.38 %	60 - 140						
Surrogate: Dibromofluoromethane	100.95 %	60 - 140						
Surrogate: 4-Bromofluorobenzene	95.07 %	60 - 140						

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Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/18/24 14:27

VP4-15 REP
J241716-012(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Benzene	ND	8	µg/m3	1	QC2406262	06/14/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	ND	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
Ethylbenzene	ND	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	28	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	29	8	µg/m3	"	"	"	"	
Toluene	80	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	24	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	

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Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/18/24 14:27

VP4-15 REP
J241716-012(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Vinyl chloride	ND	8	µg/m3	1	QC2406262	06/14/24	EPA 8260	
m,p-Xylene	21	16	µg/m3	"	"	"	"	
o-Xylene	ND	8	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Acetone (LCC)	ND	80	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	98.16 %	60 - 140						
Surrogate: Dibromofluoromethane	101.79 %	60 - 140						
Surrogate: 4-Bromofluorobenzene	92.91 %	60 - 140						

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Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/18/24 14:27

VP5-5
J241716-013(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Benzene	22	8	µg/m3	1	QC2406262	06/14/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	ND	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
Ethylbenzene	11	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	25	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	26	8	µg/m3	"	"	"	"	
Toluene	78	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	14	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	13	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	

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Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/18/24 14:27

VP5-5
J241716-013(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Vinyl chloride	ND	8	µg/m3	1	QC2406262	06/14/24	EPA 8260	
m,p-Xylene	38	16	µg/m3	"	"	"	"	
o-Xylene	12	8	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Acetone (LCC)	ND	80	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	99.50 %	60 - 140						
Surrogate: Dibromofluoromethane	102.02 %	60 - 140						
Surrogate: 4-Bromofluorobenzene	93.28 %	60 - 140						

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Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/18/24 14:27

VP5-15
J241716-014(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Benzene	ND	8	µg/m3	1	QC2406262	06/14/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	ND	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
Ethylbenzene	ND	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	49	8	µg/m3	"	"	"	"	
Toluene	51	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	28	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	

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Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/18/24 14:27

VP5-15
J241716-014(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Vinyl chloride	ND	8	µg/m3	1	QC2406262	06/14/24	EPA 8260	
m,p-Xylene	ND	16	µg/m3	"	"	"	"	
o-Xylene	ND	8	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Acetone (LCC)	ND	80	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	98.23 %	60 - 140						
Surrogate: Dibromofluoromethane	100.65 %	60 - 140						
Surrogate: 4-Bromofluorobenzene	93.50 %	60 - 140						

Jones Environmental, Inc.



Colby Wakeman
Lab Director

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Millennium Consulting Associates
4683 Chabot Drive
Pleasanton, CA 94588

Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/18/24 14:27

Standard ug/m3 by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes

Batch QC2406262 - EPA 8260

CCV 1

Benzene	10	8	%	10		99	80 - 120		120	
Chlorobenzene	11	8	%	10		106	80 - 120		120	
1,1-Dichloroethene	11	8	%	10		106	80 - 120		120	
cis-1,2-Dichloroethene	10	8	%	10		101	80 - 120		120	
Ethylbenzene	11	8	%	10		107	80 - 120		120	
Tetrachloroethene	11	8	%	10		112	80 - 120		120	
Toluene	10	8	%	10		101	80 - 120		120	
1,1,1-Trichloroethane	10	8	%	10		102	80 - 120		120	
Trichloroethene	10	8	%	10		103	80 - 120		120	
1,2,4-Trimethylbenzene	11	8	%	10		112	80 - 120		120	
Vinyl chloride	9	8	%	10		87	80 - 120		120	

LCS 1

Benzene	2.59	8	%	2.5		104	70 - 130			
Chlorobenzene	3.00	8	%	2.5		120	70 - 130			
1,1-Dichloroethene	2.67	8	%	2.5		107	60 - 140			
cis-1,2-Dichloroethene	2.72	8	%	2.5		109	70 - 130			
Ethylbenzene	2.85	8	%	2.5		114	70 - 130			
Tetrachloroethene	3.17	8	%	2.5		127	70 - 130			
Toluene	2.68	8	%	2.5		107	70 - 130			
1,1,1-Trichloroethane	2.52	8	%	2.5		101	70 - 130			
Trichloroethene	2.77	8	%	2.5		111	70 - 130			
1,2,4-Trimethylbenzene	3.12	8	%	2.5		125	70 - 130			
Vinyl chloride	2.33	8	%	2.5		93	60 - 140			

Surrogate: Toluene-d8 100.66 % 60 - 140

Surrogate: Dibromofluoromethane 102.73 % 60 - 140

Surrogate: 4-Bromofluorobenzene 92.61 % 60 - 140

LCSD 1

Benzene	2.87	8	%	2.5		115		10.00		
Chlorobenzene	3.08	8	%	2.5		123		2.54		
1,1-Dichloroethene	2.86	8	%	2.5		115		6.91		
cis-1,2-Dichloroethene	2.89	8	%	2.5		115		5.94		
Ethylbenzene	2.98	8	%	2.5		119		4.57		
Tetrachloroethene	3.39	8	%	2.5		136		6.72		(2)
Toluene	2.91	8	%	2.5		117		8.17		
1,1,1-Trichloroethane	2.75	8	%	2.5		110		8.87		

Jones Environmental, Inc.



Colby Wakeman
Lab Director

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Millennium Consulting Associates
4683 Chabot Drive
Pleasanton, CA 94588

Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/18/24 14:27

Standard ug/m3 by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes

Batch QC2406262 - EPA 8260

LCSD 1

Trichloroethene	3.05	8	%	2.5		122		9.65		
1,2,4-Trimethylbenzene	3.24	8	%	2.5		130		3.82		
Vinyl chloride	2.39	8	%	2.5		95		2.25		

Surrogate: Toluene-d8	101.74 %	60 - 140
Surrogate: Dibromofluoromethane	103.32 %	60 - 140
Surrogate: 4-Bromofluorobenzene	92.31 %	60 - 140

Method Blank 1

Benzene	ND	8	µg/m3
Bromodichloromethane	ND	8	µg/m3
Bromoform	ND	8	µg/m3
n-Butylbenzene	ND	12	µg/m3
sec-Butylbenzene	ND	12	µg/m3
tert-Butylbenzene	ND	12	µg/m3
Carbon tetrachloride	ND	8	µg/m3
Chlorobenzene	ND	8	µg/m3
Chloroform	ND	8	µg/m3
Dibromochloromethane	ND	8	µg/m3
1,2-Dibromoethane (EDB)	ND	8	µg/m3
1,2-Dichlorobenzene	ND	16	µg/m3
1,3-Dichlorobenzene	ND	16	µg/m3
1,4-Dichlorobenzene	ND	16	µg/m3
Freon 12	ND	16	µg/m3
Freon 11	ND	16	µg/m3
Freon 113	ND	16	µg/m3
1,1-Dichloroethane	ND	8	µg/m3
1,2-Dichloroethane	ND	8	µg/m3
1,1-Dichloroethene	ND	8	µg/m3
cis-1,2-Dichloroethene	ND	8	µg/m3
trans-1,2-Dichloroethene	ND	8	µg/m3
Ethylbenzene	ND	8	µg/m3
Isopropylbenzene	ND	8	µg/m3
4-Isopropyltoluene	ND	8	µg/m3
Methylene chloride	ND	8	µg/m3
Naphthalene	ND	40	µg/m3
n-Propylbenzene	ND	8	µg/m3

Jones Environmental, Inc.



Colby Wakeman
Lab Director

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Millennium Consulting Associates
4683 Chabot Drive
Pleasanton, CA 94588

Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/18/24 14:27

Standard ug/m3 by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes

Batch QC2406262 - EPA 8260

Method Blank 1

Styrene	ND	8	µg/m3
1,1,1,2-Tetrachloroethane	ND	8	µg/m3
1,1,2,2-Tetrachloroethane	ND	16	µg/m3
Tetrachloroethene	ND	8	µg/m3
Toluene	ND	8	µg/m3
1,1,1-Trichloroethane	ND	8	µg/m3
1,1,2-Trichloroethane	ND	8	µg/m3
Trichloroethene	ND	8	µg/m3
1,2,4-Trimethylbenzene	ND	8	µg/m3
1,3,5-Trimethylbenzene	ND	8	µg/m3
Vinyl chloride	ND	8	µg/m3
m,p-Xylene	ND	16	µg/m3
o-Xylene	ND	8	µg/m3
Methyl-tert-butylether	ND	40	µg/m3
Ethyl-tert-butylether	ND	40	µg/m3
Di-isopropylether	ND	40	µg/m3
tert-amylmethylether	ND	40	µg/m3
tert-Butylalcohol	ND	400	µg/m3
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3
n-Hexane (LCC)	ND	80	µg/m3
n-Pentane (LCC)	ND	80	µg/m3
Acetone (LCC)	ND	80	µg/m3

Surrogate: Toluene-d8	98.50 %	60 - 140
Surrogate: Dibromofluoromethane	102.74 %	60 - 140
Surrogate: 4-Bromofluorobenzene	93.66 %	60 - 140

Sample Blank 1

Benzene	ND	8	µg/m3
Bromodichloromethane	ND	8	µg/m3
Bromoform	ND	8	µg/m3
n-Butylbenzene	ND	12	µg/m3
sec-Butylbenzene	ND	12	µg/m3
tert-Butylbenzene	ND	12	µg/m3
Carbon tetrachloride	ND	8	µg/m3
Chlorobenzene	ND	8	µg/m3
Chloroform	ND	8	µg/m3

Jones Environmental, Inc.



Colby Wakeman
Lab Director

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Millennium Consulting Associates
4683 Chabot Drive
Pleasanton, CA 94588

Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/18/24 14:27

Standard ug/m3 by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes

Batch QC2406262 - EPA 8260

Sample Blank 1

Dibromochloromethane	ND	8	µg/m3
1,2-Dibromoethane (EDB)	ND	8	µg/m3
1,2-Dichlorobenzene	ND	16	µg/m3
1,3-Dichlorobenzene	ND	16	µg/m3
1,4-Dichlorobenzene	ND	16	µg/m3
Freon 12	ND	16	µg/m3
Freon 11	ND	16	µg/m3
Freon 113	ND	16	µg/m3
1,1-Dichloroethane	ND	8	µg/m3
1,2-Dichloroethane	ND	8	µg/m3
1,1-Dichloroethene	ND	8	µg/m3
cis-1,2-Dichloroethene	ND	8	µg/m3
trans-1,2-Dichloroethene	ND	8	µg/m3
Ethylbenzene	ND	8	µg/m3
Isopropylbenzene	ND	8	µg/m3
4-Isopropyltoluene	ND	8	µg/m3
Methylene chloride	ND	8	µg/m3
Naphthalene	ND	40	µg/m3
n-Propylbenzene	ND	8	µg/m3
Styrene	ND	8	µg/m3
1,1,1,2-Tetrachloroethane	ND	8	µg/m3
1,1,2,2-Tetrachloroethane	ND	16	µg/m3
Tetrachloroethene	ND	8	µg/m3
Toluene	ND	8	µg/m3
1,1,1-Trichloroethane	ND	8	µg/m3
1,1,2-Trichloroethane	ND	8	µg/m3
Trichloroethene	ND	8	µg/m3
1,2,4-Trimethylbenzene	ND	8	µg/m3
1,3,5-Trimethylbenzene	ND	8	µg/m3
Vinyl chloride	ND	8	µg/m3
m,p-Xylene	ND	16	µg/m3
o-Xylene	ND	8	µg/m3
Methyl-tert-butylether	ND	40	µg/m3
Ethyl-tert-butylether	ND	40	µg/m3
Di-isopropylether	ND	40	µg/m3
tert-amylmethylether	ND	40	µg/m3
tert-Butylalcohol	ND	400	µg/m3

Jones Environmental, Inc.



Colby Wakeman
Lab Director

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Millennium Consulting Associates
4683 Chabot Drive
Pleasanton, CA 94588

Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/18/24 14:27

Standard ug/m3 by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes

Batch QC2406262 - EPA 8260

Sample Blank 1

Gasoline Range Organics (C4-C12)	ND	2000	µg/m3							
n-Hexane (LCC)	ND	80	µg/m3							
n-Pentane (LCC)	ND	80	µg/m3							
Acetone (LCC)	ND	80	µg/m3							
<i>Surrogate: Toluene-d8</i>		99.35 %	60 - 140							
<i>Surrogate: Dibromofluoromethane</i>		105.06 %	60 - 140							
<i>Surrogate: 4-Bromofluorobenzene</i>		95.94 %	60 - 140							

Jones Environmental, Inc.



Colby Wakeman
Lab Director

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Millennium Consulting Associates
4683 Chabot Drive
Pleasanton, CA 94588

Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/18/24 14:27

Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- E Estimated Concentration; concentration exceeds calibration range.
- LCC Leak Check Compound
- MDL Compound Reported to Method Detection Limit
- 1 Recovery outside of acceptable limits. LCS/LCSD recoveries and %RSD were within QC limits, therefore data was accepted.
- SMSR Sample matrix prevented adequate surrogate recovery.
- J Value less than PQL but greater than MDL.
- HHSR High hydrocarbon concentration in this sample prevented adequate surrogate recovery.
- SMTAR Sample matrix prevented adequate recovery of target analytes.
- OV Sample was filtered in the lab before extraction.
- HHTAR High hydrocarbon concentration prevented in-range recovery of target analytes.
- IHRPD Target analyte recoveries were outside of range but accepted due to passing RPDs
- AROL Target analyte recovery exceeded recovery range but was accepted due to ND of that analyte in MB and sample(s).
- ISO-H Isomers could not be sufficiently chromatographically resolved according to method requirements due to hydrocarbon interference or other matrix effects. The isomers' reported individual concentrations were each calculated as the average of each of the individual isomers' concentrations.
- 2 Recovery outside of acceptable limits for either LCS or LCSD. CCV and LCS or LCSD recoveries were within limits; therefore data was accepted.
- 3 RPD outside of acceptable limits. Target analyte recoveries were within QC limits; therefore, data was accepted.
- 4 LCS and/or LCSD recoveries exceeded acceptability ranges. Target analyte recoveries were accepted due to passing CCV, in-range LCS/LCSD RPDs, and a clean MB in which all target analytes were < RL.
- SMTAR Sample matrix prevented adequate recovery of target analytes.
- RV Surrogate recovery outside of control limits due to required dilution.

Jones Environmental, Inc.



Colby Wakeman
Lab Director

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11007 Forest Pl.
Santa Fe Springs, CA 90670
(714) 449-9937
Fax (714) 449-9685
www.jonesenv.com

Soil-Gas Chain-of-Custody Record

LAB USE ONLY

Jones Project #

J241716

Page

1 of 2

Sample Container:

GASTIGHT GLASS SYRINGE

If different than above, see Notes.

QC 2406262

Client
Millenium Consulting Associates

Project Name
Environmental Assessment

Project Address
7850 Melrose

Los Angeles, CA 90046

Email

Phone

Report To
Parya Saneipoor

Sampler
Christian Aceves

Date
6/14/2024

Client Project #
12060.201

Purge Number:
☐ 1P ☒ 3P ☐ 7P ☐ 10P

Shut-In Test: **Y** / N

Report Options
EDD _____
EDF* - 10% Surcharge _____

*Global ID _____

Turn Around Requested

- ☐ Immediate Attention
☐ Rush 24 Hours
☐ Rush 48 Hours
☐ Rush 72 Hours
☐ Normal
☒ Mobile Lab

Reporting Limits

☒ Standard ☐ Low Level* ☐ Ultra-Low*
*surcharge for these limits

Tracer

- ☒ n-pentane
☒ n-hexane
☐ n-heptane
☐ Isopropyl Alcohol
☒ Acetone
☐ 1,1-DFA

Analysis Requested

Sample Matrix:
Soil Gas (SG), Air (A), Material (M)

EPA 8260B (VOCs)

Gasoline Range Organics

Magnehelic Vacuum (In/H₂O)

Number of Containers

Notes & Special Instructions

Sample ID	Purge Number	Purge Volume (mL)	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample ID	Purge Rate (mL/min)	Pump Used	Magnehelic	Sample Matrix: Soil Gas (SG), Air (A), Material (M)	EPA 8260B (VOCs)	Gasoline Range Organics	Magnehelic Vacuum (In/H ₂ O)	Number of Containers	Notes & Special Instructions
VP6-5	3	1630	6/14/24	8:29	8:31	J241716-001	200	JSFG	118008	SG	X	X	<2	1	
VP6-5 REP	3	1630	6/14/24	8:32	8:46	J241716-002	200	JSFG	118008	SG	X	X	<2	1	
VP6-15	3	1790	6/14/24	8:48	9:02	J241716-003	200	21196	M100.010	SG	X	X	<2	1	
VP3-5	3	1630	6/14/24	9:07	9:19	J241716-004	200	JSFG	M100.201	SG	X	X	<2	1	
VP3-15	3	1790	6/14/24	9:22	9:36	J241716-005	200	21196	M100.204	SG	X	X	<2	1	
VP2-5	3	1630	6/14/24	9:49	9:53	J241716-006	200	JSFG	118008	SG	X	X	<2	1	
VP2-15	3	1790	6/14/24	9:55	10:09	J241716-007	200	21196	M100.010	SG	X	X	<2	1	
VP1-5	3	1630	6/14/24	10:14	10:26	J241716-008	200	JSFG	M100.201	SG	X	X	<2	1	
VP1-15	3	1790	6/14/24	10:30	10:45	J241716-009	200	21196	M100.204	SG	X	X	<2	1	
VP4-5	3	1630	6/14/24	11:03	11:04	J241716-010	200	JSFG	118008	SG	X	X	<2	1	

Representative Signature

Printed Name
Cornelius Harris

Company
Millenium Consulting Associates

Date
6/14/2024

Time
1255

Laboratory Signature

Printed Name
Christian Aceves

Company
JONES ENVIRONMENTAL, INC.

Date
6/14/2024

Time
1205

10 Total Number of Containers

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been requested, and the information provided herein is correct and accurate.



714-449-9937
562-646-1611

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
WWW.JONESENV.COM

21 June 2024

Parya Saneipoor
Millennium Consulting Associates
4683 Chabot Drive
Pleasanton, CA 94588

Re: Environmental Assessment

Enclosed are the results of analyses for samples received by the laboratory on 06/14/24. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Colby Wakeman".

Colby Wakeman
Lab Director

Millennium Consulting Associates
4683 Chabot Drive
Pleasanton, CA 94588

Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/21/24 13:52

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
VP1-15	J241746-001	Soil Gas	06/14/2024 10:36	06/14/2024 17:00
VP4-5	J241746-002	Soil Gas	06/14/2024 11:11	06/14/2024 17:00

Jones Environmental, Inc.



Colby Wakeman
Lab Director

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Millennium Consulting Associates
4683 Chabot Drive
Pleasanton, CA 94588

Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/21/24 13:52

DETECTIONS SUMMARY

Sample ID: VP1-15

Laboratory ID: J241746-001

Analyte	Result	Reporting Limit	Units	Method	Notes
1,2,4-Trimethylbenzene	10.7	1.0	µg/m3	EPA TO-15	
1,3,5-Trimethylbenzene	4.1	1.0	µg/m3	EPA TO-15	
Benzene	29.6	1.0	µg/m3	EPA TO-15	
Carbon Disulfide	9.5	1.0	µg/m3	EPA TO-15	
Chloroform	1.3	1.0	µg/m3	EPA TO-15	
Cyclohexane	2.7	1.0	µg/m3	EPA TO-15	
Ethyl Acetate	2.5	1.0	µg/m3	EPA TO-15	
Ethylbenzene	11.0	1.0	µg/m3	EPA TO-15	
Freon 11	1.4	1.0	µg/m3	EPA TO-15	
Freon 12	3.2	1.0	µg/m3	EPA TO-15	
m+p-Xylene	38.2	1.0	µg/m3	EPA TO-15	
n-Propylbenzene	2.3	1.0	µg/m3	EPA TO-15	
o-Xylene	13.3	1.0	µg/m3	EPA TO-15	
Tetrachloroethene	12.3	1.0	µg/m3	EPA TO-15	
Toluene	73.0	20.0	µg/m3	EPA TO-15	
Trichloroethene	2.0	1.0	µg/m3	EPA TO-15	

Sample ID: VP4-5

Laboratory ID: J241746-002

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,1-Trichloroethane	22.3	1.0	µg/m3	EPA TO-15	
1,2,4-Trimethylbenzene	8.3	1.0	µg/m3	EPA TO-15	
1,3,5-Trimethylbenzene	1.9	1.0	µg/m3	EPA TO-15	
Benzene	1.2	1.0	µg/m3	EPA TO-15	
Carbon Disulfide	2.5	1.0	µg/m3	EPA TO-15	
Chloroform	1.2	1.0	µg/m3	EPA TO-15	
Ethyl Acetate	5.2	1.0	µg/m3	EPA TO-15	

Jones Environmental, Inc.



Colby Wakeman
Lab Director

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Millennium Consulting Associates
4683 Chabot Drive
Pleasanton, CA 94588

Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/21/24 13:52

DETECTIONS SUMMARY

Sample ID: VP4-5

Laboratory ID: J241746-002

Analyte	Result	Reporting Limit	Units	Method	Notes
Ethylbenzene	2.5	1.0	µg/m3	EPA TO-15	
Freon 11	1.4	1.0	µg/m3	EPA TO-15	
Freon 12	3.0	1.0	µg/m3	EPA TO-15	
m+p-Xylene	10.0	1.0	µg/m3	EPA TO-15	
Naphthalene	1.6	1.0	µg/m3	EPA TO-15	
n-Propylbenzene	1.1	1.0	µg/m3	EPA TO-15	
o-Xylene	3.9	1.0	µg/m3	EPA TO-15	
Styrene	50.7	1.0	µg/m3	EPA TO-15	
Tetrachloroethene	26.7	1.0	µg/m3	EPA TO-15	
Toluene	29.8	1.0	µg/m3	EPA TO-15	

Jones Environmental, Inc.



Colby Wakeman
Lab Director

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Millennium Consulting Associates
4683 Chabot Drive
Pleasanton, CA 94588

Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/21/24 13:52

VP1-15
J241746-001(Soil Gas)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Volatile Organic Compounds by EPA TO-15								
Benzene	29.6	1.0	µg/m3	1	QC2406332	06/17/24	EPA TO-15	
Bromodichloromethane	ND	1.0	µg/m3	"	"	"	"	
Bromoform	ND	1.0	µg/m3	"	"	"	"	
1,3-Butadiene	ND	1.0	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	1.0	µg/m3	"	"	"	"	
Chlorobenzene	ND	1.0	µg/m3	"	"	"	"	
Chloroform	1.3	1.0	µg/m3	"	"	"	"	
Carbon Disulfide	9.5	1.0	µg/m3	"	"	"	"	
Cyclohexane	2.7	1.0	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	µg/m3	"	"	"	"	
1,4-Dioxane	ND	1.0	µg/m3	"	"	"	"	
1,2- Dichlorobenzene	ND	1.0	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	1.0	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	1.0	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	1.0	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	µg/m3	"	"	"	"	
Ethyl Acetate	2.5	1.0	µg/m3	"	"	"	"	
Ethylbenzene	11.0	1.0	µg/m3	"	"	"	"	
Freon 11	1.4	1.0	µg/m3	"	"	"	"	
Freon 12	3.2	1.0	µg/m3	"	"	"	"	
Freon 113	ND	1.0	µg/m3	"	"	"	"	
Isopropylbenzene	ND	1.0	µg/m3	"	"	"	"	
Methylene chloride	ND	1.0	µg/m3	"	"	"	"	
Naphthalene	ND	1.0	µg/m3	"	"	"	"	
n-Propylbenzene	2.3	1.0	µg/m3	"	"	"	"	
Styrene	ND	1.0	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	µg/m3	"	"	"	"	
Tetrachloroethene	12.3	1.0	µg/m3	"	"	"	"	
Toluene	73.0	20.0	µg/m3	20	"	"	"	
1,1,1-Trichloroethane	ND	1.0	µg/m3	1	"	"	"	
1,1,2-Trichloroethane	ND	1.0	µg/m3	"	"	"	"	
Trichloroethene	2.0	1.0	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	10.7	1.0	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	4.1	1.0	µg/m3	"	"	"	"	
Vinyl Chloride	ND	1.0	µg/m3	"	"	"	"	

Jones Environmental, Inc.



Colby Wakeman
Lab Director

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Millennium Consulting Associates
4683 Chabot Drive
Pleasanton, CA 94588

Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/21/24 13:52

VP1-15
J241746-001(Soil Gas)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Volatile Organic Compounds by EPA TO-15								
m+p-Xylene	38.2	1.0	µg/m3	1	QC2406332	06/17/24	EPA TO-15	
o-Xylene	13.3	1.0	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	10.0	µg/m3	"	"	"	"	
n-Propanol (LCC)	ND	10.0	µg/m3	"	"	"	"	
Acetone (LCC)	ND	10.0	µg/m3	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>100.25 %</i>	<i>80 - 120</i>						

Jones Environmental, Inc.



Colby Wakeman
Lab Director

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Millennium Consulting Associates
4683 Chabot Drive
Pleasanton, CA 94588

Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/21/24 13:52

VP4-5
J241746-002(Soil Gas)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Volatile Organic Compounds by EPA TO-15								
Benzene	1.2	1.0	µg/m3	1	QC2406332	06/17/24	EPA TO-15	
Bromodichloromethane	ND	1.0	µg/m3	"	"	"	"	
Bromoform	ND	1.0	µg/m3	"	"	"	"	
1,3-Butadiene	ND	1.0	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	1.0	µg/m3	"	"	"	"	
Chlorobenzene	ND	1.0	µg/m3	"	"	"	"	
Chloroform	1.2	1.0	µg/m3	"	"	"	"	
Carbon Disulfide	2.5	1.0	µg/m3	"	"	"	"	
Cyclohexane	ND	1.0	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	µg/m3	"	"	"	"	
1,4-Dioxane	ND	1.0	µg/m3	"	"	"	"	
1,2- Dichlorobenzene	ND	1.0	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	1.0	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	1.0	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	1.0	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	µg/m3	"	"	"	"	
Ethyl Acetate	5.2	1.0	µg/m3	"	"	"	"	
Ethylbenzene	2.5	1.0	µg/m3	"	"	"	"	
Freon 11	1.4	1.0	µg/m3	"	"	"	"	
Freon 12	3.0	1.0	µg/m3	"	"	"	"	
Freon 113	ND	1.0	µg/m3	"	"	"	"	
Isopropylbenzene	ND	1.0	µg/m3	"	"	"	"	
Methylene chloride	ND	1.0	µg/m3	"	"	"	"	
Naphthalene	1.6	1.0	µg/m3	"	"	"	"	
n-Propylbenzene	1.1	1.0	µg/m3	"	"	"	"	
Styrene	50.7	1.0	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	µg/m3	"	"	"	"	
Tetrachloroethene	26.7	1.0	µg/m3	"	"	"	"	
Toluene	29.8	1.0	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	22.3	1.0	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	µg/m3	"	"	"	"	
Trichloroethene	ND	1.0	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	8.3	1.0	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	1.9	1.0	µg/m3	"	"	"	"	
Vinyl Chloride	ND	1.0	µg/m3	"	"	"	"	

Jones Environmental, Inc.



Colby Wakeman
Lab Director

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Millennium Consulting Associates
4683 Chabot Drive
Pleasanton, CA 94588

Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/21/24 13:52

VP4-5
J241746-002(Soil Gas)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Volatile Organic Compounds by EPA TO-15								
m+p-Xylene	10.0	1.0	µg/m3	1	QC2406332	06/17/24	EPA TO-15	
o-Xylene	3.9	1.0	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	10.0	µg/m3	"	"	"	"	
n-Propanol (LCC)	ND	10.0	µg/m3	"	"	"	"	
Acetone (LCC)	ND	10.0	µg/m3	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>	99.14 %	80 - 120						

Jones Environmental, Inc.



Colby Wakeman
Lab Director

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Millennium Consulting Associates
4683 Chabot Drive
Pleasanton, CA 94588

Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/21/24 13:52

Volatile Organic Compounds by EPA TO-15 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes

Batch QC2406332 - EPA TO-15

LCS 1

Benzene	0.164	1.0	%	0.1853		89	70 - 130			
Chlorobenzene	0.255	1.0	%	0.267		96	70 - 130			
1,1-Dichloroethene	0.260	1.0	%	0.232		112	70 - 130			
cis-1,2-Dichloroethene	0.253	1.0	%	0.232		109	70 - 130			
Ethylbenzene	0.230	1.0	%	0.2497		92	70 - 130			
Tetrachloroethene	0.401	1.0	%	0.4036		99	70 - 130			
Toluene	0.196	1.0	%	0.2205		89	70 - 130			
1,1,1-Trichloroethane	0.334	1.0	%	0.3274		102	70 - 130			
Trichloroethene	0.318	1.0	%	0.309		103	70 - 130			
1,2,4-Trimethylbenzene	0.223	1.0	%	0.2778		80	70 - 130			
Vinyl chloride	0.180	1.0	%	0.1496		120	70 - 130			

Surrogate: 4-Bromofluorobenzene 96.80 % 80 - 120

LCSD 1

Benzene	0.163	1.0	%	0.1853		88	70 - 130	0.69	130	
Chlorobenzene	0.247	1.0	%	0.267		92	70 - 130	3.39	130	
1,1-Dichloroethene	0.252	1.0	%	0.232		109	70 - 130	2.98	130	
cis-1,2-Dichloroethene	0.245	1.0	%	0.232		105	70 - 130	3.49	130	
Ethylbenzene	0.219	1.0	%	0.2497		88	70 - 130	4.89	130	
Tetrachloroethene	0.375	1.0	%	0.4036		93	70 - 130	6.72	130	
Toluene	0.180	1.0	%	0.2205		81	70 - 130	8.51	130	
1,1,1-Trichloroethane	0.312	1.0	%	0.3274		95	70 - 130	6.71	130	
Trichloroethene	0.298	1.0	%	0.309		96	70 - 130	6.75	130	
1,2,4-Trimethylbenzene	0.192	1.0	%	0.2778		69	70 - 130	14.83	130	
Vinyl chloride	0.177	1.0	%	0.1496		118	70 - 130	1.83	130	

Surrogate: 4-Bromofluorobenzene 99.08 % 80 - 120

Method Blank 1

Benzene	ND	1.0	µg/m3							
Bromodichloromethane	ND	1.0	µg/m3							
Bromoform	ND	1.0	µg/m3							
1,3-Butadiene	ND	1.0	µg/m3							
Carbon tetrachloride	ND	1.0	µg/m3							
Chlorobenzene	ND	1.0	µg/m3							
Chloroform	ND	1.0	µg/m3							
Carbon Disulfide	ND	1.0	µg/m3							

Jones Environmental, Inc.



Colby Wakeman
Lab Director

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Millennium Consulting Associates
4683 Chabot Drive
Pleasanton, CA 94588

Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/21/24 13:52

Volatile Organic Compounds by EPA TO-15 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes

Batch QC2406332 - EPA TO-15

Method Blank 1

Cyclohexane	ND	1.0	µg/m3
1,2-Dibromoethane (EDB)	ND	1.0	µg/m3
1,4-Dioxane	ND	1.0	µg/m3
1,2- Dichlorobenzene	ND	1.0	µg/m3
1,3-Dichlorobenzene	ND	1.0	µg/m3
1,4-Dichlorobenzene	ND	1.0	µg/m3
1,1-Dichloroethane	ND	1.0	µg/m3
1,2-Dichloroethane	ND	1.0	µg/m3
1,1-Dichloroethene	ND	1.0	µg/m3
cis-1,2-Dichloroethene	ND	1.0	µg/m3
trans-1,2-Dichloroethene	ND	1.0	µg/m3
Ethyl Acetate	ND	1.0	µg/m3
Ethylbenzene	ND	1.0	µg/m3
Freon 11	ND	1.0	µg/m3
Freon 12	ND	1.0	µg/m3
Freon 113	ND	1.0	µg/m3
Isopropylbenzene	ND	1.0	µg/m3
Methylene chloride	ND	1.0	µg/m3
Naphthalene	ND	1.0	µg/m3
n-Propylbenzene	ND	1.0	µg/m3
Styrene	ND	1.0	µg/m3
1,1,2,2-Tetrachloroethane	ND	1.0	µg/m3
Tetrachloroethene	ND	1.0	µg/m3
Toluene	ND	1.0	µg/m3
1,1,1-Trichloroethane	ND	1.0	µg/m3
1,1,2-Trichloroethane	ND	1.0	µg/m3
Trichloroethene	ND	1.0	µg/m3
1,2,4-Trimethylbenzene	ND	1.0	µg/m3
1,3,5-Trimethylbenzene	ND	1.0	µg/m3
Vinyl Chloride	ND	1.0	µg/m3
m+p-Xylene	ND	1.0	µg/m3
o-Xylene	ND	1.0	µg/m3
n-Pentane (LCC)	ND	10.0	µg/m3
n-Hexane (LCC)	ND	10.0	µg/m3
Acetone (LCC)	ND	10.0	µg/m3

Surrogate: 4-Bromofluorobenzene 97.56 % 80 - 120

Jones Environmental, Inc.



Colby Wakeman
Lab Director

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Millennium Consulting Associates
4683 Chabot Drive
Pleasanton, CA 94588

Project: Environmental Assessment
Project Number: 12060.2010
Project Manager: Parya Saneipoor

Reported
06/21/24 13:52

Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- E Estimated Concentration; concentration exceeds calibration range.
- LCC Leak Check Compound
- MDL Compound Reported to Method Detection Limit
- 1 Recovery outside of acceptable limits. LCS/LCSD recoveries and %RSD were within QC limits, therefore data was accepted.
- SMSR Sample matrix prevented adequate surrogate recovery.
- J Value less than PQL but greater than MDL.
- HHSR High hydrocarbon concentration in this sample prevented adequate surrogate recovery.
- SMTAR Sample matrix prevented adequate recovery of target analytes.
- OV Sample was filtered in the lab before extraction.
- HHTAR High hydrocarbon concentration prevented in-range recovery of target analytes.
- IHRPD Target analyte recoveries were outside of range but accepted due to passing RPDs
- AROL Target analyte recovery exceeded recovery range but was accepted due to ND of that analyte in MB and sample(s).
- ISO-H Isomers could not be sufficiently chromatographically resolved according to method requirements due to hydrocarbon interference or other matrix effects. The isomers' reported individual concentrations were each calculated as the average of each of the individual isomers' concentrations.
- 2 Recovery outside of acceptable limits for either LCS or LCSD. CCV and LCS or LCSD recoveries were within limits; therefore data was accepted.
- 3 RPD outside of acceptable limits. Target analyte recoveries were within QC limits; therefore, data was accepted.
- 4 LCS and/or LCSD recoveries exceeded acceptability ranges. Target analyte recoveries were accepted due to passing CCV, in-range LCS/LCSD RPDs, and a clean MB in which all target analytes were < RL.
- SMTAR Sample matrix prevented adequate recovery of target analytes.
- RV Surrogate recovery outside of control limits due to required dilution.

Jones Environmental, Inc.



Colby Wakeman
Lab Director

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Login Report

Customer Name: Millennium Consulting Associates

Order ID: J241746

Purchase Order:

Order Date: 6/17/2024

Project ID: Environmental Assessment

Comment:

Sample #:	J241746-001	Customer Sample #:	VP1-15	Site:	
Recv'd:	☒	Collector:		Date Collected:	06/14/24 10:36 AM
Quantity:	1	Matrix:	Soil Gas	Date Received:	06/14/24 5:00 PM
Comment:					
Test	Test Group		Method		Due Date
TO-15 Full List			EPA TO-15		6/28/2024

Sample #:	J241746-002	Customer Sample #:	VP4-5	Site:	
Recv'd:	☒	Collector:		Date Collected:	06/14/24 11:11 AM
Quantity:	1	Matrix:	Soil Gas	Date Received:	06/14/24 5:00 PM
Comment:					
Test	Test Group		Method		Due Date
TO-15 Full List			EPA TO-15		6/28/2024

SAMPLE CONDITION RECORD

1. Are the samples within correct temperature criteria? (0 - 6°C)	N/A
2. If not within temp. criteria, were samples received on ice?	N/A
3. If not within temp. criteria, were samples received chilled on same day of sampling?	N/A
4. Is the Chain of Custody (COC) received filled out completely?	Yes
5. Does the total number of containers received match COC?	Yes
6. Are the sample container label(s) consistent with COC?	Yes
7. Are the sample container(s) intact and in good condition?	Yes
8. Were the proper containers & sufficient volume for analyses requested on COC?	Yes
9. Was the proper preservative indicated on COC/container for analyses requested?	N/A
10. Are the containers for volatile analysis free of headspace? (EPA 8260 water)	N/A
EDF Requested	No



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

enthalpy.com

Lab Job Number : 521233
Report Level : II
Report Date : 12/06/2024

Analytical Report *prepared for:*

Jenice Feiner
Millennium Consulting Associates
14241 E. Firestone Blvd, Ste 300
La Mirada, CA 90638

Location: 12060.2010, LAUSD Fairfax HS

Authorized for release by:

Patty Mata, Project Manager
patty.mata@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

Jenice Feiner	Lab Job #:	521233
Millennium Consulting	Location:	12060.2010, LAUSD Fairfax HS
Associates	Date Received:	11/26/24
14241 E. Firestone Blvd, Ste 300		
La Mirada, CA 90638		

Sample ID	Lab ID	Collected	Matrix
PS2-1'	521233-001	11/25/24 10:00	Soil
PS2-5'	521233-002	11/25/24 10:15	Soil
PS2-10'	521233-003	11/25/24 10:25	Soil
PS2-15'	521233-004	11/25/24 10:45	Soil
PS3-1'	521233-005	11/25/24 09:15	Soil
PS3-5'	521233-006	11/25/24 09:25	Soil
PS3-10'	521233-007	11/25/24 09:35	Soil
PS3-15'	521233-008	11/25/24 09:45	Soil
VP10-1'	521233-009	11/25/24 08:30	Soil
VP10-5'	521233-010	11/25/24 08:40	Soil
VP10-10'	521233-011	11/25/24 08:50	Soil
VP10-15'	521233-012	11/25/24 09:00	Soil

Case Narrative

Millennium Consulting Associates
14241 E. Firestone Blvd, Ste 300
La Mirada, CA 90638
Jenice Feiner

Lab Job Number: 521233
Location: 12060.2010, LAUSD Fairfax
HS
Date Received: 11/26/24

- This data package contains sample and QC results for twelve soil samples, requested for the above referenced project on 11/26/24. The samples were received cold and intact.
- Revised report on 12/6/24 to include the asbestos test results.

TPH-Extractables by GC (EPA 8015M):

No analytical problems were encountered.

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

- Low recoveries were observed for many analytes in the MSD for batch 356769; the parent sample was not a project sample, and the LCS/LCSD were within limits. High RPD was also observed for many analytes in the MS/MSD for batch 356769; the RPD was acceptable in the LCS/LCSD, and these analytes were not detected at or above the RL in the associated sample.
- High surrogate recovery was observed for dibromofluoromethane in the method blank for batch 356769; no target analytes were detected in the sample.
- No other analytical problems were encountered.

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

- Low surrogate recovery was observed for terphenyl-d14 in VP10-10' (lab # 521233-011).
- PS2-1' (lab # 521233-001) and PS3-1' (lab # 521233-005) were diluted due to the dark color of the sample extracts. Extract color and/or viscosity are used as indicators of possible matrix interference. Elevated reporting limits were due to the necessary dilution.
- No other analytical problems were encountered.

Pesticides (EPA 8081A):

No analytical problems were encountered.

PCBs (EPA 8082):

No analytical problems were encountered.

Metals (EPA 6010B, EPA 6020, and EPA 7471A):

- Low recoveries were observed for antimony in the MS/MSD of PS2-1' (lab # 521233-001); the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

Hexavalent Chromium by Ion Chromatograph (EPA 7199):

No analytical problems were encountered.

Asbestos by PLM (EPA 600/R-93-116):

AmeriSci in Carson, CA performed the analysis (see sublab report section for certifications). Please see the AmeriSci case narrative.

521233

5.8 10.15.9

Fall 11:14



Chain of Custody Record

Millennium Consulting Associates

Sample(s) Collected by: Cornelius Harris
 Client Name: LAUSD
 Project Manager: Cornelius Harris

Project Number: 12060-2010
 Site Name: Parrish HS
 Location: Los Angeles, CA

PO#: CH112524
 Telephone#: 510-220-7266/808-6790
 Email: 3Fermio@Enthalpy.com

For spiked or duplicate samples, please provide sample volumes for recovery calculations. For Particulates, please provide tare weights and/or condensed water volumes.

Special Instructions:

A=Air 1=H2SO4 2=NaOH W=Water O=Other
 X=XAD C=Charcoal SG=Silica Gel

G=Grab C=Composite Q=Quality Control O=Other

Sample Containers

of VOA Vials
 # of Glass
 # of Plastic
 # of Bags
 # of Canisters
 # of Tubes
 # Other

Analyses:

Notes:

Sample ID	Date	Time	Sample Volume	Type	Matrix	# of VOA Vials	# of Glass	# of Plastic	# of Bags	# of Canisters	# of Tubes	# Other	Analyses:	Notes:
PS2-1'	11/25/2010	10:00		G	O (soil)	3	2						6020/6010	X
PS2-5'		10:15				3	2						6010/5	X
PS2-10'		10:25				3	2						8260/6	X
PS2-15'		10:45				3	2						8082	X
PS3-1'		09:15				3	2						3060/3199	X
PS3-5'		09:25				3	2						8260/6	X
PS3-10'		09:35				3	2						8082	X
PS3-15'		09:45				3	2						8260/6	X
VP10-1'		08:30				3	2						6010/5	X
VP10-5'		08:40				3	2						8082	X
VP10-10'		08:50				3	1						3060/3199	X
VP10-15'		09:00				3	1						8260/6	X

Relinquished By:

Date:

Received By:

Date:

Sample Condition Upon Receipt

Debra Pickard

11/26/20

Tues Kler T.F.'s K&H

11/26/27

Sample Condition Upon Receipt

☐ Iced ☐ Ambient ☐ °C

☐ Iced ☐ Ambient ☐ °C

☐ Iced ☐ Ambient ☐ °C

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 11/26/24 WO# 521233 Client: MILLENNIUM CONSULTING ASSOCIATES

Section 2: Shipping / Custody

Are custody seals present? ☐ Yes ☒ No

Custody seals intact on arrival? ☒ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

Shipping Info: _____

Section 3a: Condition / Packaging

☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Date Opened 11/26/24 By (initials) JKC

Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: 1211 CF: 10.1

Cooler Temp (°C) #1: 5.8 / 5.9 #2: _____ / _____ #3: _____ / _____ #4: _____ / _____ #5: _____ / _____ #6: _____ / _____

Section 3b: Microbiology Samples

☒ No microbiology samples submitted (skip 3b)

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples

☒ No air samples submitted (skip 3c)

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

Section 4: Containers / Labels / Samples

	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	☒		
2) Is the sampler's name present on the CoC?	☒		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	☒		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	☒		
5) Were all of, and only, the correct samples received?	☒		
6) Are sample labels present, legible, and in agreement with the CoC?		☒	
7) Does the container count match the CoC?	☒		
8) Was sufficient sample volume / mass received for the analyses requested?	☒		
9) Were samples received in proper containers for the analyses requested?	☒		
10) Were samples received with > 1/2 holding time remaining?	☒		
11) Are samples properly preserved as indicated by CoC / labels?	☒		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			☒
13) Are VOA vials free from headspace/bubbles > 6mm?			

Section 5: Explanations / Comments

☐ PM notified

46 VIALS ARE NOT LABELED. BAG ALL THE CONTAINERS CAME IN WAS LABELED
HOWEVER THE SAMPLES HAVE BEEN PARTIALLY TAKEN OUT AND MIXED. UNABLE
TO IDENTIFY WHICH VIALS BELONG TO WHICH SAMPLES.

Date Logged 11/26/24 By (print) JETH CO (sign) [Signature]

Date Labeled 11/26/24 By (print) JETH CO (sign) [Signature]

Analysis Results for 521233

Jenice Feiner
Millennium Consulting Associates
14241 E. Firestone Blvd, Ste 300
La Mirada, CA 90638

Lab Job #: 521233
Location: 12060.2010, LAUSD Fairfax HS
Date Received: 11/26/24

Sample ID: PS2-1'

Lab ID: 521233-001

Collected: 11/25/24 10:00

Matrix: Soil

521233-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B									
Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.96	356562	11/26/24	11/27/24	CAP
Barium	83		mg/Kg	0.96	0.96	356562	11/26/24	11/27/24	CAP
Beryllium	ND		mg/Kg	0.48	0.96	356562	11/26/24	11/27/24	CAP
Cadmium	ND		mg/Kg	0.48	0.96	356562	11/26/24	11/27/24	CAP
Chromium	28		mg/Kg	0.96	0.96	356562	11/26/24	11/27/24	CAP
Cobalt	8.2		mg/Kg	0.48	0.96	356562	11/26/24	11/27/24	CAP
Copper	18		mg/Kg	0.96	0.96	356562	11/26/24	11/27/24	CAP
Molybdenum	ND		mg/Kg	0.96	0.96	356562	11/26/24	11/27/24	CAP
Nickel	16		mg/Kg	0.96	0.96	356562	11/26/24	11/27/24	CAP
Selenium	ND		mg/Kg	2.9	0.96	356562	11/26/24	11/27/24	CAP
Silver	ND		mg/Kg	0.48	0.96	356562	11/26/24	11/27/24	CAP
Thallium	ND		mg/Kg	2.9	0.96	356562	11/26/24	11/27/24	CAP
Vanadium	48		mg/Kg	0.96	0.96	356562	11/26/24	11/27/24	CAP
Zinc	49		mg/Kg	4.8	0.96	356562	11/26/24	11/27/24	CAP
Method: EPA 6020									
Prep Method: EPA 3050B									
Arsenic	3.0		mg/Kg	0.96	0.96	356563	11/26/24	11/27/24	DXC
Lead	17		mg/Kg	0.48	0.96	356563	11/26/24	11/27/24	DXC
Method: EPA 7199									
Prep Method: EPA 3060A									
Hexavalent Chromium	ND		mg/Kg	0.40	1	356765	12/02/24 09:45	12/03/24 14:31	PAS
Method: EPA 7471A									
Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.2	356585	11/27/24	11/27/24	MLL
Method: EPA 8015M									
Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	10	1	356522	11/26/24	11/26/24	KMB
DRO C10-C28	ND		mg/Kg	10	1	356522	11/26/24	11/26/24	KMB
ORO C28-C44	43		mg/Kg	20	1	356522	11/26/24	11/26/24	KMB
Surrogates	Limits								
n-Triacontane	130%		%REC	70-130	1	356522	11/26/24	11/26/24	KMB
Method: EPA 8081A									
Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
beta-BHC	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
gamma-BHC	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
delta-BHC	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
Heptachlor	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
Aldrin	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES

Analysis Results for 521233

521233-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Endosulfan I	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
Dieldrin	6.5		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
4,4'-DDE	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
Endrin	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
Endosulfan II	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
4,4'-DDD	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
Endrin ketone	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
Methoxychlor	ND		ug/Kg	10	1	356816	12/02/24	12/03/24	MES
Toxaphene	ND		ug/Kg	100	1	356816	12/02/24	12/03/24	MES
Chlordane (Technical)	93		ug/Kg	50	1	356816	12/02/24	12/03/24	MES

Surrogates	Limits								
TCMX	82%		%REC	23-120	1	356816	12/02/24	12/03/24	MES
Decachlorobiphenyl	67%		%REC	24-120	1	356816	12/02/24	12/03/24	MES

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	50	1	356816	12/02/24	12/03/24	MES
Aroclor-1221	ND		ug/Kg	50	1	356816	12/02/24	12/03/24	MES
Aroclor-1232	ND		ug/Kg	50	1	356816	12/02/24	12/03/24	MES
Aroclor-1242	ND		ug/Kg	50	1	356816	12/02/24	12/03/24	MES
Aroclor-1248	ND		ug/Kg	50	1	356816	12/02/24	12/03/24	MES
Aroclor-1254	ND		ug/Kg	50	1	356816	12/02/24	12/03/24	MES
Aroclor-1260	ND		ug/Kg	50	1	356816	12/02/24	12/03/24	MES
Aroclor-1262	ND		ug/Kg	50	1	356816	12/02/24	12/03/24	MES
Aroclor-1268	ND		ug/Kg	50	1	356816	12/02/24	12/03/24	MES

Surrogates	Limits								
Decachlorobiphenyl (PCB)	91%		%REC	19-121	1	356816	12/02/24	12/03/24	MES

Method: EPA 8260B

Prep Method: EPA 5030B

3-Chloropropene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Freon 12	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Chloromethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Vinyl Chloride	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Bromomethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Chloroethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Trichlorofluoromethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Acetone	ND		ug/Kg	100	1	356707	11/30/24	11/30/24	EJB
Freon 113	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,1-Dichloroethene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Methylene Chloride	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
MTBE	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,1-Dichloroethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
2-Butanone	ND		ug/Kg	100	1	356707	11/30/24	11/30/24	EJB
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
2,2-Dichloropropane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Chloroform	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Bromochloromethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB

Analysis Results for 521233

521233-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1-Dichloropropene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Carbon Tetrachloride	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2-Dichloroethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Benzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Trichloroethene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2-Dichloropropane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Bromodichloromethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Dibromomethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Toluene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,3-Dichloropropane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Tetrachloroethene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Dibromochloromethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2-Dibromoethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Chlorobenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Ethylbenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
m,p-Xylenes	ND		ug/Kg	10	1	356707	11/30/24	11/30/24	EJB
o-Xylene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Styrene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Bromoform	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Isopropylbenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Propylbenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Bromobenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
2-Chlorotoluene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
4-Chlorotoluene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
tert-Butylbenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
sec-Butylbenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
n-Butylbenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Hexachlorobutadiene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Naphthalene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Xylene (total)	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Surrogates	Limits								
Dibromofluoromethane	96%		%REC	70-145	1	356707	11/30/24	11/30/24	EJB
1,2-Dichloroethane-d4	99%		%REC	70-145	1	356707	11/30/24	11/30/24	EJB
Toluene-d8	103%		%REC	70-145	1	356707	11/30/24	11/30/24	EJB

Analysis Results for 521233

521233-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Bromofluorobenzene	99%		%REC	70-145	1	356707	11/30/24	11/30/24	EJB
Method: EPA 8270C-SIM Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	100	10	356728	11/30/24	12/01/24	TJW
2-Methylnaphthalene	ND		ug/Kg	100	10	356728	11/30/24	12/01/24	TJW
Naphthalene	ND		ug/Kg	100	10	356728	11/30/24	12/01/24	TJW
Acenaphthylene	ND		ug/Kg	100	10	356728	11/30/24	12/01/24	TJW
Acenaphthene	ND		ug/Kg	100	10	356728	11/30/24	12/01/24	TJW
Fluorene	ND		ug/Kg	100	10	356728	11/30/24	12/01/24	TJW
Phenanthrene	ND		ug/Kg	100	10	356728	11/30/24	12/01/24	TJW
Anthracene	ND		ug/Kg	100	10	356728	11/30/24	12/01/24	TJW
Fluoranthene	ND		ug/Kg	100	10	356728	11/30/24	12/01/24	TJW
Pyrene	ND		ug/Kg	100	10	356728	11/30/24	12/01/24	TJW
Benzo(a)anthracene	ND		ug/Kg	100	10	356728	11/30/24	12/01/24	TJW
Chrysene	ND		ug/Kg	100	10	356728	11/30/24	12/01/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	100	10	356728	11/30/24	12/01/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	100	10	356728	11/30/24	12/01/24	TJW
Benzo(a)pyrene	ND		ug/Kg	100	10	356728	11/30/24	12/01/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	100	10	356728	11/30/24	12/01/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	100	10	356728	11/30/24	12/01/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	100	10	356728	11/30/24	12/01/24	TJW
Surrogates	Limits								
Nitrobenzene-d5	102%		%REC	27-125	10	356728	11/30/24	12/01/24	TJW
2-Fluorobiphenyl	89%		%REC	30-120	10	356728	11/30/24	12/01/24	TJW
Terphenyl-d14	107%		%REC	33-155	10	356728	11/30/24	12/01/24	TJW

Analysis Results for 521233

Sample ID: PS2-5'
Lab ID: 521233-002
Collected: 11/25/24 10:15
Matrix: Soil

521233-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.98	356562	11/26/24	11/27/24	CAP
Barium	85		mg/Kg	0.98	0.98	356562	11/26/24	11/27/24	CAP
Beryllium	ND		mg/Kg	0.49	0.98	356562	11/26/24	11/27/24	CAP
Cadmium	ND		mg/Kg	0.49	0.98	356562	11/26/24	11/27/24	CAP
Chromium	54		mg/Kg	0.98	0.98	356562	11/26/24	11/27/24	CAP
Cobalt	15		mg/Kg	0.49	0.98	356562	11/26/24	11/27/24	CAP
Copper	22		mg/Kg	0.98	0.98	356562	11/26/24	11/27/24	CAP
Molybdenum	ND		mg/Kg	0.98	0.98	356562	11/26/24	11/27/24	CAP
Nickel	34		mg/Kg	0.98	0.98	356562	11/26/24	11/27/24	CAP
Selenium	ND		mg/Kg	2.9	0.98	356562	11/26/24	11/27/24	CAP
Silver	ND		mg/Kg	0.49	0.98	356562	11/26/24	11/27/24	CAP
Thallium	ND		mg/Kg	2.9	0.98	356562	11/26/24	11/27/24	CAP
Vanadium	60		mg/Kg	0.98	0.98	356562	11/26/24	11/27/24	CAP
Zinc	49		mg/Kg	4.9	0.98	356562	11/26/24	11/27/24	CAP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.0		mg/Kg	0.98	0.98	356563	11/26/24	11/27/24	DXC
Lead	23		mg/Kg	0.49	0.98	356563	11/26/24	11/27/24	DXC
Method: EPA 7199 Prep Method: EPA 3060A									
Hexavalent Chromium	0.51		mg/Kg	0.40	0.99	356765	12/02/24 09:45	12/03/24 15:35	PAS
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	356585	11/27/24	11/27/24	MLL
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	9.9	0.99	356522	11/26/24	11/27/24	KMB
DRO C10-C28	ND		mg/Kg	9.9	0.99	356522	11/26/24	11/27/24	KMB
ORO C28-C44	20		mg/Kg	20	0.99	356522	11/26/24	11/27/24	KMB
Surrogates	Limits								
n-Triacontane	82%		%REC	70-130	0.99	356522	11/26/24	11/27/24	KMB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	356816	12/02/24	12/03/24	MES
beta-BHC	ND		ug/Kg	5.1	1	356816	12/02/24	12/03/24	MES
gamma-BHC	ND		ug/Kg	5.1	1	356816	12/02/24	12/03/24	MES
delta-BHC	ND		ug/Kg	5.1	1	356816	12/02/24	12/03/24	MES
Heptachlor	ND		ug/Kg	5.1	1	356816	12/02/24	12/03/24	MES
Aldrin	ND		ug/Kg	5.1	1	356816	12/02/24	12/03/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1	356816	12/02/24	12/03/24	MES
Endosulfan I	ND		ug/Kg	5.1	1	356816	12/02/24	12/03/24	MES
Dieldrin	ND		ug/Kg	5.1	1	356816	12/02/24	12/03/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1	356816	12/02/24	12/03/24	MES
Endrin	ND		ug/Kg	5.1	1	356816	12/02/24	12/03/24	MES
Endosulfan II	ND		ug/Kg	5.1	1	356816	12/02/24	12/03/24	MES

Analysis Results for 521233

521233-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Endosulfan sulfate	ND		ug/Kg	5.1	1	356816	12/02/24	12/03/24	MES
4,4'-DDD	ND		ug/Kg	5.1	1	356816	12/02/24	12/03/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	1	356816	12/02/24	12/03/24	MES
Endrin ketone	ND		ug/Kg	5.1	1	356816	12/02/24	12/03/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1	356816	12/02/24	12/03/24	MES
Methoxychlor	ND		ug/Kg	10	1	356816	12/02/24	12/03/24	MES
Toxaphene	ND		ug/Kg	100	1	356816	12/02/24	12/03/24	MES
Chlordane (Technical)	ND		ug/Kg	51	1	356816	12/02/24	12/03/24	MES

Surrogates	Limits								
TCMX	80%	%REC	23-120	1	356816	12/02/24	12/03/24	MES	
Decachlorobiphenyl	70%	%REC	24-120	1	356816	12/02/24	12/03/24	MES	

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	51	1	356816	12/02/24	12/03/24	MES
Aroclor-1221	ND		ug/Kg	51	1	356816	12/02/24	12/03/24	MES
Aroclor-1232	ND		ug/Kg	51	1	356816	12/02/24	12/03/24	MES
Aroclor-1242	ND		ug/Kg	51	1	356816	12/02/24	12/03/24	MES
Aroclor-1248	ND		ug/Kg	51	1	356816	12/02/24	12/03/24	MES
Aroclor-1254	ND		ug/Kg	51	1	356816	12/02/24	12/03/24	MES
Aroclor-1260	ND		ug/Kg	51	1	356816	12/02/24	12/03/24	MES
Aroclor-1262	ND		ug/Kg	51	1	356816	12/02/24	12/03/24	MES
Aroclor-1268	ND		ug/Kg	51	1	356816	12/02/24	12/03/24	MES

Surrogates	Limits								
Decachlorobiphenyl (PCB)	95%	%REC	19-121	1	356816	12/02/24	12/03/24	MES	

Method: EPA 8260B

Prep Method: EPA 5030B

3-Chloropropene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Freon 12	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Chloromethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Vinyl Chloride	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Bromomethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Chloroethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Trichlorofluoromethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Acetone	ND		ug/Kg	100	1	356707	11/30/24	11/30/24	EJB
Freon 113	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,1-Dichloroethene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Methylene Chloride	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
MTBE	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,1-Dichloroethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
2-Butanone	ND		ug/Kg	100	1	356707	11/30/24	11/30/24	EJB
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
2,2-Dichloropropane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Chloroform	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Bromochloromethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,1-Dichloropropene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Carbon Tetrachloride	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2-Dichloroethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Benzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Trichloroethene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB

Analysis Results for 521233

521233-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloropropane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Bromodichloromethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Dibromomethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Toluene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,3-Dichloropropane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Tetrachloroethene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Dibromochloromethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2-Dibromoethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Chlorobenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Ethylbenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
m,p-Xylenes	ND		ug/Kg	10	1	356707	11/30/24	11/30/24	EJB
o-Xylene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Styrene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Bromoform	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Isopropylbenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Propylbenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Bromobenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
2-Chlorotoluene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
4-Chlorotoluene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
tert-Butylbenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
sec-Butylbenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
n-Butylbenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Hexachlorobutadiene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Naphthalene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Xylene (total)	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Surrogates			Limits						
Dibromofluoromethane	95%	%REC	70-145	1	356707	11/30/24	11/30/24	11/30/24	EJB
1,2-Dichloroethane-d4	101%	%REC	70-145	1	356707	11/30/24	11/30/24	11/30/24	EJB
Toluene-d8	101%	%REC	70-145	1	356707	11/30/24	11/30/24	11/30/24	EJB
Bromofluorobenzene	97%	%REC	70-145	1	356707	11/30/24	11/30/24	11/30/24	EJB

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	10	1	356728	11/30/24	12/01/24	TJW
2-Methylnaphthalene	ND		ug/Kg	10	1	356728	11/30/24	12/01/24	TJW

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

Analysis Results for 521233

521233-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Naphthalene	ND		ug/Kg	10	1	356728	11/30/24	12/01/24	TJW
Acenaphthylene	ND		ug/Kg	10	1	356728	11/30/24	12/01/24	TJW
Acenaphthene	ND		ug/Kg	10	1	356728	11/30/24	12/01/24	TJW
Fluorene	ND		ug/Kg	10	1	356728	11/30/24	12/01/24	TJW
Phenanthrene	ND		ug/Kg	10	1	356728	11/30/24	12/01/24	TJW
Anthracene	ND		ug/Kg	10	1	356728	11/30/24	12/01/24	TJW
Fluoranthene	ND		ug/Kg	10	1	356728	11/30/24	12/01/24	TJW
Pyrene	ND		ug/Kg	10	1	356728	11/30/24	12/01/24	TJW
Benzo(a)anthracene	ND		ug/Kg	10	1	356728	11/30/24	12/01/24	TJW
Chrysene	ND		ug/Kg	10	1	356728	11/30/24	12/01/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	10	1	356728	11/30/24	12/01/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	10	1	356728	11/30/24	12/01/24	TJW
Benzo(a)pyrene	ND		ug/Kg	10	1	356728	11/30/24	12/01/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	356728	11/30/24	12/01/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	356728	11/30/24	12/01/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	356728	11/30/24	12/01/24	TJW
Surrogates	Limits								
Nitrobenzene-d5	71%		%REC	27-125	1	356728	11/30/24	12/01/24	TJW
2-Fluorobiphenyl	60%		%REC	30-120	1	356728	11/30/24	12/01/24	TJW
Terphenyl-d14	52%		%REC	33-155	1	356728	11/30/24	12/01/24	TJW

Analysis Results for 521233

Sample ID: PS2-10'
Lab ID: 521233-003
Collected: 11/25/24 10:25
Matrix: Soil

521233-003 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	356562	11/26/24	11/27/24	CAP
Barium	110		mg/Kg	0.96	0.96	356562	11/26/24	11/27/24	CAP
Beryllium	ND		mg/Kg	0.48	0.96	356562	11/26/24	11/27/24	CAP
Cadmium	ND		mg/Kg	0.48	0.96	356562	11/26/24	11/27/24	CAP
Chromium	53		mg/Kg	0.96	0.96	356562	11/26/24	11/27/24	CAP
Cobalt	14		mg/Kg	0.48	0.96	356562	11/26/24	11/27/24	CAP
Copper	21		mg/Kg	0.96	0.96	356562	11/26/24	11/27/24	CAP
Molybdenum	ND		mg/Kg	0.96	0.96	356562	11/26/24	11/27/24	CAP
Nickel	33		mg/Kg	0.96	0.96	356562	11/26/24	11/27/24	CAP
Selenium	ND		mg/Kg	2.9	0.96	356562	11/26/24	11/27/24	CAP
Silver	ND		mg/Kg	0.48	0.96	356562	11/26/24	11/27/24	CAP
Thallium	ND		mg/Kg	2.9	0.96	356562	11/26/24	11/27/24	CAP
Vanadium	68		mg/Kg	0.96	0.96	356562	11/26/24	11/27/24	CAP
Zinc	39		mg/Kg	4.8	0.96	356562	11/26/24	11/27/24	CAP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.3		mg/Kg	0.96	0.96	356563	11/26/24	11/27/24	DXC
Lead	3.6		mg/Kg	0.48	0.96	356563	11/26/24	11/27/24	DXC
Method: EPA 7199 Prep Method: EPA 3060A									
Hexavalent Chromium	0.72		mg/Kg	0.40	0.99	356765	12/02/24 09:45	12/03/24 15:47	PAS
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	356585	11/27/24	11/27/24	MLL
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	10	1	356522	11/26/24	11/27/24	KMB
DRO C10-C28	ND		mg/Kg	10	1	356522	11/26/24	11/27/24	KMB
ORO C28-C44	ND		mg/Kg	20	1	356522	11/26/24	11/27/24	KMB
Surrogates				Limits					
n-Triacontane	79%		%REC	70-130	1	356522	11/26/24	11/27/24	KMB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
beta-BHC	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
gamma-BHC	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
delta-BHC	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
Heptachlor	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
Aldrin	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
Endosulfan I	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
Dieldrin	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
4,4'-DDE	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
Endrin	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
Endosulfan II	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES

Analysis Results for 521233

521233-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Endosulfan sulfate	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
4,4'-DDD	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
Endrin ketone	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
Methoxychlor	ND		ug/Kg	10	1	356816	12/02/24	12/03/24	MES
Toxaphene	ND		ug/Kg	100	1	356816	12/02/24	12/03/24	MES
Chlordane (Technical)	ND		ug/Kg	50	1	356816	12/02/24	12/03/24	MES

Surrogates	Limits								
TCMX	78%	%REC	23-120	1	356816	12/02/24	12/03/24	MES	
Decachlorobiphenyl	65%	%REC	24-120	1	356816	12/02/24	12/03/24	MES	

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	50	1	356816	12/02/24	12/03/24	MES
Aroclor-1221	ND		ug/Kg	50	1	356816	12/02/24	12/03/24	MES
Aroclor-1232	ND		ug/Kg	50	1	356816	12/02/24	12/03/24	MES
Aroclor-1242	ND		ug/Kg	50	1	356816	12/02/24	12/03/24	MES
Aroclor-1248	ND		ug/Kg	50	1	356816	12/02/24	12/03/24	MES
Aroclor-1254	ND		ug/Kg	50	1	356816	12/02/24	12/03/24	MES
Aroclor-1260	ND		ug/Kg	50	1	356816	12/02/24	12/03/24	MES
Aroclor-1262	ND		ug/Kg	50	1	356816	12/02/24	12/03/24	MES
Aroclor-1268	ND		ug/Kg	50	1	356816	12/02/24	12/03/24	MES

Surrogates	Limits								
Decachlorobiphenyl (PCB)	87%	%REC	19-121	1	356816	12/02/24	12/03/24	MES	

Method: EPA 8260B

Prep Method: EPA 5030B

3-Chloropropene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Freon 12	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Chloromethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Vinyl Chloride	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Bromomethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Chloroethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Trichlorofluoromethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Acetone	ND		ug/Kg	100	1	356707	11/30/24	11/30/24	EJB
Freon 113	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,1-Dichloroethene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Methylene Chloride	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
MTBE	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,1-Dichloroethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
2-Butanone	ND		ug/Kg	100	1	356707	11/30/24	11/30/24	EJB
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
2,2-Dichloropropane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Chloroform	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Bromochloromethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,1-Dichloropropene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Carbon Tetrachloride	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2-Dichloroethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Benzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Trichloroethene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB

Analysis Results for 521233

521233-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloropropane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Bromodichloromethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Dibromomethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Toluene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,3-Dichloropropane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Tetrachloroethene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Dibromochloromethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2-Dibromoethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Chlorobenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Ethylbenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
m,p-Xylenes	ND		ug/Kg	10	1	356707	11/30/24	11/30/24	EJB
o-Xylene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Styrene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Bromoform	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Isopropylbenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Propylbenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Bromobenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
2-Chlorotoluene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
4-Chlorotoluene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
tert-Butylbenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
sec-Butylbenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
n-Butylbenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Hexachlorobutadiene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Naphthalene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Xylene (total)	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Surrogates			Limits						
Dibromofluoromethane	97%	%REC	70-145	1	356707	11/30/24	11/30/24	11/30/24	EJB
1,2-Dichloroethane-d4	101%	%REC	70-145	1	356707	11/30/24	11/30/24	11/30/24	EJB
Toluene-d8	101%	%REC	70-145	1	356707	11/30/24	11/30/24	11/30/24	EJB
Bromofluorobenzene	98%	%REC	70-145	1	356707	11/30/24	11/30/24	11/30/24	EJB

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/01/24	TJW
2-Methylnaphthalene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/01/24	TJW

Analysis Results for 521233

521233-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Naphthalene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/01/24	TJW
Acenaphthylene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/01/24	TJW
Acenaphthene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/01/24	TJW
Fluorene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/01/24	TJW
Phenanthrene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/01/24	TJW
Anthracene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/01/24	TJW
Fluoranthene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/01/24	TJW
Pyrene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/01/24	TJW
Benzo(a)anthracene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/01/24	TJW
Chrysene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/01/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/01/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/01/24	TJW
Benzo(a)pyrene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/01/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/01/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/01/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/01/24	TJW
Surrogates	Limits								
Nitrobenzene-d5	70%		%REC	27-125	0.99	356728	11/30/24	12/01/24	TJW
2-Fluorobiphenyl	59%		%REC	30-120	0.99	356728	11/30/24	12/01/24	TJW
Terphenyl-d14	62%		%REC	33-155	0.99	356728	11/30/24	12/01/24	TJW

Analysis Results for 521233

Sample ID: PS2-15'
Lab ID: 521233-004
Collected: 11/25/24 10:45
Matrix: Soil

521233-004 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	356562	11/26/24	11/27/24	CAP
Barium	66		mg/Kg	0.99	0.99	356562	11/26/24	11/27/24	CAP
Beryllium	ND		mg/Kg	0.50	0.99	356562	11/26/24	11/27/24	CAP
Cadmium	ND		mg/Kg	0.50	0.99	356562	11/26/24	11/27/24	CAP
Chromium	38		mg/Kg	0.99	0.99	356562	11/26/24	11/27/24	CAP
Cobalt	8.0		mg/Kg	0.50	0.99	356562	11/26/24	11/27/24	CAP
Copper	14		mg/Kg	0.99	0.99	356562	11/26/24	11/27/24	CAP
Molybdenum	ND		mg/Kg	0.99	0.99	356562	11/26/24	11/27/24	CAP
Nickel	20		mg/Kg	0.99	0.99	356562	11/26/24	11/27/24	CAP
Selenium	ND		mg/Kg	3.0	0.99	356562	11/26/24	11/27/24	CAP
Silver	ND		mg/Kg	0.50	0.99	356562	11/26/24	11/27/24	CAP
Thallium	ND		mg/Kg	3.0	0.99	356562	11/26/24	11/27/24	CAP
Vanadium	62		mg/Kg	0.99	0.99	356562	11/26/24	11/27/24	CAP
Zinc	34		mg/Kg	5.0	0.99	356562	11/26/24	11/27/24	CAP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.1		mg/Kg	0.98	0.98	356563	11/26/24	11/27/24	DXC
Lead	2.7		mg/Kg	0.49	0.98	356563	11/26/24	11/27/24	DXC
Method: EPA 7199 Prep Method: EPA 3060A									
Hexavalent Chromium	ND		mg/Kg	0.40	1	356765	12/02/24 09:45	12/03/24 16:00	PAS
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.2	356585	11/27/24	11/27/24	MLL
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	9.9	0.99	356786	12/02/24	12/03/24	KMB
DRO C10-C28	ND		mg/Kg	9.9	0.99	356786	12/02/24	12/03/24	KMB
ORO C28-C44	ND		mg/Kg	20	0.99	356786	12/02/24	12/03/24	KMB
Surrogates	Limits								
n-Triacontane	99%		%REC	70-130	0.99	356786	12/02/24	12/03/24	KMB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
beta-BHC	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
gamma-BHC	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
delta-BHC	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Heptachlor	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Aldrin	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Endosulfan I	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Dieldrin	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
4,4'-DDE	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Endrin	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Endosulfan II	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES

Analysis Results for 521233

521233-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
4,4'-DDD	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Endrin ketone	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
4,4'-DDT	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Methoxychlor	ND		ug/Kg	9.9	0.99	356816	12/02/24	12/03/24	MES
Toxaphene	ND		ug/Kg	99	0.99	356816	12/02/24	12/03/24	MES
Chlordane (Technical)	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES

Surrogates	Limits								
TCMX	81%	%REC	23-120	0.99	356816	12/02/24	12/03/24	MES	
Decachlorobiphenyl	68%	%REC	24-120	0.99	356816	12/02/24	12/03/24	MES	

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1221	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1232	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1242	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1248	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1254	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1260	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1262	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1268	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES

Surrogates	Limits								
Decachlorobiphenyl (PCB)	91%	%REC	19-121	0.99	356816	12/02/24	12/03/24	MES	

Method: EPA 8260B

Prep Method: EPA 5030B

3-Chloropropene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Freon 12	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Chloromethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Vinyl Chloride	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Bromomethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Chloroethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Trichlorofluoromethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Acetone	ND		ug/Kg	100	1	356707	11/30/24	11/30/24	EJB
Freon 113	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,1-Dichloroethene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Methylene Chloride	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
MTBE	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,1-Dichloroethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
2-Butanone	ND		ug/Kg	100	1	356707	11/30/24	11/30/24	EJB
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
2,2-Dichloropropane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Chloroform	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Bromochloromethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,1-Dichloropropene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Carbon Tetrachloride	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2-Dichloroethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Benzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Trichloroethene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB

Analysis Results for 521233

521233-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloropropane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Bromodichloromethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Dibromomethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Toluene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,3-Dichloropropane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Tetrachloroethene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Dibromochloromethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2-Dibromoethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Chlorobenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Ethylbenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
m,p-Xylenes	ND		ug/Kg	10	1	356707	11/30/24	11/30/24	EJB
o-Xylene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Styrene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Bromoform	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Isopropylbenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Propylbenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Bromobenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
2-Chlorotoluene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
4-Chlorotoluene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
tert-Butylbenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
sec-Butylbenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
n-Butylbenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Hexachlorobutadiene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Naphthalene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Xylene (total)	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Surrogates			Limits						
Dibromofluoromethane	96%		%REC	70-145	1	356707	11/30/24	11/30/24	EJB
1,2-Dichloroethane-d4	100%		%REC	70-145	1	356707	11/30/24	11/30/24	EJB
Toluene-d8	101%		%REC	70-145	1	356707	11/30/24	11/30/24	EJB
Bromofluorobenzene	98%		%REC	70-145	1	356707	11/30/24	11/30/24	EJB

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	10	1	356728	11/30/24	12/01/24	TJW
2-Methylnaphthalene	ND		ug/Kg	10	1	356728	11/30/24	12/01/24	TJW

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

Analysis Results for 521233

521233-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Naphthalene	ND		ug/Kg	10	1	356728	11/30/24	12/01/24	TJW
Acenaphthylene	ND		ug/Kg	10	1	356728	11/30/24	12/01/24	TJW
Acenaphthene	ND		ug/Kg	10	1	356728	11/30/24	12/01/24	TJW
Fluorene	ND		ug/Kg	10	1	356728	11/30/24	12/01/24	TJW
Phenanthrene	ND		ug/Kg	10	1	356728	11/30/24	12/01/24	TJW
Anthracene	ND		ug/Kg	10	1	356728	11/30/24	12/01/24	TJW
Fluoranthene	ND		ug/Kg	10	1	356728	11/30/24	12/01/24	TJW
Pyrene	ND		ug/Kg	10	1	356728	11/30/24	12/01/24	TJW
Benzo(a)anthracene	ND		ug/Kg	10	1	356728	11/30/24	12/01/24	TJW
Chrysene	ND		ug/Kg	10	1	356728	11/30/24	12/01/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	10	1	356728	11/30/24	12/01/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	10	1	356728	11/30/24	12/01/24	TJW
Benzo(a)pyrene	ND		ug/Kg	10	1	356728	11/30/24	12/01/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	356728	11/30/24	12/01/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	356728	11/30/24	12/01/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	356728	11/30/24	12/01/24	TJW
Surrogates	Limits								
Nitrobenzene-d5	67%		%REC	27-125	1	356728	11/30/24	12/01/24	TJW
2-Fluorobiphenyl	58%		%REC	30-120	1	356728	11/30/24	12/01/24	TJW
Terphenyl-d14	61%		%REC	33-155	1	356728	11/30/24	12/01/24	TJW

Analysis Results for 521233

Sample ID: PS3-1'
Lab ID: 521233-005
Collected: 11/25/24 09:15
Matrix: Soil

521233-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.97	356562	11/26/24	11/27/24	CAP
Barium	68		mg/Kg	0.97	0.97	356562	11/26/24	11/27/24	CAP
Beryllium	ND		mg/Kg	0.49	0.97	356562	11/26/24	11/27/24	CAP
Cadmium	ND		mg/Kg	0.49	0.97	356562	11/26/24	11/27/24	CAP
Chromium	27		mg/Kg	0.97	0.97	356562	11/26/24	11/27/24	CAP
Cobalt	7.2		mg/Kg	0.49	0.97	356562	11/26/24	11/27/24	CAP
Copper	18		mg/Kg	0.97	0.97	356562	11/26/24	11/27/24	CAP
Molybdenum	ND		mg/Kg	0.97	0.97	356562	11/26/24	11/27/24	CAP
Nickel	17		mg/Kg	0.97	0.97	356562	11/26/24	11/27/24	CAP
Selenium	ND		mg/Kg	2.9	0.97	356562	11/26/24	11/27/24	CAP
Silver	ND		mg/Kg	0.49	0.97	356562	11/26/24	11/27/24	CAP
Thallium	ND		mg/Kg	2.9	0.97	356562	11/26/24	11/27/24	CAP
Vanadium	45		mg/Kg	0.97	0.97	356562	11/26/24	11/27/24	CAP
Zinc	43		mg/Kg	4.9	0.97	356562	11/26/24	11/27/24	CAP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	3.2		mg/Kg	0.97	0.97	356563	11/26/24	11/27/24	DXC
Lead	13		mg/Kg	0.49	0.97	356563	11/26/24	11/27/24	DXC
Method: EPA 7199 Prep Method: EPA 3060A									
Hexavalent Chromium	ND		mg/Kg	0.40	0.99	356765	12/02/24 09:45	12/03/24 16:53	PAS
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.2	356585	11/27/24	11/27/24	MLL
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	10	1	356786	12/02/24	12/03/24	KMB
DRO C10-C28	ND		mg/Kg	10	1	356786	12/02/24	12/03/24	KMB
ORO C28-C44	ND		mg/Kg	20	1	356786	12/02/24	12/03/24	KMB
Surrogates	Limits								
n-Triacontane	102%		%REC	70-130	1	356786	12/02/24	12/03/24	KMB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
beta-BHC	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
gamma-BHC	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
delta-BHC	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Heptachlor	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Aldrin	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Endosulfan I	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Dieldrin	21		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
4,4'-DDE	5.0	#	ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Endrin	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Endosulfan II	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES

Analysis Results for 521233

521233-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
4,4'-DDD	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Endrin ketone	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
4,4'-DDT	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Methoxychlor	ND		ug/Kg	9.9	0.99	356816	12/02/24	12/03/24	MES
Toxaphene	ND		ug/Kg	99	0.99	356816	12/02/24	12/03/24	MES
Chlordane (Technical)	220		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES

Surrogates	Limits								
TCMX	87%	%REC	23-120	0.99	356816	12/02/24	12/03/24	MES	
Decachlorobiphenyl	78%	%REC	24-120	0.99	356816	12/02/24	12/03/24	MES	

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1221	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1232	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1242	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1248	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1254	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1260	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1262	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1268	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES

Surrogates	Limits								
Decachlorobiphenyl (PCB)	107%	%REC	19-121	0.99	356816	12/02/24	12/03/24	MES	

Method: EPA 8260B

Prep Method: EPA 5030B

3-Chloropropene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Freon 12	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Chloromethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Vinyl Chloride	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Bromomethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Chloroethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Trichlorofluoromethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Acetone	ND		ug/Kg	100	1	356707	11/30/24	11/30/24	EJB
Freon 113	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,1-Dichloroethene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Methylene Chloride	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
MTBE	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,1-Dichloroethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
2-Butanone	ND		ug/Kg	100	1	356707	11/30/24	11/30/24	EJB
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
2,2-Dichloropropane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Chloroform	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Bromochloromethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,1-Dichloropropene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Carbon Tetrachloride	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2-Dichloroethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Benzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Trichloroethene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB

Analysis Results for 521233

521233-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloropropane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Bromodichloromethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Dibromomethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Toluene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,3-Dichloropropane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Tetrachloroethene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Dibromochloromethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2-Dibromoethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Chlorobenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Ethylbenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
m,p-Xylenes	ND		ug/Kg	10	1	356707	11/30/24	11/30/24	EJB
o-Xylene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Styrene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Bromoform	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Isopropylbenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Propylbenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Bromobenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
2-Chlorotoluene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
4-Chlorotoluene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
tert-Butylbenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
sec-Butylbenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
n-Butylbenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Hexachlorobutadiene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Naphthalene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Xylene (total)	ND		ug/Kg	5.0	1	356707	11/30/24	11/30/24	EJB
Surrogates			Limits						
Dibromofluoromethane	97%	%REC	70-145	1	356707	11/30/24	11/30/24	11/30/24	EJB
1,2-Dichloroethane-d4	100%	%REC	70-145	1	356707	11/30/24	11/30/24	11/30/24	EJB
Toluene-d8	101%	%REC	70-145	1	356707	11/30/24	11/30/24	11/30/24	EJB
Bromofluorobenzene	98%	%REC	70-145	1	356707	11/30/24	11/30/24	11/30/24	EJB

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	100	10	356728	11/30/24	12/01/24	TJW
2-Methylnaphthalene	ND		ug/Kg	100	10	356728	11/30/24	12/01/24	TJW

Analysis Results for 521233

521233-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Naphthalene	ND		ug/Kg	100	10	356728	11/30/24	12/01/24	TJW
Acenaphthylene	ND		ug/Kg	100	10	356728	11/30/24	12/01/24	TJW
Acenaphthene	ND		ug/Kg	100	10	356728	11/30/24	12/01/24	TJW
Fluorene	ND		ug/Kg	100	10	356728	11/30/24	12/01/24	TJW
Phenanthrene	ND		ug/Kg	100	10	356728	11/30/24	12/01/24	TJW
Anthracene	ND		ug/Kg	100	10	356728	11/30/24	12/01/24	TJW
Fluoranthene	ND		ug/Kg	100	10	356728	11/30/24	12/01/24	TJW
Pyrene	ND		ug/Kg	100	10	356728	11/30/24	12/01/24	TJW
Benzo(a)anthracene	ND		ug/Kg	100	10	356728	11/30/24	12/01/24	TJW
Chrysene	ND		ug/Kg	100	10	356728	11/30/24	12/01/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	100	10	356728	11/30/24	12/01/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	100	10	356728	11/30/24	12/01/24	TJW
Benzo(a)pyrene	ND		ug/Kg	100	10	356728	11/30/24	12/01/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	100	10	356728	11/30/24	12/01/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	100	10	356728	11/30/24	12/01/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	100	10	356728	11/30/24	12/01/24	TJW
Surrogates	Limits								
Nitrobenzene-d5	99%		%REC	27-125	10	356728	11/30/24	12/01/24	TJW
2-Fluorobiphenyl	87%		%REC	30-120	10	356728	11/30/24	12/01/24	TJW
Terphenyl-d14	105%		%REC	33-155	10	356728	11/30/24	12/01/24	TJW

Analysis Results for 521233

Sample ID: PS3-5'
Lab ID: 521233-006
Collected: 11/25/24 09:25
Matrix: Soil

521233-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	1	356562	11/26/24	11/27/24	CAP
Barium	110		mg/Kg	1.0	1	356562	11/26/24	11/27/24	CAP
Beryllium	ND		mg/Kg	0.50	1	356562	11/26/24	11/27/24	CAP
Cadmium	ND		mg/Kg	0.50	1	356562	11/26/24	11/27/24	CAP
Chromium	48		mg/Kg	1.0	1	356562	11/26/24	11/27/24	CAP
Cobalt	15		mg/Kg	0.50	1	356562	11/26/24	11/27/24	CAP
Copper	23		mg/Kg	1.0	1	356562	11/26/24	11/27/24	CAP
Molybdenum	ND		mg/Kg	1.0	1	356562	11/26/24	11/27/24	CAP
Nickel	28		mg/Kg	1.0	1	356562	11/26/24	11/27/24	CAP
Selenium	ND		mg/Kg	3.0	1	356562	11/26/24	11/27/24	CAP
Silver	ND		mg/Kg	0.50	1	356562	11/26/24	11/27/24	CAP
Thallium	ND		mg/Kg	3.0	1	356562	11/26/24	11/27/24	CAP
Vanadium	64		mg/Kg	1.0	1	356562	11/26/24	11/27/24	CAP
Zinc	47		mg/Kg	5.0	1	356562	11/26/24	11/27/24	CAP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.5		mg/Kg	1.0	1	356563	11/26/24	11/27/24	DXC
Lead	4.0		mg/Kg	0.50	1	356563	11/26/24	11/27/24	DXC
Method: EPA 7199 Prep Method: EPA 3060A									
Hexavalent Chromium	0.65		mg/Kg	0.40	0.99	356765	12/02/24 09:45	12/03/24 17:06	PAS
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.2	356585	11/27/24	11/27/24	MLL
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	10	1	356786	12/02/24	12/03/24	KMB
DRO C10-C28	ND		mg/Kg	10	1	356786	12/02/24	12/03/24	KMB
ORO C28-C44	ND		mg/Kg	20	1	356786	12/02/24	12/03/24	KMB
Surrogates	Limits								
n-Triacontane	119%		%REC	70-130	1	356786	12/02/24	12/03/24	KMB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
beta-BHC	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
gamma-BHC	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
delta-BHC	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
Heptachlor	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
Aldrin	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
Endosulfan I	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
Dieldrin	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
4,4'-DDE	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
Endrin	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
Endosulfan II	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES

Analysis Results for 521233

521233-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Endosulfan sulfate	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
4,4'-DDD	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
Endrin ketone	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1	356816	12/02/24	12/03/24	MES
Methoxychlor	ND		ug/Kg	10	1	356816	12/02/24	12/03/24	MES
Toxaphene	ND		ug/Kg	100	1	356816	12/02/24	12/03/24	MES
Chlordane (Technical)	ND		ug/Kg	50	1	356816	12/02/24	12/03/24	MES

Surrogates	Limits								
TCMX	78%	%REC	23-120	1	356816	12/02/24	12/03/24	MES	
Decachlorobiphenyl	73%	%REC	24-120	1	356816	12/02/24	12/03/24	MES	

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	50	1	356816	12/02/24	12/03/24	MES
Aroclor-1221	ND		ug/Kg	50	1	356816	12/02/24	12/03/24	MES
Aroclor-1232	ND		ug/Kg	50	1	356816	12/02/24	12/03/24	MES
Aroclor-1242	ND		ug/Kg	50	1	356816	12/02/24	12/03/24	MES
Aroclor-1248	ND		ug/Kg	50	1	356816	12/02/24	12/03/24	MES
Aroclor-1254	ND		ug/Kg	50	1	356816	12/02/24	12/03/24	MES
Aroclor-1260	ND		ug/Kg	50	1	356816	12/02/24	12/03/24	MES
Aroclor-1262	ND		ug/Kg	50	1	356816	12/02/24	12/03/24	MES
Aroclor-1268	ND		ug/Kg	50	1	356816	12/02/24	12/03/24	MES

Surrogates	Limits								
Decachlorobiphenyl (PCB)	100%	%REC	19-121	1	356816	12/02/24	12/03/24	MES	

Method: EPA 8260B

Prep Method: EPA 5035

3-Chloropropene	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
Freon 12	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
Chloromethane	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
Vinyl Chloride	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
Bromomethane	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
Chloroethane	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
Acetone	ND		ug/Kg	73	0.73	356757	12/02/24	12/02/24	LYZ
Freon 113	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
Methylene Chloride	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
MTBE	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
2-Butanone	ND		ug/Kg	73	0.73	356757	12/02/24	12/02/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
Chloroform	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
Bromochloromethane	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ

Analysis Results for 521233

521233-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
Trichloroethene	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
Bromodichloromethane	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
Dibromomethane	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
Toluene	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
Tetrachloroethene	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
Dibromochloromethane	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
Chlorobenzene	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
Ethylbenzene	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
m,p-Xylenes	ND		ug/Kg	7.3	0.73	356757	12/02/24	12/02/24	LYZ
o-Xylene	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
Styrene	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
Bromoform	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
Isopropylbenzene	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
Propylbenzene	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
Bromobenzene	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
2-Chlorotoluene	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
4-Chlorotoluene	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
tert-Butylbenzene	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
sec-Butylbenzene	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
n-Butylbenzene	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
Naphthalene	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
Xylene (total)	ND		ug/Kg	3.7	0.73	356757	12/02/24	12/02/24	LYZ
Surrogates			Limits						
Dibromofluoromethane	98%	%REC	70-145	0.73	356757	12/02/24	12/02/24	LYZ	
1,2-Dichloroethane-d4	106%	%REC	70-145	0.73	356757	12/02/24	12/02/24	LYZ	
Toluene-d8	106%	%REC	70-145	0.73	356757	12/02/24	12/02/24	LYZ	
Bromofluorobenzene	103%	%REC	70-145	0.73	356757	12/02/24	12/02/24	LYZ	

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/02/24	TJW
2-Methylnaphthalene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/02/24	TJW

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

Analysis Results for 521233

521233-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Naphthalene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/02/24	TJW
Acenaphthylene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/02/24	TJW
Acenaphthene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/02/24	TJW
Fluorene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/02/24	TJW
Phenanthrene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/02/24	TJW
Anthracene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/02/24	TJW
Fluoranthene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/02/24	TJW
Pyrene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/02/24	TJW
Benzo(a)anthracene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/02/24	TJW
Chrysene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/02/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/02/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/02/24	TJW
Benzo(a)pyrene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/02/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/02/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/02/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/02/24	TJW
Surrogates	Limits								
Nitrobenzene-d5	54%		%REC	27-125	0.99	356728	11/30/24	12/02/24	TJW
2-Fluorobiphenyl	48%		%REC	30-120	0.99	356728	11/30/24	12/02/24	TJW
Terphenyl-d14	54%		%REC	33-155	0.99	356728	11/30/24	12/02/24	TJW

Analysis Results for 521233

Sample ID: PS3-10'
Lab ID: 521233-007
Collected: 11/25/24 09:35
Matrix: Soil

521233-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	1	356562	11/26/24	11/27/24	CAP
Barium	110		mg/Kg	1.0	1	356562	11/26/24	11/27/24	CAP
Beryllium	ND		mg/Kg	0.50	1	356562	11/26/24	11/27/24	CAP
Cadmium	ND		mg/Kg	0.50	1	356562	11/26/24	11/27/24	CAP
Chromium	57		mg/Kg	1.0	1	356562	11/26/24	11/27/24	CAP
Cobalt	15		mg/Kg	0.50	1	356562	11/26/24	11/27/24	CAP
Copper	23		mg/Kg	1.0	1	356562	11/26/24	11/27/24	CAP
Molybdenum	ND		mg/Kg	1.0	1	356562	11/26/24	11/27/24	CAP
Nickel	34		mg/Kg	1.0	1	356562	11/26/24	11/27/24	CAP
Selenium	ND		mg/Kg	3.0	1	356562	11/26/24	11/27/24	CAP
Silver	ND		mg/Kg	0.50	1	356562	11/26/24	11/27/24	CAP
Thallium	ND		mg/Kg	3.0	1	356562	11/26/24	11/27/24	CAP
Vanadium	73		mg/Kg	1.0	1	356562	11/26/24	11/27/24	CAP
Zinc	44		mg/Kg	5.0	1	356562	11/26/24	11/27/24	CAP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.6		mg/Kg	1.0	1	356563	11/26/24	11/27/24	DXC
Lead	3.8		mg/Kg	0.50	1	356563	11/26/24	11/27/24	DXC
Method: EPA 7199 Prep Method: EPA 3060A									
Hexavalent Chromium	0.54		mg/Kg	0.40	1	356765	12/02/24 09:45	12/03/24 17:19	PAS
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	356585	11/27/24	11/27/24	MLL
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	10	1	356786	12/02/24	12/03/24	KMB
DRO C10-C28	ND		mg/Kg	10	1	356786	12/02/24	12/03/24	KMB
ORO C28-C44	ND		mg/Kg	20	1	356786	12/02/24	12/03/24	KMB
Surrogates	Limits								
n-Triacontane	107%		%REC	70-130	1	356786	12/02/24	12/03/24	KMB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
beta-BHC	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
gamma-BHC	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
delta-BHC	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Heptachlor	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Aldrin	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Endosulfan I	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Dieldrin	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
4,4'-DDE	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Endrin	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Endosulfan II	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES

Analysis Results for 521233

521233-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
4,4'-DDD	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Endrin ketone	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
4,4'-DDT	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Methoxychlor	ND		ug/Kg	9.9	0.99	356816	12/02/24	12/03/24	MES
Toxaphene	ND		ug/Kg	99	0.99	356816	12/02/24	12/03/24	MES
Chlordane (Technical)	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES

Surrogates	Limits								
TCMX	81%	%REC	23-120	0.99	356816	12/02/24	12/03/24	MES	
Decachlorobiphenyl	74%	%REC	24-120	0.99	356816	12/02/24	12/03/24	MES	

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1221	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1232	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1242	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1248	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1254	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1260	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1262	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1268	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES

Surrogates	Limits								
Decachlorobiphenyl (PCB)	102%	%REC	19-121	0.99	356816	12/02/24	12/03/24	MES	

Method: EPA 8260B

Prep Method: EPA 5035

3-Chloropropene	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
Freon 12	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
Chloromethane	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
Vinyl Chloride	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
Bromomethane	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
Chloroethane	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
Acetone	ND		ug/Kg	62	0.62	356769	12/02/24	12/02/24	LYZ
Freon 113	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
Methylene Chloride	ND		ug/Kg	4.5	0.62	356769	12/02/24	12/02/24	LYZ
MTBE	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
2-Butanone	ND		ug/Kg	62	0.62	356769	12/02/24	12/02/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
Chloroform	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
Bromochloromethane	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ

Analysis Results for 521233

521233-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
Trichloroethene	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
Bromodichloromethane	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
Dibromomethane	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
Toluene	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
Tetrachloroethene	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
Dibromochloromethane	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
Chlorobenzene	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
Ethylbenzene	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
m,p-Xylenes	ND		ug/Kg	6.2	0.62	356769	12/02/24	12/02/24	LYZ
o-Xylene	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
Styrene	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
Bromoform	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
Isopropylbenzene	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
Propylbenzene	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
Bromobenzene	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
2-Chlorotoluene	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
4-Chlorotoluene	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
tert-Butylbenzene	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
sec-Butylbenzene	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
n-Butylbenzene	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
Naphthalene	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
Xylene (total)	ND		ug/Kg	3.1	0.62	356769	12/02/24	12/02/24	LYZ
Surrogates			Limits						
Dibromofluoromethane	90%	%REC	70-145	0.62	356769	12/02/24	12/02/24	LYZ	
1,2-Dichloroethane-d4	92%	%REC	70-145	0.62	356769	12/02/24	12/02/24	LYZ	
Toluene-d8	97%	%REC	70-145	0.62	356769	12/02/24	12/02/24	LYZ	
Bromofluorobenzene	100%	%REC	70-145	0.62	356769	12/02/24	12/02/24	LYZ	

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
2-Methylnaphthalene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW

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

Analysis Results for 521233

521233-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Naphthalene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Acenaphthylene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Acenaphthene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Fluorene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Phenanthrene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Anthracene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Fluoranthene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Pyrene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Benzo(a)anthracene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Chrysene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Benzo(a)pyrene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Surrogates	Limits								
Nitrobenzene-d5	50%		%REC	27-125	1	356728	11/30/24	12/02/24	TJW
2-Fluorobiphenyl	42%		%REC	30-120	1	356728	11/30/24	12/02/24	TJW
Terphenyl-d14	47%		%REC	33-155	1	356728	11/30/24	12/02/24	TJW

Analysis Results for 521233

Sample ID: PS3-15'
Lab ID: 521233-008
Collected: 11/25/24 09:45
Matrix: Soil

521233-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	1	356562	11/26/24	11/27/24	CAP
Barium	90		mg/Kg	1.0	1	356562	11/26/24	11/27/24	CAP
Beryllium	ND		mg/Kg	0.50	1	356562	11/26/24	11/27/24	CAP
Cadmium	ND		mg/Kg	0.50	1	356562	11/26/24	11/27/24	CAP
Chromium	48		mg/Kg	1.0	1	356562	11/26/24	11/27/24	CAP
Cobalt	14		mg/Kg	0.50	1	356562	11/26/24	11/27/24	CAP
Copper	19		mg/Kg	1.0	1	356562	11/26/24	11/27/24	CAP
Molybdenum	ND		mg/Kg	1.0	1	356562	11/26/24	11/27/24	CAP
Nickel	28		mg/Kg	1.0	1	356562	11/26/24	11/27/24	CAP
Selenium	ND		mg/Kg	3.0	1	356562	11/26/24	11/27/24	CAP
Silver	ND		mg/Kg	0.50	1	356562	11/26/24	11/27/24	CAP
Thallium	ND		mg/Kg	3.0	1	356562	11/26/24	11/27/24	CAP
Vanadium	74		mg/Kg	1.0	1	356562	11/26/24	11/27/24	CAP
Zinc	42		mg/Kg	5.0	1	356562	11/26/24	11/27/24	CAP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.3		mg/Kg	1.0	1	356563	11/26/24	11/27/24	DXC
Lead	3.3		mg/Kg	0.50	1	356563	11/26/24	11/27/24	DXC
Method: EPA 7199 Prep Method: EPA 3060A									
Hexavalent Chromium	ND		mg/Kg	0.39	0.98	356765	12/02/24 09:45	12/03/24 17:31	PAS
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.2	356585	11/27/24	11/27/24	MLL
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	10	1	356786	12/02/24	12/03/24	KMB
DRO C10-C28	ND		mg/Kg	10	1	356786	12/02/24	12/03/24	KMB
ORO C28-C44	ND		mg/Kg	20	1	356786	12/02/24	12/03/24	KMB
Surrogates	Limits								
n-Triacontane	116%		%REC	70-130	1	356786	12/02/24	12/03/24	KMB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
beta-BHC	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
gamma-BHC	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
delta-BHC	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Heptachlor	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Aldrin	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Endosulfan I	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Dieldrin	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
4,4'-DDE	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Endrin	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Endosulfan II	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES

Analysis Results for 521233

521233-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
4,4'-DDD	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Endrin ketone	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
4,4'-DDT	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Methoxychlor	ND		ug/Kg	9.9	0.99	356816	12/02/24	12/03/24	MES
Toxaphene	ND		ug/Kg	99	0.99	356816	12/02/24	12/03/24	MES
Chlordane (Technical)	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES

Surrogates	Limits								
TCMX	74%	%REC	23-120	0.99	356816	12/02/24	12/03/24	MES	
Decachlorobiphenyl	65%	%REC	24-120	0.99	356816	12/02/24	12/03/24	MES	

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1221	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1232	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1242	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1248	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1254	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1260	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1262	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1268	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES

Surrogates	Limits								
Decachlorobiphenyl (PCB)	88%	%REC	19-121	0.99	356816	12/02/24	12/03/24	MES	

Method: EPA 8260B

Prep Method: EPA 5035

3-Chloropropene	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
Freon 12	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
Chloromethane	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
Vinyl Chloride	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
Bromomethane	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
Chloroethane	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
Acetone	ND		ug/Kg	70	0.7	356757	12/02/24	12/02/24	LYZ
Freon 113	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
Methylene Chloride	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
MTBE	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
2-Butanone	ND		ug/Kg	70	0.7	356757	12/02/24	12/02/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
Chloroform	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
Bromochloromethane	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ

Analysis Results for 521233

521233-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
Trichloroethene	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
Bromodichloromethane	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
Dibromomethane	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
Toluene	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
Tetrachloroethene	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
Dibromochloromethane	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
Chlorobenzene	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
Ethylbenzene	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
m,p-Xylenes	ND		ug/Kg	7.0	0.7	356757	12/02/24	12/02/24	LYZ
o-Xylene	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
Styrene	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
Bromoform	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
Isopropylbenzene	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
Propylbenzene	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
Bromobenzene	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
2-Chlorotoluene	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
4-Chlorotoluene	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
tert-Butylbenzene	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
sec-Butylbenzene	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
n-Butylbenzene	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
Naphthalene	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
Xylene (total)	ND		ug/Kg	3.5	0.7	356757	12/02/24	12/02/24	LYZ
Surrogates			Limits						
Dibromofluoromethane	98%	%REC	70-145	0.7	356757	12/02/24	12/02/24	LYZ	
1,2-Dichloroethane-d4	105%	%REC	70-145	0.7	356757	12/02/24	12/02/24	LYZ	
Toluene-d8	102%	%REC	70-145	0.7	356757	12/02/24	12/02/24	LYZ	
Bromofluorobenzene	99%	%REC	70-145	0.7	356757	12/02/24	12/02/24	LYZ	

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
2-Methylnaphthalene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW

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

Analysis Results for 521233

521233-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Naphthalene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Acenaphthylene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Acenaphthene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Fluorene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Phenanthrene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Anthracene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Fluoranthene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Pyrene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Benzo(a)anthracene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Chrysene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Benzo(a)pyrene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Surrogates	Limits								
Nitrobenzene-d5	61%		%REC	27-125	1	356728	11/30/24	12/02/24	TJW
2-Fluorobiphenyl	56%		%REC	30-120	1	356728	11/30/24	12/02/24	TJW
Terphenyl-d14	71%		%REC	33-155	1	356728	11/30/24	12/02/24	TJW

Analysis Results for 521233

Sample ID: VP10-1'
Lab ID: 521233-009
Collected: 11/25/24 08:30
Matrix: Soil

521233-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.97	356562	11/26/24	11/27/24	CAP
Barium	81		mg/Kg	0.97	0.97	356562	11/26/24	11/27/24	CAP
Beryllium	ND		mg/Kg	0.49	0.97	356562	11/26/24	11/27/24	CAP
Cadmium	ND		mg/Kg	0.49	0.97	356562	11/26/24	11/27/24	CAP
Chromium	50		mg/Kg	0.97	0.97	356562	11/26/24	11/27/24	CAP
Cobalt	13		mg/Kg	0.49	0.97	356562	11/26/24	11/27/24	CAP
Copper	25		mg/Kg	0.97	0.97	356562	11/26/24	11/27/24	CAP
Molybdenum	ND		mg/Kg	0.97	0.97	356562	11/26/24	11/27/24	CAP
Nickel	23		mg/Kg	0.97	0.97	356562	11/26/24	11/27/24	CAP
Selenium	ND		mg/Kg	2.9	0.97	356562	11/26/24	11/27/24	CAP
Silver	ND		mg/Kg	0.49	0.97	356562	11/26/24	11/27/24	CAP
Thallium	ND		mg/Kg	2.9	0.97	356562	11/26/24	11/27/24	CAP
Vanadium	76		mg/Kg	0.97	0.97	356562	11/26/24	11/27/24	CAP
Zinc	54		mg/Kg	4.9	0.97	356562	11/26/24	11/27/24	CAP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.4		mg/Kg	0.97	0.97	356563	11/26/24	11/27/24	DXC
Lead	12		mg/Kg	0.49	0.97	356563	11/26/24	11/27/24	DXC
Method: EPA 7199 Prep Method: EPA 3060A									
Hexavalent Chromium	ND		mg/Kg	0.40	0.99	356765	12/02/24 09:45	12/03/24 17:44	PAS
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	356767	12/02/24	12/02/24	MLL
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	10	1	356786	12/02/24	12/03/24	KMB
DRO C10-C28	ND		mg/Kg	10	1	356786	12/02/24	12/03/24	KMB
ORO C28-C44	ND		mg/Kg	20	1	356786	12/02/24	12/03/24	KMB
Surrogates	Limits								
n-Triacontane	120%		%REC	70-130	1	356786	12/02/24	12/03/24	KMB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	356816	12/02/24	12/03/24	MES
beta-BHC	ND		ug/Kg	5.1	1	356816	12/02/24	12/03/24	MES
gamma-BHC	ND		ug/Kg	5.1	1	356816	12/02/24	12/03/24	MES
delta-BHC	ND		ug/Kg	5.1	1	356816	12/02/24	12/03/24	MES
Heptachlor	ND		ug/Kg	5.1	1	356816	12/02/24	12/03/24	MES
Aldrin	ND		ug/Kg	5.1	1	356816	12/02/24	12/03/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1	356816	12/02/24	12/03/24	MES
Endosulfan I	ND		ug/Kg	5.1	1	356816	12/02/24	12/03/24	MES
Dieldrin	ND		ug/Kg	5.1	1	356816	12/02/24	12/03/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1	356816	12/02/24	12/03/24	MES
Endrin	ND		ug/Kg	5.1	1	356816	12/02/24	12/03/24	MES
Endosulfan II	ND		ug/Kg	5.1	1	356816	12/02/24	12/03/24	MES

Analysis Results for 521233

521233-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Endosulfan sulfate	ND		ug/Kg	5.1	1	356816	12/02/24	12/03/24	MES
4,4'-DDD	ND		ug/Kg	5.1	1	356816	12/02/24	12/03/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	1	356816	12/02/24	12/03/24	MES
Endrin ketone	ND		ug/Kg	5.1	1	356816	12/02/24	12/03/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1	356816	12/02/24	12/03/24	MES
Methoxychlor	ND		ug/Kg	10	1	356816	12/02/24	12/03/24	MES
Toxaphene	ND		ug/Kg	100	1	356816	12/02/24	12/03/24	MES
Chlordane (Technical)	ND		ug/Kg	51	1	356816	12/02/24	12/03/24	MES

Surrogates	Limits								
TCMX	82%	%REC	23-120	1	356816	12/02/24	12/03/24	MES	
Decachlorobiphenyl	75%	%REC	24-120	1	356816	12/02/24	12/03/24	MES	

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	51	1	356816	12/02/24	12/03/24	MES
Aroclor-1221	ND		ug/Kg	51	1	356816	12/02/24	12/03/24	MES
Aroclor-1232	ND		ug/Kg	51	1	356816	12/02/24	12/03/24	MES
Aroclor-1242	ND		ug/Kg	51	1	356816	12/02/24	12/03/24	MES
Aroclor-1248	ND		ug/Kg	51	1	356816	12/02/24	12/03/24	MES
Aroclor-1254	ND		ug/Kg	51	1	356816	12/02/24	12/03/24	MES
Aroclor-1260	ND		ug/Kg	51	1	356816	12/02/24	12/03/24	MES
Aroclor-1262	ND		ug/Kg	51	1	356816	12/02/24	12/03/24	MES
Aroclor-1268	ND		ug/Kg	51	1	356816	12/02/24	12/03/24	MES

Surrogates	Limits								
Decachlorobiphenyl (PCB)	103%	%REC	19-121	1	356816	12/02/24	12/03/24	MES	

Method: EPA 8260B

Prep Method: EPA 5035

3-Chloropropene	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
Freon 12	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
Chloromethane	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
Vinyl Chloride	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
Bromomethane	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
Chloroethane	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
Acetone	ND		ug/Kg	67	0.67	356757	12/02/24	12/02/24	LYZ
Freon 113	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
Methylene Chloride	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
MTBE	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
2-Butanone	ND		ug/Kg	67	0.67	356757	12/02/24	12/02/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
Chloroform	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
Bromochloromethane	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ

Analysis Results for 521233

521233-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
Trichloroethene	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
Bromodichloromethane	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
Dibromomethane	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
Toluene	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
Tetrachloroethene	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
Dibromochloromethane	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
Chlorobenzene	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
Ethylbenzene	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
m,p-Xylenes	ND		ug/Kg	6.7	0.67	356757	12/02/24	12/02/24	LYZ
o-Xylene	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
Styrene	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
Bromoform	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
Isopropylbenzene	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
Propylbenzene	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
Bromobenzene	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
2-Chlorotoluene	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
4-Chlorotoluene	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
tert-Butylbenzene	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
sec-Butylbenzene	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
n-Butylbenzene	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
Naphthalene	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
Xylene (total)	ND		ug/Kg	3.3	0.67	356757	12/02/24	12/02/24	LYZ
Surrogates			Limits						
Dibromofluoromethane	99%	%REC	70-145	0.67	356757	12/02/24	12/02/24	LYZ	
1,2-Dichloroethane-d4	108%	%REC	70-145	0.67	356757	12/02/24	12/02/24	LYZ	
Toluene-d8	102%	%REC	70-145	0.67	356757	12/02/24	12/02/24	LYZ	
Bromofluorobenzene	100%	%REC	70-145	0.67	356757	12/02/24	12/02/24	LYZ	

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
2-Methylnaphthalene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW

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

Analysis Results for 521233

521233-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Naphthalene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Acenaphthylene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Acenaphthene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Fluorene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Phenanthrene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Anthracene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Fluoranthene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Pyrene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Benzo(a)anthracene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Chrysene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Benzo(a)pyrene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Surrogates			Limits						
Nitrobenzene-d5	76%		%REC	27-125	1	356728	11/30/24	12/02/24	TJW
2-Fluorobiphenyl	71%		%REC	30-120	1	356728	11/30/24	12/02/24	TJW
Terphenyl-d14	88%		%REC	33-155	1	356728	11/30/24	12/02/24	TJW

Analysis Results for 521233

Sample ID: VP10-5'
Lab ID: 521233-010
Collected: 11/25/24 08:40
Matrix: Soil

521233-010 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	356562	11/26/24	11/27/24	CAP
Barium	130		mg/Kg	0.98	0.98	356562	11/26/24	11/27/24	CAP
Beryllium	ND		mg/Kg	0.49	0.98	356562	11/26/24	11/27/24	CAP
Cadmium	ND		mg/Kg	0.49	0.98	356562	11/26/24	11/27/24	CAP
Chromium	54		mg/Kg	0.98	0.98	356562	11/26/24	11/27/24	CAP
Cobalt	16		mg/Kg	0.49	0.98	356562	11/26/24	11/27/24	CAP
Copper	26		mg/Kg	0.98	0.98	356562	11/26/24	11/27/24	CAP
Molybdenum	ND		mg/Kg	0.98	0.98	356562	11/26/24	11/27/24	CAP
Nickel	32		mg/Kg	0.98	0.98	356562	11/26/24	11/27/24	CAP
Selenium	ND		mg/Kg	2.9	0.98	356562	11/26/24	11/27/24	CAP
Silver	ND		mg/Kg	0.49	0.98	356562	11/26/24	11/27/24	CAP
Thallium	ND		mg/Kg	2.9	0.98	356562	11/26/24	11/27/24	CAP
Vanadium	73		mg/Kg	0.98	0.98	356562	11/26/24	11/27/24	CAP
Zinc	56		mg/Kg	4.9	0.98	356562	11/26/24	11/27/24	CAP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.9		mg/Kg	0.98	0.98	356563	11/26/24	11/27/24	DXC
Lead	5.2		mg/Kg	0.49	0.98	356563	11/26/24	11/27/24	DXC
Method: EPA 7199 Prep Method: EPA 3060A									
Hexavalent Chromium	0.60		mg/Kg	0.40	1	356765	12/02/24 09:45	12/03/24 17:57	PAS
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.2	356767	12/02/24	12/02/24	MLL
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	10	1	356786	12/02/24	12/03/24	KMB
DRO C10-C28	ND		mg/Kg	10	1	356786	12/02/24	12/03/24	KMB
ORO C28-C44	ND		mg/Kg	20	1	356786	12/02/24	12/03/24	KMB
Surrogates	Limits								
n-Triacontane	98%		%REC	70-130	1	356786	12/02/24	12/03/24	KMB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
beta-BHC	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
gamma-BHC	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
delta-BHC	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Heptachlor	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Aldrin	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Endosulfan I	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Dieldrin	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
4,4'-DDE	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Endrin	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Endosulfan II	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES

Analysis Results for 521233

521233-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
4,4'-DDD	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Endrin ketone	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
4,4'-DDT	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Methoxychlor	ND		ug/Kg	9.9	0.99	356816	12/02/24	12/03/24	MES
Toxaphene	ND		ug/Kg	99	0.99	356816	12/02/24	12/03/24	MES
Chlordane (Technical)	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES

Surrogates			Limits						
TCMX	83%	%REC	23-120	0.99	356816	12/02/24	12/03/24	MES	
Decachlorobiphenyl	75%	%REC	24-120	0.99	356816	12/02/24	12/03/24	MES	

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1221	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1232	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1242	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1248	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1254	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1260	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1262	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1268	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES

Surrogates			Limits						
Decachlorobiphenyl (PCB)	102%	%REC	19-121	0.99	356816	12/02/24	12/03/24	MES	

Method: EPA 8260B

Prep Method: EPA 5035

3-Chloropropene	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
Freon 12	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
Chloromethane	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
Vinyl Chloride	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
Bromomethane	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
Chloroethane	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
Acetone	ND		ug/Kg	71	0.71	356757	12/02/24	12/02/24	LYZ
Freon 113	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
Methylene Chloride	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
MTBE	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
2-Butanone	ND		ug/Kg	71	0.71	356757	12/02/24	12/02/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
Chloroform	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
Bromochloromethane	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ

Analysis Results for 521233

521233-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
Trichloroethene	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
Bromodichloromethane	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
Dibromomethane	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
Toluene	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
Tetrachloroethene	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
Dibromochloromethane	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
Chlorobenzene	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
Ethylbenzene	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
m,p-Xylenes	ND		ug/Kg	7.1	0.71	356757	12/02/24	12/02/24	LYZ
o-Xylene	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
Styrene	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
Bromoform	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
Isopropylbenzene	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
Propylbenzene	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
Bromobenzene	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
2-Chlorotoluene	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
4-Chlorotoluene	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
tert-Butylbenzene	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
sec-Butylbenzene	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
n-Butylbenzene	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
Naphthalene	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
Xylene (total)	ND		ug/Kg	3.5	0.71	356757	12/02/24	12/02/24	LYZ
Surrogates			Limits						
Dibromofluoromethane	99%	%REC	70-145	0.71	356757	12/02/24	12/02/24	LYZ	
1,2-Dichloroethane-d4	106%	%REC	70-145	0.71	356757	12/02/24	12/02/24	LYZ	
Toluene-d8	102%	%REC	70-145	0.71	356757	12/02/24	12/02/24	LYZ	
Bromofluorobenzene	100%	%REC	70-145	0.71	356757	12/02/24	12/02/24	LYZ	

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
2-Methylnaphthalene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW

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

Analysis Results for 521233

521233-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Naphthalene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Acenaphthylene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Acenaphthene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Fluorene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Phenanthrene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Anthracene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Fluoranthene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Pyrene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Benzo(a)anthracene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Chrysene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Benzo(a)pyrene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Surrogates	Limits								
Nitrobenzene-d5	67%		%REC	27-125	1	356728	11/30/24	12/02/24	TJW
2-Fluorobiphenyl	64%		%REC	30-120	1	356728	11/30/24	12/02/24	TJW
Terphenyl-d14	84%		%REC	33-155	1	356728	11/30/24	12/02/24	TJW

Analysis Results for 521233

Sample ID: VP10-10'
Lab ID: 521233-011
Collected: 11/25/24 08:50
Matrix: Soil

521233-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.97	356562	11/26/24	11/27/24	CAP
Barium	120		mg/Kg	0.97	0.97	356562	11/26/24	11/27/24	CAP
Beryllium	ND		mg/Kg	0.49	0.97	356562	11/26/24	11/27/24	CAP
Cadmium	ND		mg/Kg	0.49	0.97	356562	11/26/24	11/27/24	CAP
Chromium	45		mg/Kg	0.97	0.97	356562	11/26/24	11/27/24	CAP
Cobalt	12		mg/Kg	0.49	0.97	356562	11/26/24	11/27/24	CAP
Copper	20		mg/Kg	0.97	0.97	356562	11/26/24	11/27/24	CAP
Molybdenum	ND		mg/Kg	0.97	0.97	356562	11/26/24	11/27/24	CAP
Nickel	26		mg/Kg	0.97	0.97	356562	11/26/24	11/27/24	CAP
Selenium	ND		mg/Kg	2.9	0.97	356562	11/26/24	11/27/24	CAP
Silver	ND		mg/Kg	0.49	0.97	356562	11/26/24	11/27/24	CAP
Thallium	ND		mg/Kg	2.9	0.97	356562	11/26/24	11/27/24	CAP
Vanadium	61		mg/Kg	0.97	0.97	356562	11/26/24	11/27/24	CAP
Zinc	42		mg/Kg	4.9	0.97	356562	11/26/24	11/27/24	CAP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.3		mg/Kg	0.97	0.97	356563	11/26/24	11/27/24	DXC
Lead	4.0		mg/Kg	0.49	0.97	356563	11/26/24	11/27/24	DXC
Method: EPA 7199 Prep Method: EPA 3060A									
Hexavalent Chromium	ND		mg/Kg	0.39	0.98	356765	12/02/24 09:45	12/03/24 18:10	PAS
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	356767	12/02/24	12/02/24	MLL
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	10	1	356786	12/02/24	12/04/24	KMB
DRO C10-C28	ND		mg/Kg	10	1	356786	12/02/24	12/04/24	KMB
ORO C28-C44	ND		mg/Kg	20	1	356786	12/02/24	12/04/24	KMB
Surrogates	Limits								
n-Triacontane	97%		%REC	70-130	1	356786	12/02/24	12/04/24	KMB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
beta-BHC	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
gamma-BHC	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
delta-BHC	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Heptachlor	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Aldrin	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Endosulfan I	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Dieldrin	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
4,4'-DDE	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Endrin	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Endosulfan II	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES

Analysis Results for 521233

521233-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
4,4'-DDD	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Endrin ketone	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
4,4'-DDT	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Methoxychlor	ND		ug/Kg	9.9	0.99	356816	12/02/24	12/03/24	MES
Toxaphene	ND		ug/Kg	99	0.99	356816	12/02/24	12/03/24	MES
Chlordane (Technical)	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES

Surrogates			Limits						
TCMX	83%	%REC	23-120	0.99	356816	12/02/24	12/03/24	MES	
Decachlorobiphenyl	75%	%REC	24-120	0.99	356816	12/02/24	12/03/24	MES	

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1221	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1232	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1242	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1248	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1254	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1260	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1262	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1268	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES

Surrogates			Limits						
Decachlorobiphenyl (PCB)	101%	%REC	19-121	0.99	356816	12/02/24	12/03/24	MES	

Method: EPA 8260B

Prep Method: EPA 5035

3-Chloropropene	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
Freon 12	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
Chloromethane	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
Vinyl Chloride	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
Bromomethane	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
Chloroethane	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
Acetone	ND		ug/Kg	66	0.66	356757	12/02/24	12/02/24	LYZ
Freon 113	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
Methylene Chloride	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
MTBE	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
2-Butanone	ND		ug/Kg	66	0.66	356757	12/02/24	12/02/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
Chloroform	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
Bromochloromethane	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ

Analysis Results for 521233

521233-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
Trichloroethene	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
Bromodichloromethane	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
Dibromomethane	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
Toluene	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
Tetrachloroethene	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
Dibromochloromethane	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
Chlorobenzene	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
Ethylbenzene	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
m,p-Xylenes	ND		ug/Kg	6.6	0.66	356757	12/02/24	12/02/24	LYZ
o-Xylene	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
Styrene	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
Bromoform	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
Isopropylbenzene	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
Propylbenzene	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
Bromobenzene	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
2-Chlorotoluene	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
4-Chlorotoluene	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
tert-Butylbenzene	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
sec-Butylbenzene	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
n-Butylbenzene	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
Naphthalene	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
Xylene (total)	ND		ug/Kg	3.3	0.66	356757	12/02/24	12/02/24	LYZ
Surrogates			Limits						
Dibromofluoromethane	98%	%REC	70-145	0.66	356757	12/02/24	12/02/24	LYZ	
1,2-Dichloroethane-d4	107%	%REC	70-145	0.66	356757	12/02/24	12/02/24	LYZ	
Toluene-d8	101%	%REC	70-145	0.66	356757	12/02/24	12/02/24	LYZ	
Bromofluorobenzene	99%	%REC	70-145	0.66	356757	12/02/24	12/02/24	LYZ	

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
2-Methylnaphthalene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW

Analysis Results for 521233

521233-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Naphthalene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Acenaphthylene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Acenaphthene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Fluorene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Phenanthrene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Anthracene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Fluoranthene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Pyrene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Benzo(a)anthracene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Chrysene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Benzo(a)pyrene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	356728	11/30/24	12/02/24	TJW
Surrogates	Limits								
Nitrobenzene-d5	46%		%REC	27-125	1	356728	11/30/24	12/02/24	TJW
2-Fluorobiphenyl	37%		%REC	30-120	1	356728	11/30/24	12/02/24	TJW
Terphenyl-d14	32%	*	%REC	33-155	1	356728	11/30/24	12/02/24	TJW

Analysis Results for 521233

Sample ID: VP10-15'
Lab ID: 521233-012
Collected: 11/25/24 09:00
Matrix: Soil

521233-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	1	356562	11/26/24	11/27/24	CAP
Barium	98		mg/Kg	1.0	1	356562	11/26/24	11/27/24	CAP
Beryllium	ND		mg/Kg	0.50	1	356562	11/26/24	11/27/24	CAP
Cadmium	ND		mg/Kg	0.50	1	356562	11/26/24	11/27/24	CAP
Chromium	49		mg/Kg	1.0	1	356562	11/26/24	11/27/24	CAP
Cobalt	11		mg/Kg	0.50	1	356562	11/26/24	11/27/24	CAP
Copper	18		mg/Kg	1.0	1	356562	11/26/24	11/27/24	CAP
Molybdenum	ND		mg/Kg	1.0	1	356562	11/26/24	11/27/24	CAP
Nickel	22		mg/Kg	1.0	1	356562	11/26/24	11/27/24	CAP
Selenium	ND		mg/Kg	3.0	1	356562	11/26/24	11/27/24	CAP
Silver	ND		mg/Kg	0.50	1	356562	11/26/24	11/27/24	CAP
Thallium	ND		mg/Kg	3.0	1	356562	11/26/24	11/27/24	CAP
Vanadium	72		mg/Kg	1.0	1	356562	11/26/24	11/27/24	CAP
Zinc	49		mg/Kg	5.0	1	356562	11/26/24	11/27/24	CAP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.0		mg/Kg	1.0	1	356563	11/26/24	11/27/24	DXC
Lead	4.0		mg/Kg	0.50	1	356563	11/26/24	11/27/24	DXC
Method: EPA 7199 Prep Method: EPA 3060A									
Hexavalent Chromium	ND		mg/Kg	0.39	0.98	356765	12/02/24 09:45	12/03/24 18:23	PAS
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.17	1.2	356767	12/02/24	12/02/24	MLL
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	10	1	356786	12/02/24	12/04/24	KMB
DRO C10-C28	ND		mg/Kg	10	1	356786	12/02/24	12/04/24	KMB
ORO C28-C44	ND		mg/Kg	20	1	356786	12/02/24	12/04/24	KMB
Surrogates	Limits								
n-Triacontane	110%		%REC	70-130	1	356786	12/02/24	12/04/24	KMB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
beta-BHC	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
gamma-BHC	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
delta-BHC	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Heptachlor	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Aldrin	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Endosulfan I	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Dieldrin	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
4,4'-DDE	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Endrin	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Endosulfan II	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES

Analysis Results for 521233

521233-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
4,4'-DDD	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Endrin ketone	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
4,4'-DDT	ND		ug/Kg	5.0	0.99	356816	12/02/24	12/03/24	MES
Methoxychlor	ND		ug/Kg	9.9	0.99	356816	12/02/24	12/03/24	MES
Toxaphene	ND		ug/Kg	99	0.99	356816	12/02/24	12/03/24	MES
Chlordane (Technical)	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES

Surrogates			Limits						
TCMX	80%	%REC	23-120	0.99	356816	12/02/24	12/03/24	MES	
Decachlorobiphenyl	75%	%REC	24-120	0.99	356816	12/02/24	12/03/24	MES	

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1221	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1232	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1242	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1248	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1254	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1260	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1262	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES
Aroclor-1268	ND		ug/Kg	50	0.99	356816	12/02/24	12/03/24	MES

Surrogates			Limits						
Decachlorobiphenyl (PCB)	101%	%REC	19-121	0.99	356816	12/02/24	12/03/24	MES	

Method: EPA 8260B

Prep Method: EPA 5035

3-Chloropropene	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
Freon 12	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
Chloromethane	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
Vinyl Chloride	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
Bromomethane	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
Chloroethane	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
Acetone	ND		ug/Kg	69	0.69	356757	12/02/24	12/02/24	LYZ
Freon 113	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
Methylene Chloride	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
MTBE	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
2-Butanone	ND		ug/Kg	69	0.69	356757	12/02/24	12/02/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
Chloroform	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
Bromochloromethane	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ

Analysis Results for 521233

521233-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	3.9		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
Trichloroethene	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
Bromodichloromethane	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
Dibromomethane	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
Toluene	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
Tetrachloroethene	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
Dibromochloromethane	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
Chlorobenzene	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
Ethylbenzene	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
m,p-Xylenes	ND		ug/Kg	6.9	0.69	356757	12/02/24	12/02/24	LYZ
o-Xylene	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
Styrene	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
Bromoform	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
Isopropylbenzene	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
Propylbenzene	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
Bromobenzene	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
2-Chlorotoluene	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
4-Chlorotoluene	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
tert-Butylbenzene	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
sec-Butylbenzene	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
n-Butylbenzene	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
Naphthalene	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
Xylene (total)	ND		ug/Kg	3.4	0.69	356757	12/02/24	12/02/24	LYZ
Surrogates			Limits						
Dibromofluoromethane	95%	%REC	70-145	0.69	356757	12/02/24	12/02/24	LYZ	
1,2-Dichloroethane-d4	107%	%REC	70-145	0.69	356757	12/02/24	12/02/24	LYZ	
Toluene-d8	101%	%REC	70-145	0.69	356757	12/02/24	12/02/24	LYZ	
Bromofluorobenzene	97%	%REC	70-145	0.69	356757	12/02/24	12/02/24	LYZ	

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/02/24	TJW
2-Methylnaphthalene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/02/24	TJW

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

Analysis Results for 521233

521233-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Naphthalene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/02/24	TJW
Acenaphthylene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/02/24	TJW
Acenaphthene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/02/24	TJW
Fluorene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/02/24	TJW
Phenanthrene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/02/24	TJW
Anthracene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/02/24	TJW
Fluoranthene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/02/24	TJW
Pyrene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/02/24	TJW
Benzo(a)anthracene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/02/24	TJW
Chrysene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/02/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/02/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/02/24	TJW
Benzo(a)pyrene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/02/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/02/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/02/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	9.9	0.99	356728	11/30/24	12/02/24	TJW
Surrogates	Limits								
Nitrobenzene-d5	44%		%REC	27-125	0.99	356728	11/30/24	12/02/24	TJW
2-Fluorobiphenyl	37%		%REC	30-120	0.99	356728	11/30/24	12/02/24	TJW
Terphenyl-d14	49%		%REC	33-155	0.99	356728	11/30/24	12/02/24	TJW

CCV drift outside limits; average CCV drift within limits per method requirements

* Value is outside QC limits

ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1207848	Batch: 356562
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1207848 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	11/26/24	11/27/24
Arsenic	ND		mg/Kg	1.0	11/26/24	11/27/24
Barium	ND		mg/Kg	1.0	11/26/24	11/27/24
Beryllium	ND		mg/Kg	0.50	11/26/24	11/27/24
Cadmium	ND		mg/Kg	0.50	11/26/24	11/27/24
Chromium	ND		mg/Kg	1.0	11/26/24	11/27/24
Cobalt	ND		mg/Kg	0.50	11/26/24	11/27/24
Copper	ND		mg/Kg	1.0	11/26/24	11/27/24
Lead	ND		mg/Kg	1.0	11/26/24	11/27/24
Molybdenum	ND		mg/Kg	1.0	11/26/24	11/27/24
Nickel	ND		mg/Kg	1.0	11/26/24	11/27/24
Selenium	ND		mg/Kg	3.0	11/26/24	11/27/24
Silver	ND		mg/Kg	0.50	11/26/24	11/27/24
Thallium	ND		mg/Kg	3.0	11/26/24	11/27/24
Vanadium	ND		mg/Kg	1.0	11/26/24	11/27/24
Zinc	ND		mg/Kg	5.0	11/26/24	11/27/24

Type: Lab Control Sample	Lab ID: QC1207849	Batch: 356562
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1207849 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	95.02	100.0	mg/Kg	95%		80-120
Arsenic	92.85	100.0	mg/Kg	93%		80-120
Barium	102.1	100.0	mg/Kg	102%		80-120
Beryllium	97.64	100.0	mg/Kg	98%		80-120
Cadmium	99.41	100.0	mg/Kg	99%		80-120
Chromium	98.90	100.0	mg/Kg	99%		80-120
Cobalt	105.3	100.0	mg/Kg	105%		80-120
Copper	98.22	100.0	mg/Kg	98%		80-120
Lead	103.2	100.0	mg/Kg	103%		80-120
Molybdenum	94.93	100.0	mg/Kg	95%		80-120
Nickel	106.8	100.0	mg/Kg	107%		80-120
Selenium	87.14	100.0	mg/Kg	87%		80-120
Silver	46.59	50.00	mg/Kg	93%		80-120
Thallium	100.7	100.0	mg/Kg	101%		80-120
Vanadium	98.39	100.0	mg/Kg	98%		80-120
Zinc	98.56	100.0	mg/Kg	99%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1207850	Batch: 356562
Matrix (Source ID): Soil (521233-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1207850 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	43.38	ND	96.15	mg/Kg	45%	*	75-125	0.96
Arsenic	91.38	2.285	96.15	mg/Kg	93%		75-125	0.96
Barium	183.8	82.85	96.15	mg/Kg	105%		75-125	0.96
Beryllium	93.29	0.2191	96.15	mg/Kg	97%		75-125	0.96
Cadmium	92.04	0.1869	96.15	mg/Kg	96%		75-125	0.96
Chromium	124.5	28.33	96.15	mg/Kg	100%		75-125	0.96
Cobalt	104.4	8.192	96.15	mg/Kg	100%		75-125	0.96
Copper	114.9	18.32	96.15	mg/Kg	100%		75-125	0.96
Lead	124.9	17.12	96.15	mg/Kg	112%		75-125	0.96
Molybdenum	88.12	0.5484	96.15	mg/Kg	91%		75-125	0.96
Nickel	114.3	16.38	96.15	mg/Kg	102%		75-125	0.96
Selenium	83.03	ND	96.15	mg/Kg	86%		75-125	0.96
Silver	45.31	ND	48.08	mg/Kg	94%		75-125	0.96
Thallium	92.03	ND	96.15	mg/Kg	96%		75-125	0.96
Vanadium	146.9	48.29	96.15	mg/Kg	103%		75-125	0.96
Zinc	139.9	48.78	96.15	mg/Kg	95%		75-125	0.96

Type: Matrix Spike Duplicate	Lab ID: QC1207851	Batch: 356562
Matrix (Source ID): Soil (521233-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1207851 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	41.29	ND	98.04	mg/Kg	42%	*	75-125	7	41	0.98
Arsenic	91.50	2.285	98.04	mg/Kg	91%		75-125	2	35	0.98
Barium	183.0	82.85	98.04	mg/Kg	102%		75-125	1	20	0.98
Beryllium	93.64	0.2191	98.04	mg/Kg	95%		75-125	2	20	0.98
Cadmium	91.81	0.1869	98.04	mg/Kg	93%		75-125	2	20	0.98
Chromium	123.7	28.33	98.04	mg/Kg	97%		75-125	2	20	0.98
Cobalt	104.3	8.192	98.04	mg/Kg	98%		75-125	2	20	0.98
Copper	114.4	18.32	98.04	mg/Kg	98%		75-125	2	20	0.98
Lead	118.0	17.12	98.04	mg/Kg	103%		75-125	7	20	0.98
Molybdenum	88.33	0.5484	98.04	mg/Kg	90%		75-125	2	20	0.98
Nickel	113.3	16.38	98.04	mg/Kg	99%		75-125	3	20	0.98
Selenium	83.81	ND	98.04	mg/Kg	85%		75-125	1	20	0.98
Silver	45.67	ND	49.02	mg/Kg	93%		75-125	1	20	0.98
Thallium	92.91	ND	98.04	mg/Kg	95%		75-125	1	20	0.98
Vanadium	147.3	48.29	98.04	mg/Kg	101%		75-125	1	20	0.98
Zinc	140.1	48.78	98.04	mg/Kg	93%		75-125	1	20	0.98

Batch QC

Type: Post Digest Spike	Lab ID: QC1207852	Batch: 356562
Matrix (Source ID): Soil (521233-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1207852 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	89.69	ND	96.15	mg/Kg	93%		75-125	0.96
Arsenic	92.08	2.285	96.15	mg/Kg	93%		75-125	0.96
Barium	176.9	82.85	96.15	mg/Kg	98%		75-125	0.96
Beryllium	93.48	0.2191	96.15	mg/Kg	97%		75-125	0.96
Cadmium	92.33	0.1869	96.15	mg/Kg	96%		75-125	0.96
Chromium	120.2	28.33	96.15	mg/Kg	96%		75-125	0.96
Cobalt	104.1	8.192	96.15	mg/Kg	100%		75-125	0.96
Copper	114.1	18.32	96.15	mg/Kg	100%		75-125	0.96
Lead	112.5	17.12	96.15	mg/Kg	99%		75-125	0.96
Molybdenum	92.85	0.5484	96.15	mg/Kg	96%		75-125	0.96
Nickel	112.8	16.38	96.15	mg/Kg	100%		75-125	0.96
Selenium	84.40	ND	96.15	mg/Kg	88%		75-125	0.96
Silver	45.92	ND	48.08	mg/Kg	96%		75-125	0.96
Thallium	93.55	ND	96.15	mg/Kg	97%		75-125	0.96
Vanadium	141.6	48.29	96.15	mg/Kg	97%		75-125	0.96
Zinc	137.8	48.78	96.15	mg/Kg	93%		75-125	0.96

Type: Blank	Lab ID: QC1207853	Batch: 356563
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1207853 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Arsenic	ND		mg/Kg	1.0	11/26/24	11/27/24
Lead	ND		mg/Kg	0.50	11/26/24	11/27/24
Thallium	ND		mg/Kg	1.0	11/26/24	11/27/24

Type: Lab Control Sample	Lab ID: QC1207854	Batch: 356563
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1207854 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Arsenic	99.64	100.0	mg/Kg	100%		80-120
Lead	97.29	100.0	mg/Kg	97%		80-120
Thallium	96.51	100.0	mg/Kg	97%		80-120

Type: Matrix Spike	Lab ID: QC1207855	Batch: 356563
Matrix (Source ID): Soil (521233-001)	Method: EPA 6020	Prep Method: EPA 3050B

QC1207855 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	97.55	2.994	96.15	mg/Kg	98%		75-125	0.96
Lead	123.8	16.83	96.15	mg/Kg	111%		75-125	0.96
Thallium	93.98	ND	96.15	mg/Kg	98%		75-125	0.96

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1207856	Batch: 356563
Matrix (Source ID): Soil (521233-001)	Method: EPA 6020	Prep Method: EPA 3050B

QC1207856 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Arsenic	96.67	2.994	98.04	mg/Kg	96%		75-125	3	20	0.98
Lead	112.4	16.83	98.04	mg/Kg	98%		75-125	11	20	0.98
Thallium	90.28	ND	98.04	mg/Kg	92%		75-125	6	20	0.98

Type: Post Digest Spike	Lab ID: QC1207857	Batch: 356563
Matrix (Source ID): Soil (521233-001)	Method: EPA 6020	Prep Method: EPA 3050B

QC1207857 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	96.53	2.994	96.15	mg/Kg	97%		75-125	0.96
Lead	108.9	16.83	96.15	mg/Kg	96%		75-125	0.96
Thallium	92.70	ND	96.15	mg/Kg	96%		75-125	0.96

Type: Blank	Lab ID: QC1208628	Batch: 356765
Matrix: Soil	Method: EPA 7199	Prep Method: EPA 3060A

QC1208628 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Hexavalent Chromium	ND		mg/Kg	0.40	12/02/24 09:45	12/03/24 14:06

Type: Lab Control Sample	Lab ID: QC1208629	Batch: 356765
Matrix: Soil	Method: EPA 7199	Prep Method: EPA 3060A

QC1208629 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Hexavalent Chromium	39.18	40.00	mg/Kg	98%		80-120

Type: Sample Duplicate	Lab ID: QC1208630	Batch: 356765
Matrix (Source ID): Soil (521233-001)	Method: EPA 7199	Prep Method: EPA 3060A

QC1208630 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Hexavalent Chromium	ND	ND	mg/Kg			30	0.99

Type: Sample Spike	Lab ID: QC1208631	Batch: 356765
Matrix (Source ID): Soil (521233-001)	Method: EPA 7199	Prep Method: EPA 3060A

QC1208631 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Hexavalent Chromium	36.22	0.2444	39.06	mg/Kg	92%		70-130	2

Batch QC

Type: Post Digest Spike			Lab ID: QC1208632			Batch: 356765			
Matrix (Source ID): Soil (521233-001)			Method: EPA 7199			Prep Method: EPA 3060A			
QC1208632 Analyte		Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Hexavalent Chromium		34.92	0.2444	40.00	mg/Kg	87%		75-125	2

Type: Blank			Lab ID: QC1207942			Batch: 356585			
Matrix: Soil			Method: EPA 7471A			Prep Method: METHOD			
QC1207942 Analyte		Result	Qual	Units	RL	Prepared	Analyzed		
Mercury		ND		mg/Kg	0.14	11/27/24	11/27/24		

Type: Lab Control Sample			Lab ID: QC1207943			Batch: 356585			
Matrix: Soil			Method: EPA 7471A			Prep Method: METHOD			
QC1207943 Analyte		Result	Spiked	Units	Recovery	Qual	Limits		
Mercury		0.7755	0.8333	mg/Kg	93%		80-120		

Type: Matrix Spike			Lab ID: QC1207944			Batch: 356585			
Matrix (Source ID): Soil (520937-001)			Method: EPA 7471A			Prep Method: METHOD			
QC1207944 Analyte		Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury		0.8843	ND	0.9434	mg/Kg	94%		75-125	1.1

Type: Matrix Spike Duplicate			Lab ID: QC1207945			Batch: 356585				
Matrix (Source ID): Soil (520937-001)			Method: EPA 7471A			Prep Method: METHOD				
QC1207945 Analyte		Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD Lim	DF
Mercury		0.9585	ND	1.000	mg/Kg	96%		75-125	2 20	1.2

Type: Blank			Lab ID: QC1208624			Batch: 356767			
Matrix: Soil			Method: EPA 7471A			Prep Method: METHOD			
QC1208624 Analyte		Result	Qual	Units	RL	Prepared	Analyzed		
Mercury		ND		mg/Kg	0.14	12/02/24	12/02/24		

Type: Lab Control Sample			Lab ID: QC1208625			Batch: 356767			
Matrix: Soil			Method: EPA 7471A			Prep Method: METHOD			
QC1208625 Analyte		Result	Spiked	Units	Recovery	Qual	Limits		
Mercury		0.8180	0.8333	mg/Kg	98%		80-120		

Batch QC

Type: Matrix Spike	Lab ID: QC1208626	Batch: 356767
Matrix (Source ID): Soil (521233-009)	Method: EPA 7471A	Prep Method: METHOD

QC1208626 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.8604	ND	0.9259	mg/Kg	93%		75-125	1.1

Type: Matrix Spike Duplicate	Lab ID: QC1208627	Batch: 356767
Matrix (Source ID): Soil (521233-009)	Method: EPA 7471A	Prep Method: METHOD

QC1208627 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	0.9108	ND	0.9615	mg/Kg	95%		75-125	2	20	1.2

Type: Blank	Lab ID: QC1207756	Batch: 356522
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1207756 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
GRO C8-C10	ND		mg/Kg	10	11/26/24	11/26/24
DRO C10-C28	ND		mg/Kg	10	11/26/24	11/26/24
ORO C28-C44	ND		mg/Kg	20	11/26/24	11/26/24
Surrogates	Limits					
n-Triacontane	98%		%REC	70-130	11/26/24	11/26/24

Type: Lab Control Sample	Lab ID: QC1207757	Batch: 356522
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1207757 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	215.5	248.1	mg/Kg	87%		76-122
Surrogates						
n-Triacontane	9.095	9.926	mg/Kg	92%		70-130

Type: Matrix Spike	Lab ID: QC1207759	Batch: 356522
Matrix (Source ID): Soil (521264-004)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1207759 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	218.3	ND	249.6	mg/Kg	87%		62-126	1
Surrogates								
n-Triacontane	9.258		9.985	mg/Kg	93%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1207760	Batch: 356522
Matrix (Source ID): Soil (521264-004)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1207760 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	208.6	ND	249.8	mg/Kg	84%		62-126	5	35	1
Surrogates										
n-Triacontane	9.316		9.990	mg/Kg	93%		70-130			1

Type: Blank	Lab ID: QC1208695	Batch: 356786
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1208695 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
GRO C8-C10	ND		mg/Kg	10	12/02/24	12/03/24
DRO C10-C28	ND		mg/Kg	10	12/02/24	12/03/24
ORO C28-C44	ND		mg/Kg	20	12/02/24	12/03/24
Surrogates				Limits		
n-Triacontane	100%		%REC	70-130	12/02/24	12/03/24

Type: Lab Control Sample	Lab ID: QC1208696	Batch: 356786
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1208696 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	207.0	252.5	mg/Kg	82%		76-122
Surrogates						
n-Triacontane	9.133	10.10	mg/Kg	90%		70-130

Type: Matrix Spike	Lab ID: QC1208806	Batch: 356786
Matrix (Source ID): Soil (521233-004)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1208806 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	171.9	ND	248.0	mg/Kg	69%		62-126	0.99
Surrogates								
n-Triacontane	9.103		9.921	mg/Kg	92%		70-130	0.99

Type: Matrix Spike Duplicate	Lab ID: QC1208807	Batch: 356786
Matrix (Source ID): Soil (521233-004)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1208807 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	188.3	ND	249.1	mg/Kg	76%		62-126	9	35	1
Surrogates										
n-Triacontane	9.038		9.965	mg/Kg	91%		70-130			1

Batch QC

Type: Blank	Lab ID: QC1208793	Batch: 356816
Matrix: Soil		

QC1208793 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Method: EPA 8081A						
Prep Method: EPA 3546						
alpha-BHC	ND		ug/Kg	5.0	12/02/24	12/03/24
beta-BHC	ND		ug/Kg	5.0	12/02/24	12/03/24
gamma-BHC	ND		ug/Kg	5.0	12/02/24	12/03/24
delta-BHC	ND		ug/Kg	5.0	12/02/24	12/03/24
Heptachlor	ND		ug/Kg	5.0	12/02/24	12/03/24
Aldrin	ND		ug/Kg	5.0	12/02/24	12/03/24
Heptachlor epoxide	ND		ug/Kg	5.0	12/02/24	12/03/24
Endosulfan I	ND		ug/Kg	5.0	12/02/24	12/03/24
Dieldrin	ND		ug/Kg	5.0	12/02/24	12/03/24
4,4'-DDE	ND		ug/Kg	5.0	12/02/24	12/03/24
Endrin	ND		ug/Kg	5.0	12/02/24	12/03/24
Endosulfan II	ND		ug/Kg	5.0	12/02/24	12/03/24
Endosulfan sulfate	ND		ug/Kg	5.0	12/02/24	12/03/24
4,4'-DDD	ND		ug/Kg	5.0	12/02/24	12/03/24
Endrin aldehyde	ND		ug/Kg	5.0	12/02/24	12/03/24
Endrin ketone	ND		ug/Kg	5.0	12/02/24	12/03/24
4,4'-DDT	ND		ug/Kg	5.0	12/02/24	12/03/24
Methoxychlor	ND		ug/Kg	10	12/02/24	12/03/24
Toxaphene	ND		ug/Kg	100	12/02/24	12/03/24
Chlordane (Technical)	ND		ug/Kg	50	12/02/24	12/03/24
Surrogates				Limits		
TCMX	81%		%REC	23-120	12/02/24	12/03/24
Decachlorobiphenyl	76%		%REC	24-120	12/02/24	12/03/24
Method: EPA 8082						
Prep Method: EPA 3546						
Aroclor-1016	ND		ug/Kg	50	12/02/24	12/03/24
Aroclor-1221	ND		ug/Kg	50	12/02/24	12/03/24
Aroclor-1232	ND		ug/Kg	50	12/02/24	12/03/24
Aroclor-1242	ND		ug/Kg	50	12/02/24	12/03/24
Aroclor-1248	ND		ug/Kg	50	12/02/24	12/03/24
Aroclor-1254	ND		ug/Kg	50	12/02/24	12/03/24
Aroclor-1260	ND		ug/Kg	50	12/02/24	12/03/24
Aroclor-1262	ND		ug/Kg	50	12/02/24	12/03/24
Aroclor-1268	ND		ug/Kg	50	12/02/24	12/03/24
Surrogates				Limits		
Decachlorobiphenyl (PCB)	103%		%REC	19-121	12/02/24	12/03/24

Batch QC

Type: Lab Control Sample	Lab ID: QC1208794	Batch: 356816
Matrix: Soil	Method: EPA 8081A	Prep Method: EPA 3546

QC1208794 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	49.67	51.02	ug/Kg	97%		22-129
beta-BHC	49.13	51.02	ug/Kg	96%		28-125
gamma-BHC	49.87	51.02	ug/Kg	98%		22-128
delta-BHC	51.01	51.02	ug/Kg	100%		24-131
Heptachlor	45.71	51.02	ug/Kg	90%	#	18-124
Aldrin	42.31	51.02	ug/Kg	83%	#	23-120
Heptachlor epoxide	45.24	51.02	ug/Kg	89%		26-120
Endosulfan I	46.59	51.02	ug/Kg	91%		25-126
Dieldrin	46.90	51.02	ug/Kg	92%		23-124
4,4'-DDE	47.84	51.02	ug/Kg	94%	#	28-121
Endrin	48.88	51.02	ug/Kg	96%		25-127
Endosulfan II	48.19	51.02	ug/Kg	94%		29-121
Endosulfan sulfate	45.18	51.02	ug/Kg	89%	#	30-121
4,4'-DDD	44.70	51.02	ug/Kg	88%	#	26-120
Endrin aldehyde	31.41	51.02	ug/Kg	62%	#	10-120
Endrin ketone	47.90	51.02	ug/Kg	94%	#	28-125
4,4'-DDT	46.26	51.02	ug/Kg	91%	#	22-125
Methoxychlor	48.78	51.02	ug/Kg	96%	#	28-130
Surrogates						
TCMX	40.89	51.02	ug/Kg	80%		23-120
Decachlorobiphenyl	37.13	51.02	ug/Kg	73%		24-120

Type: Lab Control Sample	Lab ID: QC1208797	Batch: 356816
Matrix: Soil	Method: EPA 8082	Prep Method: EPA 3546

QC1208797 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	438.7	495.0	ug/Kg	89%		14-150
Aroclor-1260	436.1	495.0	ug/Kg	88%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	43.27	49.50	ug/Kg	87%		19-121

Type: Matrix Spike	Lab ID: QC1208798	Batch: 356816
Matrix (Source ID): Soil (521233-002)	Method: EPA 8082	Prep Method: EPA 3546

QC1208798 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	483.5	ND	505.1	ug/Kg	96%		42-127	1
Aroclor-1260	469.3	ND	505.1	ug/Kg	93%		38-130	1
Surrogates								
Decachlorobiphenyl (PCB)	46.42		50.51	ug/Kg	92%		19-121	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1208799	Batch: 356816
Matrix (Source ID): Soil (521233-002)	Method: EPA 8082	Prep Method: EPA 3546

QC1208799 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	504.4	ND	505.1	ug/Kg	100%		42-127	4	30	1
Aroclor-1260	499.3	ND	505.1	ug/Kg	99%		38-130	6	30	1
Surrogates										
Decachlorobiphenyl (PCB)	49.58		50.51	ug/Kg	98%		19-121			1

Type: Lab Control Sample	Lab ID: QC1208391	Batch: 356707
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1208391 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	45.14	50.00	ug/Kg	90%		70-131
MTBE	39.28	50.00	ug/Kg	79%		69-130
Benzene	43.80	50.00	ug/Kg	88%		70-130
Trichloroethene	44.32	50.00	ug/Kg	89%		70-130
Toluene	46.18	50.00	ug/Kg	92%		70-130
Chlorobenzene	47.69	50.00	ug/Kg	95%		70-130
Surrogates						
Dibromofluoromethane	50.19	50.00	ug/Kg	100%		70-130
1,2-Dichloroethane-d4	49.57	50.00	ug/Kg	99%		70-145
Toluene-d8	51.55	50.00	ug/Kg	103%		70-145
Bromofluorobenzene	51.75	50.00	ug/Kg	104%		70-145

Type: Lab Control Sample Duplicate	Lab ID: QC1208392	Batch: 356707
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1208392 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	44.01	50.00	ug/Kg	88%		70-131	3	33
MTBE	37.96	50.00	ug/Kg	76%		69-130	3	30
Benzene	43.59	50.00	ug/Kg	87%		70-130	0	30
Trichloroethene	43.04	50.00	ug/Kg	86%		70-130	3	30
Toluene	44.90	50.00	ug/Kg	90%		70-130	3	30
Chlorobenzene	45.63	50.00	ug/Kg	91%		70-130	4	30
Surrogates								
Dibromofluoromethane	50.63	50.00	ug/Kg	101%		70-130		
1,2-Dichloroethane-d4	49.23	50.00	ug/Kg	98%		70-145		
Toluene-d8	51.63	50.00	ug/Kg	103%		70-145		
Bromofluorobenzene	50.13	50.00	ug/Kg	100%		70-145		

Batch QC

Type: Blank	Lab ID: QC1208395	Batch: 356707
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1208395 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	11/30/24	11/30/24
Freon 12	ND		ug/Kg	5.0	11/30/24	11/30/24
Chloromethane	ND		ug/Kg	5.0	11/30/24	11/30/24
Vinyl Chloride	ND		ug/Kg	5.0	11/30/24	11/30/24
Bromomethane	ND		ug/Kg	5.0	11/30/24	11/30/24
Chloroethane	ND		ug/Kg	5.0	11/30/24	11/30/24
Trichlorofluoromethane	ND		ug/Kg	5.0	11/30/24	11/30/24
Acetone	ND		ug/Kg	100	11/30/24	11/30/24
Freon 113	ND		ug/Kg	5.0	11/30/24	11/30/24
1,1-Dichloroethene	ND		ug/Kg	5.0	11/30/24	11/30/24
Methylene Chloride	ND		ug/Kg	5.0	11/30/24	11/30/24
MTBE	ND		ug/Kg	5.0	11/30/24	11/30/24
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	11/30/24	11/30/24
1,1-Dichloroethane	ND		ug/Kg	5.0	11/30/24	11/30/24
2-Butanone	ND		ug/Kg	100	11/30/24	11/30/24
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	11/30/24	11/30/24
2,2-Dichloropropane	ND		ug/Kg	5.0	11/30/24	11/30/24
Chloroform	ND		ug/Kg	5.0	11/30/24	11/30/24
Bromochloromethane	ND		ug/Kg	5.0	11/30/24	11/30/24
1,1,1-Trichloroethane	ND		ug/Kg	5.0	11/30/24	11/30/24
1,1-Dichloropropene	ND		ug/Kg	5.0	11/30/24	11/30/24
Carbon Tetrachloride	ND		ug/Kg	5.0	11/30/24	11/30/24
1,2-Dichloroethane	ND		ug/Kg	5.0	11/30/24	11/30/24
Benzene	ND		ug/Kg	5.0	11/30/24	11/30/24
Trichloroethene	ND		ug/Kg	5.0	11/30/24	11/30/24
1,2-Dichloropropane	ND		ug/Kg	5.0	11/30/24	11/30/24
Bromodichloromethane	ND		ug/Kg	5.0	11/30/24	11/30/24
Dibromomethane	ND		ug/Kg	5.0	11/30/24	11/30/24
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	11/30/24	11/30/24
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	11/30/24	11/30/24
Toluene	ND		ug/Kg	5.0	11/30/24	11/30/24
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	11/30/24	11/30/24
1,1,2-Trichloroethane	ND		ug/Kg	5.0	11/30/24	11/30/24
1,3-Dichloropropane	ND		ug/Kg	5.0	11/30/24	11/30/24
Tetrachloroethene	ND		ug/Kg	5.0	11/30/24	11/30/24
Dibromochloromethane	ND		ug/Kg	5.0	11/30/24	11/30/24
1,2-Dibromoethane	ND		ug/Kg	5.0	11/30/24	11/30/24
Chlorobenzene	ND		ug/Kg	5.0	11/30/24	11/30/24
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	11/30/24	11/30/24
Ethylbenzene	ND		ug/Kg	5.0	11/30/24	11/30/24
m,p-Xylenes	ND		ug/Kg	10	11/30/24	11/30/24
o-Xylene	ND		ug/Kg	5.0	11/30/24	11/30/24
Styrene	ND		ug/Kg	5.0	11/30/24	11/30/24
Bromoform	ND		ug/Kg	5.0	11/30/24	11/30/24
Isopropylbenzene	ND		ug/Kg	5.0	11/30/24	11/30/24
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	11/30/24	11/30/24
1,2,3-Trichloropropane	ND		ug/Kg	5.0	11/30/24	11/30/24

Batch QC

QC1208395 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Propylbenzene	ND		ug/Kg	5.0	11/30/24	11/30/24
Bromobenzene	ND		ug/Kg	5.0	11/30/24	11/30/24
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	11/30/24	11/30/24
2-Chlorotoluene	ND		ug/Kg	5.0	11/30/24	11/30/24
4-Chlorotoluene	ND		ug/Kg	5.0	11/30/24	11/30/24
tert-Butylbenzene	ND		ug/Kg	5.0	11/30/24	11/30/24
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	11/30/24	11/30/24
sec-Butylbenzene	ND		ug/Kg	5.0	11/30/24	11/30/24
para-Isopropyl Toluene	ND		ug/Kg	5.0	11/30/24	11/30/24
1,3-Dichlorobenzene	ND		ug/Kg	5.0	11/30/24	11/30/24
1,4-Dichlorobenzene	ND		ug/Kg	5.0	11/30/24	11/30/24
n-Butylbenzene	ND		ug/Kg	5.0	11/30/24	11/30/24
1,2-Dichlorobenzene	ND		ug/Kg	5.0	11/30/24	11/30/24
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	11/30/24	11/30/24
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	11/30/24	11/30/24
Hexachlorobutadiene	ND		ug/Kg	5.0	11/30/24	11/30/24
Naphthalene	ND		ug/Kg	5.0	11/30/24	11/30/24
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	11/30/24	11/30/24
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	11/30/24	11/30/24
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	11/30/24	11/30/24
Xylene (total)	ND		ug/Kg	5.0	11/30/24	11/30/24
Surrogates	Limits					
Dibromofluoromethane	97%		%REC	70-130	11/30/24	11/30/24
1,2-Dichloroethane-d4	98%		%REC	70-145	11/30/24	11/30/24
Toluene-d8	102%		%REC	70-145	11/30/24	11/30/24
Bromofluorobenzene	96%		%REC	70-145	11/30/24	11/30/24

Type: Matrix Spike	Lab ID: QC1208436	Batch: 356707
Matrix (Source ID): Soil (521233-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1208436 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	43.81	ND	50.00	ug/Kg	88%		70-141	1
MTBE	34.18	ND	50.00	ug/Kg	68%		59-130	1
Benzene	41.53	ND	50.00	ug/Kg	83%		70-130	1
Trichloroethene	40.97	ND	50.00	ug/Kg	82%		69-130	1
Toluene	42.75	ND	50.00	ug/Kg	86%		70-130	1
Chlorobenzene	42.61	ND	50.00	ug/Kg	85%		70-130	1
Surrogates								
Dibromofluoromethane	50.59		50.00	ug/Kg	101%		70-145	1
1,2-Dichloroethane-d4	49.82		50.00	ug/Kg	100%		70-145	1
Toluene-d8	51.43		50.00	ug/Kg	103%		70-145	1
Bromofluorobenzene	50.45		50.00	ug/Kg	101%		70-145	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1208437	Batch: 356707
Matrix (Source ID): Soil (521233-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1208437 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	47.07	ND	50.00	ug/Kg	94%		70-141	7	43	1
MTBE	37.77	ND	50.00	ug/Kg	76%		59-130	10	30	1
Benzene	44.85	ND	50.00	ug/Kg	90%		70-130	8	30	1
Trichloroethene	44.15	ND	50.00	ug/Kg	88%		69-130	7	30	1
Toluene	46.65	ND	50.00	ug/Kg	93%		70-130	9	30	1
Chlorobenzene	46.94	ND	50.00	ug/Kg	94%		70-130	10	30	1
Surrogates										
Dibromofluoromethane	50.42		50.00	ug/Kg	101%		70-145			1
1,2-Dichloroethane-d4	48.54		50.00	ug/Kg	97%		70-145			1
Toluene-d8	51.51		50.00	ug/Kg	103%		70-145			1
Bromofluorobenzene	50.97		50.00	ug/Kg	102%		70-145			1

Batch QC

Type: Blank	Lab ID: QC1208586	Batch: 356757
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1208586 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	12/02/24	12/02/24
Freon 12	ND		ug/Kg	5.0	12/02/24	12/02/24
Chloromethane	ND		ug/Kg	5.0	12/02/24	12/02/24
Vinyl Chloride	ND		ug/Kg	5.0	12/02/24	12/02/24
Bromomethane	ND		ug/Kg	5.0	12/02/24	12/02/24
Chloroethane	ND		ug/Kg	5.0	12/02/24	12/02/24
Trichlorofluoromethane	ND		ug/Kg	5.0	12/02/24	12/02/24
Acetone	ND		ug/Kg	100	12/02/24	12/02/24
Freon 113	ND		ug/Kg	5.0	12/02/24	12/02/24
1,1-Dichloroethene	ND		ug/Kg	5.0	12/02/24	12/02/24
Methylene Chloride	ND		ug/Kg	5.0	12/02/24	12/02/24
MTBE	ND		ug/Kg	5.0	12/02/24	12/02/24
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	12/02/24	12/02/24
1,1-Dichloroethane	ND		ug/Kg	5.0	12/02/24	12/02/24
2-Butanone	ND		ug/Kg	100	12/02/24	12/02/24
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	12/02/24	12/02/24
2,2-Dichloropropane	ND		ug/Kg	5.0	12/02/24	12/02/24
Chloroform	ND		ug/Kg	5.0	12/02/24	12/02/24
Bromochloromethane	ND		ug/Kg	5.0	12/02/24	12/02/24
1,1,1-Trichloroethane	ND		ug/Kg	5.0	12/02/24	12/02/24
1,1-Dichloropropene	ND		ug/Kg	5.0	12/02/24	12/02/24
Carbon Tetrachloride	ND		ug/Kg	5.0	12/02/24	12/02/24
1,2-Dichloroethane	ND		ug/Kg	5.0	12/02/24	12/02/24
Benzene	ND		ug/Kg	5.0	12/02/24	12/02/24
Trichloroethene	ND		ug/Kg	5.0	12/02/24	12/02/24
1,2-Dichloropropane	ND		ug/Kg	5.0	12/02/24	12/02/24
Bromodichloromethane	ND		ug/Kg	5.0	12/02/24	12/02/24
Dibromomethane	ND		ug/Kg	5.0	12/02/24	12/02/24
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	12/02/24	12/02/24
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	12/02/24	12/02/24
Toluene	ND		ug/Kg	5.0	12/02/24	12/02/24
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	12/02/24	12/02/24
1,1,2-Trichloroethane	ND		ug/Kg	5.0	12/02/24	12/02/24
1,3-Dichloropropane	ND		ug/Kg	5.0	12/02/24	12/02/24
Tetrachloroethene	ND		ug/Kg	5.0	12/02/24	12/02/24
Dibromochloromethane	ND		ug/Kg	5.0	12/02/24	12/02/24
1,2-Dibromoethane	ND		ug/Kg	5.0	12/02/24	12/02/24
Chlorobenzene	ND		ug/Kg	5.0	12/02/24	12/02/24
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	12/02/24	12/02/24
Ethylbenzene	ND		ug/Kg	5.0	12/02/24	12/02/24
m,p-Xylenes	ND		ug/Kg	10	12/02/24	12/02/24
o-Xylene	ND		ug/Kg	5.0	12/02/24	12/02/24
Styrene	ND		ug/Kg	5.0	12/02/24	12/02/24
Bromoform	ND		ug/Kg	5.0	12/02/24	12/02/24
Isopropylbenzene	ND		ug/Kg	5.0	12/02/24	12/02/24
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	12/02/24	12/02/24
1,2,3-Trichloropropane	ND		ug/Kg	5.0	12/02/24	12/02/24

Batch QC

QC1208586 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Propylbenzene	ND		ug/Kg	5.0	12/02/24	12/02/24
Bromobenzene	ND		ug/Kg	5.0	12/02/24	12/02/24
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	12/02/24	12/02/24
2-Chlorotoluene	ND		ug/Kg	5.0	12/02/24	12/02/24
4-Chlorotoluene	ND		ug/Kg	5.0	12/02/24	12/02/24
tert-Butylbenzene	ND		ug/Kg	5.0	12/02/24	12/02/24
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	12/02/24	12/02/24
sec-Butylbenzene	ND		ug/Kg	5.0	12/02/24	12/02/24
para-Isopropyl Toluene	ND		ug/Kg	5.0	12/02/24	12/02/24
1,3-Dichlorobenzene	ND		ug/Kg	5.0	12/02/24	12/02/24
1,4-Dichlorobenzene	ND		ug/Kg	5.0	12/02/24	12/02/24
n-Butylbenzene	ND		ug/Kg	5.0	12/02/24	12/02/24
1,2-Dichlorobenzene	ND		ug/Kg	5.0	12/02/24	12/02/24
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	12/02/24	12/02/24
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	12/02/24	12/02/24
Hexachlorobutadiene	ND		ug/Kg	5.0	12/02/24	12/02/24
Naphthalene	ND		ug/Kg	5.0	12/02/24	12/02/24
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	12/02/24	12/02/24
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	12/02/24	12/02/24
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	12/02/24	12/02/24
Xylene (total)	ND		ug/Kg	5.0	12/02/24	12/02/24
Surrogates	Limits					
Dibromofluoromethane	93%		%REC	70-130	12/02/24	12/02/24
1,2-Dichloroethane-d4	96%		%REC	70-145	12/02/24	12/02/24
Toluene-d8	103%		%REC	70-145	12/02/24	12/02/24
Bromofluorobenzene	99%		%REC	70-145	12/02/24	12/02/24

Type: Lab Control Sample
Matrix: Soil

Lab ID: QC1208587
Method: EPA 8260B

Batch: 356757
Prep Method: EPA 5030B

QC1208587 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	45.35	50.00	ug/Kg	91%		70-131
MTBE	39.13	50.00	ug/Kg	78%		69-130
Benzene	44.99	50.00	ug/Kg	90%		70-130
Trichloroethene	45.42	50.00	ug/Kg	91%		70-130
Toluene	47.52	50.00	ug/Kg	95%		70-130
Chlorobenzene	48.36	50.00	ug/Kg	97%		70-130
Surrogates						
Dibromofluoromethane	49.28	50.00	ug/Kg	99%		70-130
1,2-Dichloroethane-d4	47.42	50.00	ug/Kg	95%		70-145
Toluene-d8	52.53	50.00	ug/Kg	105%		70-145
Bromofluorobenzene	50.67	50.00	ug/Kg	101%		70-145

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1208588	Batch: 356757
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1208588 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	43.52	50.00	ug/Kg	87%		70-131	4	33
MTBE	38.44	50.00	ug/Kg	77%		69-130	2	30
Benzene	43.28	50.00	ug/Kg	87%		70-130	4	30
Trichloroethene	43.45	50.00	ug/Kg	87%		70-130	4	30
Toluene	45.01	50.00	ug/Kg	90%		70-130	5	30
Chlorobenzene	46.12	50.00	ug/Kg	92%		70-130	5	30
Surrogates								
Dibromofluoromethane	49.45	50.00	ug/Kg	99%		70-130		
1,2-Dichloroethane-d4	50.86	50.00	ug/Kg	102%		70-145		
Toluene-d8	51.67	50.00	ug/Kg	103%		70-145		
Bromofluorobenzene	50.93	50.00	ug/Kg	102%		70-145		

Batch QC

Type: Blank	Lab ID: QC1208589	Batch: 356757
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1208589 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	250	12/02/24	12/02/24
Freon 12	ND		ug/Kg	250	12/02/24	12/02/24
Chloromethane	ND		ug/Kg	250	12/02/24	12/02/24
Vinyl Chloride	ND		ug/Kg	250	12/02/24	12/02/24
Bromomethane	ND		ug/Kg	250	12/02/24	12/02/24
Chloroethane	ND		ug/Kg	270	12/02/24	12/02/24
Trichlorofluoromethane	ND		ug/Kg	250	12/02/24	12/02/24
Acetone	ND		ug/Kg	5,000	12/02/24	12/02/24
Freon 113	ND		ug/Kg	250	12/02/24	12/02/24
1,1-Dichloroethene	ND		ug/Kg	250	12/02/24	12/02/24
Methylene Chloride	ND		ug/Kg	860	12/02/24	12/02/24
MTBE	ND		ug/Kg	250	12/02/24	12/02/24
trans-1,2-Dichloroethene	ND		ug/Kg	250	12/02/24	12/02/24
1,1-Dichloroethane	ND		ug/Kg	250	12/02/24	12/02/24
2-Butanone	ND		ug/Kg	5,000	12/02/24	12/02/24
cis-1,2-Dichloroethene	ND		ug/Kg	250	12/02/24	12/02/24
2,2-Dichloropropane	ND		ug/Kg	250	12/02/24	12/02/24
Chloroform	ND		ug/Kg	250	12/02/24	12/02/24
Bromochloromethane	ND		ug/Kg	250	12/02/24	12/02/24
1,1,1-Trichloroethane	ND		ug/Kg	250	12/02/24	12/02/24
1,1-Dichloropropene	ND		ug/Kg	250	12/02/24	12/02/24
Carbon Tetrachloride	ND		ug/Kg	250	12/02/24	12/02/24
1,2-Dichloroethane	ND		ug/Kg	250	12/02/24	12/02/24
Benzene	ND		ug/Kg	250	12/02/24	12/02/24
Trichloroethene	ND		ug/Kg	250	12/02/24	12/02/24
1,2-Dichloropropane	ND		ug/Kg	250	12/02/24	12/02/24
Bromodichloromethane	ND		ug/Kg	250	12/02/24	12/02/24
Dibromomethane	ND		ug/Kg	250	12/02/24	12/02/24
4-Methyl-2-Pentanone	ND		ug/Kg	250	12/02/24	12/02/24
cis-1,3-Dichloropropene	ND		ug/Kg	250	12/02/24	12/02/24
Toluene	ND		ug/Kg	250	12/02/24	12/02/24
trans-1,3-Dichloropropene	ND		ug/Kg	250	12/02/24	12/02/24
1,1,2-Trichloroethane	ND		ug/Kg	250	12/02/24	12/02/24
1,3-Dichloropropane	ND		ug/Kg	250	12/02/24	12/02/24
Tetrachloroethene	ND		ug/Kg	250	12/02/24	12/02/24
Dibromochloromethane	ND		ug/Kg	250	12/02/24	12/02/24
1,2-Dibromoethane	ND		ug/Kg	250	12/02/24	12/02/24
Chlorobenzene	ND		ug/Kg	250	12/02/24	12/02/24
1,1,1,2-Tetrachloroethane	ND		ug/Kg	250	12/02/24	12/02/24
Ethylbenzene	ND		ug/Kg	250	12/02/24	12/02/24
m,p-Xylenes	ND		ug/Kg	500	12/02/24	12/02/24
o-Xylene	ND		ug/Kg	250	12/02/24	12/02/24
Styrene	ND		ug/Kg	250	12/02/24	12/02/24
Bromoform	ND		ug/Kg	250	12/02/24	12/02/24
Isopropylbenzene	ND		ug/Kg	250	12/02/24	12/02/24
1,1,2,2-Tetrachloroethane	ND		ug/Kg	250	12/02/24	12/02/24
1,2,3-Trichloropropane	ND		ug/Kg	250	12/02/24	12/02/24

Batch QC

QC1208589 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Propylbenzene	ND		ug/Kg	250	12/02/24	12/02/24
Bromobenzene	ND		ug/Kg	250	12/02/24	12/02/24
1,3,5-Trimethylbenzene	ND		ug/Kg	250	12/02/24	12/02/24
2-Chlorotoluene	ND		ug/Kg	250	12/02/24	12/02/24
4-Chlorotoluene	ND		ug/Kg	250	12/02/24	12/02/24
tert-Butylbenzene	ND		ug/Kg	250	12/02/24	12/02/24
1,2,4-Trimethylbenzene	ND		ug/Kg	250	12/02/24	12/02/24
sec-Butylbenzene	ND		ug/Kg	250	12/02/24	12/02/24
para-Isopropyl Toluene	ND		ug/Kg	250	12/02/24	12/02/24
1,3-Dichlorobenzene	ND		ug/Kg	250	12/02/24	12/02/24
1,4-Dichlorobenzene	ND		ug/Kg	250	12/02/24	12/02/24
n-Butylbenzene	ND		ug/Kg	250	12/02/24	12/02/24
1,2-Dichlorobenzene	ND		ug/Kg	250	12/02/24	12/02/24
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	250	12/02/24	12/02/24
1,2,4-Trichlorobenzene	ND		ug/Kg	250	12/02/24	12/02/24
Hexachlorobutadiene	ND		ug/Kg	250	12/02/24	12/02/24
Naphthalene	ND		ug/Kg	250	12/02/24	12/02/24
1,2,3-Trichlorobenzene	ND		ug/Kg	250	12/02/24	12/02/24
cis-1,4-Dichloro-2-butene	ND		ug/Kg	250	12/02/24	12/02/24
trans-1,4-Dichloro-2-butene	ND		ug/Kg	250	12/02/24	12/02/24
Xylene (total)	ND		ug/Kg	250	12/02/24	12/02/24
Surrogates	Limits					
Dibromofluoromethane	89%		%REC	70-130	12/02/24	12/02/24
1,2-Dichloroethane-d4	97%		%REC	70-145	12/02/24	12/02/24
Toluene-d8	101%		%REC	70-145	12/02/24	12/02/24
Bromofluorobenzene	96%		%REC	70-145	12/02/24	12/02/24

Type: Matrix Spike	Lab ID: QC1208635	Batch: 356757
Matrix (Source ID): Soil (521331-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1208635 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	50.84	ND	50.00	ug/Kg	102%		70-141	1
MTBE	43.44	ND	50.00	ug/Kg	87%		59-130	1
Benzene	48.29	ND	50.00	ug/Kg	97%		70-130	1
Trichloroethene	50.63	ND	50.00	ug/Kg	101%		69-130	1
Toluene	51.62	ND	50.00	ug/Kg	103%		70-130	1
Chlorobenzene	50.96	ND	50.00	ug/Kg	102%		70-130	1
Surrogates								
Dibromofluoromethane	49.71		50.00	ug/Kg	99%		70-145	1
1,2-Dichloroethane-d4	49.65		50.00	ug/Kg	99%		70-145	1
Toluene-d8	53.06		50.00	ug/Kg	106%		70-145	1
Bromofluorobenzene	53.76		50.00	ug/Kg	108%		70-145	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1208636	Batch: 356757
Matrix (Source ID): Soil (521331-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1208636 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	41.25	ND	50.00	ug/Kg	83%		70-141	21	43	1
MTBE	36.63	ND	50.00	ug/Kg	73%		59-130	17	30	1
Benzene	39.31	ND	50.00	ug/Kg	79%		70-130	20	30	1
Trichloroethene	40.59	ND	50.00	ug/Kg	81%		69-130	22	30	1
Toluene	41.54	ND	50.00	ug/Kg	83%		70-130	22	30	1
Chlorobenzene	39.58	ND	50.00	ug/Kg	79%		70-130	25	30	1
Surrogates										
Dibromofluoromethane	49.43		50.00	ug/Kg	99%		70-145			1
1,2-Dichloroethane-d4	48.45		50.00	ug/Kg	97%		70-145			1
Toluene-d8	52.16		50.00	ug/Kg	104%		70-145			1
Bromofluorobenzene	54.35		50.00	ug/Kg	109%		70-145			1

Batch QC

Type: Blank	Lab ID: QC1208643	Batch: 356769
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1208643 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	12/02/24	12/02/24
Freon 12	ND		ug/Kg	5.0	12/02/24	12/02/24
Chloromethane	ND		ug/Kg	5.0	12/02/24	12/02/24
Vinyl Chloride	ND		ug/Kg	5.0	12/02/24	12/02/24
Bromomethane	ND		ug/Kg	5.0	12/02/24	12/02/24
Chloroethane	ND		ug/Kg	5.0	12/02/24	12/02/24
Trichlorofluoromethane	ND		ug/Kg	5.0	12/02/24	12/02/24
Acetone	ND		ug/Kg	100	12/02/24	12/02/24
Freon 113	ND		ug/Kg	5.0	12/02/24	12/02/24
1,1-Dichloroethene	ND		ug/Kg	5.0	12/02/24	12/02/24
Methylene Chloride	ND		ug/Kg	7.3	12/02/24	12/02/24
MTBE	ND		ug/Kg	5.0	12/02/24	12/02/24
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	12/02/24	12/02/24
1,1-Dichloroethane	ND		ug/Kg	5.0	12/02/24	12/02/24
2-Butanone	ND		ug/Kg	100	12/02/24	12/02/24
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	12/02/24	12/02/24
2,2-Dichloropropane	ND		ug/Kg	5.0	12/02/24	12/02/24
Chloroform	ND		ug/Kg	5.0	12/02/24	12/02/24
Bromochloromethane	ND		ug/Kg	5.0	12/02/24	12/02/24
1,1,1-Trichloroethane	ND		ug/Kg	5.0	12/02/24	12/02/24
1,1-Dichloropropene	ND		ug/Kg	5.0	12/02/24	12/02/24
Carbon Tetrachloride	ND		ug/Kg	5.0	12/02/24	12/02/24
1,2-Dichloroethane	ND		ug/Kg	5.0	12/02/24	12/02/24
Benzene	ND		ug/Kg	5.0	12/02/24	12/02/24
Trichloroethene	ND		ug/Kg	5.0	12/02/24	12/02/24
1,2-Dichloropropane	ND		ug/Kg	5.0	12/02/24	12/02/24
Bromodichloromethane	ND		ug/Kg	5.0	12/02/24	12/02/24
Dibromomethane	ND		ug/Kg	5.0	12/02/24	12/02/24
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	12/02/24	12/02/24
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	12/02/24	12/02/24
Toluene	ND		ug/Kg	5.0	12/02/24	12/02/24
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	12/02/24	12/02/24
1,1,2-Trichloroethane	ND		ug/Kg	5.0	12/02/24	12/02/24
1,3-Dichloropropane	ND		ug/Kg	5.0	12/02/24	12/02/24
Tetrachloroethene	ND		ug/Kg	5.0	12/02/24	12/02/24
Dibromochloromethane	ND		ug/Kg	5.0	12/02/24	12/02/24
1,2-Dibromoethane	ND		ug/Kg	5.0	12/02/24	12/02/24
Chlorobenzene	ND		ug/Kg	5.0	12/02/24	12/02/24
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	12/02/24	12/02/24
Ethylbenzene	ND		ug/Kg	5.0	12/02/24	12/02/24
m,p-Xylenes	ND		ug/Kg	10	12/02/24	12/02/24
o-Xylene	ND		ug/Kg	5.0	12/02/24	12/02/24
Styrene	ND		ug/Kg	5.0	12/02/24	12/02/24
Bromoform	ND		ug/Kg	5.0	12/02/24	12/02/24
Isopropylbenzene	ND		ug/Kg	5.0	12/02/24	12/02/24
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	12/02/24	12/02/24
1,2,3-Trichloropropane	ND		ug/Kg	5.0	12/02/24	12/02/24

Batch QC

QC1208643 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Propylbenzene	ND		ug/Kg	5.0	12/02/24	12/02/24
Bromobenzene	ND		ug/Kg	5.0	12/02/24	12/02/24
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	12/02/24	12/02/24
2-Chlorotoluene	ND		ug/Kg	5.0	12/02/24	12/02/24
4-Chlorotoluene	ND		ug/Kg	5.0	12/02/24	12/02/24
tert-Butylbenzene	ND		ug/Kg	5.0	12/02/24	12/02/24
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	12/02/24	12/02/24
sec-Butylbenzene	ND		ug/Kg	5.0	12/02/24	12/02/24
para-Isopropyl Toluene	ND		ug/Kg	5.0	12/02/24	12/02/24
1,3-Dichlorobenzene	ND		ug/Kg	5.0	12/02/24	12/02/24
1,4-Dichlorobenzene	ND		ug/Kg	5.0	12/02/24	12/02/24
n-Butylbenzene	ND		ug/Kg	5.0	12/02/24	12/02/24
1,2-Dichlorobenzene	ND		ug/Kg	5.0	12/02/24	12/02/24
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	12/02/24	12/02/24
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	12/02/24	12/02/24
Hexachlorobutadiene	ND		ug/Kg	5.0	12/02/24	12/02/24
Naphthalene	ND		ug/Kg	5.0	12/02/24	12/02/24
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	12/02/24	12/02/24
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	12/02/24	12/02/24
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	12/02/24	12/02/24
Xylene (total)	ND		ug/Kg	5.0	12/02/24	12/02/24
Surrogates	Limits					
Dibromofluoromethane	140%	*	%REC	70-130	12/02/24	12/02/24
1,2-Dichloroethane-d4	130%		%REC	70-145	12/02/24	12/02/24
Toluene-d8	96%		%REC	70-145	12/02/24	12/02/24
Bromofluorobenzene	97%		%REC	70-145	12/02/24	12/02/24

Type: Lab Control Sample
Matrix: Soil

Lab ID: QC1208644
Method: EPA 8260B

Batch: 356769
Prep Method: EPA 5030B

QC1208644 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	45.50	50.00	ug/Kg	91%		70-131
MTBE	44.71	50.00	ug/Kg	89%		69-130
Benzene	46.97	50.00	ug/Kg	94%		70-130
Trichloroethene	54.23	50.00	ug/Kg	108%		70-130
Toluene	56.11	50.00	ug/Kg	112%		70-130
Chlorobenzene	56.80	50.00	ug/Kg	114%		70-130
Surrogates						
Dibromofluoromethane	44.11	50.00	ug/Kg	88%		70-130
1,2-Dichloroethane-d4	43.52	50.00	ug/Kg	87%		70-145
Toluene-d8	49.43	50.00	ug/Kg	99%		70-145
Bromofluorobenzene	55.23	50.00	ug/Kg	110%		70-145

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1208645	Batch: 356769
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1208645 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	37.21	50.00	ug/Kg	74%		70-131	20	33
MTBE	37.51	50.00	ug/Kg	75%		69-130	18	30
Benzene	46.71	50.00	ug/Kg	93%		70-130	1	30
Trichloroethene	47.31	50.00	ug/Kg	95%		70-130	14	30
Toluene	48.22	50.00	ug/Kg	96%		70-130	15	30
Chlorobenzene	48.13	50.00	ug/Kg	96%		70-130	17	30
Surrogates								
Dibromofluoromethane	45.96	50.00	ug/Kg	92%		70-130		
1,2-Dichloroethane-d4	42.10	50.00	ug/Kg	84%		70-145		
Toluene-d8	48.64	50.00	ug/Kg	97%		70-145		
Bromofluorobenzene	51.88	50.00	ug/Kg	104%		70-145		

Type: Matrix Spike	Lab ID: QC1208679	Batch: 356769
Matrix (Source ID): Soil (520996-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1208679 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	23.46	ND	29.90	ug/Kg	78%		70-141	0.6
MTBE	26.71	ND	29.90	ug/Kg	89%		59-130	0.6
Benzene	23.07	ND	29.90	ug/Kg	77%		70-130	0.6
Trichloroethene	38.25	ND	29.90	ug/Kg	128%		69-130	0.6
Toluene	29.02	ND	29.90	ug/Kg	97%		70-130	0.6
Chlorobenzene	29.90	ND	29.90	ug/Kg	100%		70-130	0.6
Surrogates								
Dibromofluoromethane	25.44		29.90	ug/Kg	85%		70-145	0.6
1,2-Dichloroethane-d4	24.84		29.90	ug/Kg	83%		70-145	0.6
Toluene-d8	28.87		29.90	ug/Kg	97%		70-145	0.6
Bromofluorobenzene	30.55		29.90	ug/Kg	102%		70-145	0.6

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1208680	Batch: 356769
Matrix (Source ID): Soil (520996-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1208680 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	6.979	ND	29.87	ug/Kg	23%	*	70-141	108*	43	0.6
MTBE	7.005	ND	29.87	ug/Kg	23%	*	59-130	117*	30	0.6
Benzene	8.293	ND	29.87	ug/Kg	28%	*	70-130	94*	30	0.6
Trichloroethene	8.369	ND	29.87	ug/Kg	28%	*	69-130	128*	30	0.6
Toluene	8.440	ND	29.87	ug/Kg	28%	*	70-130	110*	30	0.6
Chlorobenzene	8.291	ND	29.87	ug/Kg	28%	*	70-130	113*	30	0.6
Surrogates										
Dibromofluoromethane	25.74		29.87	ug/Kg	86%		70-145			0.6
1,2-Dichloroethane-d4	24.73		29.87	ug/Kg	83%		70-145			0.6
Toluene-d8	27.96		29.87	ug/Kg	94%		70-145			0.6
Bromofluorobenzene	29.13		29.87	ug/Kg	98%		70-145			0.6

Type: Matrix Spike	Lab ID: QC1208693	Batch: 356769
Matrix (Source ID): Soil (520996-002)	Method: EPA 8260B	Prep Method: EPA 5035

QC1208693 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	21.98	ND	29.76	ug/Kg	74%		70-141	0.6
MTBE	23.17	ND	29.76	ug/Kg	78%		59-130	0.6
Benzene	28.14	ND	29.76	ug/Kg	95%		70-130	0.6
Trichloroethene	28.23	ND	29.76	ug/Kg	95%		69-130	0.6
Toluene	29.18	ND	29.76	ug/Kg	98%		70-130	0.6
Chlorobenzene	30.38	ND	29.76	ug/Kg	102%		70-130	0.6
Surrogates								
Dibromofluoromethane	22.95		29.76	ug/Kg	77%		70-145	0.6
1,2-Dichloroethane-d4	24.34		29.76	ug/Kg	82%		70-145	0.6
Toluene-d8	28.18		29.76	ug/Kg	95%		70-145	0.6
Bromofluorobenzene	37.98		29.76	ug/Kg	128%		70-145	0.6

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1208694	Batch: 356769
Matrix (Source ID): Soil (520996-002)	Method: EPA 8260B	Prep Method: EPA 5035

QC1208694 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	24.19	ND	34.48	ug/Kg	70%		70-141	5	43	0.69
MTBE	27.40	ND	34.48	ug/Kg	79%		59-130	2	30	0.69
Benzene	26.97	ND	34.48	ug/Kg	78%		70-130	19	30	0.69
Trichloroethene	25.96	ND	34.48	ug/Kg	75%		69-130	23	30	0.69
Toluene	26.39	ND	34.48	ug/Kg	77%		70-130	25	30	0.69
Chlorobenzene	27.72	ND	34.48	ug/Kg	80%		70-130	24	30	0.69
Surrogates										
Dibromofluoromethane	32.95		34.48	ug/Kg	96%		70-145			0.69
1,2-Dichloroethane-d4	32.48		34.48	ug/Kg	94%		70-145			0.69
Toluene-d8	32.46		34.48	ug/Kg	94%		70-145			0.69
Bromofluorobenzene	34.08		34.48	ug/Kg	99%		70-145			0.69

Type: Blank	Lab ID: QC1208479	Batch: 356728
Matrix: Soil	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1208479 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1-Methylnaphthalene	ND		ug/Kg	10	11/30/24	12/01/24
2-Methylnaphthalene	ND		ug/Kg	10	11/30/24	12/01/24
Naphthalene	ND		ug/Kg	10	11/30/24	12/01/24
Acenaphthylene	ND		ug/Kg	10	11/30/24	12/01/24
Acenaphthene	ND		ug/Kg	10	11/30/24	12/01/24
Fluorene	ND		ug/Kg	10	11/30/24	12/01/24
Phenanthrene	ND		ug/Kg	10	11/30/24	12/01/24
Anthracene	ND		ug/Kg	10	11/30/24	12/01/24
Fluoranthene	ND		ug/Kg	10	11/30/24	12/01/24
Pyrene	ND		ug/Kg	10	11/30/24	12/01/24
Benzo(a)anthracene	ND		ug/Kg	10	11/30/24	12/01/24
Chrysene	ND		ug/Kg	10	11/30/24	12/01/24
Benzo(b)fluoranthene	ND		ug/Kg	10	11/30/24	12/01/24
Benzo(k)fluoranthene	ND		ug/Kg	10	11/30/24	12/01/24
Benzo(a)pyrene	ND		ug/Kg	10	11/30/24	12/01/24
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	11/30/24	12/01/24
Dibenz(a,h)anthracene	ND		ug/Kg	10	11/30/24	12/01/24
Benzo(g,h,i)perylene	ND		ug/Kg	10	11/30/24	12/01/24
Surrogates				Limits		
Nitrobenzene-d5	101%		%REC	27-125	11/30/24	12/01/24
2-Fluorobiphenyl	85%		%REC	30-120	11/30/24	12/01/24
Terphenyl-d14	96%		%REC	33-155	11/30/24	12/01/24

Batch QC

Type: Lab Control Sample	Lab ID: QC1208480	Batch: 356728
Matrix: Soil	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1208480 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1-Methylnaphthalene	174.6	202.0	ug/Kg	86%		28-130
2-Methylnaphthalene	185.1	202.0	ug/Kg	92%		33-130
Naphthalene	178.1	202.0	ug/Kg	88%		25-130
Acenaphthylene	171.5	202.0	ug/Kg	85%		28-130
Acenaphthene	169.5	202.0	ug/Kg	84%		32-130
Fluorene	175.1	202.0	ug/Kg	87%		35-130
Phenanthrene	172.8	202.0	ug/Kg	86%		35-132
Anthracene	172.9	202.0	ug/Kg	86%		34-136
Fluoranthene	167.9	202.0	ug/Kg	83%		34-139
Pyrene	167.0	202.0	ug/Kg	83%		35-134
Benzo(a)anthracene	187.8	202.0	ug/Kg	93%		30-132
Chrysene	176.5	202.0	ug/Kg	87%		29-130
Benzo(b)fluoranthene	177.5	202.0	ug/Kg	88%		32-137
Benzo(k)fluoranthene	175.6	202.0	ug/Kg	87%		32-130
Benzo(a)pyrene	177.6	202.0	ug/Kg	88%		10-138
Indeno(1,2,3-cd)pyrene	194.1	202.0	ug/Kg	96%		34-132
Dibenz(a,h)anthracene	204.2	202.0	ug/Kg	101%		32-130
Benzo(g,h,i)perylene	180.5	202.0	ug/Kg	89%		27-130
Surrogates						
Nitrobenzene-d5	204.5	202.0	ug/Kg	101%		27-125
2-Fluorobiphenyl	181.2	202.0	ug/Kg	90%		30-120
Terphenyl-d14	191.4	202.0	ug/Kg	95%		33-155

Batch QC

Type: Matrix Spike	Lab ID: QC1208481	Batch: 356728
Matrix (Source ID): Soil (521233-001)	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1208481 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1-Methylnaphthalene	183.6	ND	199.0	ug/Kg	92%		25-130	10
2-Methylnaphthalene	192.3	ND	199.0	ug/Kg	97%		32-133	10
Naphthalene	189.3	ND	199.0	ug/Kg	95%		33-130	10
Acenaphthylene	179.9	ND	199.0	ug/Kg	90%		14-157	10
Acenaphthene	188.4	ND	199.0	ug/Kg	95%		28-134	10
Fluorene	189.0	ND	199.0	ug/Kg	95%		27-140	10
Phenanthrene	201.0	ND	199.0	ug/Kg	101%		29-147	10
Anthracene	203.4	ND	199.0	ug/Kg	102%		24-156	10
Fluoranthene	234.3	ND	199.0	ug/Kg	118%		28-160	10
Pyrene	234.1	ND	199.0	ug/Kg	118%		26-153	10
Benzo(a)anthracene	230.7	ND	199.0	ug/Kg	116%		26-174	10
Chrysene	228.8	ND	199.0	ug/Kg	115%		40-139	10
Benzo(b)fluoranthene	210.1	14.42	199.0	ug/Kg	98%		36-164	10
Benzo(k)fluoranthene	207.1	ND	199.0	ug/Kg	104%		36-161	10
Benzo(a)pyrene	223.0	ND	199.0	ug/Kg	112%		18-173	10
Indeno(1,2,3-cd)pyrene	216.1	ND	199.0	ug/Kg	109%		26-154	10
Dibenz(a,h)anthracene	209.6	ND	199.0	ug/Kg	105%		38-132	10
Benzo(g,h,i)perylene	209.5	ND	199.0	ug/Kg	105%		36-130	10
Surrogates								
Nitrobenzene-d5	207.8		199.0	ug/Kg	104%		27-125	10
2-Fluorobiphenyl	189.9		199.0	ug/Kg	95%		30-120	10
Terphenyl-d14	217.0		199.0	ug/Kg	109%		33-155	10

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1208482	Batch: 356728
Matrix (Source ID): Soil (521233-001)	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1208482 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1-Methylnaphthalene	162.9	ND	198.0	ug/Kg	82%		25-130	11	35	9.9
2-Methylnaphthalene	171.4	ND	198.0	ug/Kg	87%		32-133	11	35	9.9
Naphthalene	169.7	ND	198.0	ug/Kg	86%		33-130	10	35	9.9
Acenaphthylene	158.2	ND	198.0	ug/Kg	80%		14-157	12	35	9.9
Acenaphthene	162.6	ND	198.0	ug/Kg	82%		28-134	14	35	9.9
Fluorene	164.0	ND	198.0	ug/Kg	83%		27-140	14	35	9.9
Phenanthrene	162.1	ND	198.0	ug/Kg	82%		29-147	21	35	9.9
Anthracene	174.7	ND	198.0	ug/Kg	88%		24-156	15	35	9.9
Fluoranthene	175.2	ND	198.0	ug/Kg	88%		28-160	28	35	9.9
Pyrene	173.0	ND	198.0	ug/Kg	87%		26-153	30	35	9.9
Benzo(a)anthracene	180.6	ND	198.0	ug/Kg	91%		26-174	24	35	9.9
Chrysene	179.1	ND	198.0	ug/Kg	90%		40-139	24	35	9.9
Benzo(b)fluoranthene	169.6	14.42	198.0	ug/Kg	78%		36-164	21	35	9.9
Benzo(k)fluoranthene	169.3	ND	198.0	ug/Kg	85%		36-161	20	35	9.9
Benzo(a)pyrene	162.7	ND	198.0	ug/Kg	82%		18-173	31	35	9.9
Indeno(1,2,3-cd)pyrene	173.7	ND	198.0	ug/Kg	88%		26-154	21	35	9.9
Dibenz(a,h)anthracene	179.8	ND	198.0	ug/Kg	91%		38-132	15	35	9.9
Benzo(g,h,i)perylene	169.1	ND	198.0	ug/Kg	85%		36-130	21	35	9.9
Surrogates										
Nitrobenzene-d5	182.1		198.0	ug/Kg	92%		27-125			9.9
2-Fluorobiphenyl	169.3		198.0	ug/Kg	85%		30-120			9.9
Terphenyl-d14	180.6		198.0	ug/Kg	91%		33-155			9.9

CCV drift outside limits; average CCV drift within limits per method requirements

* Value is outside QC limits

ND Not Detected

Laboratory Job Number 521233

Subcontracted Products

AmeriSci



Please Reply To:

AmeriSci Los Angeles

24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

LABORATORY ELECTRONIC TRANSMITTAL

To: Project Manager
Enthalpy Analytical

Fax #:

From: Lateef McIntosh
AmeriSci Job #: 924121006
Subject: PLM-Bulk-Qualitative 5 day Resul
Client Project: EO-521233

Email: incomingreports@enthalpy.com, Patty.mata@enthalpy.com

Date: Thursday, December 5, 2024

Time: 14:22:09

Comments:

Number of Pages: _____
(including cover sheet)

NOTE: Attached report is to be considered preliminary until final review with accompanying analysis summary letter is issued.

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PLM Bulk Asbestos Report

Enthalpy Analytical
Attn: Project Manager
931 W. Barkley Ave.

Date Received 12/02/24
Date Examined 12/05/24

AmeriSci Job # 924121006
P.O. #
Page 1 of 3

RE: EO-521233

Orange, CA 92868

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
521233-001 Location: PS2-1' Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA 100%	924121006-01	No	NVA by Lateef McIntosh on 12/05/24
521233-002 Location: PS2-5' Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA 100%	924121006-02	No	NVA by Lateef McIntosh on 12/05/24
521233-003 Location: PS2-10' Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA 100%	924121006-03	No	NVA by Lateef McIntosh on 12/05/24
521233-004 Location: PS2-15' Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA 100%	924121006-04	No	NVA by Lateef McIntosh on 12/05/24
521233-005 Location: PS3-1' Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA 100%	924121006-05	No	NVA by Lateef McIntosh on 12/05/24

See Reporting notes on last page

PLM Bulk Asbestos Report

EO-521233

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
521233-006 Location: PS3-5' Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA 100%	924121006-06	No	NVA by Lateef McIntosh on 12/05/24
521233-007 Location: PS3-10' Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA 100%	924121006-07	No	NVA by Lateef McIntosh on 12/05/24
521233-008 Location: PS3-15' Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA 100%	924121006-08	No	NVA by Lateef McIntosh on 12/05/24
521233-009 Location: VP10-1' Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA 100%	924121006-09	No	NVA by Lateef McIntosh on 12/05/24
521233-010 Location: VP10-5' Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA 100%	924121006-10	No	NVA by Lateef McIntosh on 12/05/24
521233-011 Location: VP10-10' Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA 100%	924121006-11	No	NVA by Lateef McIntosh on 12/05/24

See Reporting notes on last page

Client Name: Enthalpy Analytical

PLM Bulk Asbestos Report

EO-521233

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
521233-012	924121006-12	No	NVA
Location: VP10-15'			by Lateef McIntosh on 12/05/24
Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil			
Asbestos Types:			
Other Material: NVA 100%			

Reporting Notes:

Analyzed by: Lateef McIntosh

Date: 12/5/2024

Reviewed by: Lateef McIntosh

*NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; NVA = No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/R-93/116, including requirements for EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.



ENTHALPY

Enthalpy Analytical - Orange
Orange, CA 92868
(714) 771-6900 / Fax: (510) 486-0532

Subcontract Laboratory:

AmeriSci
24416 S. Main Street
Suite 308
Carson, CA 90745
ATTN: Sample Control
PO #: Required, to be sent via email

Enthalpy Order: EO-521233

PM: Patty Mata
Email: patty.mata@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

924121006

Results Due: Standard
TAT

Report Level: II
Report To: RL
EDDs:

Notes:

Need asbestos P/A tests

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
PS2-1'	25-NOV-2024 10:00	521233-001	1	Soil	Asbestos by PLM	
PS2-5'	25-NOV-2024 10:15	521233-002	1	Soil	Asbestos by PLM	
PS2-10'	25-NOV-2024 10:25	521233-003	1	Soil	Asbestos by PLM	
PS2-15'	25-NOV-2024 10:45	521233-004	1	Soil	Asbestos by PLM	
PS3-1'	25-NOV-2024 09:15	521233-005	1	Soil	Asbestos by PLM	
PS3-5'	25-NOV-2024 09:25	521233-006	1	Soil	Asbestos by PLM	
PS3-10'	25-NOV-2024 09:35	521233-007	1	Soil	Asbestos by PLM	
PS3-15'	25-NOV-2024 09:45	521233-008	1	Soil	Asbestos by PLM	
VP10-1'	25-NOV-2024 08:30	521233-009	1	Soil	Asbestos by PLM	
VP10-5'	25-NOV-2024 08:40	521233-010	1	Soil	Asbestos by PLM	
VP10-10'	25-NOV-2024 08:50	521233-011	1	Soil	Asbestos by PLM	
VP10-15'	25-NOV-2024 09:00	521233-012	1	Soil	Asbestos by PLM	

Notes:

Relinquished By:

Received By:

Date:

Date:

Date:

Date:

Date:

Date:

APPENDIX B

SOIL BORING LOGS

Date Started/Completed: 06/17/24 / 06/17/24 Logged by: C. Harris

Total Depth (ft) 3ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					Soil Cap		
1	DL1-1				(SM) Silty san, dry with small grain sand, small-medium gravel		10YR4/3
2							
3	DL1-3						
4							
5							
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20							

Date Started/Completed: 06/17/24 / 06/17/24 Logged by: C. Harris

Total Depth (ft) 3ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					Soil Cap		
1	DL2-1				(SM) Silty sand, dry with small grain sand, small-medium gravel		5YR4/4
2							
3	DL2-3				Clayey sand (SC) some fine, no coarse grains, low plas.		10YR3/3
4							
5							
6							
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16							
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18							
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20							

Date Started/Completed: 06/14/24 / 06/14/24 Logged by: C. Harris

Total Depth (ft) 3ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					4" Concret Cap		
1	DL3-1				(SM) Silty sand, fine grain, dry, small gravel		
2							
3	DL3-3				(SC) Clayey sand-small to medium grain sand, no plas.		
4							
5							
6							
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14							
15							
16							
17							
18							
19							
20							

Date Started/Completed: 06/13/24 / 06/13/24 Logged by: R. Adams

Total Depth (ft) 3ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					8" Concret slab		
1	DL4-1				Clay (CL) little to no sand, low plas. Slightly moist		10YR4/4
2							
3	DL4-3						
4							
5							
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13							
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15							
16							
17							
18							
19							
20							

Date Started/Completed: 06/13/24 / 06/13/24 Logged by: R. Adams

Total Depth (ft) 3ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					4" Concret slab		
1	DL5-1				Sand (SC) Silty sand, poorly sorted-gap sorted, little to no plas.		10YR5/6
2							
3	DL5-3						
4							
5							
6							
7							
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20							

Date Started/Completed: 06/14/24 / 06/14/24 Logged by: C. Harris

Total Depth (ft) 3ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					4" Concret slab		
1	DL6-1				(SM) Silty sand, fine grain, dry, small gravel		10YR7/6
2							
3	DL6-3				(SC) Clayey sand-small to medium grain sand no plas.		10YR4/4
4							
5							
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20							

Date Started/Completed: 06/14/24 / 06/14/24 Logged by: C. Harris

Total Depth (ft) 3ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					4" Concret slab		
1	DL7-1				(SM) Silty sand, fine grain, dry, small gravel		10YR7/6
2							
3	DL7-3				(SC) Clayey sand-small to medium grain sand no plas.		10YR4/4
4							
5							
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Date Started/Completed: 06/13/24 / 06/13/24 Logged by: R. Adams

Total Depth (ft) 3ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					4" Concret pad		
1	DL8-1				Silty sand, (SM), well graded sand, no cohesion		10YR5/3
2							
3	DL8-3				Silty Clay (ML) poorly graded low plas., some coarse sand, mostly fines		10YR4/4
4							
5							
6							
7							
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11							
12							
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18							
19							
20							

Date Started/Completed: 06/13/24 / 06/13/24 Logged by: R. Adams

Total Depth (ft) 3ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					4" Concret pad		
1	DL9-1				Silty sand, (SM), well graded sand, no cohesion, some silt throughout		10YR6/5
2							
3	DL9-3						
4							
5							
6							
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20							

Date Started/Completed: 06/13/24 / 06/13/24 Logged by: R. Adams

Total Depth (ft) 3ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					No concrete/ asphalt		
1	DL10-1				Silt (ML), silt with Clay, low plas. Moist some red brick throhout		10YR6/5
2							
3	DL10-3						
4							
5							
6							
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19							
20							

Date Started/Completed: 06/14/24 / 06/14/24 Logged by: C. Harris

Total Depth (ft) 3ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0							
1	DL11-1				(SM) sandy silt- dry, losse fine grain sands w/minimal small-medium gravel		10YR7/6 No odor
2							
3	DL11-3				(SM) sandy silt-dry medium grain sand		10YR3/2 No odor
4							
5							
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20							

Date Started/Completed: 06/13/24 / 06/13/24 Logged by: R. Adams

Total Depth (ft) 3ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					4" Concrete Pad		
1	DL12-1				Silty San (SM) w/trace coarse sand, noncohesive, dry		5YR5/6
2							
3	DL12-3				Silty Sand (ML) mostly silt w/some clay low plas. Some cohesion		10YR3/2
4							
5							
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20							

Date Started/Completed: 06/13/24 / 06/13/24 Logged by: C. Harris

Total Depth (ft) 3ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					Dirt Cap		
1	DL13-1				(SM) Silty sand dry, lots of tree roots		10YR4/4
2							
3	DL13-3				(SC) Clayey sands		
4							
5							
6							
7							
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18							
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20							

Date Started/Completed: 06/13/24 / 06/13/24 Logged by: C. Harris

Total Depth (ft) 3ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					5" Concrete Core		
1	DL14-1				(SM) Silty sand dry, fine grain		10YR5/3
2							
3	DL14-3				(SC) Clayey sand-low plas., small-medium gravel		10YR4/2
4							
5							
6							
7							
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12							
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14							
15							
16							
17							
18							
19							
20							

Date Started/Completed:	/	Logged by:	C. Harris
Total Depth (ft)	3ft	Water Depth (ft):	Northing:
Drilling Contr.:	Environmental	Hayen Morey	Easting:
Drill Rig:	Hand Auger	Ground Elev.:	

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					Refusal		
1							
2							
3							
4							
5							
6							
7							
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18							
19							
20							

Date Started/Completed: 06/14/24 / 06/14/24 Logged by: C. Harris

Total Depth (ft) 3ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					4" Concrete Core		
1	DL16-1				(SW) Well graded sand with fine-medium grain, minimal gravel dry		10YR5/4
2							
3	DL16-3				(SC) Clayey Sand no plas., dry small-medium gravel		10YR3/4
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
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18							
19							
20							

Date Started/Completed: 06/14/24 / 06/14/24 Logged by: C. Harris

Total Depth (ft) 3ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					4" Concrete Core		
1	DL17-1				(SW) Well graded sand with small-medium grain, minimal gravel dry		10YR6/4
2							
3	DL17-3				(SC) Sandy Clay medium fine grain sand, no plas. Dry		10YR4/4
4							
5							
6							
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13							
14							
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16							
17							
18							
19							
20							

Date Started/Completed: 06/14/24 / 06/14/24 Logged by: C. Harris

Total Depth (ft) 3ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					Soil Top		
1	DL18-1				(SW) Well graded sand with grain gravel, dry		10YR6/6
2							
3	DL18-3						
4							
5							
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20							

Date Started/Completed: 06/14/24 / 06/14/24 Logged by: C. Harris

Total Depth (ft) 3ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					4" Asphalt Core		
1	DL19-1				(SC) Clayey sand, minimal moisture, medium grain sand,		10YR6/6
2					(SM) Silty sand, fine silt		Chunks of Brick
3	DL19-3				6" layer dry		10YR 6/3
4					(SC) Clayey sand, minimal moisture, medium grain sand		10YR3/3
5							
6							
7							
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17							
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Date Started/Completed: 06/13/24 / 06/13/24 Logged by: R. Adams

Total Depth (ft) 3ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					3.5" Concrete Slab		
1	DL20-1				Silty Sand (SM) well graded w/ some coarse sand, no gravel, some fines, dry		5YR4/3
2							
3	DL20-3						
4							
5							
6							
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Date Started/Completed: 06/13/24 / 06/13/24 Logged by: R. Adams

Total Depth (ft) 3ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					4" Concrete Slab		
1	DL21-1				Silty Sand (SM) well graded w/ some coarse sand, dry		5YR4/3
2					Silt (ML) well graded w/ some coarse sand, mostly silt, incohesive, wet, low. Plas		10YR3/2
3	DL21-3						
4							
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Date Started/Completed: 06/13/24 / 06/13/24 Logged by: R. Adams

Total Depth (ft) 15ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger/ Direct Push Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					8" Concrete Slab		
1	PS5-1				Sand (SW) well graded sand, moist, little to no fines		10YR5/6
2							
3							
4					Clay (CL) some coarse sand, mostly clay, low plas., moist		10YR3/3
5	PS5-5						
6							
7					Sand (SW) well graded sand, moist, little to no fines		10YR5/6
8							
9							
10	PS5-10						
11							
12					Clay (CL) some coarse sand, mostly clay, low plas., moist		10YR3/3
13							
14							
15	PS5-15						
16							
17							
18							
19							
20							

Date Started/Completed: 06/13/24 / 06/13/24 Logged by: R. Adams

Total Depth (ft) 5ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger/ Direct Push Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					4" Asphalt		
1	SB1-1				Silty CLAY (ML) trace fine sands, mostly silty clay, low plas., trace coas sand throughout (10YR2/2)		
2							
3	SB1-3						
4							
5	SB1-5						
6							
7							
8							
9							
10							
11							
12							
13							
14							
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16							
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20							

Date Started/Completed: 06/13/24 / 06/13/24 Logged by: R. Adams

Total Depth (ft) 5ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger/ Direct Push Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					4" Asphalt		
1	SB2-1				SAND (SW) well graded sabd, some coarse sand, little fines (10YR5/6)		
2							
3	SB2-3				Clay SAND (SC) some coarse to med. sand, no-low plas., dry (10YR3/2)		
4							
5	SB2-5						
6							
7							
8							
9							
10							
11							
12							
13							
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Date Started/Completed: 06/13/24 / 06/13/24 Logged by: R. Adams

Total Depth (ft) 5ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger/ Direct Push Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					8" Asphalt		
1	SB3-1				Silty CLAY (ML) trace fine sands, mostly silty clay, low plas., trace coas sand throughout (10YR3/3)		
2							
3	SB3-3						
4							
5	SB-5						
6							
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Date Started/Completed: 06/13/24 / 06/13/24 Logged by: R. Adams

Total Depth (ft) 5ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger/ Direct Push Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					8" Asphalt		
1	SB4-1				CLAY (ML) trace fine sands, mostly silty clay, low-med. plas., some ribboning(10YR3/3)		
2							
3	SB4-3						
4							
5	SB4-5						
6							
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Date Started/Completed: 06/14/24 / 06/14/24 Logged by: C. Harris

Total Depth (ft) 5ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger/ Direct Push Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					6" Asphalt Core		
1	SB5-1				(SM) Silty Sands, dry, coarse		10YR6/7
2					(SC) Sandy Clay, non plas.		No stains or Odor 10YR3/3
3	SB5-3				(SC) Sandy Clay, additonal fines, minimal moisture		10YR2/2
4					At 4' we hit a void and top of storm drain		
5							
6							
7							
8							
9							
10							
11							
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Date Started/Completed: 06/14/24 / 06/14/24 Logged by: C. Harris

Total Depth (ft) 5ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger/ Direct Push Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					6" Asphalt Core		
1	SB6-1				(SM) Silty Sands, minimal moisture		10YR6/7 No stains or Odor
2					(SC) Sandy Clay, non plas. Additional moisture		10YR3/3
3	SB6-3				(SC) Sandy Clay, medium grain size		10YR2/2
4							
5	SB6-5						
6							
7							
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Date Started/Completed: 06/14/24 / 06/14/24 Logged by: C. Harris

Total Depth (ft) 5ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger/ Direct Push Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					3" Asphalt Core		
1	SB7-1				(SC)-Sandy Clay, Dry, no plas., med. grain sand with some silt		10YR3/3
2					(SM) Silty sand, dry, fine grain		10YR6/4
3	SB7-3				(SC) Sandy Clay, minimal moisture, plas.		10YR6/2
4							
5	SB7-5						
6							
7							
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Date Started/Completed: 06/14/24 / 06/14/24 Logged by: C. Harris

Total Depth (ft) 5ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger/ Direct Push Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					3" Asphalt Core		
1	SB8-1				(SC)-Sandy Clay, Dry, no plas., med. grain sand		10YR3/3
2							
3	SB8-3				Clay (CL) mostly med. plas., clay, moist-wet, trace med. grain sand, high cohesion		10YR3/1
4							
5	SB8-5						
6							
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Date Started/Completed: 06/14/24 / 06/14/24 Logged by: C. Harris

Total Depth (ft) 5ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger/ Direct Push Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					3" Asphalt Core		
1	SB9-1				(SC)-Sandy Clay, fine grain sand, low plas.		10YR3/3
2							Chunk of Brick
3	SB9-3				(SC) Sandy Clay, med-low grain, no plas.		10YR5/6
4							
5	SB9-5						
6							
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Date Started/Completed: 06/14/24 / 06/14/24 Logged by: C. Harris

Total Depth (ft) 5ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger/ Direct Push Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					3" Asphalt Core		
1	SB10-1				(SC)-Clayey sand, minimal moisture, low plas., medium grain sand		10YR3/2
2							
3	SB10-3						
4							
5	SB10-5						
6							
7							
8							
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10							
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12							
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Date Started/Completed: 06/14/24 / 06/14/24 Logged by: C. Harris

Total Depth (ft) 5ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger/ Direct Push Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					3" Asphalt Cap		
1	SB11-1				6" medium gravel (GM)		10YR7/2
2					(SC)-Clayey sand, dry, no plas.		10YR4/3
3					Hit top of utility trench stopped augering		
4							
5							
6							
7							
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Date Started/Completed: 06/14/24 / 06/14/24 Logged by: R. Adams

Total Depth (ft) 5ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger/ Direct Push Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					Refusal		
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
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19							
20							

Date Started/Completed: 06/14/24 / 06/14/24 Logged by: C. Harris

Total Depth (ft) 5ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger/ Direct Push Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					4" Concrete Core		
1	SB15-1				(SC) Clayey Sand, Dry-minimal moisture, no plas., small to medium gravel		10YR4/3
2							
3	SB15-3						
4							
5	SB15-5						
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Date Started/Completed: 06/17/24 / 06/17/24 Logged by: C. Harris

Total Depth (ft) 5ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger/ Direct Push Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					4" Concrete Core		
1	SB16-1				(SC) Clayey Sand, Dry, no plas., small to medium gravel		10YR6/3 No odor
2					(SC) Clayey Sand, Dry, more clay than shallower depth		10YR3/3
3	SB16-3						
4							
5	SB16-5						
6							
7							
8							
9							
10							
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19							
20							

Date Started/Completed: 06/17/24 / 06/17/24 Logged by: C. Harris

Total Depth (ft) 5ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger/ Direct Push Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					4" Concrete Core		
1	SB17-1				(SW) well graded beach sand, dry		10YR6/4
2					(SC) Clayey Sand, with small gravels		10YR4/2
3	SB17-3				(SM) Silty Sand, w/small clay chunks dry		10YR5/3
4							
5	SB17-5						
6							
7							
8							
9							
10							
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12							
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Date Started/Completed: 06/17/24 / 06/17/24 Logged by: C. Harris

Total Depth (ft) 5ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger/ Direct Push Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					4" Concrete Core		
1	SB18-1				(SM) Silty sand, fine grain, dry		10YR5/6
2							
3	SB18-3				(SC) Clayey sand, fine grain sands, w/small gravels, no plas.		10YR3/4
4							
5	SB18-5						
6							
7							
8							
9							
10							
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Date Started/Completed: 06/17/24 / 06/17/24 Logged by: C. Harris

Total Depth (ft) 5ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger/ Direct Push Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0							
1	SB19-1				(SM) Silty sand, fine grain, dry. No odor, no plas.		10YR5/6
2							
3	SB19-3				(SC) Clayey sand, fine grain		10YR3/3
4							
5	SB19-5						
6							
7							
8							
9							
10							
11							
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Date Started/Completed: 06/17/24 / 06/17/24 Logged by: C. Harris

Total Depth (ft) 5ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger/ Direct Push Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0							
1	SB20-1				(SC) Clayey sand, fine grain sand, no moisture, small-medium gravel		10YR4/6
2							
3	SB20-3						
4							
5	SB20-5						
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Date Started/Completed: 06/12/24 / 06/12/24 Logged by: R. Adams

Total Depth (ft) 15ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger/ Direct Push Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					3" Concrete		
1							
2					Clayey sands (SC) fine sands, trace silt with clay, low plas., poorly graded, dry		10YR4/4
3							
4							
5	VP1-5						
6							
7							
8							
9					Silty Sands (SM) fine to med. Grain, no plas., some silt, dry, well graded, some coarse gravel material		10YR2/2
10							
11							
12							
13							
14							
15	VP1-15						
16							
17							
18							
19							
20							

Date Started/Completed: 06/12/24 / 06/12/24 Logged by: R. Adams

Total Depth (ft) 15ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger/ Direct Push Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					5.5" Concrete		
1					Clayey sands (SC) fine sands, trace silt with clay, low plas., poorly graded, moist		10YR4/4
2							
3							
4					Silty Sands (SM) fine to med. Grain, no plas., well graded		10YR3/4
5	VP2-5						
6							
7							
8					Poor graded sands (SP) little fines, gap graded, dry beach sands		
9							
10							
11							
12							
13					Clayey sands (SC) fine sands, with clay, low-med plas., well graded, dry-moist		10YR4/4
14							
15	VP2-15						
16							
17							
18							
19							
20							

Date Started/Completed: 06/12/24 / 06/12/24 Logged by: R. Adams

Total Depth (ft) 15ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger/ Direct Push Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					6" Concrete		
1					Sand (SW) Well graded sands, some coarse sand, dry, trace fines		10YR4/6
2							
3							
4							
5	VP3-5				Clay (CL) Clay Fines with small amounts of med. grain sand, low plas., moist		10YR3/2
6							
7							
8							
9							
10					Sand (SW) Well graded, trace fine gravel, dry		10YR4/6
11							
12							
13					Clay (CL) Clay, trace of med. to large grain sand, low plas., moist		10YR3/2
14							
15	VP3-15						
16							
17							
18							
19							
20							

Date Started/Completed: 06/12/24 / 06/12/24 Logged by: R. Adams

Total Depth (ft) 15ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger/ Direct Push Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					6" Asphalt		
1							
2							
3							
4					Clayey sands (SC) fine to med. Sand, low plas., slightly moist to dry, poorly graded		10YR3/2
5	VP4-5						
6							
7							
8							
9							
10							
11					Silty Sand (SM) fine to mid with some coarse, poorly graded/ gap graded, dry, no plas.		10YR3/2
12							
13							
14							
15	VP4-15						
16							
17							
18							
19							
20							

Date Started/Completed: 06/12/24 / 06/12/24 Logged by: C Harris

Total Depth (ft) 15ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger/ Direct Push Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					8" Concrete Core		
1							
2					Sand (SM) Well graded sands, dry		10YR4/6
3							
4					Clay (CL) Trace coarse gravel, low plas., moist		10YR3/1
5	VP5-5						
6							
7					Clay (CL) Trace coarse sand, low plas.		10YR6/6
8							
9							
10							
11							
12					Silty Sand (SM), poorly graded, trace silt, non-plas.		10YR4/6
13							
14							
15	VP5-15						
16							
17							
18							
19							
20							

Date Started/Completed: 06/12/24 / 06/12/24 Logged by: R. Adams

Total Depth (ft) 15ft Water Depth (ft): Northing:

Drilling Contr.: Environmental/Hayen Morey Easting:

Drill Rig: Hand Auger/ Direct Push Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					3" Concrete		
1					Sand (SM) Well graded sands, trace silt, dry		10YR4/6
2							
3							
4					Clay (CL) Trace coarse gravel, low-med. plas., moist		10YR3/2
5	VP6-5						
6					Small 1" concrete pad?, maybe just old material		
7							
8							
9							
10							
11					Clay (CL) clay, trace coarse sand, low plas.,		10YR3/2
12							
13							
14							
15	VP6-15						
16							
17							
18							
19							
20							

MILLENNIUM

CONSULTING ASSOCIATES
A MECA Consulting, Inc. Company

Boring: DL 1
Sheet: 21
Project No: 12060.2011

Date Started/Completed: 6/17/24 10/17/24 Logged by: CGH

Total Depth (ft) 3' Water Depth (ft): _____ Northing: _____

Drilling Contr.: Environmental Hayden Morey Easting: _____

Drill Rig: Hand auger Ground Elev.: _____

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					Soil cap		
1	1'				(sm) Silty Sand - Dry with small grain sand, small-medium gravel		10 yr 4/3
2							
3	3'						
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							

MILLENNIUM

CONSULTING ASSOCIATES
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Boring: DL 2

Sheet: 22

Project No: 12060.2011

Date Started/Completed: 6/13/24 / 6/13/24

Logged by: R. Adams

Total Depth (ft) 3 ft

Water Depth (ft):

Northing:

Drilling Contr.: Environmental

Hayden Morey

Easting:

Drill Rig: Hand Auger

Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					3" concrete		
1	X				clayey sand (SC) coarse-med sand, covering clay, low plasticity, moist, no gravel		5 YR 4/4
2					clayey sand (SC) some fines, no coarse grains, low plasticity,		10 YR 3/3
3	X						
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							

MILLENNIUM

CONSULTING ASSOCIATES
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Boring: DL 3

Sheet: 23

Project No: 12060-2011

Date Started/Completed: 6/14/24 | 6/14/24 | Logged by: CGH

Total Depth (ft) 3' | Water Depth (ft): | Northing:

Drilling Contr.: Environmental | Hayden Mery | Easting:

Drill Rig: Hand Auger | Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					Concrete cap		
1	1'				(Sm) Silty Sand - Fine grain dry, small gravel		
2					↓		
3	3'				(SC) Clayey Sand - small to		
4					medium grain sand. no		
5					plasticity		
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							

Date Started/Completed: 6/13/24 / 6/13/24 | Logged by: K. Adams
Total Depth (ft): 34 | Water Depth (ft): | Northing:
Drilling Contr.: Environmental | Hayden Morey | Easting:
Drill Rig: Hand Auger | | Ground Elev.: |

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					8" concrete slab		
1	X				Clay (CL) little to no sands, low perm, slight moist,		10YR 4/4
2							
3	X						
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							

Date Started/Completed: **6/13/24** | **6/13/24** | Logged by: **R. Adams**
Total Depth (ft) **3 ft** | Water Depth (ft): | Northing:
Drilling Contr.: **Environmental** | **Hayden Morey** | Easting:
Drill Rig: **Hand Auger** | Ground Elev.: |

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					4" concrete		
1	X				Sand (SC) silty sand, poorly sorted - gap sorted, little to no plasticity		10YR 5/6
2							
3	X						
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
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17							
18							
19							

MILLENNIUM

CONSULTING ASSOCIATES
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Boring: DLG

Sheet: 26

Project No: 12060.2011

Date Started/Completed: 6/14/24 / 6/14/24 Logged by: CGH

Total Depth (ft): 3' Water Depth (ft): Northing:

Drilling Contr.: Environmental Hayden Murex Easting:

Drill Rig: Hand Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					6" Concrete Cap		
1	2'				(SM) Silty Sand - Fine grain dry, small gravel		10 yr 7/6
2					↓		
3	3'				(SC) Clayey Sand - small to		10 yr 4/4
4					medium grain sand no		
5					plasticity		
6							
7							
8							
9							
10							
11							
12							
13							
14							
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17							
18							
19							

MILLENNIUM

CONSULTING ASSOCIATES
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Boring: DL 7

Sheet: 27

Project No: D060.2011

Date Started/Completed: 6/14/24 16/14/24

Logged by: CGH

Total Depth (ft): 3' Water Depth (ft):

Northing:

Drilling Contr.: Environmental Hayden Moray

Easting:

Drill Rig: Hand auger

Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					4" concrete core		
1		1'			(SM) Silty Sand small gravel & clay,		10/yr 7/6
2							
3		3'			(SC) Clayey Sand - small to medium grain sand no plasticity		10/yr 4/4
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
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MILLENNIUM

CONSULTING ASSOCIATES
A MECA Consulting, Inc. Company

Boring: DL 8

Sheet: 28

Project No: 12060.2011

Date Started/Completed: 6/13/24 / 6/13/24 Logged by: R. Adams
Total Depth (ft) 34 ft Water Depth (ft): Northing:
Drilling Contr.: Environmental Hayden Marey Easting:
Drill Rig: Hand Auger Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					4" concrete pad		
1	X				silty sand (SM) well graded sand, no cohesion,		10YR 5/3
2					silty clay (ML) poorly graded low plas, some coarse sand, mostly fines		10YR 4/4
3	X						
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
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16							
17							
18							
19							

MILLENNIUM

CONSULTING ASSOCIATES
A MECA Consulting, Inc. Company

Boring: DL 9

Sheet: 29

Project No: 12060.2011

Date Started/Completed: 6/13/24 / 6/13/24

Logged by: R. Adams

Total Depth (ft) 3 ft

Water Depth (ft):

Northing:

Drilling Contr.: Environmental

Hayden Morey

Easting:

Drill Rig: Hand Auger

Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					4" concrete pad		
1	X				Silty sand (SM) well graded sand w/ some brkls, noncohesive some silt throughout		10YR 6/5
2							
3	X						
4							
5							
6							
7							
8							
9							
10							
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12							
13							
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19							

MILLENNIUM

CONSULTING ASSOCIATES
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Boring: DL10

Sheet: 30

Project No: 12060.2011

Date Started/Completed: 6/13/24 16/13/24 Logged by: Ryle Adams

Total Depth (ft) 37.7 Water Depth (ft): Northing:

Drilling Contr.: Environmental Hayden Moray Easting:

Drill Rig: Hand Auger Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					ap no concrete asphalt		
1	X				Silt (ML) silt with clay, low		
2					plss., most some red brick through		
3	X						
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
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MILLENNIUM

CONSULTING ASSOCIATES
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Boring: DL11

Sheet: 31

Project No: 11060.2011

Date Started/Completed: 6/14/24 | 6/14/24 | Logged by: CGH

Total Depth (ft): 3' | Water Depth (ft): _____ | Northing: _____

Drilling Contr.: Environmental | Hayden Morey | Easting: _____

Drill Rig: Hand auger | Ground Elev.: _____

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0							
1	1'				(SM) Sandy silt-Dry loose Fine grain sands w/ minimal small-medium gravel		10yr 7/6 no odor
2							
3	3'				(SM) Sandy silt-Dry medium grain sand		10yr 3/2 no odor
4							
5							
6							
7							
8							
9							
10							
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MILLENNIUM

CONSULTING ASSOCIATES
A MECA Consulting, Inc. Company

Boring: DL12

Sheet: 32

Project No: 12060.2011

Date Started/Completed: 6/13/24 | 6/13/24

Logged by: R. Adams

Total Depth (ft) 3 ft Water Depth (ft):

Drilling Contr.: Environmental Hayden Murey

Northing:

Drill Rig: Hand Auger

Easting:

Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					4" concrete pad		
1	X				silty sand (SM) w/ trace coarse sand, noncohesive, dry		SYR 5/6
2							
3	X				silty sand (ML) mostly silt w/ some clay, low plasticity, some cohesion		10YR 3/2
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
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MILLENNIUM

CONSULTING ASSOCIATES
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Boring: DL13

Sheet: 33

Project No: 12060.2011

Date Started/Completed: 6/17/24 1 6/17/24 Logged by: CGH

Total Depth (ft): Water Depth (ft): Northing:

Drilling Contr.: Environmental Easting:

Drill Rig: Hand auger Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					Dirt Cap		
1					(Sm) Silty Sand Dry, lots		104 ~ 4/4
2					of Tree roots		
3					(Sc) Clayey Sand		
4							
5							
6							
7							
8							
9							
10							
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12							
13							
14							
15							
16							
17							
18							
19							

Date Started/Completed: 6/13/24 | 6/13/24 | Logged by: CGH

Total Depth (ft): _____ Water Depth (ft): _____ Northing: _____

Drilling Contr.: Environmental Easting: _____

Drill Rig: Hand auger Ground Elev.: _____

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					5" Concrete Core		
1		1'			(SM) Silty Sand, Dry Fine grain Dry		10yr 5/3
2							
3		3'			(SC) Clayey Sand - low Plasticity, small-medium gravel		10yr 8/4/2
4							
5							
6							
7							
8							
9							
10							
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MILLENNIUM

CONSULTING ASSOCIATES
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Boring: *DL 15*

Sheet: *35*

Project No: *12060.2011*

Date Started/Completed: */*

Logged by: *CGH*

Total Depth (ft) *3'*

Water Depth (ft):

Northing:

Drilling Contr.: Environmental

Hayden Morey

Easting:

Drill Rig: *Hand Auger*

Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					<i>Refusal</i>		
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
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19							

MILLENNIUM

CONSULTING ASSOCIATES
A MECA Consulting, Inc. Company

Boring: DL 16

Sheet: 36

Project No: 12060.2011

Date Started/Completed: 6/14/24 1 6/14/24 Logged by: CGH

Total Depth (ft) 3' Water Depth (ft):

Northing:

Drilling Contr.: Environmental Hayden Morey

Easting:

Drill Rig: Hand auger

Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (- ppm)	Notes and Observations
0					4" Concrete Core		
1	7'				(SW) well graded sand with Fine-medium grain, minimal gravel Dry		104r 5/4
2							
3	3'				(SC) Clayey sand no plasticity Dry small-medium gravel		104r 3/4
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							

Date Started/Completed: 6/14/24 / 6/14/24 Logged by: CGH
Total Depth (ft) 3' Water Depth (ft): Northing:
Drilling Contr.: Environmental Hayden Morey Easting:
Drill Rig: Hand auger Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					4" Concrete Core		
1	1'				(SW) Well graded sand small-medium gravel Dry		10 yr 6/4
2					↓		
3	5'				(SC) Sandy clay medium-fine grain sand NO plasticity dry		10 yr 4/4
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
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19							

MILLENNIUM

CONSULTING ASSOCIATES
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Boring: DL18

Sheet: 38

Project No: 12060.2011

Date Started/Completed: 6/14/21 16/14/24 Logged by: CGH

Total Depth (ft) 3' Water Depth (ft): Northing:

Drilling Contr.: Environmental Haden Morey Easting:

Drill Rig: Haden Morey Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					Soil Top		
1	2'				(SW) well graded sand w/small grain gravel, Dry		6/6
2							↓
3	3'						
4							
5							
6							
7							
8							
9							
10							
11							
12							
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19							

MILLENNIUMCONSULTING ASSOCIATES
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Boring: DL19

Sheet: 39

Project No: 12060.2011

Date Started/Completed: 6/19/24 / 6/19/24

Logged by: C. G. H.

Total Depth (ft) 3' Water Depth (ft):

Northing:

Drilling Contr.: Environmental

Haden Morcy

Easting:

Drill Rig: Hand auger

Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					4" Asphalt Core		
1	1'				(SC) Clayey sand - Minimal moisture medium grain sand		104- 5/3 Chunks of Rock
2					(SM) silty sand - Fine grain		104- 6/3
3	3'				6" layer Dry		
4					(SC) Clayey sand - Minimal moisture, Medium grain		104- 3/3
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							

Date Started/Completed: 6/13/24 | 6/13/24 | Logged by: R. Adams
Total Depth (ft) 3ft | Water Depth (ft): | Northing:
Drilling Contr.: Environmental | Hayden Moray | Easting:
Drill Rig: Hand Auger | Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					3.5" concrete slab		
1	X				silty Sand (SM) well graded w/ some coarse sand, no gravel some fines, dry		SYR 4/3
2							
3	X						
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							

Date Started/Completed: 6/13/24 | 6/13/24 | Logged by: R. Adams

Total Depth (ft) 3ft | Water Depth (ft): | Northing:

Drilling Contr.: Environmental | Hayden Morey | Easting:

Drill Rig: Hand Auger | Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					4" concrete slab		
1	X				silty sand (SM) well graded, dry, some coarse sand		SYR 4/3
2							
3	X				silt (ML) well graded w/ some coarse sand, mostly silt, noncohesive wet, low plus		10YR 3/2
4							
5							
6							
7							
8							
9							
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MILLENNIUM

CONSULTING ASSOCIATES
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Boring: VP1

Sheet: 43

Project No: 12060.2011

Date Started/Completed: 6/12/24 / 6/12/24 Logged by: R. Adams

Total Depth (ft): 15 ft Water Depth (ft):

Drilling Contr.: Environmental Hayden Murey

Drill Rig: Hand Auger / Direct Push

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (- ppm)	Notes and Observations
0					3" Concrete		
1					~~silty~~ Sands (SM) clayey (SC) fine sands, trace silt w/ clay, low plasticity, poorly graded, Dry		10YR 4/4
2							
3							
4							
5	X				Silty Sands (SM) fine to med grain no plasticity, some silt, Dry well ~~sorted~~ graded, some coarse grained material		10YR 2/2
6							
7							
8							
9							
10							
11							
12							
13							
14							
15	X						
16							
17							
18							
19							
20							

MILLENNIUM

CONSULTING ASSOCIATES
A MECA Consulting, Inc. Company

Boring: VP2

Sheet: 44

Project No: 12060.2011

Date Started/Completed: 6/12/24 / 6/12/24 Logged by: R. Adams

Total Depth (ft) 15 ft Water Depth (ft):

Drilling Contr.: Environmental Hayden Morey

Drill Rig: Hand Auger / Direct Push

Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					5.5" Concrete		
1					clayey Sand (SC) fine sand w/ clay low plasticity, well sorted, moist		10YR 4/4
2							
3					Silty Sand (SM) fine s, dry low to no plasticity, poorly sorted		10YR 3/4
4							
5							
6					Poorly graded Sands (SP) little fines, gap graded, dry beach sand		
7							
8							
9							
10					clayey Sand (SC) fine sand w/ clay low-mod plasticity, poorly sorted dry-moist		10YR 4/4
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Date Started/Completed: 6/12/24 / 6/12/24 Logged by: R. Adams

Total Depth (ft) 15 ft Water Depth (ft):

Drilling Contr.: Environmental Hayden Morey

Drill Rig: Hand Auger / Direct Push

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					6" concrete top		
1					Sand (SW) well graded sand, some coarse sand, dry, trace fines		10YR 4/6
2							
3					clay (CL) clay fines with small amounts med green sand, low plasticity, moist		10YR 3/2
4							
5	X						
6							
7							
8					Sand (SW) well graded, trace fine gravel, dry,		10YR 4/6
9							
10							
11							
12					clay (CL) clay, trace med to large green sand, low plasticity, moist		10YR 3/2
13							
14							
15	X						
16							
17							
18							
19							
20							

Date Started/Completed: 6/12/24 / 6/12/24 Logged by: R. Adams
Total Depth (ft) 15 ft Water Depth (ft): Northing:
Drilling Contr.: Environmental Hayden Morey Easting:
Drill Rig: Hand Auger / Direct Push Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					6" asphalt		
1					clayey Sands (SC) fine to med sand, low plasticity, slight moist to dry, poorly graded		10YR 3/2
2							
3							
4							
5	X				Silty Sands (SM) fine to med with some coarse, poorly graded / gap graded Dry, no plasticity		10YR 4/4
6							
7							
8							
9							
10							
11							
12							
13					Boring completed to		
14							
15	X						
16							
17							
18							
19							
20							

MILLENNIUMCONSULTING ASSOCIATES
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Boring: VP5

Sheet: 47

Project No: 12060.2011

Date Started/Completed: 6/12/24 16/12/24

Logged by: C. Harris

Total Depth (ft) 15 ft

Water Depth (ft):

Northing:

Drilling Contr.: Hayden Morey

Easting:

Drill Rig: Hand Auger / Direct Push

Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					8" Concrete Core		
1					Sand (SM), Well graded sands Dry		10YR 4/6
2							
3					Clay (CL), Trace Coarse gravel, low plasticity, moist		10YR 3/1
4							
5	X						
6					Clay (CL), Trace coarse sand, Low plasticity		10YR 6/6
7							
8							
9							
10							
11					Silty Sand (SM), poorly graded, Trace silt, non- plasticity		4/6
12							
13							
14							
15	X						
16							
17							
18							

MILLENNIUM

CONSULTING ASSOCIATES
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Boring: VP6

Sheet: 48

Project No: 12060.2011

Date Started/Completed: 6/12/24 / 6/12/24

Logged by: R. Adams

Total Depth (ft): 15 ft

Water Depth (ft):

Northing:

Drilling Contr.: Hayden Morey

Easting:

Drill Rig: Hand Auger / Direct Push

Ground Elev.:

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					3" concrete		
1					Sand (SM) well graded sands, trace silt, Dry		10YR 4/6
2							
3					Clay (CL) clay, trace		10YR 3/2
4					coarse gravel, low-med. plasticity, moist		
5	X						
6					→		small 1" concrete pad? or maybe just old
7					Clay (CL) clay, trace		
8					coarse sand, low		
9					plasticity		10YR 3/2
10							
11							
12							
13							
14							
15	X						
16							
17							
18							

1140 Begin Coring VP3

1230 Complete VP3
sample time 1220/1225

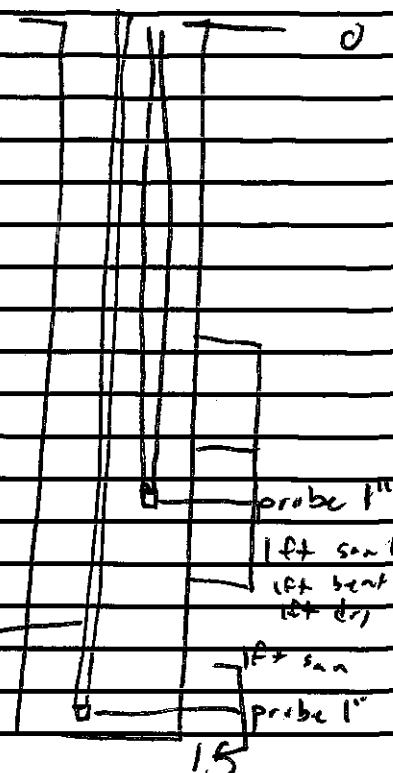
1235 Begin VP6

1305 Complete VP6
1255 1300

1320 Begin VP5

1400 Begin cleanup and leave site

$\frac{1}{2}$
nylon



DAILY FIELD LOG

Date: 6/13/24

Millennium Staff: R. Adams, C. Harris

Millennium Project Name: Fairfax HS

Credentials/Cert #:

Client: LAUSD

Project Address: 7850 Melrose Ave.

Millennium Project No.: 12060.2011

Los Angeles, CA 90046

Project Location of Work Areas:

Fairfax HS

Conditions (complete if outside activities occur – wind direction/mph; RH., temp., etc.):

60° cloudy

General Description of Activities:

0630 MECA and Millennium Drillers arrive onsite
- get set up and begin with PSS

0720 Begin @ PSS

0800 Begin @ DL4

0830 Begin @ SB2
0840/0845/0850

0910 Begin @ DL2

0945 Begin @ SB1

1015 Begin @ SB3

1052 Begin @ SB4

1122 Begin @ DL20

1140 Begin @ DL21

1150 Begin @ DL9

1215 Begin @ DL5

1245 Begin @ DL8

1310 Begin @ DL12

insert blank @ 1350

1345 Begin @ SB13

1420 begin cleanup and leave site

DAILY FIELD LOG

Date: 6/14/24

Millennium Staff: R. Adams, C. Harris

Millennium Project Name: Fairfax HS

Credentials/Cert #:

Client: LAYSAN

Project Address: 7850 Melrose Ave.

Millennium Project No.: 12060-2011

Los Angeles, CA, 90046

Project Location of Work Areas: Fairfax HS

Conditions (complete if outside activities occur – wind direction/mph; RH., temp., etc.):

General Description of Activities:

0630 Drillers & MECA arrived onsite

0650 Begin @ SB5

0720 Unable to go SB5-5 due to hitting top of storm drain

0727 Begin @ SB6

0753 Begin @ SB8

silly clay / Clay

0810 Begin @ SB7

0835 Begin @ DL19

0845 Begin @ SB9

0910 Begin @ DL18

1000 Begin @ SB10

1030 Begin @ SB13

Page ____ of ____

hit refusal
@ 2.5 ft

can't step out, area too

Small

1045 Begin @ DL17

1055 Begin @ DL16

1145 Rinsate blank @ 1145

1145 Begin @ DL12

1155 Begin @ SB15

1230 Begin @ DL7

1240 Begin @ DL6

1250 Begin @ DL3

1300 Mislabeling of 6/13 by DL12 sample
- should have been DL11

- We changed the actual DL12 to DL11 on 6/14/24
- contact Con for questions

1400 Done for the Day MECA and Millennium site

DAILY FIELD LOG

Date: 6/17/24

Millennium Staff: R. Adams

Millennium Project Name: Fairfax HS

Credentials/Cert #:

Client: LAUSD

Project Address: 7850 Melrose Ave.

Millennium Project No.: 12060.2011

Los Angeles, CA 90046

Project Location of Work Areas: Fairfax HS

Conditions (complete if outside activities occur – wind direction/mph; RH., temp., etc.):
Cloudy 65°F

General Description of Activities:

0630 MECA and Drillers onsite for the day

0645 Begin setting up @ SB 12

0715 Begin @ SB 17

0745 Begin @ SB 16

0820 Begin @ DL 13

0840 call of SB 14 Due to roots @ closeness to utility

0850 Begin @ DL 14

0937 Begin @ SB 12

1000 Begin @ SB 19

1015 Begin @ SB 14

APPENDIX C

RISK ASSESSMENT TABLES

Sample IDs	Hexavalent Chromium (mg/kg)
SB1-1	0.2
SB1-3	--
SB2-1	--
SB2-3	--
SB3-1	0.2
SB3-3	--
SB4-1	--
SB4-3	--
SB4-3 DUP	--
SB5-1	0.51
SB5-3	--
SB6-1	--
SB6-3	--
SB7-1	0.2
SB7-3	--
SB8-1	--
SB8-1 DUP	--
SB8-3	--
SB9-1	0.76
SB9-3	--
SB10-1	--
SB10-1 DUP	--
SB10-3	--
SB11-1	0.2
SB12-1	--
SB12-3	--
SB13-1	0.2
SB13-3	--
SB15-1	0.2
SB15-3	--
SB16-1	--
SB16-3	--
SB17-1	0.2
SB17-3	--
SB17-3 DUP	--
SB18-1	--
SB18-3	--
SB19-1	0.49
SB19-3	--
SB20-1	--
SB20-3	--
DL1-1	0.49
DL1-3	--
DL2-1	--
DL2-3	0.2
DL3-1	--
DL3-3	--
DL4-1	0.2
DL4-3	--
DL5-1	--
DL5-1 DUP	--
DL5-3	--
DL6-1	--
DL6-3	--
DL7-1	0.78
DL7-3	--
DL7-3 DUP	--
DL8-1	--
DL8-3	--
DL9-1	--
DL9-3	--
DL10-1	--
DL10-3	--
DL11-1	--
DL11-3	--
DL12-1	--
DL12-3	--
DL13-1	0.2
DL13-3	--
DL14-1	--
DL14-3	--
DL14-3 DUP	--
DL16-1	0.2
DL16-3	--
DL17-1	--
DL17-3	--
DL18-1	--
DL18-3	--
DL18-3 DUP	--
DL19-1	0.5
DL19-3	--
DL20-1	--
DL20-1 DUP	--
DL20-3	--
DL21-1	0.2
DL21-3	--
PS5-1	0.2
PS5-5	0.2
PS5-10	0.41
PS5-15	0.2
PS2-1	0.2
PS2-5	0.51
PS2-10	0.72
PS2-15	0.2
PS3-1	0.2
PS3-5	0.65
PS3-10	0.54
PS3-15	0.2
VP10-1	0.2
VP10-5	0.6
VP10-10	0.2
VP10-15	0.2

Mean	0.334117647
Standard Deviation	0.19705587
Sample Size (n)	34
Standard Error (SE)	0.05688513
95% Confidence	1.959963985
95% UCL	0.400354244
Maximum	0.78
Minimum	0.2

1

Model Input

Site Name/Run Number:

DTSC J&E Case

Toxicity/Building Parameter Source

☐ USEPA
☒ CA-DTSC

Capillary Fringe Model

☒ USEPA Default Capillary Fringe
☐ van Genuchten Moisture Retention Profile

Toggle for different capillary model will be effective only when source medium = "Groundwater"

Use English / Metric Converter

Note:

-Yellow highlighted cells indicate parameters that typically are changed or must be inputted by the user.

-Dotted outline cells indicate default values that may be changed with justification.

-Toxicity values are taken from Regional Screening Level (RSL) tables and/or California Toxicity Criteria Rule (see DTSC Human Health Risk Assessment Note 10). The RSL tables are updated semi-annually and may not reflect the most current toxicity information.

Source Characteristics:	Units	Symbol	Value	Default	Potential Span	CV	Flag	Comment
Source medium		Source	Exterior Soil Gas					
Soil gas concentration	(ug/m3)	Cmedium	75		NA			
Depth below grade to soil gas sample	(m)	Ls	5.00		Vary - 50	NA		
Average vadose zone temperature	(°C)	Ts	25	24	3-30			
Calc: Source vapor concentration	(ug/m3)	Cs	75					
Calc: % of pure component saturated vapor concentration	(%)	%Sat	0.000%					

Chemical:	Units	Symbol	Value	Default	Potential Span	CV	Flag	Comment
Chemical Name		Chem	Tetrachloroethylene					
CAS No.		CAS	127-18-4					
Toxicity Factors		Toxicity/Building Parameter Source:	CA-DTSC					
Unit risk factor	(ug/m ³) ⁻¹	IUR	6.10E-06	6.10E-06	NA	NA		
Mutagenic compound		Mut	No	NA	NA	NA		
Reference concentration	(mg/m ³)	RfC	4.00E-02	4.00E-02	NA	NA		

Chemical Properties:	Units	Symbol	Value	Default	Potential Span	CV	Flag	Comment
Pure component water solubility	(mg/L)	S	2.06E+02	2.06E+02	NA	NA		
Henry's Law Constant @ 25°C	(atm-m ³ /mol)	Hc	1.77E-02	1.77E-02	NA	NA		
Calc: Henry's Law Constant @ 25°C	(dimensionless)	Hr	7.24E-01	7.24E-01				
Calc: Henry's Law Constant @ system temperature	(dimensionless)	Hs	7.24E-01	6.86E-01				
Diffusivity in air	(cm2/s)	Dair	5.05E-02	5.05E-02	NA	NA		
Diffusivity in water	(cm2/s)	Dwater	9.46E-06	9.46E-06	NA	NA		

Building Characteristics:

Select Building Assumptions

☒ Use ratio for Qsoil/Qbuilding (recommended if no site specific data available)
☐ Specify Qsoil and Qbuilding separately; calculate ratio

0.9144

	Units	Symbol	Value	Default	Potential Span	CV	Flag	Comment
Building setting		Bldg_Setting	Residential	Residential				

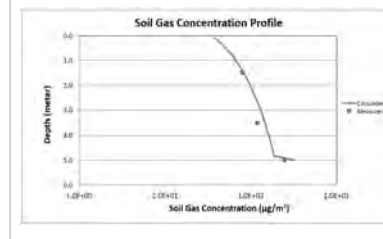
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Page 1 of 5

Foundation type		Found_Type	Slab-on-grade	Slab-on-grade		
Depth below grade to base of foundation	(m)	Lb	0.10	0.10	0.1 - 2.44	NA
Foundation thickness	(m)	Lf	0.10	0.10	0.1 - 0.25	NA
Fraction of foundation area with cracks	(-)	eta	0.005	0.005	0.00019-0.005	1.00
Enclosed space floor area	(m2)	Abf	100.00	100.00	80 - 200	NA
Enclosed space mixing height	(m)	Hb	2.44	2.44	2.13 - 3.05	NA
Indoor air exchange rate	(1 / hr)	ach	0.45	0.45	0.15-1.26	NA
Qsoil/Qbuilding	(-)	Qsoil_Qb	0.0300	0.0300	0.0001 - 0.05	1.24
Calc: Building ventilation rate	(m3/hr)	Qb	109.80	109.80	NA	0.30
Calc: Average vapor flow rate into building	(m3/hr)	Qsoil	3.29	3.29	NA	NA

Model Input		Site Name/Run Number:		DTSC J&E Case																																																																																																																																																																																																																																																																																																																																					
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surface)	(m)	hSA	5.00						Stratum A total porosity	(-)	nSA	0.481	0.481	NA	0.20			Stratum A water-filled porosity	(-)	nwSA	0.216	0.216	0.11 - 0.32	0.25			Stratum A bulk density	(g/cm ³)	rhoSA	1.380	1.380	NA	0.05			Stratum B (Soil layer below Stratum A):										Stratum B SCS soil type		SCS_B	Not Present						Stratum B thickness	(m)	hSB	0.00						Stratum B total porosity	(-)	nSB			NA	NA			Stratum B water-filled porosity	(-)	nwSB			NA	NA			Stratum B bulk density	(g/cm ³)	rhoSB			NA	NA			Stratum C (Soil layer below Stratum B):										Stratum C SCS soil type		SCS_C	Not Present						Stratum C thickness	(m)	hSC	0.00						Stratum C total porosity	(-)	nSC			NA	NA			Stratum C water-filled porosity	(-)	nwSC			NA	NA			Stratum C bulk density	(g/cm ³)	rhoSC			NA	NA			Stratum containing soil gas sample										Stratum A, B, or C		src_soil	Stratum A											NA	NA								NA									NA				<table border="1"> <thead> <tr> <th><u>Exposure Parameters:</u></th> <th>Units</th> <th>Symbol</th> 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frequency	(days/yr)	EF	350	350	NA	NA			Exposure time	(hrs/24 hrs)	ET	24	24	NA	NA			Mutagenic mode-of-action factor	(yrs)	MMOAF	72	72	NA	NA	NOTE	MMOAF not relevant for non-mutagenic
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Model Output		Site Name/Run Number:		DTSC J&E Case		Range is based on the reasonable range of Qsoil/Qbuilding values, as reported in the literature.			
Chemical Name: Tetrachloroethylene		CAS No. 127-18-4							
Source to Indoor Air Attenuation Factor			Units	Symbol	Value	Range	Default	Default Range	Flag
Soil gas to indoor air attenuation coefficient			(-)	alpha	1.8E-04	6.9E-05 - 1.8E-04	1.8E-04	6.9E-05 - 1.8E-04	
Predicted Indoor Air Concentration			Units	Symbol	Value	Range	Default	Default Range	Flag
Indoor air concentration due to vapor intrusion			(ug/m3)	Cia	1.4E-02	5.2E-03 - 1.4E-02	1.4E-02	5.2E-03 - 1.4E-02	
			(ppbv)		2.0E-03	7.7E-04 - 2.0E-03	2.0E-03	7.7E-04 - 2.0E-03	
Predicted Vapor Conc. Beneath Foundation			Units	Symbol	Value	Range	Default	Default Range	Flag
Subslab vapor concentration			(ug/m3)	Css	4.5E-01	2.7E-01 - 5.2E+01	4.5E-01	5.2E+01 - 1.4E+02	
			(ppbv)		6.7E-02	4.0E-02 - 7.7E+00	6.7E-02	7.7E+00 - 2.0E+01	
Diffusive Transport Upward Through Vadose Zone			Units	Symbol	Value	Range	Default	Default Range	Flag
Effective diffusion coefficient through Stratum A			(cm2/sec)	DeffA	2.6E-03	-	2.6E-03	-	
Effective diffusion coefficient through Stratum B			(cm2/sec)	DeffB		-		-	
Effective diffusion coefficient through Stratum C			(cm2/sec)	DeffC		-		-	
Effective diffusion coefficient through unsaturated zone			(cm2/sec)	DeffT	2.6E-03	-	2.6E-03	-	
Critical Parameters				Symbol	Value	Range	Default	Default Range	Flag
α for diffusive transport from source to building with dirt floor foundation				(-)	A_Param	1.8E-04	-	1.8E-04	
Pe (Peclet Number) for transport through the foundation (advection / diffusion)				(-)	B_Param	6.7E+02	2.2E+00 - 1.1E+03	6.7E+02	2.2E+00 - 1.1E+03
α for convective transport from subslab to building				(-)	C_Param	3.0E-02	1.0E-04 - 5.0E-02	3.0E-02	1.0E-04 - 5.0E-02
Interpretation									
Advection is the dominant mechanism across the foundation. Diffusion through soil is the overall rate limiting process.					The Soil Gas Profile Plot has been moved to "MEASURED_SOIL_GAS_CONC." tab for side-by-side comparison.				
Critical Parameters									
Hb, Ls, DeffT, ach									
Non-Critical Parameters									
Qsoil Qb, Lf, DeffA, eta									



Model Output		Site Name/Run Number:		DTSC J&E Case						
Chemical Name: Tetrachloroethylene		CAS No. 127-18-4								
Risk Calculations				Units	Symbol	Value	Range	Default	Range	Flag
Risk-Based Target Screening Levels										
Target risk for carcinogens		(-)	Target_CR	1E-06	-	1E-06	-			
Target hazard quotient for noncarcinogens		(-)	Target_HQ	1	-	1	-			
Target indoor air concentration		(ug/m3)	Target_IA	4.60E-01	-	4.60E-01	-	Target indoor air concentration based on		
		(ppbv)		6.79E-02	-	6.79E-02	-			
Target soil gas concentration		(ug/m3)	Target_SV	2.54E+03	2.5E+03 - 6.6E+03	2.54E+03	2.5E+03 - 6.6E+03			
Incremental Risk Estimates										
Incremental cancer risk from vapor intrusion			(-)	Cancer_Risk	2.95E-08	1.1E-08 - 3.0E-08	2.95E-08	1.1E-08 - 3.0E-08		
Hazard quotient from vapor intrusion			(-)	HQ	3.26E-04	1.2E-04 - 3.3E-04	3.26E-04	1.2E-04 - 3.3E-04		
End of Worksheet										

1

Model Input

Site Name/Run Number:

DTSC J&E Case

Toxicity/Building Parameter Source

☐ USEPA
☒ CA-DTSC

Capillary Fringe Model

☒ USEPA Default Capillary Fringe
☐ van Genuchten Moisture Retention Profile

Toggle for different capillary model will be effective only when source medium = "Groundwater"

Use English / Metric Converter

Note:

-Yellow highlighted cells indicate parameters that typically are changed or must be inputted by the user.

-Dotted outline cells indicate default values that may be changed with justification.

-Toxicity values are taken from Regional Screening Level (RSL) tables and/or California Toxicity Criteria Rule (see DTSC Human Health Risk Assessment Note 10). The RSL tables are updated semi-annually and may not reflect the most current toxicity information.

Source Characteristics:	Units	Symbol	Value	Default	Potential Span	CV	Flag	Comment
Source medium		Source	Exterior Soil Gas					
Soil gas concentration	(ug/m3)	Cmedium	43		NA			
Depth below grade to soil gas sample	(m)	Ls	5.00		Vary - 50	NA		
Average vadose zone temperature	(°C)	Ts	25	24	3-30			
Calc: Source vapor concentration	(ug/m3)	Cs	43					
Calc: % of pure component saturated vapor concentration	(%)	%Sat	0.000%					

Chemical:	Units	Symbol	Value	Default	Potential Span	CV	Flag	Comment
Chemical Name		Chem	Benzene					
CAS No.		CAS	71-43-2					
Toxicity Factors		Toxicity/Building Parameter Source:	CA-DTSC					
Unit risk factor	(ug/m ³) ⁻¹	IUR	2.90E-05	2.90E-05	NA	NA		
Mutagenic compound		Mut	No	NA	NA	NA		
Reference concentration	(mg/m ³)	RfC	3.00E-03	3.00E-03	NA	NA		

Chemical Properties:	Units	Symbol	Value	Default	Potential Span	CV	Flag	Comment
Pure component water solubility	(mg/L)	S	1.79E+03	1.79E+03	NA	NA		
Henry's Law Constant @ 25°C	(atm-m ³ /mol)	Hc	5.55E-03	5.55E-03	NA	NA		
Calc: Henry's Law Constant @ 25°C	(dimensionless)	Hr	2.27E-01	2.27E-01				
Calc: Henry's Law Constant @ system temperature	(dimensionless)	Hs	2.27E-01	2.17E-01				
Diffusivity in air	(cm2/s)	Dair	8.95E-02	8.95E-02	NA	NA		
Diffusivity in water	(cm2/s)	Dwater	1.03E-05	1.03E-05	NA	NA		

Building Characteristics:

Select Building Assumptions

☒ Use ratio for Qsoil/Qbuilding (recommended if no site specific data available)
☐ Specify Qsoil and Qbuilding separately; calculate ratio

0.9144

	Units	Symbol	Value	Default	Potential Span	CV	Flag	Comment
Building setting		Bldg_Setting	Residential	Residential				

M:\Projects\LAUSD - OEHS - 12060\12060.2010 - Fairfax HS - PEA-E\Work Product\Risk Assessment\DTSC_JEM_Spreadsheet_2024_October Benzene

Page 1 of 5

Foundation type		Found_Type	Slab-on-grade	Slab-on-grade		
Depth below grade to base of foundation	(m)	Lb	0.10	0.10	0.1 - 2.44	NA
Foundation thickness	(m)	Lf	0.10	0.10	0.1 - 0.25	NA
Fraction of foundation area with cracks	(-)	eta	0.005	0.005	0.00019-0.005	1.00
Enclosed space floor area	(m2)	Abf	100.00	100.00	80 - 200	NA
Enclosed space mixing height	(m)	Hb	2.44	2.44	2.13 - 3.05	NA
Indoor air exchange rate	(1 / hr)	ach	0.45	0.45	0.15-1.26	NA
Qsoil/Qbuilding	(-)	Qsoil_Qb	0.0300	0.0300	0.0001 - 0.05	1.24
Calc: Building ventilation rate	(m3/hr)	Qb	109.80	109.80	NA	0.30
Calc: Average vapor flow rate into building	(m3/hr)	Qsoil	3.29	3.29	NA	NA

Model Input		Site Name/Run Number:			DTSC J&E Case																																																																																																																																																																																																																																																																																																																																				
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surface)	(m)	hSA	5.00						Stratum A total porosity	(-)	nSA	0.481	0.481	NA	0.20			Stratum A water-filled porosity	(-)	nwSA	0.216	0.216	0.11 - 0.32	0.25			Stratum A bulk density	(g/cm ³)	rhoSA	1.380	1.380	NA	0.05			Stratum B (Soil layer below Stratum A):										Stratum B SCS soil type		SCS_B	Not Present						Stratum B thickness	(m)	hSB	0.00						Stratum B total porosity	(-)	nSB			NA	NA			Stratum B water-filled porosity	(-)	nwsB			NA	NA			Stratum B bulk density	(g/cm ³)	rhoSB			NA	NA			Stratum C (Soil layer below Stratum B):										Stratum C SCS soil type		SCS_C	Not Present						Stratum C thickness	(m)	hSC	0.00						Stratum C total porosity	(-)	nSC			NA	NA			Stratum C water-filled porosity	(-)	nWSC			NA	NA			Stratum C bulk density	(g/cm ³)	rhoSC			NA	NA			Stratum containing soil gas sample										Stratum A, B, or C		src_soil	Stratum A											NA	NA								NA									NA				<table border="1"> <thead> <tr> <th><u>Exposure Parameters:</u></th> <th>Units</th> <th>Symbol</th> 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Model Output		Site Name/Run Number:		DTSC J&E Case		Range is based on the reasonable range of Qsoil/Qbuilding values, as reported in the literature.	
Chemical Name: Benzene CAS No. 71-43-2							
Source to Indoor Air Attenuation Factor		Units	Symbol	Value	Range	Default	Default Range
Soil gas to indoor air attenuation coefficient		(-)	alpha	3.2E-04	9.7E-05 - 3.2E-04	3.2E-04	9.7E-05 - 3.2E-04
Predicted Indoor Air Concentration		Units	Symbol	Value	Range	Default	Default Range
Indoor air concentration due to vapor intrusion		(ug/m3)	Cia	1.4E-02	4.2E-03 - 1.4E-02	1.4E-02	4.2E-03 - 1.4E-02
		(ppbv)		4.3E-03	1.3E-03 - 4.3E-03	4.3E-03	1.3E-03 - 4.3E-03
Predicted Vapor Conc. Beneath Foundation		Units	Symbol	Value	Range	Default	Default Range
Subslab vapor concentration		(ug/m3)	Css	4.6E-01	2.8E-01 - 4.2E+01	4.6E-01	4.2E+01 - 1.4E+02
		(ppbv)		1.4E-01	8.7E-02 - 1.3E+01	1.4E-01	1.3E+01 - 4.3E+01
Diffusive Transport Upward Through Vadose Zone		Units	Symbol	Value	Range	Default	Default Range
Effective diffusion coefficient through Stratum A		(cm2/sec)	DeffA	4.6E-03	-	4.6E-03	-
Effective diffusion coefficient through Stratum B		(cm2/sec)	DeffB		-		-
Effective diffusion coefficient through Stratum C		(cm2/sec)	DeffC		-		-
Effective diffusion coefficient through unsaturated zone		(cm2/sec)	DeffT	4.6E-03	-	4.6E-03	-
Critical Parameters			Symbol	Value	Range	Default	Default Range
α for diffusive transport from source to building with dirt floor foundation		(-)	A_Param	3.2E-04	-	3.2E-04	
Pe (Peclet Number) for transport through the foundation (advection / diffusion)		(-)	B_Param	3.8E+02	1.3E+00 - 6.3E+02	3.8E+02	1.3E+00 - 6.3E+02
α for convective transport from subslab to building		(-)	C_Param	3.0E-02	1.0E-04 - 5.0E-02	3.0E-02	1.0E-04 - 5.0E-02
Interpretation							
Advection is the dominant mechanism across the foundation. Diffusion through soil is the overall rate limiting process.				The Soil Gas Profile Plot has been moved to "MEASURED_SOIL_GAS_CONC." tab for side-by-side comparison.			
Critical Parameters							
Hb, Ls, DeffT, ach							
Non-Critical Parameters							
Qsoil Qb, Lf, DeffA, eta							

Model Output				Site Name/Run Number:				DTSC J&E Case									
Chemical Name: Benzene CAS No. 71-43-2																	
Risk Calculations				Units		Symbol		Value		Range		Default		Range		Flag	
Risk-Based Target Screening Levels																	
Target risk for carcinogens				(-)		Target_CR		1E-06		-		1E-06		-			
Target hazard quotient for noncarcinogens				(-)		Target_HQ		1		-		1		-			
Target indoor air concentration				(ug/m3)		Target_IA		9.68E-02		-		9.68E-02		-		Target indoor air concentration based on	
				(ppbv)				3.03E-02		-		3.03E-02		-			
Target soil gas concentration				(ug/m3)		Target_SV		3.03E+02		3.0E+02 - 9.9E+02		3.03E+02		3.0E+02 - 9.9E+02			
Incremental Risk Estimates																	
Incremental cancer risk from vapor intrusion						(-)		Cancer_Risk		1.42E-07		4.3E-08 - 1.4E-07		1.42E-07		4.3E-08 - 1.4E-07	
Hazard quotient from vapor intrusion						(-)		HQ		4.40E-03		1.3E-03 - 4.4E-03		4.40E-03		1.3E-03 - 4.4E-03	
End of Worksheet																	

Site-specific Resident Soil Inputs

Variable	Resident Soil Default Value	Site-Specific Value
A (PEFDispersionConstant)	16.2302	11.911
A (VF DispersionConstant)	11.911	11.911
A (VF DispersionConstant - masslimit)	11.911	11.911
B (PEFDispersionConstant)	18.7762	18.4385
B (VF DispersionConstant)	18.4385	18.4385
B (VF DispersionConstant - masslimit)	18.4385	18.4385
City (PEF ClimateZone) Selection	Default	LosAngeles, CA
City (VFClimatZone) Seleciton	Default	LosAngeles, CA
C (PEF DispersionConstant)	216.108	209.7845
C (VF DispersionConstant)	209.7845	209.7845
C (VF DispersionConstant - mass limit)	209.7845	209.7845
foe (fraction organic carbon in soil) g/g	0.006	0.006
F(x) (function dependant on U J U.) unitless	0.194	0.00474
n (total soil porosity) L ⁻¹ L...	0.43396	0.43396
P (dry soil bulk density) g/cm ³	1.5	1.5
p (dry soil bulk density - mass limit) g/cm ³	1.5	1.5
PEF (particulate emission factor) m ⁻³ /kg	1359344438	115076646918.83
P. (soil particledensity) g/cm ³	2.65	2.65
QIC....., (g/m ² -s per kg/m ³)	93.77	68.183649948567
QIC,,,,, (g/m ² -s per kg/m ³)	68.18	68.183649948567
QIC,,,,, (g/m ² -s per kg/m ³ - masslimit)	68.18	68.183649948567
A. (PEF acres)		
A. (VF acres)		
A. (VF mass-limit acres)		
AF _n , (mutagenic skin adherence factor) mg/cm ²		
AF _. (mutagenic skin adherence factor) mg/cm ²		
AF _{,.} (mutagenic skin adherence factor) mg/cm ²		
AF _{,_ "} (mutagenic skin adherence factor) mg/cm ²		
AF _{res-a} (skin adherence factor - adult) mg/cm ²		

Site-specific Resident Soil Inputs

Variable	Resident Soil Default Value	Site-Specific Value
AF__ (skin adherence factor - child) mg/cm ²	0.2	0
AT_ (averaging time - resident carcinogenic)	365	365
BW _n , (mutagenic body weight) kg	15	0
BW _{,,,} (mutagenic body weight) kg	15	0
BW _{__} (mutagenic body weight) kg	80	50.6
BW _{__,} (mutagenic body weight) kg	80	0
BW_ _. (body weight - adult) kg	80	50.6
BW_ _, (body weight - child) kg	15	0
DFS_ _{.,} (age-adjusted soil dermal factor) mg/kg	103390	3.455
DFS _{____} , (mutagenic age-adjusted soil dermal factor) mg/kg	428260	13390.364
ED_ (exposure duration) years	26	
ED _n , (mutagenic exposure duration) years	2	0
ED _. (mutagenic exposure duration) years	4	0
ED _{.,} (mutagenic exposure duration) years	10	
ED _{__,} (mutagenic exposure duration) years	10	0
ED (exposure duration - adult) years	20	
ED _. (exposure duration - child) years	6	0
EF_ (exposure frequency) days/year	350	210
EF _n , (mutagenic exposure frequency) days/year	350	0
EF _. (mutagenic exposure frequency) days/year	350	0
EF _{.,} (mutagenic exposure frequency) days/year	350	210
EF _{__,} (mutagenic exposure frequency) days/year	350	0
EF _. (exposure frequency - adult) days/year	350	210
EF _. (exposure frequency - child) days/year	350	0
ET_ (exposure time) hours/day	24	8
ET _n (mutagenic exposure time) hours/day	24	0
ET _. (mutagenic exposure time) hours/day	24	0
ET _{__,} (mutagenic exposure time) hours/day	24	8
ET ₆₋₂₆ (mutagenic exposure time) hours/day	24	0

Site-specific Resident Soil Inputs

Variable	Resident Soil Default Value	Site-Specific Value
ET _{ad} (adult exposure time) hours/day	24	8
ET _{ch} (child exposure time) hours/day	24	0
THQ (target hazard quotient) unitless	0.1	1
IFS _{ad} (age-adjusted soil ingestion factor) mg/kg	36750	1660.079
IFS _{ch} (mutagenic age-adjusted soil ingestion factor) mg/kg	166833.3	4980.237
IR _{Sn} (mutagenic soil intake rate) mg/day	200	0
IR _S (mutagenic soil intake rate) mg/day	200	0
IR _S (mutagenic soil intake rate) mg/day	100	100
IR _S (mutagenic soil intake rate) mg/day	100	0
IR _S (soil intake rate - adult) mg/day	100	100
IR _S (soil intake rate - child) mg/day	200	0
LT (lifetime) years	70	70
SA _{ad} (mutagenic skin surface area) cm ² /day	2373	0
SA _{ch} (mutagenic skin surface area) cm ² /day	2373	0
SA _{ad} (mutagenic skin surface area) cm ² /day	6032	3841
SA _{ch} (mutagenic skin surface area) cm ² /day	6032	0
SA _{ad} (skin surface area - adult) cm ² /day	6032	3841
SA _{ch} (skin surface area - child) cm ² /day	2373	0
TR (target risk) unitless	1.0E-06	1.0E-06
T _g (groundwater temperature) Celsius	25	25
Theta (air-filled soil porosity) L _g /L _g	0.28396	0.28396
Theta _w (water-filled soil porosity) L _g /L _g	0.15	0.15
T (exposure interval) s	819936000	819936000
T (exposure interval) yr	26	26
U _m (mean annual wind speed) m/s	4.69	3.1
U _t (equivalent threshold value)	11.32	11.32
V (fraction of vegetative cover) unitless	0.5	0.5
VF _{mt} (volatilization factor - mass limit) m ³ /kg		

Site-specific

Resident Risk-Based Regional Screening Levels (RSL) for Soil

Key: I= IRIS; P = PPRTV; 0 = OPP; A= ATSDR; T = ATSDR DRAFT; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; R = ORD; N = WI; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca= cancer; nc = noncancer; * = where: nc SL< 100X ca SL; **= where nc SL< 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat= Csat exceeded.

Chemical	CAS Number	Mutagen?	Volatile?	Chemical Type	SF (mg/kg-day) ⁻¹	SF Ref ⁰ (ug/m ³) ⁻¹	IUR (mg/kg-day)	IUR Ref	RfD (mg/kg-day)	RfD Ref (mg/m ³)	Rte	RfC
Chromium(VI)	18540-29-9	Yes	No	Inorganics	5.00E-01	U	1.50E-01	U	3.00E-03	U	1.00E-04	U
				Soil Saturation Concentration (mg/kg)	S (mg/L)	K _{oc} (cm ³ /g)	K _d (cm ³ /g)	HLC (atm-m ³ /mole)	Henry's Law Constant Used in Cales (unitless)	H and HLC Ref	Normal Boiling Point (K)	Critical Temperature (K)
GIABS	ABS	RBA									BP Ref	T _c \ Ref
0.025	1				1.69E+06		1.90E+01					
				Volatilization								
Chemical Type	D _f (cm ² /s)	D _g (cm ² /s)	DA (cm ² /s)	Particulate Emission Factor (m ³ /kg)	Factor Unlimited Reservoir (m ³ /kg)	Volatilization Factor Mass Limit (m ³ /kg)	Volatilization Factor Selected (m ³ /kg)	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)		
INORGANIC				1.15E+11				1.03E+01		2.33E+04		
				Ingestion SL Child	Dermal SL Child	Inhalation SL Child	Noncarcinogenic SL Child	Ingestion SL Adult	Dermal SL Adult	Inhalation SL Adult	Noncarcinogenic SL Adult	Screening Level (mg/kg)
Carcinogenic SL	Child	Child	Child	Child	Child	Child	Child	Adult	Adult	Adult	Adult	
TR=1E-06 (mg/kg)	THQ=1 (mg/kg)	THQ=1 (mg/kg)	THQ=1 (mg/kg)	THQ=1 (mg/kg)	THI=1 (mg/kg)	THQ=1 (mg/kg)	THQ=1 (mg/kg)	THQ=1 (mg/kg)	THQ=1 (mg/kg)	THQ=1 (mg/kg)	THI=1 (mg/kg)	
1.03E+01						2.64E+03		6.00E+07		2.64E+03		1.03E+01 ca

Site-specific Composite Worker Soil Inputs

Variable	Composite Worker Soil Default Value	Site-Specific Value
A (PEFDispersionConstant)	16.2302	1.911
A (VF DispersionConstant)	11.911	11.911
A (VF DispersionConstant - mass limit)	11.911	11.911
B (PEFDispersionConstant)	18.7762	8.4385
B (VF DispersionConstant)	18.4385	18.4385
B (VF DispersionConstant - mass limit)	18.4385	18.4385
City (PEFClimateZone) Selection	Default	Los Angeles, CA
City (VFClimateZone) Selection	Default	Los Angeles, CA
C (PEFDispersionConstant)	216.108	209.7845
C (VF DispersionConstant)	209.7845	209.7845
C (VF DispersionConstant - mass limit)	209.7845	209.7845
foe (fractionorganiccarbon in soil) g/g	0.006	0.006
F(x) (functiondependent on U J U,) unitless	0.194	0.00474
n (total soil porosity) L /L.,.,	0.43396	0.43396
P (dry soil bulk density) g/cm ³	1.5	1.5
p (dry soil bulk density- mass limit) g/cm ³	1.5	1.5
PEF (particulate emissionfactor) m ³ /kg	3.544438	115076646918.83
P. (soil particle density) g/cm ³	2.65	2.65
Q/C.,.,.,. (g / m ² -s per kg/m ³)		68.183649948567
Q/C.,.,.,. (g / m ² -s per kg/m ³)		68.183649948567
Q/C.,.,.,. (g / m ² -s per kg/m ³ - mass limit)		68.183649948567
A (PEF acres)	0.5	0.5
A. (VF acres)	0.5	0.5
A. (VF mass-limit acres)	0.5	0.5
AF (skinadherence factor - composite worker) mg/cm ²	0.12	0.07
AT (averaging time- composite worker)	365	365
BW (body weight- composite worker)	80	80
ED _{com} (exposure duration- composite worker) yr	25	25

Site-specific Composite Worker Soil Inputs

Variable	Composite Worker Soil Default Value	Site-Specific Value
EF (exposurefrequency - compostie worker) day/yr	250	250
ET (exposuretime - composite worker) hr	8	8
THQ (targethazard quotient) unitless	0.1	1
IR,S (soil ingestionrate - composite worker) mg/day	100	100
LT (lifetime) yr	70	70
SA (surfacearea - composite worker) cm ² /day	3527	6032
TR (targetrisk) unitless	1.0E-06	1.0E-06
T _g (groundwater temperature) Celsius	25	25
Theta _a (air-filledsoil porosity) L _v /L _t	0.28396	0.28396
Thetaw _a (water-filled soil porosity) L _v /L _t	0.15	0.15
T (exposure interval)s	819936000	819936000
T (exposureinterval)l yr	26	26
U _m (mean annua l wind speed) mi s	4.69	.31
U _t (equ ivalent threshold value)	11.32	11.32
V (fraction of vegetative cover) unitless	0.5	0.5
VF _m (volitization factor - mass limit) m ³ /kg		0

Site-specific

Composite Worker Risk-Based Regional Screening Levels (RSL) for Soil

Key: I= IRIS; P = PPRTV; 0 = OPP; A= ATSDR; T = ATSDR DRAFT; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; R = ORD; N = WI; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca= cancer; nc = noncancer; * = where: nc SL< 100X ca SL; **= where nc SL< 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat= Csat exceeded.

															Soil Saturation Concentration	
Chemical	CAS Number	Mutagen?	Volatile?	Chemical Type	SF ₀ (mg/kg-day) ⁻¹	SF ₀ Ref	IUR (ug/m ³ , ¹)	IUR Ref	RfD (mg/kg-day)	RfD Ref	Rte (mg/m ³)	RfC Ref	GIABS	ABS	RBA	(mg/kg)
Chromium(VI)	18540-29-9	Yes	No	Inorganics	5.00E-01	U	1.50E-01	U	3.00E-03	U	1.00E-04	U	0.025		1	
S (mg/L)	KOG (cm ³ /g)	K \ (cm ³ /g)	HLC (atm-m ³ /mole)	Henry's Law Constant Used in Cales	H and HLC Ref	Normal Boiling Point (K)	BP Ref	Critical Temperature T \ (K)	T \ Ref	Chemical Type	D _g (cm ² /s)	D _g (cm ² /s)	DA \ (cm ² /s)	Particulate Emission Factor (m ³ /kg)	Volatilization Factor Unlimited Reservoir (m ³ /kg)	
1.69E+06		1.90E+01								INORGANIC				1.15E+11		
Volatili zation Factor	Volatilization Factor	Ingestion SL	Dermal SL	Inhalation SL	Carcinogenic SL	Ingestion SL	Derm al SL	Inhal ation SL	Nonc arcinogenic SL	Screening Level (mg/kg)						
Mass Limit (m ³ /kg)	Selected (m ³ /kg)	TR=1E-06 (mg/kg)	TR=1E-06 (mg/kg)	TR=1E-06 (mg/kg)	TR=1E-06 (mg/kg)	THQ=1 (mg/kg)	THQ=1 (mg/kg)	THQ=1 (mg/kg)	THI=1 (mg/kg)							
		6.54E+00		9.41E+03	6.54E+00	3.50E+03		5.04E+07	3.50E+03	6.54E+00 ca						

APPENDIX D

HUMAN HEALTH RISK ASSESSMENT (HHRA) NOTE NUMBER 11 Southern California Ambient Arsenic Screening Level

HUMAN HEALTH RISK ASSESSMENT (HHRA) NOTE NUMBER 11

Southern California Ambient Arsenic Screening Level



CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL (DTSC) HUMAN AND ECOLOGICAL RISK OFFICE (HERO)

RELEASE DATE: December 28, 2020

ISSUE

Mitigation or remediation is usually not undertaken to reduce the concentration of contaminants below ambient levels, which comprise both naturally occurring background with added anthropogenic source inputs (i.e., ambient) (US EPA, 2002). Background and ambient concentrations of some inorganic elements can exceed risk-based concentrations. This includes arsenic, where background as well as ambient concentrations exceed the risk-based soil concentration of 0.11 mg/kg (residential soils screening level, DTSC 2019).

SUMMARY OF AMBIENT ARSENIC SCREENING LEVEL DEVELOPMENT

Background inorganic elements in soil can prove problematic for risk assessment purposes because these elements detected at a site may be comprised of naturally occurring metals, regional anthropogenic contributions or a site-specific release. Arsenic is especially problematic since the risk-based soil concentration is 100-times below typical background and ambient soil concentrations at southern California sites not subject to site-specific releases of arsenic. DTSC collated a data set of soil concentrations from five southern California counties (Los Angeles, Orange, Riverside, San Bernardino and San Diego) and developed an upper-bound estimate of the regional ambient arsenic soil concentration that can be used as a screening tool for sites throughout southern California. Los Angeles County had the largest number of sites (19 school sites under DTSC regulation (Los Angeles Unified School District (LAUSD Data Set)) and the most robust arsenic data set (1097 discrete samples). This evaluation was initiated by the former DTSC Schools Division because the largest number of new schools in the State occurred within the LAUSD. The summary statistics for the LAUSD arsenic data set, excluding outliers, were calculated and the upper-bound arsenic concentration estimated using 1) the 95% Upper Confidence Limit of the 99th percentile ($UL_{0.95}(X_{0.99})$) of the arsenic data set, assuming a lognormal data distribution; and 2) the distribution-free, nonparametric estimate of the theoretical $UL_{0.95}(X_{0.99})$. Both statistical methods resulted in an upper-bound arsenic concentration

of approximately 12 mg/kg for the Los Angeles County data set (LAUSD Data Set).

The detailed statistical evaluation of the LAUSD arsenic data set can be found at <https://dtsc.ca.gov/wp-content/uploads/sites/31/2018/01/Arsenic-Cleanup-Goals-Jan09-A.pdf>. The 95% upper confidence limit of the mean (95% UCL) arsenic soil concentration was 2.4 mg/kg, for the Los Angeles County data set (Table 3). The DTSC residential use soil screening level for arsenic in soil is 0.11 mg/kg (DTSC 2019) resulting in a residential cancer risk estimate of 1E-04 for the upper-bound arsenic background screening concentration of 12 mg/kg and a residential cancer risk of 2E-05 for the 95% UCL arsenic concentration of 2.4 mg/kg.

Table 1, below, summarizes the county-based arsenic data sets for southern California.

Table 1

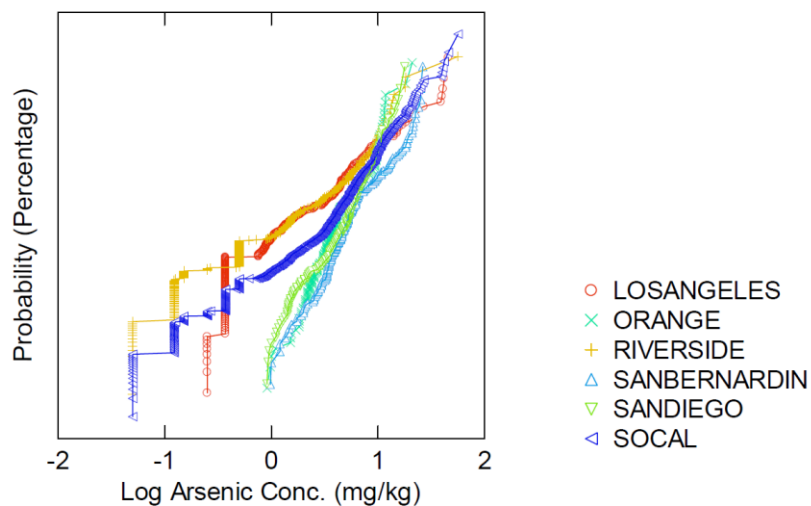
County	No. of School Sites	No. of Arsenic Samples (after outlier removal)
Los Angeles (LAUSD Study)	19	1086
Orange County	7	224
Riverside County	15	263
San Bernardino County	6	143
San Diego County	3	179
SoCal, Excluding LAUSD¹	31	809

¹ All data sets were combined, excluding LAUSD, in order to compare them to the benchmark LAUSD data set.

The upper-bound arsenic concentrations were similar to LA County samples for each of the other southern California counties (Orange, Riverside, San Bernardino and San Diego counties), based on the graphical interpretation of the probability plots summarized in Figure 1.

Figure 1

Probability Plots of Arsenic Data Sets by County



The upper bound arsenic concentration for each data set converges around 12 mg/kg. The differences observed in the lower tails of the data sets reflect the differences and variability in detection limits for non-detected values in data collected over a 10-year period. Figure 2 presents the probability plots for the LAUSD and combined southern California data sets. The data sets show generally good overlap and the combined southern California arsenic data set (i.e., arsenic samples from counties other than Los Angeles) is consistent with the upper bound arsenic concentration of 12 mg/kg derived from the larger LAUSD data set.

Figure 2

Probability Plots for LAUSD and Combined southern California County Data Sets

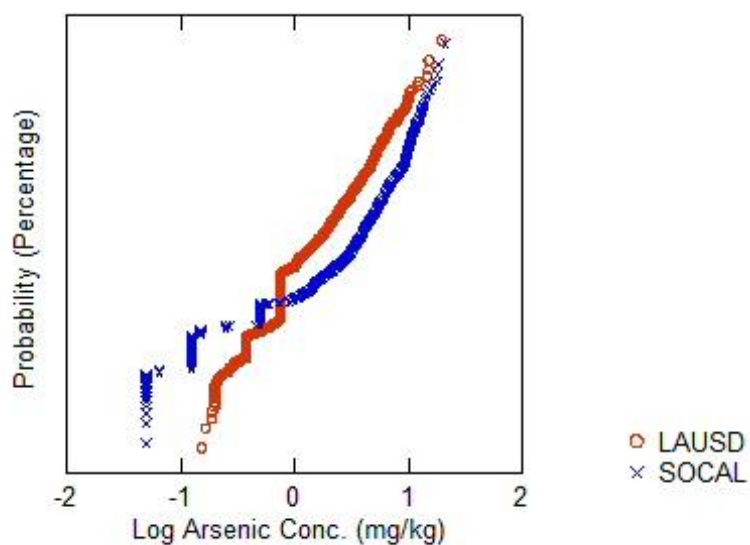


Figure 3 presents the box and whisker plots for the LAUSD Data Set and the southern California individual county data sets providing a comparison of the distributions of arsenic concentrations for each data set. All arsenic data sets were evaluated for outliers using graphical methods (probability plots and Q-Q plots) and outlier tests (Fourth Spread and ProUCL 5.1 Outlier Tests). While the data distributions are not identical, there is overall good overlap, as was shown by the distributions in the cumulative probability plots in Figures 1 and 2. The data sets with larger numbers of sites showed better overlap with the LAUSD Data Set, while data sets with fewer sites showed greater spread and variability.

Figure 3

Box Plots of the Southern California Data Sets

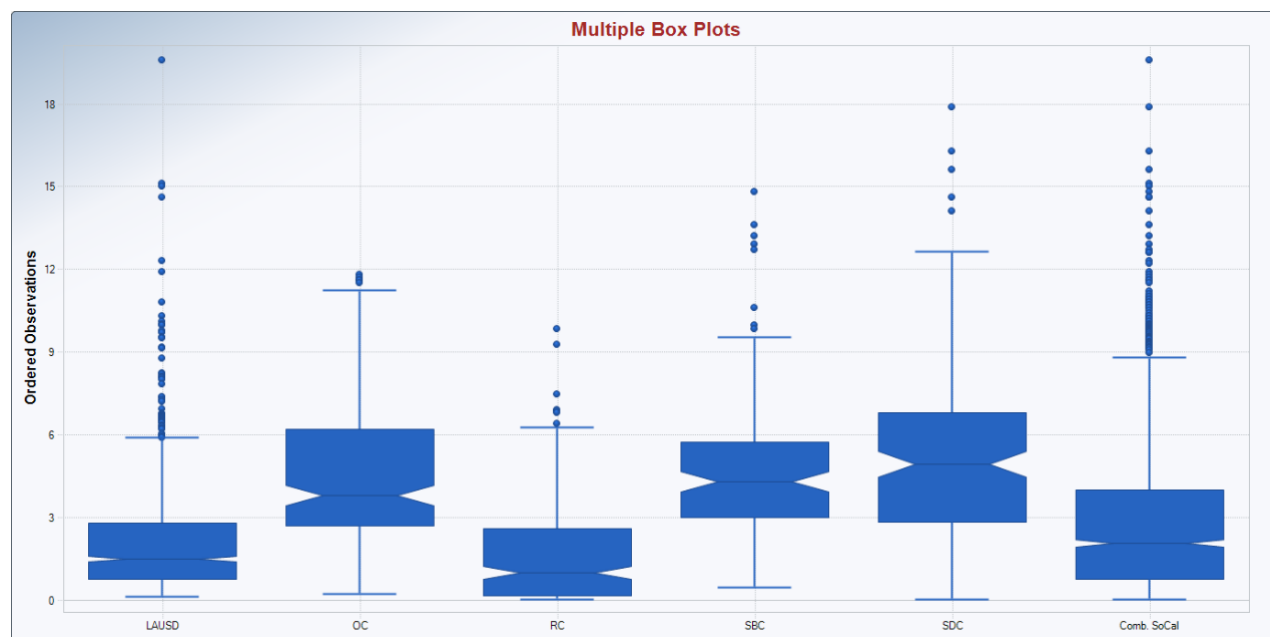
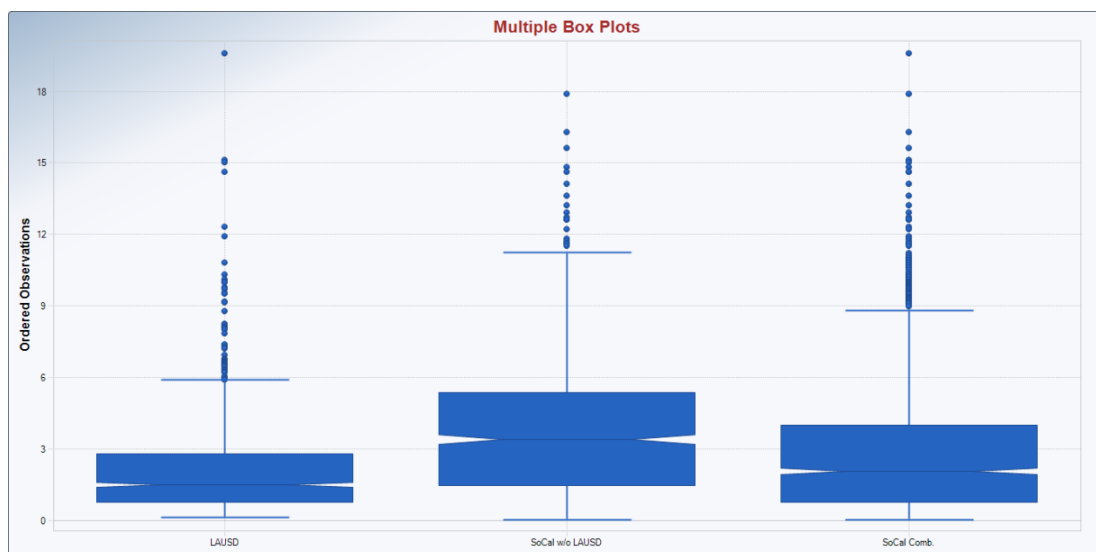


Figure 4 presents the box and whisker plots for the LAUSD data set, southern California data set without LAUSD, and the combined southern California data set.

Figure 4
Box Plots, Southern California Data Sets



To further evaluate the southern California arsenic data sets, ProUCL version 5.1 was used to estimate the Upper Tolerance Limit (UTL) arsenic concentrations, consistent with the original statistical evaluations described previously. The ProUCL UTL Outputs are included in Attachment 1. Table 2 summarizes the arsenic UTL estimates for the original LAUSD Data Set, the southern California Data Set excluding LAUSD and the Combined southern California Data Set. Given the robust number of samples in each data set, the 95% BCA Bootstrap UTL with 99th Percentile was used, consistent with the original statistical evaluations performed and described previously.

Table 2

ProUCL 5.1 Arsenic UTL Estimates, Southern California Arsenic Data

Summary Statistic	LA USD Data Set	SoCal Data Set, Excluding LAUSD	Combined SoCal Data Set
UTL with 99% Coverage	9.8 mg/kg	12.9	11.8

The ProUCL UTL estimates are consistent with the previous statistical evaluations and support an estimate of 12 mg/kg for the Combined Southern California Arsenic Data Set.

Table 3 summarizes the arsenic 95% UCL concentration estimates for the original LAUSD Data Set, the southern California Data Set excluding LAUSD and the Combined southern California Data Set. ProUCL Outputs are included in Attachment 2.

Table 3
Arsenic 95% UCL Estimates, Southern California Arsenic Data

Summary Statistic	LAUSD Data Set	SoCal Data Set, Excluding LAUSD	Combined SoCal Data Set
95% UCL Conc.	2.4 mg/kg	4.3 mg/kg	3.1 mg/kg

CONCLUSIONS AND RECOMMENDED USE:

The DTSC Site Mitigation and Restoration Program (SMRP) made a risk management decision on the acceptability of estimated risk associated with the upper-bound arsenic screening level for southern California soils.

Southern California site-specific soil concentrations which exceed 12 mg/kg may be indicative of releases of arsenic. Comparison of a site-specific 95% UCL of the mean to the 12 mg/kg upper bound concentration are statistically incorrect. The comparison, or statistical test, of site-specific 95%UCL of the mean should be to the southern California 95%UCL of the mean arsenic soil concentration of 3.1 mg/kg.

Some sites may exhibit higher levels of arsenic due to naturally occurring arsenic associated with certain geologic formations. The appropriate ambient arsenic level for these sites should be determined on a site-specific basis in consultation with the DTSC Geological Services Unit (GSU) Project Geologist and Human and Ecological Risk Office (HERO) Toxicologist. Site-specific soil arsenic concentrations, including site-specific background arsenic levels, will be evaluated on a site-by-site basis, again in consultation with the project Geologist and Toxicologist.

Specific issues which may need to be addressed to determine the applicability of the southern California ambient arsenic data set are:

1. The location of the site be within the geographic five-County distribution of the samples used to set the 12 mg/kg upper bound on the ambient arsenic concentration; or,

2. GSU confirm that the lithology of the site is similar enough to the lithology of the samples used to set the southern California ambient soil arsenic metrics, that a comparison is appropriate; and,
3. GSU confirm there are no outcroppings of rock at the site with elevated arsenic concentrations that would make the southern California ambient soil arsenic metrics comparison inappropriate.

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[https://www.epa.gov/sites/production/files/2015-11/documents/bkgpol_jan01.pdf]

DTSC, 2019. Human Health Risk Assessment (HHRA) Note Number 3, DTSC-Modified Screening Levels (DTSC-SLs), April 2019. [<https://dtsc.ca.gov/wp-content/uploads/sites/31/2019/04/HHRA-Note-3-2019-04.pdf>]

APPENDIX E

ProUCL

Attachment 1

ProUCL 5.1 UTL Outputs

Nonparametric Background Statistics for Uncensored Full Data Sets			
User Selected Options			
Date/Time of Computation	ProUCL 5.16/18/2019 1:02:12 PM		
From File	WorkSheet.xls		
Full Precision	OFF		
Confidence Coefficient	95%		
Coverage	95%		
Number of Bootstrap Operations	2000		
LAUSD			
General Statistics			
Total Number of Observations	1086	Number of Distinct Observations	459
Minimum	0.154	First Quartile	0.75
Second Largest	15.1	Median	1.5
Maximum	19.6	Third Quartile	2.8
Mean	2.14	SD	2.016
Coefficient of Variation	0.942	Skewness	2.66
Mean of logged Data	0.412	SD of logged Data	0.84
Critical Values for Background Threshold Values (BTVs)			
Tolerance Factor K (For UTL)	1.724	d2max (for USL)	3.898
Nonparametric Distribution Free Background Statistics			
Data do not follow a Discernible Distribution (0.05)			
Nonparametric Upper Limits for Background Threshold Values			
Order of Statistic, r	1043	95% UTL with 95% Coverage	6.34
Approx, f used to compute achieved CC	1.248	Approximate Actual Confidence Coefficient achieved by UTL	0.937
		Approximate Sample Size needed to achieve specified CC	1103
95% Percentile Bootstrap UTL with 95% Coverage	6.33	95% BCA Bootstrap UTL with 95% Coverage	6.3
95% UPL	5.77	90% Percentile	4.695
90% Chebyshev UPL	8.19	95% Percentile	5.743
95% Chebyshev UPL	10.93	99% Percentile	9.82
95% USL	19.6		
Note: The use of USL tends to yield a conservative estimate of BTV, especially when the sample size starts exceeding 20. Therefore, one may use USL to estimate a BTV only when the data set represents a background data set free of outliers and consists of observations collected from clean unimpacted locations.			
The use of USL tends to provide a balance between false positives and false negatives provided the data represents a background data set and when many onsite observations need to be compared with the BTV.			

SoCal w/o LAUSD			
General Statistics			
Total Number of Observations	809	Number of Distinct Observations	400
Minimum	0.05	First Quartile	1.46
Second Largest	16.3	Median	3.4
Maximum	17.9	Third Quartile	5.37
Mean	3.832	SD	3.067
Coefficient of Variation	0.8	Skewness	1.099
Mean of logged Data	0.834	SD of logged Data	1.27
Critical Values for Background Threshold Values (BTVs)			
Tolerance Factor K (For UTL)	1.736	d2max (for USL)	3.823
Nonparametric Distribution Free Background Statistics			
Data do not follow a Discernible Distribution (0.05)			
Nonparametric Upper Limits for Background Threshold Values			
Order of Statistic, r	778	95% UTL with 95% Coverage	10.4
Approx, f used to compute achieved CC	1.28	Approximate Actual Confidence Coefficient achieved by UTL	0.93
		Approximate Sample Size needed to achieve specified CC	831
95% Percentile Bootstrap UTL with 95% Coverage	10.36	95% BCA Bootstrap UTL with 95% Coverage	10.4
95% UPL	9.975	90% Percentile	8.286
90% Chebyshev UPL	13.04	95% Percentile	9.958
95% Chebyshev UPL	17.21	99% Percentile	12.88
95% USL	17.9		
Note: The use of USL tends to yield a conservative estimate of BTV, especially when the sample size starts exceeding 20. Therefore, one may use USL to estimate a BTV only when the data set represents a background data set free of outliers and consists of observations collected from clean unimpacted locations. The use of USL tends to provide a balance between false positives and false negatives provided the data represents a background data set and when many onsite observations need to be compared with the BTV.			

Comb. SoCal

General Statistics

Total Number of Observations	1895	Number of Distinct Observations	677
Minimum	0.05	First Quartile	0.75
Second Largest	17.9	Median	2.05
Maximum	19.6	Third Quartile	4
Mean	2.862	SD	2.653
Coefficient of Variation	0.927	Skewness	1.755
Mean of logged Data	0.592	SD of logged Data	1.066

Critical Values for Background Threshold Values (BTVs)

Tolerance Factor K (For UTL)	1.704	d2max (for USL)	4.035

Nonparametric Distribution Free Background Statistics

Data do not follow a Discernible Distribution (0.05)

Nonparametric Upper Limits for Background Threshold Values

Order of Statistic, r	1815	95% UTL with 95% Coverage	9.3
Approx, f used to compute achieved CC	1.179	Approximate Actual Confidence Coefficient achieved by UTL	0.936
		Approximate Sample Size needed to achieve specified CC	1919
95% Percentile Bootstrap UTL with 95% Coverage	9.3	95% BCA Bootstrap UTL with 95% Coverage	9.3
95% UPL	8.522	90% Percentile	6.212
90% Chebyshev UPL	10.82	95% Percentile	8.486
95% Chebyshev UPL	14.43	99% Percentile	11.81
95% USL	19.6		

Note: The use of USL tends to yield a conservative estimate of BTV, especially when the sample size starts exceeding 20.

Therefore, one may use USL to estimate a BTV only when the data set represents a background data set free of outliers and consists of observations collected from clean unimpacted locations.

The use of USL tends to provide a balance between false positives and false negatives provided the data represents a background data set and when many onsite observations need to be compared with the BTV.

Attachment 2

ProUCL 5.1 95% UCL Outputs

Nonparametric UCL Statistics for Uncensored Full Data Sets			
User Selected Options			
Date/Time of Computation	ProUCL 5.16/18/2019 1:21:47 PM		
From File	WorkSheet.xls		
Full Precision	OFF		
Confidence Coefficient	95%		
Number of Bootstrap Operations	2000		
LAUSD			
General Statistics			
Total Number of Observations	1086	Number of Distinct Observations	459
		Number of Missing Observations	0
Minimum	0.154	Mean	2.14
Maximum	19.6	Median	1.5
SD	2.016	Std. Error of Mean	0.0612
Coefficient of Variation	0.942	Skewness	2.66
Mean of logged Data	0.412	SD of logged Data	0.84
Nonparametric Distribution Free UCL Statistics			
Data do not follow a Discernible Distribution (0.05)			
Assuming Normal Distribution			
95% Normal UCL		95% UCLs (Adjusted for Skewness)	
95% Student's-t UCL	2.241	95% Adjusted-CLT UCL (Chen-1995)	2.246
		95% Modified-t UCL (Johnson-1978)	2.241
Nonparametric Distribution Free UCLs			
95% CLT UCL	2.241	95% Jackknife UCL	2.241
95% Standard Bootstrap UCL	2.24	95% Bootstrap-t UCL	2.248
95% Hall's Bootstrap UCL	2.248	95% Percentile Bootstrap UCL	2.242
95% BCA Bootstrap UCL	2.249		
90% Chebyshev(Mean, Sd) UCL	2.323	95% Chebyshev(Mean, Sd) UCL	2.407
97.5% Chebyshev(Mean, Sd) UCL	2.522	99% Chebyshev(Mean, Sd) UCL	2.749
Suggested UCL to Use			
95% Chebyshev (Mean, Sd) UCL	2.407		
Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.			
Recommendations are based upon data size, data distribution, and skewness.			
These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).			
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.			

SoCal w/o LAUSD	
General Statistics	
Total Number of Observations	809
Minimum	0.05
Maximum	17.9
SD	3.067
Coefficient of Variation	0.8
Mean of logged Data	0.834
Number of Distinct Observations	400
Number of Missing Observations	0
Mean	3.832
Median	3.4
Std. Error of Mean	0.108
Skewness	1.099
SD of logged Data	1.27
Nonparametric Distribution Free UCL Statistics	
Data do not follow a Discernible Distribution (0.05)	
Assuming Normal Distribution	
95% Normal UCL	
95% Student's-t UCL	4.009
95% UCLs (Adjusted for Skewness)	
95% Adjusted-CLT UCL (Chen-1995)	4.013
95% Modified-t UCL (Johnson-1978)	4.01
Nonparametric Distribution Free UCLs	
95% CLT UCL	4.009
95% Standard Bootstrap UCL	4.01
95% Hall's Bootstrap UCL	4.012
95% BCA Bootstrap UCL	4.026
90% Chebyshev(Mean, Sd) UCL	4.155
97.5% Chebyshev(Mean, Sd) UCL	4.505
95% Jackknife UCL	4.009
95% Bootstrap-t UCL	4.023
95% Percentile Bootstrap UCL	4.009
95% Chebyshev(Mean, Sd) UCL	4.302
99% Chebyshev(Mean, Sd) UCL	4.904
Suggested UCL to Use	
95% Chebyshev (Mean, Sd) UCL	4.302
Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL. Recommendations are based upon data size, data distribution, and skewness. These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006). However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.	

Comb. SoCal			
General Statistics			
Total Number of Observations	1895	Number of Distinct Observations	677
Minimum	0.05	Number of Missing Observations	0
Maximum	19.6	Mean	2.862
SD	2.653	Median	2.05
Coefficient of Variation	0.927	Std. Error of Mean	0.061
Mean of logged Data	0.592	Skewness	1.755
		SD of logged Data	1.066
Nonparametric Distribution Free UCL Statistics			
Data do not follow a Discernible Distribution (0.05)			
Assuming Normal Distribution			
95% Normal UCL		95% UCLs (Adjusted for Skewness)	
95% Student's-t UCL	2.962	95% Adjusted-CLT UCL (Chen-1995)	2.965
		95% Modified-t UCL (Johnson-1978)	2.963
Nonparametric Distribution Free UCLs			
95% CLT UCL	2.962	95% Jackknife UCL	2.962
95% Standard Bootstrap UCL	2.962	95% Bootstrap-t UCL	2.966
95% Hall's Bootstrap UCL	2.97	95% Percentile Bootstrap UCL	2.966
95% BCA Bootstrap UCL	2.961		
90% Chebyshev(Mean, Sd) UCL	3.045	95% Chebyshev(Mean, Sd) UCL	3.128
97.5% Chebyshev(Mean, Sd) UCL	3.243	99% Chebyshev(Mean, Sd) UCL	3.469
Suggested UCL to Use			
95% Chebyshev (Mean, Sd) UCL	3.128		
Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.			
Recommendations are based upon data size, data distribution, and skewness.			
These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).			
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.			