

SITE INVESTIGATION REPORT

434 Allens Avenue
Providence, Rhode Island

December 12, 2023

Prepared For:

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Prepared By:



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LSE Project Number: 09050H10



Environmental Assessment, Remediation and Compliance Solutions

December 12, 2023

Mr. Richard Nicholson
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9 Thurber Boulevard, Ste. D
Smithfield, RI 02917

RE: Site Investigation Report
Rhode Island Recycled Metals, LLC Site
434 Allens Avenue
Providence, RI
LSE Proposal No. 09050H10

Dear Mr. Nicholson:

The following Site Investigation Report (SIR) was prepared for the above-referenced site in accordance with Section 1.8 (Site Investigation) of the Rules and Regulations for the Investigation and Remediation of Hazardous Material Releases (Remediation Regulations) as amended (January 4, 2022).

If you have any questions regarding this Site Investigation Report or the project in general, please feel free to contact the undersigned.

Sincerely,

A handwritten signature in black ink that reads "David J. Hazebrouck".

David J. Hazebrouck, P.G., LSP, LEP
Principal

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1.0 PROJECT BACKGROUND

The 13-acre subject Site is identified as Assessors Plat 47, Lot 601 and Plat 55, Lot 10 in the City of Providence, RI municipal records. A Site Locus Map is provided in [Figure 1](#). The Site is bordered by Allens Avenue to the west, maritime/industrial land to the north and south, and the Providence River to the east.

1.1 Prior Site Characterization

To our knowledge, the following represents the prior Site characterization completed for the Site:

- Rhode Island Department of Environmental Management conducted a Preliminary Assessment of the Property in April 1989.
- A Final Site Inspection Report was completed by Environmental Protection Agency (EPA) contractor (Roy F. Weston) on February 19, 1993.
- EPA collected 134 samples of shredding waste, soil, dust, and capacitors for Polychlorinated Biphenyls (PCB) analysis in March 1998.
- Mapleville Main, Inc. (former owners) submitted a PCB Cleanup Verification Report in April 1998. This was later revised in February 1999.
- FJA Environmental Associates conducted a Limited Subsurface Investigation on June 23, 2011.
- A Phase I Environmental Site Assessment Report (ESA) was completed at the Site by Lake Shore Environmental (LSE) and dated May 9, 2013.
- A Phase I ESA was completed at the Site by Coneco on October 23, 2015.
- A Phase II Subsurface Investigation Report was completed by Coneco on March 8, 2016.

2.0 SITE INVESTIGATION SCOPE (1.8.3)

2.1 SIR Objectives (1.8.3-1)

The objectives of this Site Investigation Report (SIR) are to:

- 1) Describe recognized environmental concerns (RECs),
- 2) Summarize the nature and extent of any confirmed oil and hazardous material (OHM) releases to environmental media identified during both prior and current Site investigations including contaminants of concern (COC), migration pathways, and distribution in Site soils and as applicable, in groundwater,
- 3) Evaluate potential receptors of any identified contaminants and assess potential risks to human health and the environment, and

- 4) Evaluate a minimum of two remedial alternatives and select the preferred remedy(s) for achieving compliance with Method 1 Objectives.

2.2 Prior Release Notifications (1.8.3-2)

To LSE's knowledge, no formal release notification form has been submitted to RIDEM regarding the subject Site. However, as part of a consent decree with the US EPA that was completed by Boliden-Metech in 1998/1999, former releases of polychlorinated biphenyls (PCBs) were characterized and remediated.

2.3 Documented Historical Releases (1.8.3-3)

There have been documented historical releases at this Site. In the 1980s and 1990s, EPA was involved in characterizing PCB impacts at the Site resulting from precious metal recovery/recycling operations by former Property owner, Boliden-Metech. Following the characterization and remediation of the Site using a combination of excavation/offsite disposal and onsite engineered controls, institutional controls (i.e. Environmental Land Use Restriction) were implemented to restrict Site use and soil/cap disturbances.

During a 2016 Phase II Subsurface Investigation of the Site prepared by Coneco, Total Petroleum Hydrocarbons (TPH), lead, arsenic, and benzo(a)pyrene was detected in Site soils at concentrations exceeding the Industrial/Commercial (I/C) Direct Exposure Criteria (DEC) in Site soils. Seven groundwater samples were collected from on-site monitoring wells and no Volatile Organic Compounds (VOCs), TPH, PCBs, or metals were found to exceed applicable GB Groundwater Objectives (GB-GWO).

2.4 Historical Owners/Operators (1.8.3-4)

The subject Site was originally a residential dwelling in the late 1800s. It was purchased by William M. Harris in 1909, who began a lumber company at the subject Site. James A. Potter, who acquired the property in 1923, was a dealer in southern hard pine. The Wallace & Tucker Lumber Company operated at the subject Site through 1957. Based on the Sanborn Maps, the subject Site was improved with a lumber mill in the middle of the lot and railroad track that ran through the site and out into the water. In 1972 the property was acquired by Texaco Inc. and operated by Pennsylvania Petroleum Products for the sale of petroleum products.

Refinement International Co. acquired the property in 1979. The company operated a discontinued precious metals recycling operation from 1979 through 1983 when it sold the subject Site to Boliden-Metech Inc. The Boliden-Metech company conducted precious metal recovery/recycling operations.

The subject Site was acquired by ACR Realty Inc. (Antonio Ramos) in July 2005. LSE understands that ACR Realty utilized the Site for a period of time to store finished stonework and ornamental stone. Since 2009, Rhode Island Recycled Metals, LLC (RIRM) has occupied

the Site and current business operations include salvage of ferrous metal material consisting of scrapped automobiles, structure steel (steel beams, etc.), and light iron in the form of appliances.

The subject Site was purchased by AARE, LLC in 2014 and is currently used by RIRM for the salvage and recycling of ferrous and non-ferrous metals, including the salvage of marine vessels and infrastructure.

The land evidence records for Assessors Plat 47, Lot 601 and Assessors Plat 55, Lot 10 were reviewed by LSE at the City of Providence City Clerk’s office. Title card and deed records date back to 1909.

Record of Ownership: Plat 47 Lot 601 & Plat 55 Lot 10	Book / Page	Date Recorded
AARE, LLC	10842/26	4/17/2014
ACR Realty Inc.	7413/3	7/5/2005
Boliden Metech Inc	1243/379	4/4/1983
Refinement International Co.	1216/656	11/9/1979
Texaco Inc.	1170/1033	10/25/1972
Nelson G. & Mary G. Burke	1061/377	3/11/1957
National Real Estate Investment Co.	860/310	12/30/1944
James H. Doorley	870/45	8/21/1944
Brooks-Scanlon Corporation and Putnam Lumber Co.	809/316	12/8/1937
James A. Potter Real Estate Co.	635/259	5/1/1923
Frederick S. Peck	576/383	10/21/1918
William M. Harris	504/32	2/27/1909
Mary Taber & Sydney R. Taber	unknown	unknown

2.5 Previously Obtained Site Characterization Data (1.8.3-5)

From 1986 to 1988, extensive sampling activities have been conducted at the Site by RIDEM, EPA and MMI (Boliden). The associated analytical results indicated elevated levels of PCBs and metals in source (i.e. shredded) material with lower levels in subsurface soils.

In November 1988, MMI contracted Cahill and Associated to conduct test pit investigations including PCB analysis of 143 soil samples from 7 test pits. The Cahill study determined that PCBs in shredded material piles was not significantly leaching into subsurface soils or groundwater.

A Preliminary Assessment of the MMI Property was completed by RIDEM in April 1989 and determined that the metals shredding operations at the Site had released PCBs. Consequently, a Final Site Inspection Report (FSIR) was completed by EPA’s contractor (Roy F. Weston) that included environmental sampling on July 29, 1992. The FSIR was submitted on February 19, 1993. In July 1992, EPA collected 6 sediment samples from the waterfront of the MMI site, upstream and the abutting tidal inlet to the south. No PCBs were detected in any sediment sample at depths of 10 to 15 inches. Elevated metals were detected in 3 of the sediment samples, with the highest metals detected at the abutting tidal inlet that receives overland flow from the

MMI site as well as stormwater from Allens Avenue from a combined sewer that receives raw sewerage during storms.

In March 1998, EPA collected 134 samples of shredding waste, soil, dust, and capacitors for analysis of PCBs with 13 additionally analyzed for lead.

As part of a Consent Decree with EPA in 1994, MMI completed limited excavation/off-site disposal of PCB hot spots totaling 5,947 tons of PCB-contaminated soil and capped the Site with approximately 8,000 cubic yards of imported soil that was covered with a vegetative layer. The net volume of soil imported to the Site for use as a cap (4,036 cubic yards) was placed over the Site at a thickness of 1 foot. The source of the imported cap material is not identified in the Vanasse Hangen Brustlin, Inc. (VHB) report. This cleanup was documented in a report entitled: PCB Cleanup Verification Report (April 1998, revised February 1999). The report documents the collection of over 250 surficial soil samples collected for cleanup verification. None of the verification samples contained PCBs at a concentration greater than 10 parts per million (ppm). Part of the remedy for the Site included the recording of an environmental land use restriction (ELUR) on February 2, 2003. In addition to MMI's construction of a Site-wide engineered barrier and recording of an ELUR at the Property, 8 groundwater monitoring wells were also installed by MMI as part of corrective actions at the Site. Only 1 of the 7 wells contained PCBs which was detected at a concentration of 2.5 micrograms per liter (ug/l).

In a report submitted to RIDEM's Office of Compliance and Inspection dated June 23, 2011, FJA Environmental Associates provided the findings of a "Limited Subsurface Investigation" associated with the limited excavation of oil-impacted soil resulting from a hydraulic line leak. Two shallow post-excavation compliance samples confirmed that no VOCs, TPH or metals exceeded applicable RIDEM Soil Objectives.

As part of a proposed sediment dredge project just east of the RIRM facility, 4 sediment samples were collected on December 2, 2010 and analyzed. Analytical results determined that total PCB concentrations ranged from below detection to 18 milligrams per kilogram (mg/kg). Various semi volatile organic compounds (SVOCs/PAHs) were detected with 3 containing one or more PAH constituents at concentrations exceeding RIDEM Soil Objectives. Lead was detected in all samples at concentrations ranging from 9.5 to 350 mg/kg and arsenic was detected in all samples at concentrations ranging from 3.1 to 12 mg/kg.

Current owners AARE, LLC subsequently entered a lease/purchase agreement to utilize the referenced Site by RIRM for automotive/metal recycling operations. In order to allow RIRM to establish a baseline of groundwater quality before initiation of their own metal recycling operations at the Site, a groundwater monitoring event was completed by LSE in August 2009 and a second monitoring event was completed in October 2011. Analytical results from both events confirmed that groundwater quality at the Site has been minimally impaired by historic and ongoing Site activities and no constituent concentrations were found to exceed GB Groundwater Objectives. LSE also collected 12 soil samples from two soil stockpiles excavated

in 2015 to create a ramp to facilitate vessel salvage activities. Analytical results indicated that PCB concentrations in the stockpiles ranged from the reporting limit of 0.1 mg/kg to 0.92 mg/kg and none of the detected PCB concentrations exceeded RIDEM's Method 1 direct exposure criteria or leachability criteria of 10 ppm (mg/kg). The highest total PCB concentration detected was 1.78 ppm in one of twelve samples tested.

In a Phase II Subsurface Investigation Report for the Site prepared by Coneco and dated March 8, 2016, sampling of Site soil (11 direct-push borings), the 2 existing soil stockpiles, sediment (8 samples), and groundwater (7 monitoring wells) was completed.

- The only contaminant to exceed Industrial/Commercial Direct Exposure Criteria (I/C-DEC) in the 2 existing soil stockpiles was benzo(a)pyrene and lead in one pile; no VOCs, TPH, or PCBs exceeded corresponding I/C-DEC.
- Of the 13 soil boring samples analyzed for VOCs, TPH, PCBs, and metals, the only contaminants found to exceed the I/C-DEC were total petroleum hydrocarbons (TPH, 3 samples), arsenic (6 samples), and lead (3 samples).
- Of the 7 groundwater samples analyzed, no VOCs, TPH or metals exceeded applicable GB Groundwater Objectives.
- Of the 8 sediment samples analyzed, no VOCs, TPH, PCBs or metals were found to exceed analogous I/C-DEC.
- Of the soil stockpile samples, one stockpile was found to have a benzo(a)pyrene and lead I/C-DEC exceedances. No VOCs, TPH, or PCBs exceeded corresponding I/C-DEC.

2.6 Characterization of Current Activities and Zoning at the Site (1.8.3-6)

The subject Site is currently an operating metals recycling facility that is mostly unpaved with several areas containing concrete slabs associated with former buildings. Current improvements include an office trailer, a brick storage building, two temporary quonset-style canopy enclosures and a weight scale.

The property is zoned as W-3, which is a Port/Maritime Industrial Waterfront district.

2.7 Site Locus Map (1.8.3-7)

A Site Locus map based on a USGS Quadrangle map is presented within this SIR as [Figure 1](#).

2.8 Site Plans (1.8.3-8)

Aerial photo-based Site Plans presented as [Figure 2A](#), [Figure 2B](#), and [Figure 2C](#) show relevant Site features as well as soil and groundwater sampling locations at the site. The Figures show:

- a) a north arrow and scale
- b) all environmental sampling locations
- c) property lines

2.9 General Characterization of the Property and Surrounding Areas affected by the Release (1.8.3.A9)

- a) The Providence River is the nearest natural surface water body to the Site, which abuts the Site to the East. The Providence River is tidally influenced and is classified by RIDEM as Class SB1 {A} surface water (RIDEM, 2010), defined in section 2.10 below.
- b) Other than the Providence River, there are no other environmentally sensitive areas located within 500 feet of the Site.
- c) Public water is available at the Site and at all abutting developed properties.
- d) Review of the RIDEM Wellhead Protection Area Map indicates that the Site is not located within a half-mile of either a community or non-community designated well head protection area.
- e) The release of OHM in Site soils is associated with the Site's historic use with shredding and/or recycling metals.
- f) Groundwater at the Site is classified as GB as defined in Section 2.10 below. Groundwater monitoring wells were installed and sampled for VOCs, TPH, and PCBs as part of the Phase II investigations.

2.10 Surface and Groundwater Classification near the Site (1.8.3-10)

The quality of groundwater beneath the Site is classified by RIDEM as GB. Groundwater classified GB are those groundwater sources that are presumed unsuitable for use as a public or private drinking water supply without prior treatment (RIDEM, 2010).

The closest surface water body to the Site is the Providence River, which abuts the eastern portion of the Site. RIDEM classifies the Providence River as Class SB1 {a} water (RIDEM, 2010). These waters are designated for primary and secondary contact recreational activities and fish and wildlife habitat. They shall be suitable for compatible industrial processes and cooling, hydropower, aquacultural uses, navigation, and irrigation and other agricultural uses. These waters shall have good aesthetic value. Primary contact recreational activities may be impacted due to pathogens from approved wastewater discharges.

The September 18, 2013 FEMA Flood Insurance Rate Map for the City of Providence shows the Site as being in Without Base Flood Elevation (BFE), which are areas determined to be special flood hazard areas.

2.11 Characterization of Contamination Resulting from Releases at the Site (1.8.3-11)

a) There are no free liquids on the surface at the subject Site. However, following a rain event, there were a few large puddles that had formed as observed during the sampling on November 8th, 2023.

b) Concentrations of COCs are described below:

Concentrations of Contaminants in Soil Gas

On November 3, 2023 LSE personnel collected 18 spatially representative soil samples from nine direct-push borings at the Site. Four additional soil samples were collected from the two soil stockpiles present on the eastern portion of the Site. Sampling locations for the November 3 sampling event of the borings and stockpiles are presented in [Figure 2A](#). On November 8, 2023, LSE personnel returned to the Site to collect surficial soil samples at depths from 0-2 ft-bg from 12 representative locations throughout the Site as presented in [Figure 2B](#). Soil samples were initially field screened for the presence of volatile compounds using jar headspace methods with a photoionization detector (PID) (Ion Science Phocheck Tiger-LT) equipped with a 10.6 eV lamp and calibrated daily to 100 parts per million volume (ppmv) of isobutylene.

The following table provides a summary of the PID soil screening data:

Table 1 – Soil Sample Field Screening Results
434 Allens Ave, Providence, RI

Soil Boring	Date Collected	Sample Depth (feet below grade)	PID Response (ppmv)	Laboratory Analyses
B1-S1	11/3/2023	0-2	0.1	TPH, VOCs, Semi-VOCs, PCBs, PP13 Metals
B1-S2	11/3/2023	5-7	0.3	TPH, VOCs, Semi-VOCs, PCBs, PP13 Metals
B2-S1	11/3/2023	0-2	1.8	TPH, VOCs, Semi-VOCs, PCBs, PP13 Metals
B2-S2	11/3/2023	5-7	0.6	TPH, VOCs, Semi-VOCs, PCBs, PP13 Metals
B3-S1	11/3/2023	0-2	0.5	TPH, VOCs, Semi-VOCs, PCBs, PP13 Metals
B3-S2	11/3/2023	5-7	1.5	TPH, VOCs, Semi-VOCs, PCBs, PP13 Metals
B4-S1	11/3/2023	0-2	0.6	TPH, VOCs, Semi-VOCs, PCBs, PP13 Metals
B4-S2	11/3/2023	5-7	0.7	TPH, VOCs, Semi-VOCs, PCBs, PP13 Metals
B5-S1	11/3/2023	0-2	0.2	TPH, VOCs, Semi-VOCs, PCBs, PP13 Metals
B5-S2	11/3/2023	5-7	0.3	TPH, VOCs, Semi-VOCs, PCBs, PP13 Metals
B6-S1	11/3/2023	0-2	1.3	TPH, VOCs, Semi-VOCs, PCBs, PP13 Metals
B6-S2	11/3/2023	5-7	1.2	TPH, VOCs, Semi-VOCs, PCBs, PP13 Metals
B7-S1	11/3/2023	0-2	0.4	TPH, VOCs, Semi-VOCs, PCBs, PP13 Metals
B7-S2	11/3/2023	5-7	0.5	TPH, VOCs, Semi-VOCs, PCBs, PP13 Metals
B8-S1	11/3/2023	0-2	0.2	TPH, VOCs, Semi-VOCs, PCBs, PP13 Metals
B8-S2	11/3/2023	5-7	4.4	TPH, VOCs, Semi-VOCs, PCBs, PP13 Metals
B9-S1	11/3/2023	0-2	0.3	TPH, VOCs, Semi-VOCs, PCBs, PP13 Metals
B9-S2	11/3/2023	5-7	0.4	TPH, VOCs, Semi-VOCs, PCBs, PP13 Metals
SP-1	11/3/2023	NA	0.2	TPH, VOCs, Semi-VOCs, PCBs, PP13 Metals
SP-2	11/3/2023	NA	0.1	TPH, VOCs, Semi-VOCs, PCBs, PP13 Metals

Soil Boring	Date Collected	Sample Depth (feet below grade)	PID Response (ppmv)	Laboratory Analyses
SP-3	11/3/2023	NA	0.1	TPH, VOCs, Semi-VOCs, PCBs, PP13 Metals
SP-4	11/3/2023	NA	0.3	TPH, VOCs, Semi-VOCs, PCBs, PP13 Metals
SS-1	11/8/2023	0-2	0.2	TPH, Lead, Arsenic
SS-2	11/8/2023	0-2	0.4	TPH, Lead, Arsenic
SS-3	11/8/2023	0-2	0.1	TPH, Lead, Arsenic
SS-4	11/8/2023	0-2	0.1	TPH, Lead, Arsenic
SS-5	11/8/2023	0-2	0.2	TPH, Lead, Arsenic
SS-6	11/8/2023	0-2	3.5	TPH, Lead, Arsenic
SS-7	11/8/2023	0-2	0.2	TPH, Lead, Arsenic
SS-8	11/8/2023	0-2	3.2	TPH, Lead, Arsenic
SS-9	11/8/2023	0-2	0.3	TPH, Lead, Arsenic
SS-10	11/8/2023	0-2	0.1	TPH, Lead, Arsenic
SS-11	11/8/2023	0-2	0.4	TPH, Lead, Arsenic
SS-12	11/8/2023	0-2	0.2	TPH, Lead, Arsenic

B1-S1: Boring Sample
SP-1: Soil Stockpile Sample
SS-1: Surficial Soil Sample

Based on jar-headspace screening results, elevated PID responses were not recorded.

Concentrations of Contaminants in Soil

On November 3, 2023, LSE directed the advancement of direct-push borings to conduct soil sampling for field screening and laboratory analysis in spatially representative areas of the Site. Under contract to LSE, Hoffman Environmental Services (HES) utilized a truck-mounted Model 6600 Geoprobe rig to advance the direct-push rods. Soil sampling was achieved using a 5-foot long Macro-core sample barrel driven by five-foot lengths of two-inch diameter threaded steel drive pipe. Specific areas selected for soil borings are shown in Figure 2A and included:

- B1: Located in the west portion of the parcel, close to Allens Avenue.
- B2: Located in the southwestern portion of the parcel, north of the office and weigh station.
- B3: Located in the northwestern portion of the parcel, just southwest of the northern canopy.
- B4: Located in the southern portion of the parcel, east of the weigh station and west of the southern canopy. MW-2 was installed in this boring.
- B5: Located in the central portion of the parcel.
- B6: Located in northeastern portion of the parcel, east of the northern canopy. MW-1 was installed in this boring.

- B7: Located in the southeastern portion of the parcel. MW-3 was installed in this boring.
- B8: Located in the northeastern portion of the parcel, just south of the northern soil stockpile.
- B9: Located in southeastern portion of the parcel, just south of the southern soil stockpile.

Borings B1, B2, B3, B5, B8, and B9 were advanced to a depth of 10 feet below grade (ft-bg). Borings B4, B6, and B7 were sampled from 0-10 ft-bg, and then pushed to 15 ft-bg for the installation of monitoring wells.

At each soil boring, field screening results and visual observations of soil quality were reviewed. Soil samples were collected from each boring representative of soils from 0-2 ft-bg and 5-7 ft-bg. Each of these samples were also field screened using a PID. Based on Site historical uses, as well as previous environmental site investigations, expected COCs included VOCs, semi-VOCs, Priority Pollutant 13 (PP13) metals, PCBs, and TPH. Two samples from each boring were analyzed for the full suite of COCs.

The soil boring logs associated with this sampling event are attached as Appendix A.

A. Analytical Results: Soil Boring Samples

A summary of analytical results for 18 soil boring samples was tabulated and compared with applicable RIDEM Method 1 Soil Objectives as shown in attached Table 2A. Analytical results for VOCs indicate the presence of weathered gasoline-range VOCs and a Freon compound although none of the reported concentrations exceeded Method 1 Soil Objectives in any of the 18 soil boring samples collected across the Site.

Analytical results for semi-VOCs indicate that soil boring samples contained up to twenty polycyclic aromatic hydrocarbon (PAH) constituents that are typically present in asphalt, coal ash, wood ash and heavy fuel oils. Thirteen of the eighteen soil boring samples contained PAHs at concentrations greater than Method 1 Soil Objectives.

All eighteen soil boring samples contained one or more detectable PP13 metals. Fourteen of the soil boring samples contained lead and/or arsenic at concentrations that exceed corresponding residential Method 1 Soil Objectives. In two of the samples, detected lead concentrations exceeded the I/C-DEC. Soil sample B6-S1 was the only boring to contain another metal (antimony) that exceeded the Residential Direct Exposure Criteria (R-DEC).

Eleven of the eighteen soil boring samples submitted for PCB analysis reported a detectable concentration of an individual PCB congener above method reporting limits. The primary PCBs

detected were Aroclor-1248 and Aroclor-1254. None of the detected PCB concentrations in soil boring samples exceeded Method 1 Soil Objectives.

Seventeen of the eighteen soil boring samples contained a detectable TPH concentration. Thirteen of these TPH concentrations exceeded residential Method 1 Soil Objectives, and three of those soil samples also exceed the I/C-DEC and GB Leachability Criteria (GB-LC).

The analytical data report for soil boring samples is provided in [Appendix B](#).

B. Analytical Results: Soil Stockpile Samples

A summary of analytical results of soil stockpile sampling was tabulated and compared with applicable RIDEM Method 1 Soil Objectives as shown in attached [Table 2B](#). Soil stockpile sample locations are shown in [Figure 2A](#).

On November 3, 2023, LSE collected a total of four grab samples from the two soil stockpiles present on the eastern portion of the parcel. These piles were created from soil derived from the ramp that was created to facilitate vessel removal from the Providence River. Two samples were collected from each stockpile on opposing sides of each pile. A trowel was used to collect the samples at a depth of at least six inches into the stockpile. Each of the four samples was field screened and analyzed for VOCs, semi-VOCs, Priority Pollutant 13 Metals, PCBs, and TPH.

Analytical results for VOCs indicate that traces of weathered gasoline-range VOCs and a Freon compound were detected in three of the four samples although no VOC concentrations exceeded Method 1 Soil Objectives.

Analytical results for semi-VOCs indicate that soil pile samples contained various PAH constituents. Soil pile sample SP-1 (collected from the northeastern side of the North Pile), did not have any detectable concentration of PAHs. Three of the four soil pile samples contained PAH constituents with a concentration that exceeds Method 1 Soil Objectives.

All four soil pile samples contained detectable PP13 metals. Of those four samples, three contained lead and/or arsenic at a concentration exceeding Method 1 Soil Objectives.

Two of the four soil pile samples submitted for PCB analysis reported a detectable concentration of an individual PCB congener above method reporting limits. The primary PCBs detected were Aroclor-1248 and Aroclor-1254. None of the soil pile sample PCB concentrations exceeded Method 1 Soil Objectives.

All four soil pile samples contained detectable concentrations of TPH. Sample SP-4 (collected from the northwestern side of the South Pile), was the only sample to exceed the R-DEC. No soil pile samples exceeded the I/C-DEC for TPH.

The analytical data report for soil stockpile samples is provided in [Appendix B](#).

C. Analytical Results: Surficial Soil Samples

A summary of analytical results for surficial soil samples was tabulated and compared with applicable RIDEM Method 1 Soil Objectives as shown in attached Table 2C.

On November 8, 2023, LSE collected a total of twelve surficial soil samples from spatially representative locations throughout the Site. Surficial soil sampling locations were geo-located with coordinates and Google Earth imagery and are shown in Figure 2B. Surficial soil samples were composited from six-inch increments spanning 0-2 ft-bg. Due to dense surficial soil conditions at the Site, a hand auger could not be practically used for sample. Therefore, shallow test pits were excavated using RIRM excavator equipment and a trowel was used to collect equal amounts of undisturbed sidewall soils from 0.5 ft-bg, 1 ft-bg, 1.5 ft-bg, and 2 ft-bg. Each of the twelve surficial samples was field screened and analyzed for arsenic, lead, and TPH.

Detected lead and arsenic concentrations exceeded Method 1 Soil Objectives in eight and three of the 12 surficial soil samples, respectively.

All eighteen surficial soil samples submitted for TPH analysis contained detectable TPH concentrations. TPH concentrations in nine surficial soil samples exceeded Method 1 Soil Objectives, including two that exceeded the I/C-DEC and GB-LC.

Test pit logs are provided in Appendix A. The analytical data report for surficial soil samples is provided in Appendix C.

Concentrations of Contaminants in Groundwater

Direct-push borings B4, B6, and B7 were converted to monitoring wells MW-2, MW-1 and MW-3, respectively as shown in Figure 2C. The monitor wells consisted of 2-inch diameter PVC screen and riser pipe; each well was equipped with ten feet of slotted PVC screen set from 5-15 ft-bg. All wells were set to intersect the water table interface. After setting the well screens at the appropriate intervals, the borehole annulus adjacent to each well screen was backfilled using graded sand and a bentonite seal. Monitoring wells were protected using flush-mounted locking road boxes and cement blocks positioned to serve as barriers to equipment and vehicles.

Each monitoring well was developed on November 3, 2023 after installation by purging water to waste for a minimum of thirty minutes. All had good yields and none ran dry while purging. No sheen was observed during the groundwater purging and no odors in the purge water were detected. Groundwater quality samples were collected from each well on November 8, 2023 using low-flow sampling methods.

Groundwater samples were collected in glassware provided by the laboratory and kept chilled until the samples were retrieved by the laboratory courier. The water samples were analyzed for VOCs, PCBs, and TPH, and analytical results were tabulated and compared to applicable

RIDEM GB-GWO as shown in Table 3. The analytical data report for groundwater is provided in Appendix C.

Analytical results for groundwater indicate that three gasoline-related VOCs were detected in Site groundwater at detectable concentrations. Methyl t-butyl ether (MTBE) was detected in all groundwater samples although Toluene and tert-Amyl methyl ether were each detected in one groundwater sample. However, no VOC concentration exceeded any applicable Method 1 GB Groundwater Objectives.

Analytical results for PCB analysis of groundwater indicate that no PCB constituents were detected at a concentration above method reporting limits. As such, PCBs are not a contaminant of concern in Site groundwater.

TPH was only detected above method reporting limits in the sample from MW-3 at a concentration of 0.795 mg/L. TPH was not detected in any other sample.

- c) The Providence River is the only nearby ecological environment in proximity to the Site. There are no known environmentally sensitive areas near the Site. Based on the detected concentrations in Site soil and groundwater, adverse impacts to environmentally sensitive receptors are unlikely.
- d) The only man-made structures at the Site are above ground. Consequently, there is no potential for contamination to have impacted man-made structures.
- e) Stained soils are present in the heavily trafficked areas in the middle of the Site, proximate to sampling location B5.
- f) Vegetation is limited at the Site due to the constant vehicle and heavy equipment traffic. None of the sparsely vegetated areas of the Site appear to be stressed.
- g) There are two soil stockpiles present on the eastern portion of the Site. These stockpiles were generated during excavation of a ramp to provide access for removal of derelict vessels from the Providence River. Both piles are covered with tarps weighed down with tires to mitigate dust from wind.
- h) Environmental sampling locations are shown in Figure 2A, Figure 2B, and Figure 2C. Results of analytical testing for soils are tabulated in Table 2A, Table 2B, and Table 2C for soil borings, soil stockpiles, and surficial soils, respectively. Results of analytical testing for groundwater are tabulated in Table 3.
- i) During its early operations, RIRM included automotive salvage work which involved the draining of automotive fluids prior to processing the cars for metal scrap. Currently, no automotive salvage work is completed on-site. There is some maintenance work completed on heavy equipment beneath the northern canopy.

2.12 Distribution of Hazardous Substances (1.8.3-12)

2.12.1 Soil Gas

In total, 34 soil samples were field screened for VOCs using jar headspace techniques. No particular pattern or gradient of PID responses in soil was observed. Based on the low PID responses ranging from 0.1 to 4.4 ppmv, VOCs are not a COC for the Site.

2.12.2 Soil

A total of 34 soil samples were collected for laboratory analyses. Samples were analyzed for VOCs, semi-VOCs, PP13 Metals, PCBs, and/or TPH. 12 of the soil samples were only analyzed for lead, arsenic and PCBs.

Of the 22 soil samples submitted for VOC analysis, no sample reported a concentration that exceeded applicable Method 1 Soil Objectives.

Of the 22 soil samples submitted for semi-VOC analysis, 16 samples contained PAH concentrations that exceeded the R-DEC and 13 samples contained a PAH concentration that exceeded the I/C-DEC. The gradient of PAHs in soil appears to be spatially random although PAHs exceeded the DEC almost three times more often in surficial soil samples than deeper soil samples indicating that the asphalt cap across the Site is the primary source of PAHs. PAHs detected less often in deeper soil are likely the result of historic urban fill.

Of the 34 soil samples submitted for PP13 metals, 25 samples contained metals concentrations that exceeded DEC. Exceedances were generally limited to lead and arsenic concentrations, although antimony concentrations in one sample exceeded the R-DEC. Metals in soil borings appear to be randomly distributed throughout the Site and lead and arsenic exceedances occur similarly in shallow and deeper soil. Arsenic and lead exceedances in surficial soil are most prevalent in the southeast corner of the Site at locations SS-9, SS-10 and SS-11.

Of the 22 soil samples submitted for PCBs analysis, no sample reported a concentration that exceeded DEC or GB-LC so detectable PCBs in soil are randomly distributed.

Of the 34 samples submitted for TPH analysis, 23 samples exceeded DEC. There is no apparent distribution of TPH exceedances although they mostly occur in shallow soil.

2.12.3 Groundwater

Analytical results for groundwater indicate that MTBE was detected in all three groundwater samples at a similar low concentration. Two other VOCs were randomly detected in two of the groundwater samples. PCBs were not detected in any groundwater sample above method reporting limits. TPH was only detected in MW-3. No VOC, PCB, or TPH concentration

exceeded Method 1 GB Groundwater Objectives. Based on groundwater sampling, there is no pattern or gradient relative to groundwater quality.

2.13 Background Concentrations of Hazardous Substances (1.8.3-13)

Metals would be the only COC to potentially warrant a background evaluation. However, at a metal recycling/salvage facility, this is not recommended. It is likely that the elevated lead and arsenic concentrations in site soil are at least partially attributable to historic urban fill.

2.14 Site-Specific Hydrogeology (1.8.3-14)

- a. When gauging the monitoring wells, groundwater was measured at depths ranging from 6.43-8.52 ft-bg.
- b. There are no natural or man-made barriers that act as barriers or conduits for contaminant migration.
- c. No Site-specific evaluations of bedrock hydrogeology were conducted as part of this SIR. According to RIDEM, bedrock beneath the Site consists of stratified rocks of the Esmond-Dedham West Bay and East Bay area of the Narragansett Bay Group of the Rhode Island Formation.
- d. Based on groundwater data collected during the investigation as well as proximity to the Providence River, groundwater is inferred to flow to the east-southeast towards the Providence River.

2.15 Topography and Storm Water Runoff (1.8.3-15)

The USGS topographic map provided in [Figure 1](#) illustrates the regional topography of the area indicating the land surface in the vicinity of the Site sloping gently down to the east-southeast. Based on the regional topography, groundwater is inferred to flow to the east-southeast toward the Providence River which abuts the Site. The USGS map shows the elevation at the Site to be approximately 10 feet above mean sea level.

2.16 Potential for Vapor Intrusion into Structures (1.8.3-16)

There are currently three structures on the subject Site. Only one structure located in the southwest portion of the parcel is a permanent structure that is slab-on-grade. Based on PID soil screening and VOC analysis of both soil and groundwater, VOCs are not a COC for the Site. As such, there is no risk of vapor intrusion of VOCs either at present or for future conditions.

2.17 Potential for Entrainment of Hazardous Substances by Wind or Erosion (1.8.3-17)

The Site is currently improved with one permanent building, two temporary structures and an office trailer. The Site is predominantly unpaved or surfaced with an asphalt cap except for

several small concrete slabs. After prolonged periods of dry weather, Site soils become subject to entrainment of dust by the movement or heavy equipment. Because the Site is relatively flat, there is little potential for erosion except for near steep changes in grade near the eastern and southern edges of the Property. However, since these areas are relatively stable, they are less prone to erosion. Nonetheless, due to the potential for entrainment of dust or erosion associated with stormwater, it would be appropriate to implement stormwater management controls at the Site.

2.18 Fate and Transport Models (1.8.3-18)

No analytical or numerical modeling was performed as part of this investigation.

2.19 Summary of Environmental Media Sampling and Analysis (1.8.3-19)

The following tables are a summary of environmental sampling media, locations, and analyses performed by LSE at the Site as part of this SIR. Sampling information is organized by environmental media (i.e. soil and groundwater). The analytical data reports are provided in Appendix B and Appendix C.

Table 4A - Environmental Media: Soil

Sample No.		Sample Location	Parameters	Analytical Methods
B1	S1	West portion of Site, near Allens Ave	TPH, VOCs, Semi-VOCs, PCBs, PP13 Metals	8100, 8260C, 8270D, 8082A, 6010C, 7471B
	S2			
B2	S1	Southwest portion of Site, north of office/weigh station.	TPH, VOCs, Semi-VOCs, PCBs, PP13 Metals	8100, 8260C, 8270D, 8082A, 6010C, 7471B
	S2			
B3	S1	Northwest portion of Site, southwest of northern canopy.	TPH, VOCs, Semi-VOCs, PCBs, PP13 Metals	8100, 8260C, 8270D, 8082A, 6010C, 7471B
	S2			
B4	S1	South portion of Site, west of southern canopy.	TPH, VOCs, Semi-VOCs, PCBs, PP13 Metals	8100, 8260C, 8270D, 8082A, 6010C, 7471B
	S2			
B5	S1	Center of Site	TPH, VOCs, Semi-VOCs, PCBs, PP13 Metals	8100, 8260C, 8270D, 8082A, 6010C, 7471B
	S2			
B6	S1	Northeast portion of Site, east of northern canopy.	TPH, VOCs, Semi-VOCs, PCBs, PP13 Metals	8100, 8260C, 8270D, 8082A, 6010C, 7471B
	S2			
B7	S1	Southeast portion of Site	TPH, VOCs, Semi-VOCs, PCBs, PP13 Metals	8100, 8260C, 8270D, 8082A, 6010C, 7471B
	S2			
B8	S1	Northeast portion of Site, south of northern soil stockpile.	TPH, VOCs, Semi-VOCs, PCBs, PP13 Metals	8100, 8260C, 8270D, 8082A, 6010C, 7471B
	S2			
B9	S1	Southeast portion of Site, south of southern soil stockpile.	TPH, VOCs, Semi-VOCs, PCBs, PP13 Metals	8100, 8260C, 8270D, 8082A, 6010C, 7471B
	S2			
SP-1		Northeast portion of North Pile	TPH, VOCs, Semi-VOCs, PCBs, PP13 Metals	8100, 8260C, 8270D, 8082A, 6010C, 7471B

SP-2	Southwest portion of North Pile	TPH, VOCs, Semi-VOCs, PCBs, PP13 Metals	8100, 8260C, 8270D, 8082A, 6010C, 7471B
SP-3	Southeast portion of South Pile	TPH, VOCs, Semi-VOCs, PCBs, PP13 Metals	8100, 8260C, 8270D, 8082A, 6010C, 7471B
SP-4	Northwest portion of South Pile	TPH, VOCs, Semi-VOCs, PCBs, PP13 Metals	8100, 8260C, 8270D, 8082A, 6010C, 7471B
SS-1	Northwest corner of Site	TPH, Lead, Arsenic	6010C, 8100
SS-2	Southwest corner of Site	TPH, Lead, Arsenic	6010C, 8100
SS-3	Western portion of Site	TPH, Lead, Arsenic	6010C, 8100
SS-4	Southwest portion of Site	TPH, Lead, Arsenic	6010C, 8100
SS-5	Northwest portion of Site	TPH, Lead, Arsenic	6010C, 8100
SS-6	Center of Site	TPH, Lead, Arsenic	6010C, 8100
SS-7	North-central portion of Site	TPH, Lead, Arsenic	6010C, 8100
SS-8	South-central portion of Site	TPH, Lead, Arsenic	6010C, 8100
SS-9	Southeast portion of Site	TPH, Lead, Arsenic	6010C, 8100
SS-10	Eastern portion of Site	TPH, Lead, Arsenic	6010C, 8100
SS-11	Southeast portion of Site	TPH, Lead, Arsenic	6010C, 8100
SS-12	Northeast portion of Site	TPH, Lead, Arsenic	6010C, 8100

Table 4B - Environmental Media: Groundwater

Sample No.	Sample Location	Parameters	Analytical Methods
MW-1	Southwestern Portion of Site (B6)	VOCs, PCBs, TPH	8260, 8082A, 8100
MW-2	Northeastern Portion of Site (B4)	VOCs, PCBs, TPH	8260, 8082A, 8100
MW-3	Southeastern Portion of Site (B7)	VOCs, PCBs, TPH	8260, 8082A, 8100

2.20 Monitor Well Construction (1.8.3-20)

Three monitoring wells were installed as part of this investigation. MW-1 was installed in boring B6 located in the northeastern portion of the subject Site. MW-2 was installed in boring B4 located in the southwestern portion of the Site. MW-3 was installed in boring B7 located in the southeastern portion of the Site.

For each well installation, a disposable steel point was pushed to the target depth of 15 ft-bg and the well was installed with 10 feet of screen from 5-15 ft-bg. All three wells were developed after they were installed. Dedicated polyethylene tubing was used at each well, and they were purged for 20-30 minutes until groundwater was running clear using a peristaltic pump. All wells are protected with a flush-mounted road box.

2.21 Management of Investigation Derived Waste (1.8.3-21)

Investigative-derived waste generated during LSE’s investigations was returned to each boring after sampling was completed. Purged groundwater was pumped to waste.

2.22 Sampling and Analysis - Quality Assurance and Control Procedures (1.8.3-22)

Field sampling, soil screening, and analytical testing completed as part of environmental investigations at this Site were undertaken with the objective of maximizing the use of existing data and the use field screening data. Fixed-base laboratory analysis results were used to confirm the presence and relative distribution of COCs at the Site.

LSE personnel were present throughout LSE’s sampling, field screening, and sample processing activities at the Site.

Field screening of soil samples involved the collection of soil samples from targeted depth intervals and the immediate transfer to zip-lock bags where they were allowed to equilibrate for five minutes. LSE recorded observations of soil conditions, soil type, and odor. Soil samples from target depths were collected and screened for the presence of VOCs using a Mini-Rae 2000 PID equipped with a 10.6 eV lamp calibrated daily to 100 ppmv as isobutylene.

Fixed-base laboratory analyses conducted as part of LSE’s SIR investigations were completed by New England Testing Laboratory (NETL) of West Warwick, RI. NETL is certified within the State of Rhode Island to perform all of the specified analyses. Based on a review of NETL’s data report, no significant data non-conformities were described in the case narrative.

2.23 Public Involvement Activities

Pre-SIR public notice was completed for this Site. Because the Site resides in an Environmental Justice Zone, additional materials were provided to the community with regard to the Site Investigation scope, including posting details in community centers.

Furthermore, due to the number of public comments received by RIDEM, a Public Involvement Plan will be developed as part of the Public Notice efforts for the RIRM Site.

As required by Section 1.8.7 of the Remediation Regulations, public notice will be provided to all abutting property owners, tenants, and municipal officials once a Department Program Letter is received to document that a Site investigation has been completed. A brief summary of the SIR findings and proposed remedy will be provided in the RIDEM-approved public notice correspondence.

2.24 Site-Specific Factors (1.8.3-23)

The Property owner recognizes the need to employ stormwater controls at the Site and has developed plans to collect and treat stormwater at the Site. Considering the Site has an existing requirement to maintain an engineered barrier to preclude direct contact with underlying PCB impacted soils, it is appropriate to combine both requirements into one comprehensive design and implementation task. The current SIR findings are consistent with prior Site characterization results in that soils are the only impacted environmental media at the Site that exceed Method 1 Soil Standards. The current plan for capping the Site with a combination of pervious and impervious engineered barriers will serve to eliminate any potential for direct contact with underlying soils.

Out of the 21 shallow soil samples collected and analyzed, TPH was the only constituent to exceed GB-LC at five locations. Therefore, as long as areas of the Site with GB-LC soil exceedances are covered with impervious engineered barriers, there is no potential for TPH in soil to impact groundwater quality.

In order to ensure that Site soils and the associated engineered controls are not disturbed in the future, the existing ELUR recorded in 2003 will need to be amended to reflect these proposed improvements to the existing caps. The associated Soil Management Plan would also be amended to reflect any changes to the maintenance of the engineered controls.

3.0 DEVELOPMENT OF REMEDIAL ALTERNATIVES (1.8.4)

Due to the historic development and use of the Site, soils have been impacted by PCBs, PAHs, arsenic, lead, and TPH. No COC were detected in groundwater in exceedance of applicable GB Groundwater Objectives and therefore, no remediation of groundwater is required.

As required in Section 1.8.4 of the Remediation Regulations, a minimum of two remedial alternatives were evaluated for this Site that consider the above Site-specific conditions. The remedial alternatives for soil described below consist of:

- 1) Site-wide encapsulation of impacted soil beneath engineered controls is a viable remedy to prevent exposure to impacted environmental media as long as contaminant concentrations do not exceed upper concentration limits (UCLs) that are indicative of waste in the environment. None of the OHM concentrations detected as part of this SIR approached UCLs. The remedy of Site-wide engineered controls will need to achieve two objectives: 1) they will need to be sufficiently durable to withstand daily traffic associated with excavations/loaders, cranes and shears, and 2) they must be sufficient to direct and collect stormwater so that it is adequately treated prior to discharge to surface water. This remedy is a modification of the previously implemented Site-wide cap which included recording of an ELUR.

- 2) The second remedial alternative is for the excavation and off-site disposal of impacted soils to remove all jurisdictional contaminants in soil.

3.1 Remedial Alternatives for Soil

The presence of PAHs, arsenic, lead, and TPH in Site soil at concentrations exceeding Method 1 Soil Objectives is attributable to several sources including the historic use of imported urban fill and metals recycling associated with former and current businesses. Based on observations and analytical results, Site groundwater has not been impacted. Considering that soil contaminant levels have not appreciably changed as a result of RIRM’s activities and that the prior remedy for the Site included a combination of engineered and institutional controls, it is appropriate to implement a similar/improved remedy that incorporates provisions for a stormwater management system.

Soil Remedial Alternative No. 1

One remedy that would address the potential for direct exposure to impacted soils at the Site would involve on-Site encapsulation beneath an engineered barrier. Since this plan would be designed and implemented as a modification to the existing remedy for the Site, public opposition to the remedy should be minimal. Revisions to the remedy would include the use of impervious surfaces over areas where exceedances of the GA-LC were identified. If approved, this remedy would be implemented during construction of the owner’s planned stormwater management system for the Site and would therefore simultaneously satisfy two regulatory programs at RIDEM. Since this remedy serves to manage impacted soil on-site rather than transport it off-site where landfill space is rapidly declining, it is consistent with EPA’s Principles for Greener Cleanups where the overall objective is *ensuring protection of human health and the environment and reducing the environmental footprint of cleanup activities, to the maximum extent possible*. Based on the history of industrial use of this Site, the known contaminants in soil and impacts at most abutting sites, the subject Site location is well suited to the current metals recycling operation.

Since this remedy would allow for jurisdictional COC to remain encapsulated beneath engineered controls, annual ELUR compliance evaluations are required and if future disturbance to the engineered controls is anticipated, advance notification to RIDEM would be required prior to starting any new subsurface construction at the Site.

Based on these considerations, Soil Remedial Alternative No. 1 is the preferred remedy for the Site.

Soil Remedial Alternative No. 2

This remedial alternative would involve the excavation and off-site disposal of contaminated soils at the Site that exceed Method 1 Soil Objectives and replacement with clean fill. For a Site

of this size and soil volume, wholesale soil removal is typically considered logistically and financially infeasible, especially when there is no measurable reduction in potential risk for exposure to impacted soils as compared to alternative less intrusive remedies. In fact, for most sites in Rhode Island with large volumes of impacted soils and historic urban fill, the remedy of on-site encapsulation is proposed and accepted by the Department.

PAH, arsenic, lead, and TPH impacts are randomly distributed throughout the Site and therefore, conservatively assuming the top 7.5 feet of soil on the Site requires excavation and off-site disposal, the corresponding soil volume would approach 73,000 cubic yards. These soils would require excavation, transport and disposal at a licensed soil disposal facility such as the Rhode Island Resource Recovery Corporation (RIRRC). Based on the cost of soil management and disposal associated with this soil volume, including importing 73,000 cubic yards of clean replacement fill, this remedy is not a logistically or financially feasible alternative.

The sole advantage of this alternative is that a permanent solution is achieved and there would be no need for engineered and institutional controls. Disadvantages are many and include the exorbitant soil transportation/disposal costs and the extensive compliance sampling and analytical testing costs. Furthermore, considering that the existing Site remedy of encapsulation of impacted soil has been previously accepted by the Department, and no pathways for exposure to impacted soils exist except for direct contact, there is no apparent need to export such a large volume of minimally impacted soil from the Site. Based on these considerations, this remedial alternative would certainly be contrary to EPA's Greener Cleanups Principles. Lastly, the extensive and intrusive earthwork associated with this remedial alternative would pose significant risks to the adjacent Providence River during construction.

The excavation and off-site disposal of impacted soils at the Site is a significantly more expensive and disruptive remedial alternative than implementation of a modified, Department-approved remedy of on-site encapsulation using engineered controls. Based on the large volume of impacted soil to be managed under this remedy, Remedial Alternative No. 2 is not the preferred remedial alternative for soil at this Site.

4.0 CERTIFICATION REQUIREMENTS (1.8.5)

To the best of my knowledge, the information and recommendations provided in this SIR are complete and accurate.

Site Investigation Report Author:

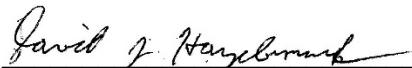
Signed: 

Name: Isabella Giacomo

Title: Environmental Scientist

Company: Lake Shore Environmental, Inc.

Date: December 6, 2023

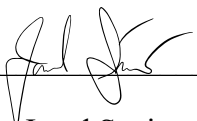
Signed: 

Name: David J. Hazebrouck, PG, LSP, LEP

Title: Principal

Company: Lake Shore Environmental, Inc.

Date: December 6, 2023

Signed: 

Name: Mr. Jared Sevinor, AARE, LLC

Title: Manager

Date: 12/12/23

5.0 PROGRESS REPORTS (1.8.6)

LSE will periodically update RIDEM representatives with respect to the status of remedial investigations and cleanup activities.

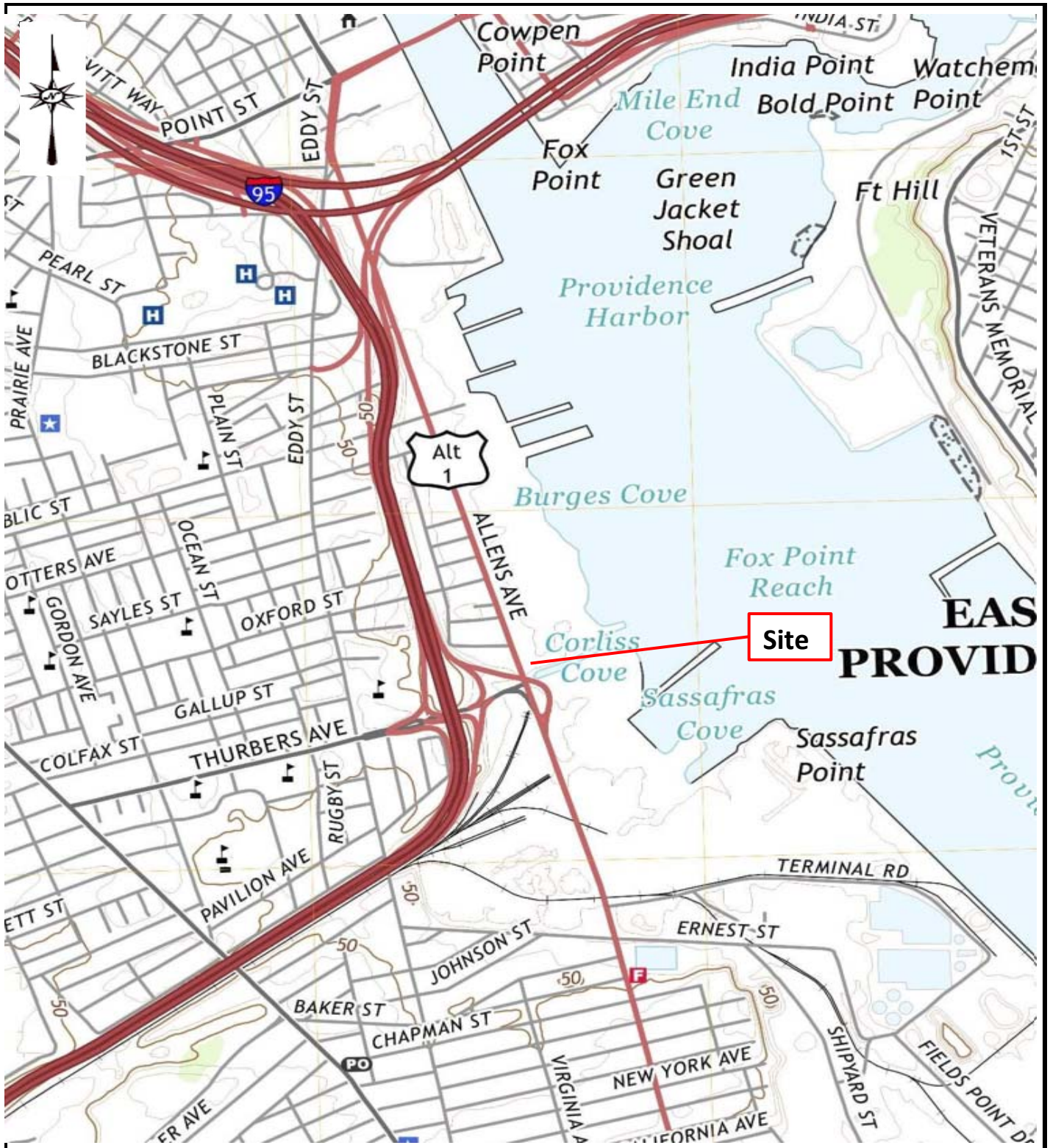
6.0 PUBLIC INVOLVEMENT (1.8.7)

As required by Section 1.8.7 of the Remediation Regulations, a draft Post-SIR public notice will be provided to RIDEM for review once a Department Program Letter is received documenting that the investigation has adequately characterized the Site. The RIDEM-approved public notice document will be provided to all abutting property owners, tenants, and municipal officials. In addition, as requested by RIDEM, a Public Involvement Plan will be prepared to supplement public notice activities at this Site.

7.0 SITE INVESTIGATION REPORT (1.8.8)

This document and all attached tables, figures, and appendices comprise the SIR for the 434 Allens Avenue Property identified as Assessors Plat 47, Lot 601 and Plat 55, Lot 10 in the City of Providence, RI. A completed SIR checklist is attached as Appendix D.

FIGURES



QUADRANGLE LOCATION

Figure No.	1		
Drawing Title:	Site Locus 434 Allens Avenue Providence, RI		
Date Prepared:	11/27/2023	Prepared By:	IG
Approximate Scale:	NTS		
LSE Proj. No. 23075A10			

Source: Map taken from USGS 7.5 minute topographic Providence Quad 2021



Figure No.	2A	
Drawing Title:	SIR Boring & Stockpile Sampling Locations 434 Allens Avenue Providence, RI	
Date Created:	11/27/2023	Prepared By: IG
Approximate Scale:	NTS	
LSE Proj. No.	09050H10	

Source: Map Dimensions taken from Google Earth.



Figure No. **2B**
 Drawing Title: SIR Surficial Soil Locations
 434 Allens Avenue
 Providence, RI

Date Created: 11/27/2023 | Prepared By: IG
 Approximate Scale: NTS
 LSE Proj. No. 09050H10

Source: Map Dimensions taken from Google Earth.

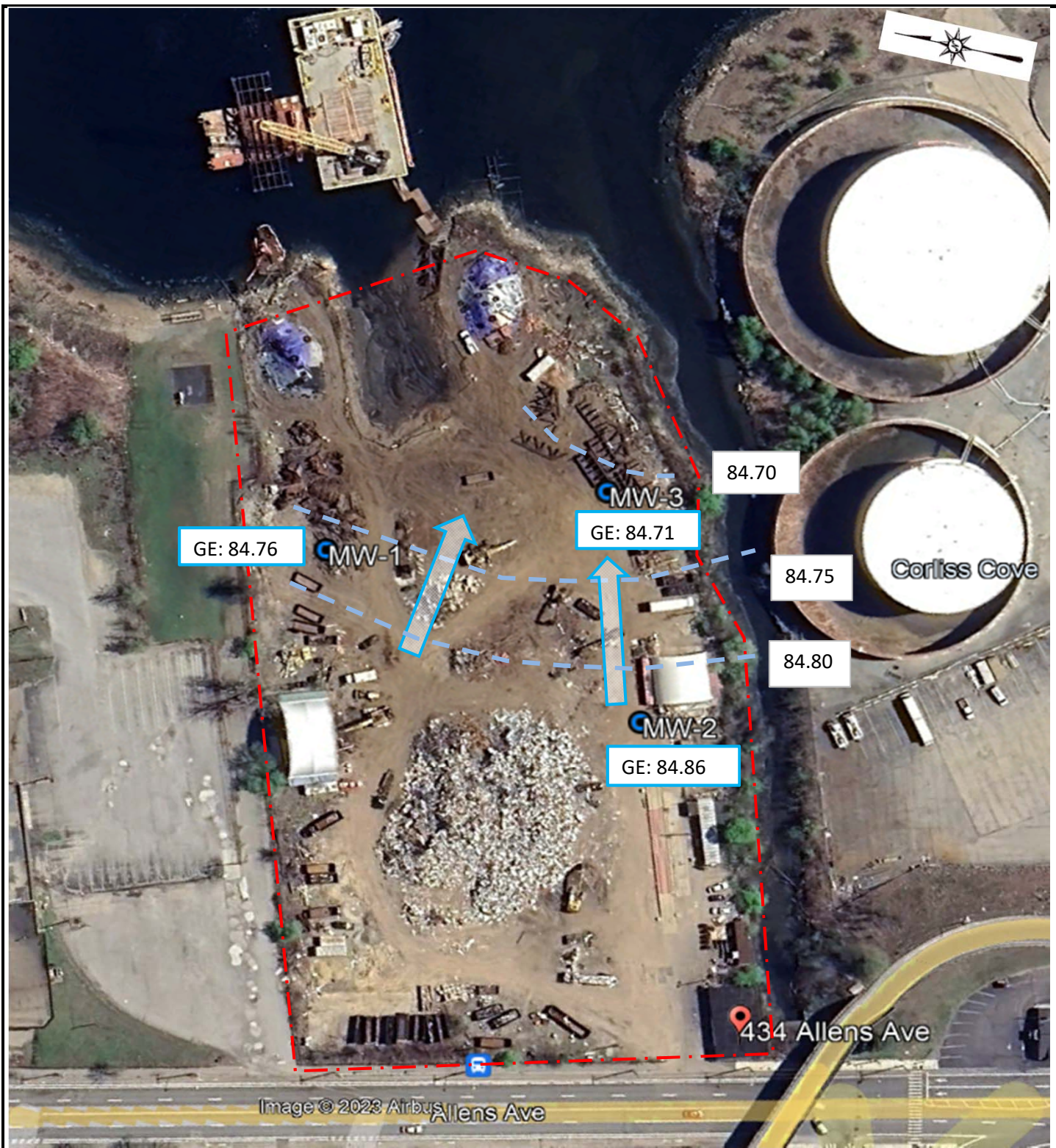


Figure No. **2C**
 Drawing Title: SIR Monitoring Well Locations
 434 Allens Avenue
 Providence, RI

Date Created: 11/27/2023	Prepared By: IG
Approximate Scale: NTS	
LSE Proj. No. 09050H10	

Source: Map Dimensions taken from Google Earth.

GE: Groundwater Elevation

TABLES

(Tables 1, 4A, and 4B are embedded within the SIR text)

TABLE 2A

SUMMARY ANALYTICAL SOIL BORING DATA

434 Allens Ave, Providence, RI

Detected Analytes Only

Date Sampled:	11/3/2023		11/3/2023		11/3/2023		11/3/2023		11/3/2023		11/3/2023		11/3/2023		11/3/2023		11/3/2023		11/3/2023		R-DEC	IC-DEC	GB-LC
	Location:	B1-S1	B1-S2	B2-S1	B2-S2	B3-S1	B3-S2	B4-S1	B4-S2	B5-S1	B5-S2	B6-S1	B6-S2	B7-S1	B7-S2	B8-S1	B8-S2	B9-S1	B9-S2				
Sample Depth (ft-bg):	0-2	5-7	0-2	5-7	0-2	5-7	0-2	5-7	0-2	5-7	0-2	5-7	0-2	5-7	0-2	5-7	0-2	5-7	0-2	5-7			
Case No.:	3K03038	3K03038	3K03038	3K03038	3K03038	3K03038	3K03038	3K03038	3K03038	3K03038	3K03038	3K03038	3K03038	3K03038	3K03038	3K03038	3K03038	3K03038	3K03038	3K03038			
Units																							
Volatile Organic Compounds																							
sec-Butylbenzene	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.208	ND	ND	NA	NA	NA	
Ethylbenzene	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.099	ND	ND	ND	1.01	ND	ND	71	10,000	62	
p-Isopropyltoluene	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.13	ND	ND	NA	NA	NA	
Naphthalene	mg/kg	ND	ND	ND	ND	1.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.718	ND	ND	54	10,000	NA	NA	
n-Propylbenzene	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.091	0.12	ND	ND	ND	1.65	ND	ND	NA	NA	NA	NA	
Toluene	mg/kg	ND	ND	0.172	ND	ND	0.102	ND	ND	0.174	ND	0.107	18	0.101	0.094	0.074	1.24	0.14	ND	190	10,000	54	
1,2,3-Trichloropropane	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	1.49	ND	ND	1.49	ND	ND	ND	ND	ND	ND	NA	NA	NA	
1,3,5-Trimethylbenzene	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.072	0.206	ND	ND	ND	3.96	ND	ND	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	mg/kg	ND	ND	0.123	ND	ND	0.108	ND	ND	ND	0.194	0.308	0.081	0.12	ND	8.67	0.09	ND	NA	NA	NA	NA	
Total xylenes	mg/kg	ND	ND	0.116	ND	ND	ND	ND	ND	ND	0.118	0.736	ND	ND	ND	4.72	ND	ND	110	10,000	NA	NA	
Trichlorofluoromethane	mg/kg	0.062	ND	0.432	0.08	0.315	ND	ND	ND	0.156	ND	0.54	ND	0.33	ND	0.137	0.432	0.307	ND	NA	NA	NA	
Semi-Volatile Organic Compounds																							
2-Methylnaphthalene	mg/kg	ND	ND	ND	ND	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.897	NA	NA	NA	
4,6-Dinitro-2-methylphenol	mg/kg	ND	ND	4.31	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	
Acenaphthene	mg/kg	ND	ND	ND	ND	0.942	ND	ND	ND	ND	ND	ND	ND	1.57	ND	ND	ND	ND	1.19	43	10,000	NA	
Anthracene	mg/kg	ND	ND	ND	ND	0.942	ND	1.4	ND	ND	ND	ND	ND	8	ND	2.75	ND	ND	4.41	35	10,000	NA	
Benzo(a)anthracene	mg/kg	ND	1.99	ND	ND	3.47	1.16	4.07	0.291	1.87	ND	1.32	ND	9.86	1.3	6.4	1.28	ND	11.3	0.9	7.8	NA	
Benzo(a)pyrene	mg/kg	ND	1.71	ND	ND	3.35	3.91	4.44	0.343	1.44	ND	1.38	ND	8.22	0.881	6.28	1.55	ND	11.1	0.4	0.8	NA	
Benzo(b)fluoranthene	mg/kg	1.05	2.23	ND	ND	3.93	1.38	4.97	0.443	1.88	ND	1.88	ND	10.5	1.18	7.35	1.91	ND	12.7	0.9	7.8	NA	
Benzo(g,h,i)perylene	mg/kg	0.804	1.16	ND	ND	2.43	ND	3.09	0.232	1.11	ND	1.25	ND	5.81	ND	4.38	1.24	ND	6.77	0.8	10,000	NA	
Benzo(k)fluoranthene	mg/kg	ND	0.906	ND	ND	1.36	ND	1.82	0.16	ND	ND	ND	ND	3.88	ND	2.79	ND	ND	4.92	0.9	78	NA	
Biphenyl	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.249	0.8	10,000	NA
Bis(2-ethylhexyl)phthalate	mg/kg	2.74	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.3	ND	ND	ND	ND	ND	46	410	NA	
Chrysene	mg/kg	0.812	2.09	ND	ND	3.38	2.42	4.04	0.333	2.03	ND	1.34	ND	9.69	1.47	6.14	1.52	ND	11.3	0.4	780	NA	
Dibenz(a,h)anthracene	mg/kg	ND	ND	ND	ND	ND	0.842	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.05	0.4	0.8	NA	
Dibenzofuran	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.18	ND	ND	ND	ND	1.26	NA	NA	NA	
Fluoranthene	mg/kg	1.28	3.74	1.79	1.12	0.945	2.43	8.95	0.588	3.52	2.31	2.52	ND	25.1	1.69	15.3	2.24	ND	21.5	20	10,000	NA	
Fluorene	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.96	ND	ND	ND	ND	1.75	28	10,000	NA	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	1.33	ND	ND	2.45	ND	3.04	0.224	1.05	ND	1.16	ND	5.86	ND	4.3	1.18	ND	6.68	0.9	7.8	NA	
Naphthalene	mg/kg	ND	ND	ND	ND	3.54	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.31	54	10,000	NA	
Phenanthrene	mg/kg	0.797	1.89	ND	ND	4.62	3.01	6.54	0.276	3.97	2.09	1.29	ND	26.1	1.19	12.6	1.06	ND	21.5	40	10,000	NA	
Pyrene	mg/kg	1.3	3.41	2.01	1.2	8.48	2.16	7.53	0.556	4.44	2.18	2.56	ND	20.6	2.47	13.9	2.52	ND	23.1	13	10,000	NA	
Priority Pollutant 13 Metals																							
Antimony	mg/kg	6.29	1.79	1.3	ND	ND	ND	3.39	ND	1.85	1.34	14.6	ND	4.37	ND	1.02	0.98	ND	2.18	10	820	NA	
Arsenic	mg/kg	6.56	19.6	3.33	4.71	2.46	5.53	6.76	2.56	3.13	7.58	10.8	12.2	15	4.09	4.07	6.4	2.27	5.97	7	7	NA	
Beryllium	mg/kg	ND	0.93	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.5	1.5	NA	
Cadmium	mg/kg	4.57	10.5	1.99	1.1	1.07	1.28	10.1	ND	3.04	2.83	4.51	0.94	8.3	1.43	3.22	2.89	1.12	1.51	39	1,000	NA	
Chromium	mg/kg	21.9	20.7	20.1	14.9	8.7	25.8	28.8	6.57	72.7	44	49.3	20.3	284	21.2	33.5	23.9	15.1	7.86	390	10,000	NA	
Copper	mg/kg	390	630	59.6	65.4	17.8	47.3	416	15.9	102	116	231	103	439	61.9	142	229	42.2	50.6	3,100	10,000	NA	
Lead	mg/kg	330	1100	152	463	69.4	330	492	65.1	169	375	227	37	625	79	202	408	56.2	179	150	500	NA	
Mercury	mg/kg	ND	1.88	ND	0.592	0.202	4.07	ND	ND	ND	0.355	0.56	1.57	ND	0.24	0.553	0.326	ND	0.311	23	610	NA	
Nickel	mg/kg	122	96.3	26.8	27.2	8.55	17.6	56.2	6.72	62.3	32.1	69.9	22	342	29.5	130	38.5	12.4	13.8	1,000	10,000	NA	
Selenium	mg/kg	ND	ND	ND	ND	ND	ND	56.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	390	10,000	NA	
Silver	mg/kg	4.02	8.04	ND	ND	ND	ND	2.13	ND	ND	ND	3.46	ND	ND	ND	ND	ND	ND	ND	200	10,000	NA	
Thallium	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.5	140	NA	
Zinc	mg/kg	394	789	431	297	69.7	131	512	41.8	370	297	825	96.4	762	82.4	315	246	133	132	6,000	10,000	NA	
Polychlorinated Biphenyls (PCBs)																							
Aroclor-1016	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	
Aroclor-1221	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	
Aroclor-1232	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	
Aroclor-1242	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	
Aroclor-1248	mg/kg	0.303	0.231	0.467	0.14	0.113	ND	0.529	ND	1.05	0.353	0.218	ND	0.911	ND	0.893	ND	ND	ND	NA	NA	NA	
Aroclor-1254	mg/kg	0.26	0.233	0.299	ND	0.074	ND	0.662	ND	0.676	0.306	0.211	ND	1.3	ND	0.573	ND	ND	ND	NA	NA	NA	
Aroclor-1260	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	
Aroclor-1262	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	
Aroclor-1268	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	
Total PCBs	mg/kg	0.563	0.464	0.766	0.14	0.187	ND	1.191	ND	1.726	0.659	0.429	ND	2.211	0.121	1.466	ND	ND	10	10	10	NA	
Total Petroleum Hydrocarbons																							
TPH	mg/kg	2760	507	878	178	ND	1590	2650	77	1010	1350	1400	666	3380	285	937	1310	214	630	500	2,500	2,500	

Notes: ND Less than minimum detection limit
 - / NA Not Analyzed / Not Available
 R-DEC Exceeds Residential Direct exposure Criteria
 IC-DEC Exceeds Industrial/Commercial Direct exposure Criteria
 GB-LC Exceeds GB Leachability Criteria
 mg/kg milligrams per kilograms (parts per million)

TABLE 2B

SUMMARY ANALYTICAL SOIL STOCKPILE DATA
434 Allens Ave, Providence, RI

Detected Analytes Only

	Date Sampled: Location: Case No.:	11/3/2023	11/3/2023	11/3/2023	11/3/2023	R-DEC	I/C-DEC	GB-LC
		SP-1	SP-2	SP-3	SP-4			
		3K03039	3K03039	3K03039	3K03039			
	Units							
Volatile Organic Compounds								
Toluene	mg/kg	ND	0.127	0.058	0.196	190	10,000	54
1,3,5-Trimethylbenzene	mg/kg	ND	ND	ND	0.089	NA	NA	NA
1,2,4-Trimethylbenzene	mg/kg	ND	ND	ND	0.141	NA	NA	NA
Total xylenes	mg/kg	ND	ND	ND	0.332	110	10,000	NA
Trichlorofluoromethane	mg/kg	ND	ND	ND	2.85	NA	NA	NA
Semi-Volatile Organic Compounds								
Acenaphthylene	mg/kg	ND	ND	1.97	ND	43	10,000	NA
Anthracene	mg/kg	ND	2.81	4.03	1.91	35	10,000	NA
Benzo(a)anthracene	mg/kg	ND	6.84	10.3	4.65	0.9	7.8	NA
Benzo(a)pyrene	mg/kg	ND	6.39	7.75	4.63	0.4	0.8	NA
Benzo(b)fluoranthene	mg/kg	ND	7.96	10.5	5.58	0.9	7.8	NA
Benzo(g,h,i)perylene	mg/kg	ND	4.71	6.08	3.28	0.8	10,000	NA
Benzo(k)fluoranthene	mg/kg	ND	3.09	4.01	2.05	0.9	78	NA
Chrysene	mg/kg	ND	7.03	9.81	4.47	0.4	780	NA
Dibenz(a,h)anthracene	mg/kg	ND	ND	1.39	0.884	0.4	0.8	NA
Dibenzofuran	mg/kg	ND	ND	1.17	ND	NA	NA	NA
Fluoranthene	mg/kg	ND	15.3	19.1	10.3	20	10,000	NA
Fluorene	mg/kg	ND	ND	1.23	ND	28	10,000	NA
Indeno(1,2,3-cd)pyrene	mg/kg	ND	4.74	6.04	3.22	0.9	7.8	NA
Phenanthrene	mg/kg	ND	11.2	17.3	7.17	40	10,000	NA
Pyrene	mg/kg	ND	14.2	19.7	9.26	13	10,000	NA
Priority Pollutant 13 Metals								
Antimony	mg/kg	ND	1.7	ND	1.25	10	820	NA
Arsenic	mg/kg	2.13	8.25	8.19	7.72	7	7	NA
Beryllium	mg/kg	ND	ND	ND	ND	1.5	1.5	NA
Cadmium	mg/kg	1.91	3.62	3.43	4.06	39	1,000	NA
Chromium	mg/kg	10.4	36.5	53.9	97.8	390	10,000	NA
Copper	mg/kg	66.7	160	135	213	3,100	10,000	NA
Lead	mg/kg	62.2	193	141	334	150	500	NA
Mercury	mg/kg	0.183	0.483	1.55	0.656	23	610	NA
Nickel	mg/kg	20	39	34.5	81.6	1,000	10,000	NA
Selenium	mg/kg	ND	ND	ND	ND	390	10,000	NA
Silver	mg/kg	ND	ND	ND	ND	200	10,000	NA
Thallium	mg/kg	ND	ND	ND	ND	5.5	140	NA
Zinc	mg/kg	181	325	448	586	6,000	10,000	NA
Polychlorinated Biphenyls (PCBs)								
Aroclor-1016	mg/kg	ND	ND	ND	ND	NA	NA	NA
Aroclor-1221	mg/kg	ND	ND	ND	ND	NA	NA	NA
Aroclor-1232	mg/kg	ND	ND	ND	ND	NA	NA	NA
Aroclor-1242	mg/kg	ND	ND	ND	ND	NA	NA	NA
Aroclor-1248	mg/kg	0.183	ND	ND	ND	NA	NA	NA
Aroclor-1254	mg/kg	0.296	ND	ND	0.857	NA	NA	NA
Aroclor-1260	mg/kg	ND	ND	ND	ND	NA	NA	NA
Aroclor-1262	mg/kg	ND	ND	ND	ND	NA	NA	NA
Aroclor-1268	mg/kg	ND	ND	ND	ND	NA	NA	NA
Total PCBs	mg/kg	0.479	ND	ND	0.857	10	10	10
Total Petroleum Hydrocarbons								
TPH	mg/kg	359	495	429	1000	500	2,500	2,500

Notes: ND Less than minimum detection limit
 -- / NA Not Analyzed / Not Available
 R-DEC Exceeds Residential Direct exposure Criteria
 I/C-DEC Exceeds Industrial/Commercial Direct exposure Criteria
 GB-LC Exceeds GB Leachability Criteria
 mg/kg milligrams per kilograms (parts per million)

TABLE 2C

SUMMARY ANALYTICAL SURFICIAL SOIL DATA

434 Allens Ave, Providence, RI

Detected Analytes Only

	Date Sampled:	11/8/2023	11/8/2023	11/8/2023	11/8/2023	11/8/2023	11/8/2023	11/8/2023	11/8/2023	11/8/2023	11/8/2023	11/8/2023	11/8/2023			
	Location:	SS-1	SS-2	SS-3	SS-4	SS-5	SS-6	SS-7	SS-8	SS-9	SS-10	SS-11	SS-12	R-DEC	I/C-DEC	GB-LC
	Sample Depth:	0-2	0-2	0-2	0-2	0-2	0-2	0-2	0-2	0-2	0-2	0-2	0-2			
	Case No.:	3K09070	3K09070	3K09070	3K09070	3K09070	3K09070	3K09070	3K09070	3K09070	3K09070	3K09070	3K09070			
	Units															
Metals																
Arsenic	mg/kg	4.98	4	2	6.17	2.95	4.11	1.99	3.22	11.9	11.6	7.37	6.63	7	7	NA
Lead	mg/kg	323	133	330	305	79.8	283	97.1	119	1830	989	402	237	150	500	NA
Total Petroleum Hydrocarbons																
TPH	mg/kg	75	1160	1030	2470	220	4410	1330	2950	1400	1210	1910	430	500	2,500	2,500

- Notes: ND Less than minimum detection limit
 -- / NA Not Analyzed / Not Available
 R-DEC Exceeds Residential Direct exposure Criteria
 I/C-DEC Exceeds Industrial/Commercial Direct exposure Criteria
 GB-LC Exceeds GB Leachability Criteria
 mg/kg milligrams per kilograms (parts per million)

TABLE 3

SUMMARY ANALYTICAL GROUNDWATER DATA

434 Allens Ave, Providence, RI

Detected Analytes Only

		Date Sampled:	11/8/2023	11/8/2023	11/8/2023	
		Location:	MW-1	MW-2	MW-3	GB-GWO
		Case No.:	3K09070	3K09070	3K09070	
	<u>Units</u>					
<u>Volatile Organic Compounds</u>						
MTBE	mg/L	0.002	0.002	0.009		5
Toluene	mg/L	0.002	ND	ND		1.7
tert-Amyl methyl ether	mg/L	ND	ND	0.002		NA
<u>Polychlorinated Biphenyls (PCBs)</u>						
Total PCBs	mg/L	ND	ND	ND		NA
<u>Total Petroleum Hydrocarbons</u>						
TPH	mg/L	ND	ND	0.795		NA

- Notes: ND Less than minimum detection limit
 -- / NA Not Analyzed / Not Available
 GB-GWO Exceeds GB Groundwater Objectives
 mg/L milligrams per liter

APPENDIX A

Soil Boring & Test Pit Logs



359 Putnam Pike, Suite 105
Smithfield, RI 02917

SITE: 434 Allens Ave
 DATE:
 CLIENT:
 DRILLING CO.:
 DRILLING METHOD: D-P (GP 6600)
 SAMPLER METHOD: MC
 CASING DIAMETER: 2" macro core 5ft length
 BORING NO.: B1
 WEATHER:
 LSE INSPECTOR: LSE
 SURFACE ELEVATION:
 DEPTH TO WATER: ft-bg
 LSE PROJECT NO.:
 COMPLETED:
 SHEET 1/1

8.20
8.30

Sample Interval	Recovery/Penetration (in/ft)	*Headspace (ppmv)	Sample Depth (feet)	Sample Number	Materials Description (color, density, size, major and minor constituents, moisture)	Well Construction
0-5	4/5	0.1	0-2	S1 L	Dark brown gravelly soil with cobbles, some large rocks, odor	(Depth Interval) CEMENT SEAL: Surface NATURAL FILL BENTONITE SEAL 1ft FILTER SAND SOLID PVC RISER PVC SCREEN
5-10	3.5/5	0.3	5-7	S2 L	Dark brown gravelly soil, some glass @ 8ft-bg. - moisture @ 8.5 ft-bg - odor	
10-15				S3		
15-20				S4		
20-25				S5		

COMMENTS:
 * PID: MiniRae 2000 w/10.6 EV lamp calibrated to 100 ppmv as isobutylene.
 Groundwater encountered?

GRANULAR SOILS COHESIVELESS DENSITY
 0-4 Very Loose
 5-9 Loose
 10-29 Medium Dense
 30-49 Dense
 50+ Very Dense

PROPORTIONS USED
 Trace 0-10%
 Little 10-20%
 Some 20-35%
 And 35-50%

PLASTIC SOILS COHESIVE DENSITY
 0-2 Very Soft
 3-4 Soft
 5-8 Medium Stiff
 9-15 Stiff
 16-30 Very Stiff
 31+ Hard

LEGEND:
 ND= Not Detected NA= Not Applicable
 GS= Ground Surface NR= Not Recorded
 [L]= Collected for lab analysis



359 Putnam Pike, Suite 105
Smithfield, RI 02917

SITE: 434 Allens Ave
DATE:
CLIENT:
DRILLING CO.:
DRILLING METHOD: D-P (GP 6600)
SAMPLER METHOD: MC
CASING DIAMETER: 2" macro core 5ft length

BORING NO.: B2
WEATHER:
LSE INSPECTOR: LSE
SURFACE ELEVATION:
DEPTH TO WATER: ft-bg
LSE PROJECT NO.:
COMPLETED: 1/1
SHEET

Sample Interval	Recovery/ Penetration (in/ft)	*Headspace (ppmv)	Sample Depth (feet)	Sample Number	Materials Description (color, density, size, major and minor constituents, moisture)	Well Construction
0-5	4 5/8	1.8	0-2	S1 L	- gravel, F-M dense sand, gray and brown - 2' of F dense brown sand w/ some glass - red F-M sand NO ODOR	(Depth Interval) CEMENT SEAL: Surface NATURAL FILL BENTONITE SEAL 1ft FILTER SAND SOLID PVC RISER PVC SCREEN
5-10	4/5	0.6	5-7	S2 L	- gravel, dark gray and black with some glass & metal, - moisture @ 7.5 ft-bg - gray silty sand, dense NO ODOR	
10-15				S3		
15-20				S4		
20-25				S5		

8.50
9.00

<p>COMMENTS:</p> <p>* PID: MiniRae 2000 w/10.6 EV lamp calibrated to 100 ppmv as isobutylene.</p> <p>Groundwater encountered?</p>	<p>GRANULAR SOILS COHESIVELESS DENSITY</p> <p>0-4 Very Loose 5-9 Loose 10-29 Medium Dense 30-49 Dense 50+ Very Dense</p> <p>PROPORTIONS USED</p> <p>Trace 0-10% Little 10-20% Some 20-35% And 35-50%</p>	<p>PLASTIC SOILS COHESIVE DENSITY</p> <p>0-2 Very Soft 3-4 Soft 5-8 Medium Stiff 9-15 Stiff 16-30 Very Stiff 31+ Hard</p> <p>LEGEND:</p> <p>ND= Not Detected NA= Not Applicable GS= Ground Surface NR= Not Recorded</p> <p>[L]= Collected for lab analysis</p>
--	--	--

gravel or crushed stone?



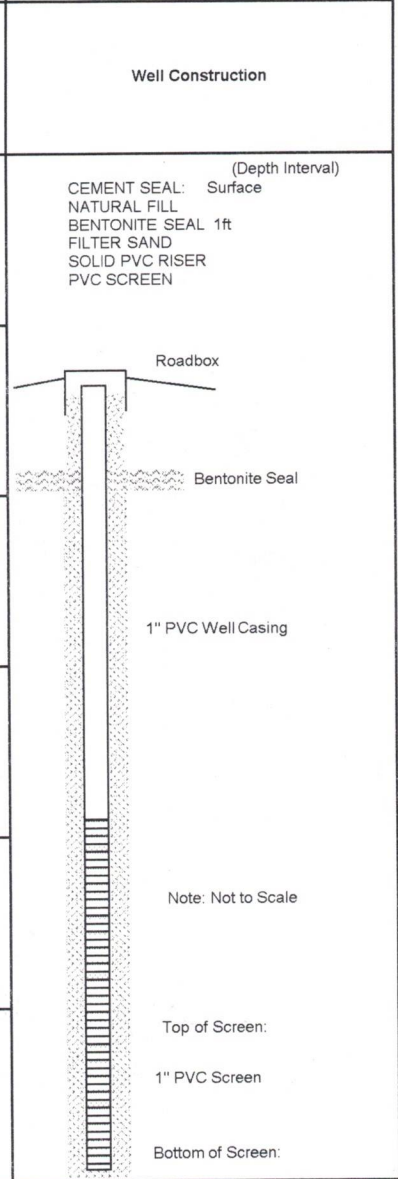
359 Putnam Pike, Suite 105
Smithfield, RI 02917

SITE: 434 Allens Ave
DATE:
CLIENT:
DRILLING CO.:
DRILLING METHOD: D-P (GP 6600)
SAMPLER METHOD: MC
CASING DIAMETER: 2" macro core 5ft length

BORING NO.: B3
WEATHER:
LSE INSPECTOR: LSE
SURFACE ELEVATION:
DEPTH TO WATER: ft.-bg
LSE PROJECT NO.:
COMPLETED: 1/1
SHEET

9:20
9:30

Sample Interval	Recovery/ Penetration (in/ft)	*Headspace (ppmv)	Sample Depth (feet)	Sample Number	Materials Description (color, density, size, major and minor constituents, moisture)
0-5	3.5/5	0.5	0-2	S1	-brown f-m sand with some cobbles -black gravel 3-3.5 f.-bg ^{↳ some grass} -some concrete, then f-m dark gray sand, dense -slight odor @ gravel
5-10	4/5	1.5	5-7	S2	-dark brown/black gravel & sand, -some glass & wood chips -moisture @ 8.5 ft.-bg -gray silty sand - some odor
10-15				S3	
15-20				S4	
20-25				S5	



COMMENTS:
* PID: MiniRae 2000 w/10.6 EV lamp calibrated to 100 ppmv as isobutylene.
Groundwater encountered?

GRANULAR SOILS COHESIVELESS DENSITY
0-4 Very Loose
5-9 Loose
10-29 Medium Dense
30-49 Dense
50+ Very Dense

PROPORTIONS USED
Trace 0-10%
Little 10-20%
Some 20-35%
And 35-50%

PLASTIC SOILS COHESIVE DENSITY
0-2 Very Soft
3-4 Soft
5-8 Medium Stiff
9-15 Stiff
16-30 Very Stiff
31+ Hard

LEGEND:
ND= Not Detected NA= Not Applicable
GS= Ground Surface NR= Not Recorded
[L]= Collected for lab analysis



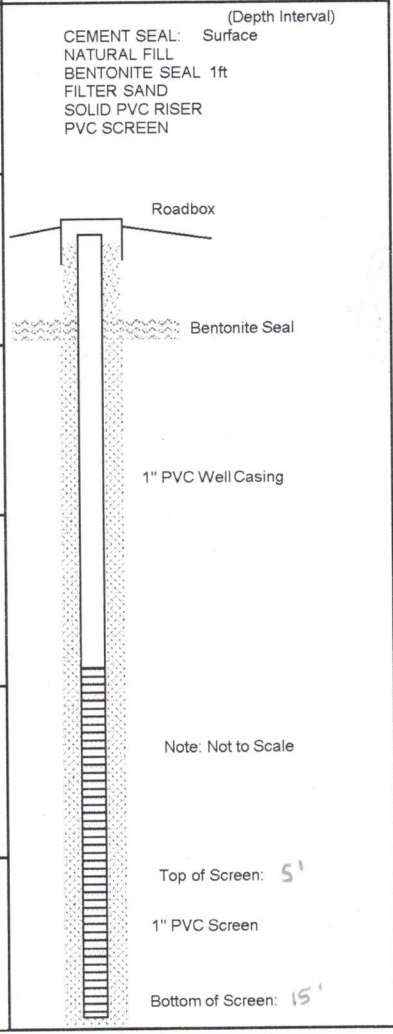
359 Putnam Pike, Suite 105
Smithfield, RI 02917

SITE: 434 Allens Ave
DATE:
CLIENT:
DRILLING CO.:
DRILLING METHOD: D-P (GP 6600)
SAMPLER METHOD: MC
CASING DIAMETER: 2" macro core 5ft length

BORING NO.: B4/Mw-2
WEATHER:
LSE INSPECTOR: LSE
SURFACE ELEVATION:
DEPTH TO WATER: 8.46 ft-bg
LSE PROJECT NO.:
COMPLETED:
SHEET 1/1

9:50
10:00

Sample Interval	Recovery/ Penetration (in/ft)	*Headspace (ppmv)	SampleDepth (feet)	Sample Number	Materials Description (color, density, size, major and minor constituents, moisture)
0-5	4/5	0.6	0-2	S1 L	- black crushed stone, dark brown F-M sand w/ some cobbles, dense - bottom 2' more black crushed stone - slight odor
5-10	3.5/5	0.7	5-7	S2 L	- black crushed stone, glass - 1.5' F well sorted gray sand - gray sand w/ black crushed stone, WET - slight odor
10-15				S3	
15-20				S4	- pushed to 15 EOB @ 15 ft-log
20-25				S5	



COMMENTS:
* PID: MiniRae 2000 w/10.6 EV lamp calibrated to 100 ppmv as isobutylene.
Groundwater encountered?

GRANULAR SOILS COHESIVELESS DENSITY
0-4 Very Loose
5-9 Loose
10-29 Medium Dense
30-49 Dense
50+ Very Dense

PROPORTIONS USED
Trace 0-10%
Little 10-20%
Some 20-35%
And 35-50%

PLASTIC SOILS COHESIVE DENSITY
0-2 Very Soft
3-4 Soft
5-8 Medium Stiff
9-15 Stiff
16-30 Very Stiff
31+ Hard

LEGEND:
ND= Not Detected NA= Not Applicable
GS= Ground Surface NR= Not Recorded
[L]= Collected for lab analysis



359 Putnam Pike, Suite 105
Smithfield, RI 02917

SITE: 434 Allens Ave

DATE:
CLIENT:
DRILLING CO.:
DRILLING METHOD: D-P (GP 6600)
SAMPLER METHOD: MC
CASING DIAMETER: 2" macro core 5ft length

BORING NO.: B5
WEATHER:
LSE INSPECTOR: LSE
SURFACE ELEVATION:
DEPTH TO WATER: ft-bg
LSE PROJECT NO.:
COMPLETED:
SHEET 1/1

Sample Interval	Recovery/ Penetration (in/ft)	*Headspace (ppmv)	Sample Depth (feet)	Sample Number	Materials Description (color, density, size, major and minor constituents, moisture)	Well Construction
0-5	4/5	0.2	0-2	S1	-dry F-M brown silt, brick - F-M brown silty sand w/ some cobbles, wood chips - crushed black stone & black F sand - slight odor	(Depth Interval) CEMENT SEAL: Surface NATURAL FILL BENTONITE SEAL 1ft FILTER SAND SOLID PVC RISER PVC SCREEN
5-10	4/5	0.3	5-7	S2	- crushed black stone & black F sand - crushed black stone, cobbles white - brown dense silt, very plastic, purtyl insulation? - gray F-M sand {light odor} - wet @ 8.5 ft-bq, gray F-M sand	Roadbox Bentonite Seal
10-15				S3		1" PVC Well Casing
15-20				S4		Note: Not to Scale
20-25				S5		Top of Screen: 1" PVC Screen Bottom of Screen:

12:50
1:00 PM

<p>COMMENTS:</p> <p>* PID: MiniRae 2000 w/10.6 EV lamp calibrated to 100 ppmv as isobutylene.</p> <p>Groundwater encountered?</p>	<p>GRANULAR SOILS COHESIVELESS DENSITY</p> <p>0-4 Very Loose 5-9 Loose 10-29 Medium Dense 30-49 Dense 50+ Very Dense</p> <p>PROPORTIONS USED</p> <p>Trace 0-10% Little 10-20% Some 20-35% And 35-50%</p>	<p>PLASTIC SOILS COHESIVE DENSITY</p> <p>0-2 Very Soft 3-4 Soft 5-8 Medium Stiff 9-15 Stiff 16-30 Very Stiff 31+ Hard</p> <p>LEGEND:</p> <p>ND= Not Detected NA= Not Applicable GS= Ground Surface NR= Not Recorded [L]= Collected for lab analysis</p>
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359 Putnam Pike, Suite 105
Smithfield, RI 02917

SITE: 434 Allens Ave

DATE:
CLIENT:
DRILLING CO.:
DRILLING METHOD: D-P (GP 6600)
SAMPLER METHOD: MC

CASING DIAMETER: 2" macro core 5ft length

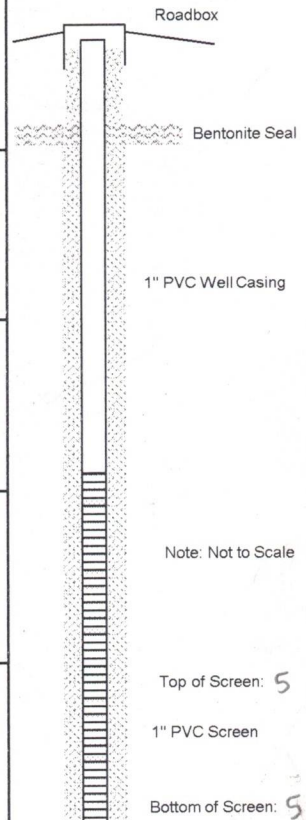
BORING NO.:

B6/MW-1

WEATHER:
LSE INSPECTOR: LSE
SURFACE ELEVATION:
DEPTH TO WATER: 6.31 ft-bg
LSE PROJECT NO.:
COMPLETED:
SHEET 1/1

Sample Interval	Recovery/ Penetration (in/ft)	*Headspace (ppmv)	Sample Depth (feet)	Sample Number	Materials Description (color, density, size, major and minor constituents, moisture)
0-5	3 5/5	1.3	0-2	S1 L	-brown soil w/ some wood chips & cobbles -gray F sand -dark gray silty sand -black crushed stone & sand -slight odor
5-10	3 5/5	1.2	5-7	S2 L	-black crushed stone & sand -wet @ ~8ft-bg -odor
10-15				S3	
15-20				S4	pushed to 15 EOB @ 15 ft-bg
20-25				S5	

(Depth Interval)
CEMENT SEAL: Surface
NATURAL FILL
BENTONITE SEAL 1ft
FILTER SAND
SOLID PVC RISER
PVC SCREEN



COMMENTS:

* PID: MiniRae 2000 w/10.6 EV lamp calibrated to 100 ppmv as isobutylene.

Groundwater encountered?

GRANULAR SOILS COHESIVELESS DENSITY

0-4 Very Loose
5-9 Loose
10-29 Medium Dense
30-49 Dense
50+ Very Dense

PROPORTIONS USED

Trace 0-10%
Little 10-20%
Some 20-35%
And 35-50%

PLASTIC SOILS COHESIVE DENSITY

0-2 Very Soft
3-4 Soft
5-8 Medium Stiff
9-15 Stiff
16-30 Very Stiff
31+ Hard

LEGEND:

ND= Not Detected NA= Not Applicable
GS= Ground Surface NR= Not Recorded
[L]= Collected for lab analysis

11:00
11:10



359 Putnam Pike, Suite 105
Smithfield, RI 02917

SITE: 434 Allens Ave
DATE:
CLIENT:
DRILLING CO.:
DRILLING METHOD: D-P (GP 6600)
SAMPLER METHOD: MC
CASING DIAMETER: 2" macro core 5ft length

BORING NO.: B7/mw-3
WEATHER:
LSE INSPECTOR: LSE
SURFACE ELEVATION:
DEPTH TO WATER: 8.30 ft-bg
LSE PROJECT NO.:
COMPLETED:
SHEET 1/1

Sample Interval	Recovery/ Penetration (in/ft)	*Headspace (ppmv)	Sample Depth (feet)	Sample Number	Materials Description (color, density, size, major and minor constituents, moisture)	Well Construction
0-5	3.5/5	0.4	0-2	S1 L	- brown silty, dense, some cobbles - dark brown silt, some red (brick?) - slight odor	(Depth Interval) CEMENT SEAL: Surface NATURAL FILL BENTONITE SEAL 1ft FILTER SAND SOLID PVC RISER PVC SCREEN
5-10	2/5	0.5	5-7	S2 L	- dark brown/black silty sand - gray silty sand - slight odor - wet @ 8 ft-bg - black wet silty sand	<p>Note: Not to Scale</p>
10-15			S3			
15-20			S4		pushed to 15' EOB @ 15 ft-bg	
20-25			S5			

12:20
12:30

COMMENTS:

* PID: MiniRae 2000 w/10.6 EV lamp calibrated to 100 ppmv as isobutylene.
Groundwater encountered?

GRANULAR SOILS COHESIVELESS DENSITY

0-4 Very Loose
5-9 Loose
10-29 Medium Dense
30-49 Dense
50+ Very Dense

PROPORTIONS USED

Trace 0-10%
Little 10-20%
Some 20-35%
And 35-50%

PLASTIC SOILS COHESIVE DENSITY

0-2 Very Soft
3-4 Soft
5-8 Medium Stiff
9-15 Stiff
16-30 Very Stiff
31+ Hard

LEGEND:

ND= Not Detected NA= Not Applicable
GS= Ground Surface NR= Not Recorded
[L]= Collected for lab analysis



359 Putnam Pike, Suite 105
Smithfield, RI 02917

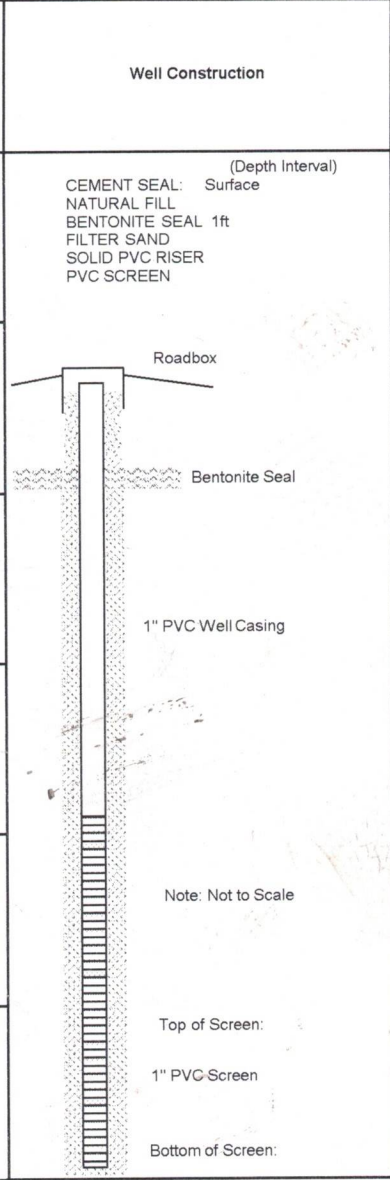
SITE: 434 Allens Ave

DATE:
CLIENT:
DRILLING CO.:
DRILLING METHOD: D-P (GP 6600)
SAMPLER METHOD: MC
CASING DIAMETER: 2" macro core 5ft length

BORING NO.: B8

WEATHER:
LSE INSPECTOR: LSE
SURFACE ELEVATION:
DEPTH TO WATER: ft-bg
LSE PROJECT NO.:
COMPLETED:
SHEET 1/1

Sample Interval	Recovery/ Penetration (in/ft)	*Headspace (ppmv)	Sample Depth (feet)	Sample Number	Materials Description (color, density, size, major and minor constituents, moisture)
0-5	4.5/5	0.2	0-2	S1 L	- dark brown crushed stone & silt - some gravel, some brick - gray & dark gray silty sand - red silty sand NO ODOR
5-10	3/5	4.4	5-7	S2 L	- red & black silty sand - wet @ 8 ft - black silty sand w/ crushed stone - odor
10-15				S3	
15-20				S4	
20-25				S5	



COMMENTS:
* PID: MiniRae 2000 w/10.6 EV lamp calibrated to 100 ppmv as isobutylene.
Groundwater encountered?

GRANULAR SOILS COHESIVELESS DENSITY
0-4 Very Loose
5-9 Loose
10-29 Medium Dense
30-49 Dense
50+ Very Dense

PROPORTIONS USED
Trace 0-10%
Little 10-20%
Some 20-35%
And 35-50%

PLASTIC SOILS COHESIVE DENSITY
0-2 Very Soft
3-4 Soft
5-8 Medium Stiff
9-15 Stiff
16-30 Very Stiff
31+ Hard

LEGEND:
ND= Not Detected NA= Not Applicable
GS= Ground Surface NR= Not Recorded
[L]= Collected for lab analysis

10:35
10:45



359 Putnam Pike, Suite 105
Smithfield, RI 02917

SITE: 434 Allens Ave

DATE:
CLIENT:
DRILLING CO.:
DRILLING METHOD: D-P (GP 6600)
SAMPLER METHOD: MC
CASING DIAMETER: 2" macro core 5ft length

BORING NO.: B9

WEATHER:
LSE INSPECTOR: LSE
SURFACE ELEVATION:
DEPTH TO WATER: ft-bg
LSE PROJECT NO.:
COMPLETED: 1/1
SHEET

Sample Interval	Recovery/ Penetration (in/ft)	*Headspace (ppmv)	Sample Depth (feet)	Sample Number	Materials Description (color, density, size, major and minor constituents, moisture)	Well Construction
0-5	4/5	0.3	0-2	S1 L	Quartz rock @ top, brown F soil w/ some cobbles - brown F uniform sand → some concrete - dark brown silty sand - black crushed stone NO ODOR	(Depth Interval) CEMENT SEAL: Surface NATURAL FILL BENTONITE SEAL 1ft FILTER SAND SOLID PVC RISER PVC SCREEN
5-10	3.5/5	0.4	5-7	S2 L	- dark brown silty sand - wet @ 7 ft-bg - slight odor	<p>Note: Not to Scale</p> <p>Top of Screen: 1" PVC Screen Bottom of Screen:</p>
10-15				S3		
15-20				S4		
20-25				S5		

COMMENTS:
* PID: MiniRae 2000 w/10.6 EV lamp calibrated to 100 ppmv as isobutylene.
Groundwater encountered?

GRANULAR SOILS COHESIVELESS DENSITY
0-4 Very Loose
5-9 Loose
10-29 Medium Dense
30-49 Dense
50+ Very Dense

PROPORTIONS USED
Trace 0-10%
Little 10-20%
Some 20-35%
And 35-50%

PLASTIC SOILS COHESIVE DENSITY
0-2 Very Soft
3-4 Soft
5-8 Medium Stiff
9-15 Stiff
16-30 Very Stiff
31+ Hard

LEGEND:
ND= Not Detected NA= Not Applicable
GS= Ground Surface NR= Not Recorded
[L]= Collected for lab analysis

11:45
12:00

TEST PIT LOG & SOIL SAMPLING FIELD DATA SHEET

Project Name:

Site Location:

Project No. RIRM

Date: 11/8/23

Weather: 40s, windy

*all comp

Field Screening Equipment: PID (IonScience Tiger LT) Cal. To 100 ppmv isobutylene

Test Pit No. SS-11 10:35 AM

Location: SW of South SP

Depth FT	Lithologic Description	Field Screening Data	Field Screening Data	Sample Depth FT	Lab Sample No.
0.5	crushed asphalt				
1	crushed stone & asphalt	0.4 ppmv			
1.5	dark brown dense soil w/ some cobbles				
2	same				
	slight odor				

Test Pit No. SS-10 10:40 AM

Location: W of large trench area

Depth FT	Lithologic Description	Field Screening Data	Field Screening Data	Sample Depth FT	Lab Sample No.
0.5	crushed asphalt				
1	brown dense soil w/ crushed stone	0.1 ppmv			
1.5	brown dense soil w/ fill				
2	same } brick, debris, some metal fragments				
	NO ODOR				

Test Pit No. SS-12 10:50 AM

Location: SE of North SP

Depth FT	Lithologic Description	Field Screening Data	Field Screening Data	Sample Depth FT	Lab Sample No.
0.5	crushed stone				
1	crushed stone w/ dark brown dense soil	0.2 ppmv			
1.5	brown dense soil w/ debris				
2	same				
	NO ODOR				

Soil Sample Summary

Sample No.	Sampler	Sampling Device (Auger Trowel, SS)	Sample Type (Grab/Composit) & Time	Field Decon: (Y/N/Deductd)	Container Type	Quantity	Preservative
SS-11	IG	trowel	comp		4oz	1	NONE
SS-10	↓	↓	↓		↓	↓	↓
SS-12	↓	↓	↓		↓	↓	↓

TEST PIT LOG & SOIL SAMPLING FIELD DATA SHEET

Project Name:

Site Location:

Project No. DIRM

Date: 11/8/23

Weather: 40s, windy

Field Screening Equipment: PID (IonScience Tiger LT) Cal. To 100 ppmv isobutylene

Test Pit No. SS-5

@ 11:45 AM

Location: W of north canopy

Depth FT	Lithologic Description	Field Screening Data	Field Screening Data	Sample Depth FT	Lab Sample No.
0.5	gray F sand w/ debris, crushed stone				
↓	gray F sand w/ debris & rocks	0.2 ppmv			
	brown F-M sand, some cobbles				
2	light brown F-M sand, some cobbles NO ODOR				

Test Pit No. SS-7

@ 12:00 PM

Location: E of north canopy

Depth FT	Lithologic Description	Field Screening Data	Field Screening Data	Sample Depth FT	Lab Sample No.
0.5	dark brown F-M sand, cobbles, debris				
↓	dark brown F-M sand, cobbles	0.2 ppmv			
	light brown/gray F sand with some cobbles				
2	light brown silty, F sand NO ODOR				

Test Pit No. SS-1

@ 12:05 PM

Location: NW corner of site, along Allens

Depth FT	Lithologic Description	Field Screening Data	Field Screening Data	Sample Depth FT	Lab Sample No.
0.5	brown F-M sand, roots & crushed stone, debris				
↓	brown F-M sand, roots, debris (plastic) &	0.2 ppmv			
	brown F-M sand, roots				
2	dark brown F-M sand, cobbles NO ODOR				

Soil Sample Summary

Sample No.	Sampler	Sampling Device (Auger Trowel, SS)	Sample Type (Grab/Composit) & Time	Field Decon: (Y/N/Deductd)	Container Type	Quantity	Preservative
SS-5	IG	trowel	comp		4oz	1	NONE
SS-7	↓	↓	↓		↓	↓	↓
SS-1	↓	↓	↓		↓	↓	↓

TEST PIT LOG & SOIL SAMPLING FIELD DATA SHEET

Project Name:

Site Location:

Project No. RIRM

Date: 11/8/23

Weather: 40s, sunny

Field Screening Equipment: PID (IonScience Tiger LT) Cal. To 100 ppmv isobutylene

Test Pit No. SS-3

@ 12:15

Location: NW portion of site, East of roll-offs, w/ light iron pile

Depth FT	Lithologic Description	Field Screening Data	Field Screening Data	Sample Depth FT	Lab Sample No.
0.5	crushed stone, debris				
↓	brown F-M sand, large rocks, debris	0.1 ppmv			
↓	light brown F-M sand, large rocks				
2	light gray, multi F-M sand, some cobbles NO ODOR				

Test Pit No. SS-2

@ 12:25

Location: SW portion, closer to entrance gate.

Depth FT	Lithologic Description	Field Screening Data	Field Screening Data	Sample Depth FT	Lab Sample No.
0.5	black crushed stone, asphalt pieces				
↓	dark brown F-M sand, cobbles	0.4 ppmv			
↓	brown F-M sand, loose, cobbles, debris				
2	↓ same ODOR				

Test Pit No. SS-4

@ 12:35

Location: near office & weigh station, S portion of site

Depth FT	Lithologic Description	Field Screening Data	Field Screening Data	Sample Depth FT	Lab Sample No.
0.5	black/dark brown crushed stone w/ sand (CF)				
↓	dark brown F-M sand, large rocks & crushed asphalt	0.1 ppmv			
↓	↓ same				
2	light brown/gray F-M sand, cobbles NO ODOR				

Soil Sample Summary

Sample No.	Sampler	Sampling Device (Auger Trowel, SS)	Sample Type (Grab/Composit) & Time	Field Decon: (Y/N/Deductd)	Container Type	Quantity	Preservative
SS-3	IG	trowel	comp		4 oz	1	NONE
SS-2	↓	↓	↓		↓	↓	↓
SS-4	↓	↓	↓				

APPENDIX B

Analytical Data Report for Borings and Stockpile Samples – NETL



New England Testing Laboratory, Inc.
(401) 353-3420

REPORT OF ANALYTICAL RESULTS

NETLAB Work Order Number: 3K03038
Client Project: 09050 - RIRM, 434 Allens Ave, Providence

Report Date: 10-November-2023

Prepared for:

Dave Hazebrouck
Lake Shore Environmental
359 Putnam Pike Suite 105
Smithfield, RI 02917

Richard Warila, Laboratory Director
New England Testing Laboratory, Inc.
59 Greenhill Street
West Warwick, RI 02893
rich.warila@newenglandtesting.com

Samples Submitted :

The samples listed below were submitted to New England Testing Laboratory on 11/03/23. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is 3K03038. Custody records are included in this report.

Lab ID	Sample	Matrix	Date Sampled	Date Received
3K03038-01	B1-S1	Soil	11/03/2023	11/03/2023
3K03038-02	B1-S2	Soil	11/03/2023	11/03/2023
3K03038-03	B2-S1	Soil	11/03/2023	11/03/2023
3K03038-04	B2-S2	Soil	11/03/2023	11/03/2023
3K03038-05	B3-S1	Soil	11/03/2023	11/03/2023
3K03038-06	B3-S2	Soil	11/03/2023	11/03/2023
3K03038-07	B4-S1	Soil	11/03/2023	11/03/2023
3K03038-08	B4-S2	Soil	11/03/2023	11/03/2023
3K03038-09	B5-S1	Soil	11/03/2023	11/03/2023
3K03038-10	B5-S2	Soil	11/03/2023	11/03/2023
3K03038-11	B6-S1	Soil	11/03/2023	11/03/2023
3K03038-12	B6-S2	Soil	11/03/2023	11/03/2023
3K03038-13	B7-S1	Soil	11/03/2023	11/03/2023
3K03038-14	B7-S2	Soil	11/03/2023	11/03/2023

Request for Analysis

At the client's request, the analyses presented in the following table were performed on the samples submitted.

B1-S1 (Lab Number: 3K03038-01)**Analysis**

Antimony
 Arsenic
 Beryllium
 Cadmium
 Chromium
 Copper
 Lead
 Mercury
 Nickel
 PCBs
 Selenium
 Semivolatile Organic Compounds
 Silver
 Thallium
 Total Petroleum Hydrocarbons
 Volatile Organic Compounds
 Zinc

Method

EPA 6010C
 EPA 6010C
 EPA 6010C
 EPA 6010C
 EPA 6010C
 EPA 6010C
 EPA 6010C
 EPA 7471B
 EPA 6010C
 EPA 8082A
 EPA 6010C
 EPA 8270D
 EPA 6010C
 EPA 6010C
 EPA-8100-mod
 EPA 8260C
 EPA 6010C

B1-S2 (Lab Number: 3K03038-02)**Analysis**

Antimony
 Arsenic
 Beryllium
 Cadmium
 Chromium
 Copper
 Lead
 Mercury
 Nickel
 PCBs
 Selenium
 Semivolatile Organic Compounds
 Silver
 Thallium
 Total Petroleum Hydrocarbons
 Volatile Organic Compounds
 Zinc

Method

EPA 6010C
 EPA 6010C
 EPA 6010C
 EPA 6010C
 EPA 6010C
 EPA 6010C
 EPA 6010C
 EPA 7471B
 EPA 6010C
 EPA 8082A
 EPA 6010C
 EPA 8270D
 EPA 6010C
 EPA 6010C
 EPA-8100-mod
 EPA 8260C
 EPA 6010C

B2-S1 (Lab Number: 3K03038-03)**Analysis**

Antimony
 Arsenic
 Beryllium
 Cadmium
 Chromium
 Copper
 Lead
 Mercury
 Nickel

Method

EPA 6010C
 EPA 6010C
 EPA 6010C
 EPA 6010C
 EPA 6010C
 EPA 6010C
 EPA 6010C
 EPA 7471B
 EPA 6010C

Request for Analysis (continued)

B2-S1 (Lab Number: 3K03038-03) (continued)

Analysis

PCBs
Selenium
Semivolatile Organic Compounds
Silver
Thallium
Total Petroleum Hydrocarbons
Volatile Organic Compounds
Zinc

Method

EPA 8082A
EPA 6010C
EPA 8270D
EPA 6010C
EPA 6010C
EPA 6010C
EPA-8100-mod
EPA 8260C
EPA 6010C

B2-S2 (Lab Number: 3K03038-04)

Analysis

Antimony
Arsenic
Beryllium
Cadmium
Chromium
Copper
Lead
Mercury
Nickel
PCBs
Selenium
Semivolatile Organic Compounds
Silver
Thallium
Total Petroleum Hydrocarbons
Volatile Organic Compounds
Zinc

Method

EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 7471B
EPA 6010C
EPA 8082A
EPA 6010C
EPA 8270D
EPA 6010C
EPA 6010C
EPA-8100-mod
EPA 8260C
EPA 6010C

B3-S1 (Lab Number: 3K03038-05)

Analysis

Antimony
Arsenic
Beryllium
Cadmium
Chromium
Copper
Lead
Mercury
Nickel
PCBs
Selenium
Semivolatile Organic Compounds
Silver
Thallium
Total Petroleum Hydrocarbons
Volatile Organic Compounds
Zinc

Method

EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 7471B
EPA 6010C
EPA 8082A
EPA 6010C
EPA 8270D
EPA 6010C
EPA 6010C
EPA-8100-mod
EPA 8260C
EPA 6010C

Request for Analysis (continued)

B3-S2 (Lab Number: 3K03038-06)

Analysis

Antimony
Arsenic
Beryllium
Cadmium
Chromium
Copper
Lead
Mercury
Nickel
PCBs
Selenium
Semivolatile Organic Compounds
Silver
Thallium
Total Petroleum Hydrocarbons
Volatile Organic Compounds
Zinc

Method

EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 7471B
EPA 6010C
EPA 8082A
EPA 6010C
EPA 8270D
EPA 6010C
EPA 6010C
EPA-8100-mod
EPA 8260C
EPA 6010C

B4-S1 (Lab Number: 3K03038-07)

Analysis

Antimony
Arsenic
Beryllium
Cadmium
Chromium
Copper
Lead
Mercury
Nickel
PCBs
Selenium
Semivolatile Organic Compounds
Silver
Thallium
Total Petroleum Hydrocarbons
Volatile Organic Compounds
Zinc

Method

EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 7471B
EPA 6010C
EPA 8082A
EPA 6010C
EPA 8270D
EPA 6010C
EPA 6010C
EPA-8100-mod
EPA 8260C
EPA 6010C

Request for Analysis (continued)

B4-S2 (Lab Number: 3K03038-08)

Analysis

Antimony
Arsenic
Beryllium
Cadmium
Chromium
Copper
Lead
Mercury
Nickel
PCBs
Selenium
Semivolatile Organic Compounds
Silver
Thallium
Total Petroleum Hydrocarbons
Volatile Organic Compounds
Zinc

Method

EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 7471B
EPA 6010C
EPA 8082A
EPA 6010C
EPA 8270D
EPA 6010C
EPA 6010C
EPA-8100-mod
EPA 8260C
EPA 6010C

B5-S1 (Lab Number: 3K03038-09)

Analysis

Antimony
Arsenic
Beryllium
Cadmium
Chromium
Copper
Lead
Mercury
Nickel
PCBs
Selenium
Semivolatile Organic Compounds
Silver
Thallium
Total Petroleum Hydrocarbons
Volatile Organic Compounds
Zinc

Method

EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 7471B
EPA 6010C
EPA 8082A
EPA 6010C
EPA 8270D
EPA 6010C
EPA 6010C
EPA-8100-mod
EPA 8260C
EPA 6010C

Request for Analysis (continued)

B5-S2 (Lab Number: 3K03038-10)

Analysis

Antimony
Arsenic
Beryllium
Cadmium
Chromium
Copper
Lead
Mercury
Nickel
PCBs
Selenium
Semivolatile Organic Compounds
Silver
Thallium
Total Petroleum Hydrocarbons
Volatile Organic Compounds
Zinc

Method

EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 7471B
EPA 6010C
EPA 8082A
EPA 6010C
EPA 8270D
EPA 6010C
EPA 6010C
EPA-8100-mod
EPA 8260C
EPA 6010C

B6-S1 (Lab Number: 3K03038-11)

Analysis

Antimony
Arsenic
Beryllium
Cadmium
Chromium
Copper
Lead
Mercury
Nickel
PCBs
Selenium
Semivolatile Organic Compounds
Silver
Thallium
Total Petroleum Hydrocarbons
Volatile Organic Compounds
Zinc

Method

EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 7471B
EPA 6010C
EPA 8082A
EPA 6010C
EPA 8270D
EPA 6010C
EPA 6010C
EPA-8100-mod
EPA 8260C
EPA 6010C

Request for Analysis (continued)

B6-S2 (Lab Number: 3K03038-12)

Analysis

Antimony
Arsenic
Beryllium
Cadmium
Chromium
Copper
Lead
Mercury
Nickel
PCBs
Selenium
Semivolatile Organic Compounds
Silver
Thallium
Total Petroleum Hydrocarbons
Volatile Organic Compounds
Zinc

Method

EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 7471B
EPA 6010C
EPA 8082A
EPA 6010C
EPA 8270D
EPA 6010C
EPA 6010C
EPA-8100-mod
EPA 8260C
EPA 6010C

B7-S1 (Lab Number: 3K03038-13)

Analysis

Antimony
Arsenic
Beryllium
Cadmium
Chromium
Copper
Lead
Mercury
Nickel
PCBs
Selenium
Semivolatile Organic Compounds
Silver
Thallium
Total Petroleum Hydrocarbons
Volatile Organic Compounds
Zinc

Method

EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 7471B
EPA 6010C
EPA 8082A
EPA 6010C
EPA 8270D
EPA 6010C
EPA 6010C
EPA-8100-mod
EPA 8260C
EPA 6010C

Request for Analysis (continued)

B7-S2 (Lab Number: 3K03038-14)

Analysis

Antimony
Arsenic
Beryllium
Cadmium
Chromium
Copper
Lead
Mercury
Nickel
PCBs
Selenium
Semivolatile Organic Compounds
Silver
Thallium
Total Petroleum Hydrocarbons
Volatile Organic Compounds
Zinc

Method

EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 7471B
EPA 6010C
EPA 8082A
EPA 6010C
EPA 8270D
EPA 6010C
EPA 6010C
EPA-8100-mod
EPA 8260C
EPA 6010C

Method References

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, USEPA

Case Narrative

Sample Receipt:

The samples associated with this work order were received in appropriately cooled and preserved containers. The chain of custody was adequately completed and corresponded to the samples submitted.

Exceptions: None

Analysis:

All samples were prepared and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control requirements and allowances. Results for all soil samples, unless otherwise indicated, are reported on a dry weight basis.

Exceptions:

8270: The samples "B2-S1,B3-S1, B4-S2, and B7-S1" have one surrogate outside quality control limits due to matrix interference.

Results: Total Metals**Sample: B1-S1****Lab Number: 3K03038-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Antimony	6.29		0.86	mg/kg	11/06/23	11/09/23
Arsenic	6.56		1.31	mg/kg	11/06/23	11/09/23
Beryllium	ND		0.43	mg/kg	11/06/23	11/09/23
Cadmium	4.57		0.65	mg/kg	11/06/23	11/09/23
Chromium	21.9		0.65	mg/kg	11/06/23	11/09/23
Copper	390		2.62	mg/kg	11/06/23	11/09/23
Lead	330		0.65	mg/kg	11/06/23	11/09/23
Mercury	ND		1.39	mg/kg	11/06/23	11/07/23
Nickel	122		0.65	mg/kg	11/06/23	11/09/23
Selenium	ND		1.31	mg/kg	11/06/23	11/09/23
Silver	4.02		1.31	mg/kg	11/06/23	11/09/23
Zinc	394		2.6	mg/kg	11/06/23	11/09/23
Thallium	ND		0.43	mg/kg	11/06/23	11/09/23

Results: Total Metals**Sample: B1-S2****Lab Number: 3K03038-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Antimony	1.79		0.98	mg/kg	11/06/23	11/09/23
Arsenic	19.6		1.49	mg/kg	11/06/23	11/09/23
Beryllium	0.93		0.49	mg/kg	11/06/23	11/09/23
Cadmium	10.5		0.74	mg/kg	11/06/23	11/09/23
Chromium	20.7		0.74	mg/kg	11/06/23	11/09/23
Copper	630		2.98	mg/kg	11/06/23	11/09/23
Lead	1100		0.74	mg/kg	11/06/23	11/09/23
Mercury	1.88		1.60	mg/kg	11/06/23	11/07/23
Nickel	96.3		0.74	mg/kg	11/06/23	11/09/23
Selenium	ND		1.49	mg/kg	11/06/23	11/09/23
Silver	8.04		1.49	mg/kg	11/06/23	11/09/23
Zinc	789		3.0	mg/kg	11/06/23	11/09/23
Thallium	ND		0.49	mg/kg	11/06/23	11/09/23

Results: Total Metals**Sample: B2-S1****Lab Number: 3K03038-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Antimony	1.30		0.87	mg/kg	11/06/23	11/09/23
Arsenic	3.33		1.32	mg/kg	11/06/23	11/09/23
Beryllium	ND		0.44	mg/kg	11/06/23	11/09/23
Cadmium	1.99		0.66	mg/kg	11/06/23	11/09/23
Chromium	20.1		0.66	mg/kg	11/06/23	11/09/23
Copper	59.6		2.65	mg/kg	11/06/23	11/09/23
Lead	152		0.66	mg/kg	11/06/23	11/09/23
Mercury	ND		1.53	mg/kg	11/06/23	11/07/23
Nickel	26.8		0.66	mg/kg	11/06/23	11/09/23
Selenium	ND		1.32	mg/kg	11/06/23	11/09/23
Silver	ND		1.32	mg/kg	11/06/23	11/09/23
Zinc	431		2.6	mg/kg	11/06/23	11/09/23
Thallium	ND		0.44	mg/kg	11/06/23	11/09/23

Results: Total Metals**Sample: B2-S2****Lab Number: 3K03038-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Antimony	ND		0.98	mg/kg	11/06/23	11/09/23
Arsenic	4.71		1.48	mg/kg	11/06/23	11/09/23
Beryllium	ND		0.49	mg/kg	11/06/23	11/09/23
Cadmium	1.10		0.74	mg/kg	11/06/23	11/09/23
Chromium	14.9		0.74	mg/kg	11/06/23	11/09/23
Copper	65.4		2.97	mg/kg	11/06/23	11/09/23
Lead	463		0.74	mg/kg	11/06/23	11/09/23
Mercury	0.592		0.151	mg/kg	11/06/23	11/07/23
Nickel	27.2		0.74	mg/kg	11/06/23	11/09/23
Selenium	ND		1.48	mg/kg	11/06/23	11/09/23
Silver	ND		1.48	mg/kg	11/06/23	11/09/23
Zinc	297		3.0	mg/kg	11/06/23	11/09/23
Thallium	ND		0.49	mg/kg	11/06/23	11/09/23

Results: Total Metals**Sample: B3-S1****Lab Number: 3K03038-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Antimony	ND		0.85	mg/kg	11/06/23	11/09/23
Arsenic	2.46		1.29	mg/kg	11/06/23	11/09/23
Beryllium	ND		0.43	mg/kg	11/06/23	11/09/23
Cadmium	1.07		0.65	mg/kg	11/06/23	11/09/23
Chromium	8.70		0.65	mg/kg	11/06/23	11/09/23
Copper	17.8		2.58	mg/kg	11/06/23	11/09/23
Lead	69.4		0.65	mg/kg	11/06/23	11/09/23
Mercury	0.202		0.159	mg/kg	11/06/23	11/07/23
Nickel	8.55		0.65	mg/kg	11/06/23	11/09/23
Selenium	ND		1.29	mg/kg	11/06/23	11/09/23
Silver	ND		1.29	mg/kg	11/06/23	11/09/23
Zinc	69.7		2.6	mg/kg	11/06/23	11/09/23
Thallium	ND		0.43	mg/kg	11/06/23	11/09/23

Results: Total Metals**Sample: B3-S2****Lab Number: 3K03038-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Antimony	ND		0.83	mg/kg	11/06/23	11/09/23
Arsenic	5.53		1.26	mg/kg	11/06/23	11/09/23
Beryllium	ND		0.42	mg/kg	11/06/23	11/09/23
Cadmium	1.28		0.63	mg/kg	11/06/23	11/09/23
Chromium	25.8		0.63	mg/kg	11/06/23	11/09/23
Copper	47.3		2.52	mg/kg	11/06/23	11/09/23
Lead	330		0.63	mg/kg	11/06/23	11/09/23
Mercury	4.07		1.64	mg/kg	11/06/23	11/07/23
Nickel	17.6		0.63	mg/kg	11/06/23	11/09/23
Selenium	ND		1.26	mg/kg	11/06/23	11/09/23
Silver	ND		1.26	mg/kg	11/06/23	11/09/23
Zinc	131		2.5	mg/kg	11/06/23	11/09/23
Thallium	ND		0.42	mg/kg	11/06/23	11/09/23

Results: Total Metals**Sample: B4-S1****Lab Number: 3K03038-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Antimony	3.39		0.82	mg/kg	11/06/23	11/09/23
Arsenic	6.76		1.24	mg/kg	11/06/23	11/09/23
Beryllium	ND		0.41	mg/kg	11/06/23	11/09/23
Cadmium	10.1		0.62	mg/kg	11/06/23	11/09/23
Chromium	28.8		0.62	mg/kg	11/06/23	11/09/23
Copper	416		2.49	mg/kg	11/06/23	11/09/23
Lead	492		0.62	mg/kg	11/06/23	11/09/23
Mercury	ND		1.42	mg/kg	11/06/23	11/07/23
Nickel	56.2		0.62	mg/kg	11/06/23	11/09/23
Selenium	56.7		1.24	mg/kg	11/06/23	11/09/23
Silver	2.13		1.24	mg/kg	11/06/23	11/09/23
Zinc	512		2.5	mg/kg	11/06/23	11/09/23
Thallium	ND		0.41	mg/kg	11/06/23	11/09/23

Results: Total Metals**Sample: B4-S2****Lab Number: 3K03038-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Antimony	ND		0.75	mg/kg	11/06/23	11/09/23
Arsenic	2.56		1.13	mg/kg	11/06/23	11/09/23
Beryllium	ND		0.37	mg/kg	11/06/23	11/09/23
Cadmium	ND		0.56	mg/kg	11/06/23	11/09/23
Chromium	6.57		0.56	mg/kg	11/06/23	11/09/23
Copper	15.9		2.26	mg/kg	11/06/23	11/09/23
Lead	65.1		0.56	mg/kg	11/06/23	11/09/23
Mercury	ND		1.42	mg/kg	11/06/23	11/07/23
Nickel	6.72		0.56	mg/kg	11/06/23	11/09/23
Selenium	ND		1.13	mg/kg	11/06/23	11/09/23
Silver	ND		1.13	mg/kg	11/06/23	11/09/23
Zinc	41.8		2.3	mg/kg	11/06/23	11/09/23
Thallium	ND		0.37	mg/kg	11/06/23	11/09/23

Results: Total Metals**Sample: B5-S1****Lab Number: 3K03038-09 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Antimony	1.85		0.83	mg/kg	11/06/23	11/09/23
Arsenic	3.13		1.26	mg/kg	11/06/23	11/09/23
Beryllium	ND		0.42	mg/kg	11/06/23	11/09/23
Cadmium	3.04		0.63	mg/kg	11/06/23	11/09/23
Chromium	72.7		0.63	mg/kg	11/06/23	11/09/23
Copper	102		2.52	mg/kg	11/06/23	11/09/23
Lead	169		0.63	mg/kg	11/06/23	11/09/23
Mercury	ND		1.49	mg/kg	11/06/23	11/07/23
Nickel	62.3		0.63	mg/kg	11/06/23	11/09/23
Selenium	ND		1.26	mg/kg	11/06/23	11/09/23
Silver	ND		1.26	mg/kg	11/06/23	11/09/23
Zinc	370		2.5	mg/kg	11/06/23	11/09/23
Thallium	ND		0.42	mg/kg	11/06/23	11/09/23

Results: Total Metals**Sample: B5-S2****Lab Number: 3K03038-10 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Antimony	1.34		0.93	mg/kg	11/06/23	11/09/23
Arsenic	7.58		1.41	mg/kg	11/06/23	11/09/23
Beryllium	ND		0.46	mg/kg	11/06/23	11/09/23
Cadmium	2.83		0.70	mg/kg	11/06/23	11/09/23
Chromium	44.0		0.70	mg/kg	11/06/23	11/09/23
Copper	116		2.82	mg/kg	11/06/23	11/09/23
Lead	375		0.70	mg/kg	11/06/23	11/09/23
Mercury	0.355		0.167	mg/kg	11/06/23	11/07/23
Nickel	32.1		0.70	mg/kg	11/06/23	11/09/23
Selenium	ND		1.41	mg/kg	11/06/23	11/09/23
Silver	ND		1.41	mg/kg	11/06/23	11/09/23
Zinc	297		2.8	mg/kg	11/06/23	11/09/23
Thallium	ND		0.46	mg/kg	11/06/23	11/09/23

Results: Total Metals**Sample: B6-S1****Lab Number: 3K03038-11 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Antimony	14.6		0.91	mg/kg	11/06/23	11/09/23
Arsenic	10.8		1.37	mg/kg	11/06/23	11/09/23
Beryllium	ND		0.45	mg/kg	11/06/23	11/09/23
Cadmium	4.51		0.69	mg/kg	11/06/23	11/09/23
Chromium	49.3		0.69	mg/kg	11/06/23	11/09/23
Copper	231		2.75	mg/kg	11/06/23	11/09/23
Lead	227		0.69	mg/kg	11/06/23	11/09/23
Mercury	0.560		0.143	mg/kg	11/06/23	11/07/23
Nickel	69.9		0.69	mg/kg	11/06/23	11/09/23
Selenium	ND		1.37	mg/kg	11/06/23	11/09/23
Silver	3.46		1.37	mg/kg	11/06/23	11/09/23
Zinc	825		2.7	mg/kg	11/06/23	11/09/23
Thallium	ND		0.45	mg/kg	11/06/23	11/09/23

Results: Total Metals**Sample: B6-S2****Lab Number: 3K03038-12 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Antimony	ND		0.91	mg/kg	11/06/23	11/09/23
Arsenic	12.2		1.38	mg/kg	11/06/23	11/09/23
Beryllium	ND		0.46	mg/kg	11/06/23	11/09/23
Cadmium	0.94		0.69	mg/kg	11/06/23	11/09/23
Chromium	20.3		0.69	mg/kg	11/06/23	11/09/23
Copper	103		2.76	mg/kg	11/06/23	11/09/23
Lead	37.0		0.69	mg/kg	11/06/23	11/09/23
Mercury	1.57		1.49	mg/kg	11/06/23	11/07/23
Nickel	22.0		0.69	mg/kg	11/06/23	11/09/23
Selenium	ND		1.38	mg/kg	11/06/23	11/09/23
Silver	ND		1.38	mg/kg	11/06/23	11/09/23
Zinc	96.4		2.8	mg/kg	11/06/23	11/09/23
Thallium	ND		0.46	mg/kg	11/06/23	11/09/23

Results: Total Metals**Sample: B7-S1****Lab Number: 3K03038-13 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Antimony	4.37		0.92	mg/kg	11/06/23	11/09/23
Arsenic	15.0		1.39	mg/kg	11/06/23	11/09/23
Beryllium	ND		0.46	mg/kg	11/06/23	11/09/23
Cadmium	8.30		0.70	mg/kg	11/06/23	11/09/23
Chromium	284		0.70	mg/kg	11/06/23	11/09/23
Copper	439		2.78	mg/kg	11/06/23	11/09/23
Lead	625		0.70	mg/kg	11/06/23	11/09/23
Mercury	ND		1.49	mg/kg	11/06/23	11/07/23
Nickel	342		0.70	mg/kg	11/06/23	11/09/23
Selenium	ND		1.39	mg/kg	11/06/23	11/09/23
Silver	ND		1.39	mg/kg	11/06/23	11/09/23
Zinc	762		2.8	mg/kg	11/06/23	11/09/23
Thallium	ND		0.46	mg/kg	11/06/23	11/09/23

Results: Total Metals**Sample: B7-S2****Lab Number: 3K03038-14 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Antimony	ND		0.86	mg/kg	11/06/23	11/09/23
Arsenic	4.09		1.31	mg/kg	11/06/23	11/09/23
Beryllium	ND		0.43	mg/kg	11/06/23	11/09/23
Cadmium	1.43		0.65	mg/kg	11/06/23	11/09/23
Chromium	21.2		0.65	mg/kg	11/06/23	11/09/23
Copper	61.9		2.61	mg/kg	11/06/23	11/09/23
Lead	79.0		0.65	mg/kg	11/06/23	11/09/23
Mercury	0.240		0.148	mg/kg	11/06/23	11/07/23
Nickel	29.5		0.65	mg/kg	11/06/23	11/09/23
Selenium	ND		1.31	mg/kg	11/06/23	11/09/23
Silver	ND		1.31	mg/kg	11/06/23	11/09/23
Zinc	82.4		2.6	mg/kg	11/06/23	11/09/23
Thallium	ND		0.43	mg/kg	11/06/23	11/09/23

Results: Volatile Organic Compounds 8260C (5035-HL)

Sample: B1-S1

Lab Number: 3K03038-01 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		2600	ug/kg	11/07/23	11/07/23
Benzene	ND		52	ug/kg	11/07/23	11/07/23
Bromobenzene	ND		52	ug/kg	11/07/23	11/07/23
Bromochloromethane	ND		52	ug/kg	11/07/23	11/07/23
Bromodichloromethane	ND		52	ug/kg	11/07/23	11/07/23
Bromoform	ND		52	ug/kg	11/07/23	11/07/23
Bromomethane	ND		52	ug/kg	11/07/23	11/07/23
2-Butanone	ND		1300	ug/kg	11/07/23	11/07/23
tert-Butyl alcohol	ND		260	ug/kg	11/07/23	11/07/23
sec-Butylbenzene	ND		52	ug/kg	11/07/23	11/07/23
n-Butylbenzene	ND		52	ug/kg	11/07/23	11/07/23
tert-Butylbenzene	ND		52	ug/kg	11/07/23	11/07/23
Methyl t-butyl ether (MTBE)	ND		52	ug/kg	11/07/23	11/07/23
Carbon Disulfide	ND		52	ug/kg	11/07/23	11/07/23
Carbon Tetrachloride	ND		52	ug/kg	11/07/23	11/07/23
Chlorobenzene	ND		52	ug/kg	11/07/23	11/07/23
Chloroethane	ND		52	ug/kg	11/07/23	11/07/23
Chloroform	ND		52	ug/kg	11/07/23	11/07/23
Chloromethane	ND		52	ug/kg	11/07/23	11/07/23
4-Chlorotoluene	ND		52	ug/kg	11/07/23	11/07/23
2-Chlorotoluene	ND		52	ug/kg	11/07/23	11/07/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		52	ug/kg	11/07/23	11/07/23
Dibromochloromethane	ND		52	ug/kg	11/07/23	11/07/23
1,2-Dibromoethane (EDB)	ND		52	ug/kg	11/07/23	11/07/23
Dibromomethane	ND		52	ug/kg	11/07/23	11/07/23
1,2-Dichlorobenzene	ND		52	ug/kg	11/07/23	11/07/23
1,3-Dichlorobenzene	ND		52	ug/kg	11/07/23	11/07/23
1,4-Dichlorobenzene	ND		52	ug/kg	11/07/23	11/07/23
1,1-Dichloroethane	ND		52	ug/kg	11/07/23	11/07/23
1,2-Dichloroethane	ND		52	ug/kg	11/07/23	11/07/23
trans-1,2-Dichloroethene	ND		52	ug/kg	11/07/23	11/07/23
cis-1,2-Dichloroethene	ND		52	ug/kg	11/07/23	11/07/23
1,1-Dichloroethene	ND		52	ug/kg	11/07/23	11/07/23
1,2-Dichloropropane	ND		52	ug/kg	11/07/23	11/07/23
2,2-Dichloropropane	ND		52	ug/kg	11/07/23	11/07/23
cis-1,3-Dichloropropene	ND		52	ug/kg	11/07/23	11/07/23
trans-1,3-Dichloropropene	ND		52	ug/kg	11/07/23	11/07/23
1,1-Dichloropropene	ND		52	ug/kg	11/07/23	11/07/23
1,3-Dichloropropene (cis + trans)	ND		104	ug/kg	11/07/23	11/07/23
Diethyl ether	ND		260	ug/kg	11/07/23	11/07/23
1,4-Dioxane	ND		5200	ug/kg	11/07/23	11/07/23
Ethylbenzene	ND		52	ug/kg	11/07/23	11/07/23
Hexachlorobutadiene	ND		52	ug/kg	11/07/23	11/07/23
2-Hexanone	ND		520	ug/kg	11/07/23	11/07/23
Isopropylbenzene	ND		52	ug/kg	11/07/23	11/07/23
p-Isopropyltoluene	ND		52	ug/kg	11/07/23	11/07/23
Methylene Chloride	ND		260	ug/kg	11/07/23	11/07/23
4-Methyl-2-pentanone	ND		364	ug/kg	11/07/23	11/07/23

Results: Volatile Organic Compounds 8260C (5035-HL) (Continued)

Sample: B1-S1 (Continued)

Lab Number: 3K03038-01 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		52	ug/kg	11/07/23	11/07/23
n-Propylbenzene	ND		52	ug/kg	11/07/23	11/07/23
Styrene	ND		52	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		52	ug/kg	11/07/23	11/07/23
Tetrachloroethene	ND		52	ug/kg	11/07/23	11/07/23
Tetrahydrofuran	ND		260	ug/kg	11/07/23	11/07/23
Toluene	ND		52	ug/kg	11/07/23	11/07/23
1,2,4-Trichlorobenzene	ND		52	ug/kg	11/07/23	11/07/23
1,2,3-Trichlorobenzene	ND		52	ug/kg	11/07/23	11/07/23
1,1,2-Trichloroethane	ND		52	ug/kg	11/07/23	11/07/23
1,1,1-Trichloroethane	ND		52	ug/kg	11/07/23	11/07/23
Trichloroethene	ND		52	ug/kg	11/07/23	11/07/23
1,2,3-Trichloropropane	ND		52	ug/kg	11/07/23	11/07/23
1,3,5-Trimethylbenzene	ND		52	ug/kg	11/07/23	11/07/23
1,2,4-Trimethylbenzene	ND		52	ug/kg	11/07/23	11/07/23
Vinyl Chloride	ND		52	ug/kg	11/07/23	11/07/23
o-Xylene	ND		52	ug/kg	11/07/23	11/07/23
m&p-Xylene	ND		104	ug/kg	11/07/23	11/07/23
Total xylenes	ND		52	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		52	ug/kg	11/07/23	11/07/23
tert-Amyl methyl ether	ND		52	ug/kg	11/07/23	11/07/23
1,3-Dichloropropane	ND		52	ug/kg	11/07/23	11/07/23
Ethyl tert-butyl ether	ND		52	ug/kg	11/07/23	11/07/23
Diisopropyl ether	ND		52	ug/kg	11/07/23	11/07/23
Trichlorofluoromethane	62		52	ug/kg	11/07/23	11/07/23
Dichlorodifluoromethane	ND		52	ug/kg	11/07/23	11/07/23
1,2 Dichloroethene, Total	ND		260	ug/kg	11/07/23	11/07/23
Surrogate(s)	Recovery%		Limits			

4-Bromofluorobenzene	90.3%		70-130		11/07/23	11/07/23
1,2-Dichloroethane-d4	96.9%		70-130		11/07/23	11/07/23
Toluene-d8	95.0%		70-130		11/07/23	11/07/23

Results: Volatile Organic Compounds 8260C (5035-HL)

Sample: B1-S2

Lab Number: 3K03038-02 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		4540	ug/kg	11/07/23	11/07/23
Benzene	ND		91	ug/kg	11/07/23	11/07/23
Bromobenzene	ND		91	ug/kg	11/07/23	11/07/23
Bromochloromethane	ND		91	ug/kg	11/07/23	11/07/23
Bromodichloromethane	ND		91	ug/kg	11/07/23	11/07/23
Bromoform	ND		91	ug/kg	11/07/23	11/07/23
Bromomethane	ND		91	ug/kg	11/07/23	11/07/23
2-Butanone	ND		2270	ug/kg	11/07/23	11/07/23
tert-Butyl alcohol	ND		454	ug/kg	11/07/23	11/07/23
sec-Butylbenzene	ND		91	ug/kg	11/07/23	11/07/23
n-Butylbenzene	ND		91	ug/kg	11/07/23	11/07/23
tert-Butylbenzene	ND		91	ug/kg	11/07/23	11/07/23
Methyl t-butyl ether (MTBE)	ND		91	ug/kg	11/07/23	11/07/23
Carbon Disulfide	ND		91	ug/kg	11/07/23	11/07/23
Carbon Tetrachloride	ND		91	ug/kg	11/07/23	11/07/23
Chlorobenzene	ND		91	ug/kg	11/07/23	11/07/23
Chloroethane	ND		91	ug/kg	11/07/23	11/07/23
Chloroform	ND		91	ug/kg	11/07/23	11/07/23
Chloromethane	ND		91	ug/kg	11/07/23	11/07/23
4-Chlorotoluene	ND		91	ug/kg	11/07/23	11/07/23
2-Chlorotoluene	ND		91	ug/kg	11/07/23	11/07/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		91	ug/kg	11/07/23	11/07/23
Dibromochloromethane	ND		91	ug/kg	11/07/23	11/07/23
1,2-Dibromoethane (EDB)	ND		91	ug/kg	11/07/23	11/07/23
Dibromomethane	ND		91	ug/kg	11/07/23	11/07/23
1,2-Dichlorobenzene	ND		91	ug/kg	11/07/23	11/07/23
1,3-Dichlorobenzene	ND		91	ug/kg	11/07/23	11/07/23
1,4-Dichlorobenzene	ND		91	ug/kg	11/07/23	11/07/23
1,1-Dichloroethane	ND		91	ug/kg	11/07/23	11/07/23
1,2-Dichloroethane	ND		91	ug/kg	11/07/23	11/07/23
trans-1,2-Dichloroethene	ND		91	ug/kg	11/07/23	11/07/23
cis-1,2-Dichloroethene	ND		91	ug/kg	11/07/23	11/07/23
1,1-Dichloroethene	ND		91	ug/kg	11/07/23	11/07/23
1,2-Dichloropropane	ND		91	ug/kg	11/07/23	11/07/23
2,2-Dichloropropane	ND		91	ug/kg	11/07/23	11/07/23
cis-1,3-Dichloropropene	ND		91	ug/kg	11/07/23	11/07/23
trans-1,3-Dichloropropene	ND		91	ug/kg	11/07/23	11/07/23
1,1-Dichloropropene	ND		91	ug/kg	11/07/23	11/07/23
1,3-Dichloropropene (cis + trans)	ND		182	ug/kg	11/07/23	11/07/23
Diethyl ether	ND		454	ug/kg	11/07/23	11/07/23
1,4-Dioxane	ND		9080	ug/kg	11/07/23	11/07/23
Ethylbenzene	ND		91	ug/kg	11/07/23	11/07/23
Hexachlorobutadiene	ND		91	ug/kg	11/07/23	11/07/23
2-Hexanone	ND		908	ug/kg	11/07/23	11/07/23
Isopropylbenzene	ND		91	ug/kg	11/07/23	11/07/23
p-Isopropyltoluene	ND		91	ug/kg	11/07/23	11/07/23
Methylene Chloride	ND		454	ug/kg	11/07/23	11/07/23
4-Methyl-2-pentanone	ND		635	ug/kg	11/07/23	11/07/23

Results: Volatile Organic Compounds 8260C (5035-HL) (Continued)

Sample: B1-S2 (Continued)

Lab Number: 3K03038-02 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		91	ug/kg	11/07/23	11/07/23
n-Propylbenzene	ND		91	ug/kg	11/07/23	11/07/23
Styrene	ND		91	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		91	ug/kg	11/07/23	11/07/23
Tetrachloroethene	ND		91	ug/kg	11/07/23	11/07/23
Tetrahydrofuran	ND		454	ug/kg	11/07/23	11/07/23
Toluene	ND		91	ug/kg	11/07/23	11/07/23
1,2,4-Trichlorobenzene	ND		91	ug/kg	11/07/23	11/07/23
1,2,3-Trichlorobenzene	ND		91	ug/kg	11/07/23	11/07/23
1,1,2-Trichloroethane	ND		91	ug/kg	11/07/23	11/07/23
1,1,1-Trichloroethane	ND		91	ug/kg	11/07/23	11/07/23
Trichloroethene	ND		91	ug/kg	11/07/23	11/07/23
1,2,3-Trichloropropane	ND		91	ug/kg	11/07/23	11/07/23
1,3,5-Trimethylbenzene	ND		91	ug/kg	11/07/23	11/07/23
1,2,4-Trimethylbenzene	ND		91	ug/kg	11/07/23	11/07/23
Vinyl Chloride	ND		91	ug/kg	11/07/23	11/07/23
o-Xylene	ND		91	ug/kg	11/07/23	11/07/23
m&p-Xylene	ND		182	ug/kg	11/07/23	11/07/23
Total xylenes	ND		91	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		91	ug/kg	11/07/23	11/07/23
tert-Amyl methyl ether	ND		91	ug/kg	11/07/23	11/07/23
1,3-Dichloropropane	ND		91	ug/kg	11/07/23	11/07/23
Ethyl tert-butyl ether	ND		91	ug/kg	11/07/23	11/07/23
Diisopropyl ether	ND		91	ug/kg	11/07/23	11/07/23
Trichlorofluoromethane	ND		91	ug/kg	11/07/23	11/07/23
Dichlorodifluoromethane	ND		91	ug/kg	11/07/23	11/07/23
1,2 Dichloroethene, Total	ND		454	ug/kg	11/07/23	11/07/23
Surrogate(s)	Recovery%		Limits			

<i>4-Bromofluorobenzene</i>	<i>89.4%</i>		<i>70-130</i>		11/07/23	11/07/23
<i>1,2-Dichloroethane-d4</i>	<i>98.6%</i>		<i>70-130</i>		11/07/23	11/07/23
<i>Toluene-d8</i>	<i>97.0%</i>		<i>70-130</i>		11/07/23	11/07/23

Results: Volatile Organic Compounds 8260C (5035-HL)

Sample: B2-S1

Lab Number: 3K03038-03 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		2690	ug/kg	11/07/23	11/07/23
Benzene	ND		54	ug/kg	11/07/23	11/07/23
Bromobenzene	ND		54	ug/kg	11/07/23	11/07/23
Bromochloromethane	ND		54	ug/kg	11/07/23	11/07/23
Bromodichloromethane	ND		54	ug/kg	11/07/23	11/07/23
Bromoform	ND		54	ug/kg	11/07/23	11/07/23
Bromomethane	ND		54	ug/kg	11/07/23	11/07/23
2-Butanone	ND		1340	ug/kg	11/07/23	11/07/23
tert-Butyl alcohol	ND		269	ug/kg	11/07/23	11/07/23
sec-Butylbenzene	ND		54	ug/kg	11/07/23	11/07/23
n-Butylbenzene	ND		54	ug/kg	11/07/23	11/07/23
tert-Butylbenzene	ND		54	ug/kg	11/07/23	11/07/23
Methyl t-butyl ether (MTBE)	ND		54	ug/kg	11/07/23	11/07/23
Carbon Disulfide	ND		54	ug/kg	11/07/23	11/07/23
Carbon Tetrachloride	ND		54	ug/kg	11/07/23	11/07/23
Chlorobenzene	ND		54	ug/kg	11/07/23	11/07/23
Chloroethane	ND		54	ug/kg	11/07/23	11/07/23
Chloroform	ND		54	ug/kg	11/07/23	11/07/23
Chloromethane	ND		54	ug/kg	11/07/23	11/07/23
4-Chlorotoluene	ND		54	ug/kg	11/07/23	11/07/23
2-Chlorotoluene	ND		54	ug/kg	11/07/23	11/07/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		54	ug/kg	11/07/23	11/07/23
Dibromochloromethane	ND		54	ug/kg	11/07/23	11/07/23
1,2-Dibromoethane (EDB)	ND		54	ug/kg	11/07/23	11/07/23
Dibromomethane	ND		54	ug/kg	11/07/23	11/07/23
1,2-Dichlorobenzene	ND		54	ug/kg	11/07/23	11/07/23
1,3-Dichlorobenzene	ND		54	ug/kg	11/07/23	11/07/23
1,4-Dichlorobenzene	ND		54	ug/kg	11/07/23	11/07/23
1,1-Dichloroethane	ND		54	ug/kg	11/07/23	11/07/23
1,2-Dichloroethane	ND		54	ug/kg	11/07/23	11/07/23
trans-1,2-Dichloroethene	ND		54	ug/kg	11/07/23	11/07/23
cis-1,2-Dichloroethene	ND		54	ug/kg	11/07/23	11/07/23
1,1-Dichloroethene	ND		54	ug/kg	11/07/23	11/07/23
1,2-Dichloropropane	ND		54	ug/kg	11/07/23	11/07/23
2,2-Dichloropropane	ND		54	ug/kg	11/07/23	11/07/23
cis-1,3-Dichloropropene	ND		54	ug/kg	11/07/23	11/07/23
trans-1,3-Dichloropropene	ND		54	ug/kg	11/07/23	11/07/23
1,1-Dichloropropene	ND		54	ug/kg	11/07/23	11/07/23
1,3-Dichloropropene (cis + trans)	ND		108	ug/kg	11/07/23	11/07/23
Diethyl ether	ND		269	ug/kg	11/07/23	11/07/23
1,4-Dioxane	ND		5380	ug/kg	11/07/23	11/07/23
Ethylbenzene	ND		54	ug/kg	11/07/23	11/07/23
Hexachlorobutadiene	ND		54	ug/kg	11/07/23	11/07/23
2-Hexanone	ND		538	ug/kg	11/07/23	11/07/23
Isopropylbenzene	ND		54	ug/kg	11/07/23	11/07/23
p-Isopropyltoluene	ND		54	ug/kg	11/07/23	11/07/23
Methylene Chloride	ND		269	ug/kg	11/07/23	11/07/23
4-Methyl-2-pentanone	ND		377	ug/kg	11/07/23	11/07/23

Results: Volatile Organic Compounds 8260C (5035-HL) (Continued)

Sample: B2-S1 (Continued)

Lab Number: 3K03038-03 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		54	ug/kg	11/07/23	11/07/23
n-Propylbenzene	ND		54	ug/kg	11/07/23	11/07/23
Styrene	ND		54	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		54	ug/kg	11/07/23	11/07/23
Tetrachloroethene	ND		54	ug/kg	11/07/23	11/07/23
Tetrahydrofuran	ND		269	ug/kg	11/07/23	11/07/23
Toluene	172		54	ug/kg	11/07/23	11/07/23
1,2,4-Trichlorobenzene	ND		54	ug/kg	11/07/23	11/07/23
1,2,3-Trichlorobenzene	ND		54	ug/kg	11/07/23	11/07/23
1,1,2-Trichloroethane	ND		54	ug/kg	11/07/23	11/07/23
1,1,1-Trichloroethane	ND		54	ug/kg	11/07/23	11/07/23
Trichloroethene	ND		54	ug/kg	11/07/23	11/07/23
1,2,3-Trichloropropane	ND		54	ug/kg	11/07/23	11/07/23
1,3,5-Trimethylbenzene	ND		54	ug/kg	11/07/23	11/07/23
1,2,4-Trimethylbenzene	123		54	ug/kg	11/07/23	11/07/23
Vinyl Chloride	ND		54	ug/kg	11/07/23	11/07/23
o-Xylene	ND		54	ug/kg	11/07/23	11/07/23
m&p-Xylene	116		108	ug/kg	11/07/23	11/07/23
Total xylenes	116		54	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		54	ug/kg	11/07/23	11/07/23
tert-Amyl methyl ether	ND		54	ug/kg	11/07/23	11/07/23
1,3-Dichloropropane	ND		54	ug/kg	11/07/23	11/07/23
Ethyl tert-butyl ether	ND		54	ug/kg	11/07/23	11/07/23
Diisopropyl ether	ND		54	ug/kg	11/07/23	11/07/23
Trichlorofluoromethane	432		54	ug/kg	11/07/23	11/07/23
Dichlorodifluoromethane	ND		54	ug/kg	11/07/23	11/07/23
1,2 Dichloroethene, Total	ND		269	ug/kg	11/07/23	11/07/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	92.8%		70-130		11/07/23	11/07/23
<i>1,2-Dichloroethane-d4</i>	95.5%		70-130		11/07/23	11/07/23
<i>Toluene-d8</i>	97.9%		70-130		11/07/23	11/07/23

Results: Volatile Organic Compounds 8260C (5035-HL)

Sample: B2-S2

Lab Number: 3K03038-04 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		2600	ug/kg	11/07/23	11/07/23
Benzene	ND		52	ug/kg	11/07/23	11/07/23
Bromobenzene	ND		52	ug/kg	11/07/23	11/07/23
Bromochloromethane	ND		52	ug/kg	11/07/23	11/07/23
Bromodichloromethane	ND		52	ug/kg	11/07/23	11/07/23
Bromoform	ND		52	ug/kg	11/07/23	11/07/23
Bromomethane	ND		52	ug/kg	11/07/23	11/07/23
2-Butanone	ND		1300	ug/kg	11/07/23	11/07/23
tert-Butyl alcohol	ND		260	ug/kg	11/07/23	11/07/23
sec-Butylbenzene	ND		52	ug/kg	11/07/23	11/07/23
n-Butylbenzene	ND		52	ug/kg	11/07/23	11/07/23
tert-Butylbenzene	ND		52	ug/kg	11/07/23	11/07/23
Methyl t-butyl ether (MTBE)	ND		52	ug/kg	11/07/23	11/07/23
Carbon Disulfide	ND		52	ug/kg	11/07/23	11/07/23
Carbon Tetrachloride	ND		52	ug/kg	11/07/23	11/07/23
Chlorobenzene	ND		52	ug/kg	11/07/23	11/07/23
Chloroethane	ND		52	ug/kg	11/07/23	11/07/23
Chloroform	ND		52	ug/kg	11/07/23	11/07/23
Chloromethane	ND		52	ug/kg	11/07/23	11/07/23
4-Chlorotoluene	ND		52	ug/kg	11/07/23	11/07/23
2-Chlorotoluene	ND		52	ug/kg	11/07/23	11/07/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		52	ug/kg	11/07/23	11/07/23
Dibromochloromethane	ND		52	ug/kg	11/07/23	11/07/23
1,2-Dibromoethane (EDB)	ND		52	ug/kg	11/07/23	11/07/23
Dibromomethane	ND		52	ug/kg	11/07/23	11/07/23
1,2-Dichlorobenzene	ND		52	ug/kg	11/07/23	11/07/23
1,3-Dichlorobenzene	ND		52	ug/kg	11/07/23	11/07/23
1,4-Dichlorobenzene	ND		52	ug/kg	11/07/23	11/07/23
1,1-Dichloroethane	ND		52	ug/kg	11/07/23	11/07/23
1,2-Dichloroethane	ND		52	ug/kg	11/07/23	11/07/23
trans-1,2-Dichloroethene	ND		52	ug/kg	11/07/23	11/07/23
cis-1,2-Dichloroethene	ND		52	ug/kg	11/07/23	11/07/23
1,1-Dichloroethene	ND		52	ug/kg	11/07/23	11/07/23
1,2-Dichloropropane	ND		52	ug/kg	11/07/23	11/07/23
2,2-Dichloropropane	ND		52	ug/kg	11/07/23	11/07/23
cis-1,3-Dichloropropene	ND		52	ug/kg	11/07/23	11/07/23
trans-1,3-Dichloropropene	ND		52	ug/kg	11/07/23	11/07/23
1,1-Dichloropropene	ND		52	ug/kg	11/07/23	11/07/23
1,3-Dichloropropene (cis + trans)	ND		104	ug/kg	11/07/23	11/07/23
Diethyl ether	ND		260	ug/kg	11/07/23	11/07/23
1,4-Dioxane	ND		5210	ug/kg	11/07/23	11/07/23
Ethylbenzene	ND		52	ug/kg	11/07/23	11/07/23
Hexachlorobutadiene	ND		52	ug/kg	11/07/23	11/07/23
2-Hexanone	ND		521	ug/kg	11/07/23	11/07/23
Isopropylbenzene	ND		52	ug/kg	11/07/23	11/07/23
p-Isopropyltoluene	ND		52	ug/kg	11/07/23	11/07/23
Methylene Chloride	ND		260	ug/kg	11/07/23	11/07/23
4-Methyl-2-pentanone	ND		365	ug/kg	11/07/23	11/07/23

Results: Volatile Organic Compounds 8260C (5035-HL) (Continued)

Sample: B2-S2 (Continued)

Lab Number: 3K03038-04 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		52	ug/kg	11/07/23	11/07/23
n-Propylbenzene	ND		52	ug/kg	11/07/23	11/07/23
Styrene	ND		52	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		52	ug/kg	11/07/23	11/07/23
Tetrachloroethene	ND		52	ug/kg	11/07/23	11/07/23
Tetrahydrofuran	ND		260	ug/kg	11/07/23	11/07/23
Toluene	ND		52	ug/kg	11/07/23	11/07/23
1,2,4-Trichlorobenzene	ND		52	ug/kg	11/07/23	11/07/23
1,2,3-Trichlorobenzene	ND		52	ug/kg	11/07/23	11/07/23
1,1,2-Trichloroethane	ND		52	ug/kg	11/07/23	11/07/23
1,1,1-Trichloroethane	ND		52	ug/kg	11/07/23	11/07/23
Trichloroethene	ND		52	ug/kg	11/07/23	11/07/23
1,2,3-Trichloropropane	ND		52	ug/kg	11/07/23	11/07/23
1,3,5-Trimethylbenzene	ND		52	ug/kg	11/07/23	11/07/23
1,2,4-Trimethylbenzene	ND		52	ug/kg	11/07/23	11/07/23
Vinyl Chloride	ND		52	ug/kg	11/07/23	11/07/23
o-Xylene	ND		52	ug/kg	11/07/23	11/07/23
m&p-Xylene	ND		104	ug/kg	11/07/23	11/07/23
Total xylenes	ND		52	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		52	ug/kg	11/07/23	11/07/23
tert-Amyl methyl ether	ND		52	ug/kg	11/07/23	11/07/23
1,3-Dichloropropane	ND		52	ug/kg	11/07/23	11/07/23
Ethyl tert-butyl ether	ND		52	ug/kg	11/07/23	11/07/23
Diisopropyl ether	ND		52	ug/kg	11/07/23	11/07/23
Trichlorofluoromethane	80		52	ug/kg	11/07/23	11/07/23
Dichlorodifluoromethane	ND		52	ug/kg	11/07/23	11/07/23
1,2 Dichloroethene, Total	ND		260	ug/kg	11/07/23	11/07/23
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Surrogate(s)	Recovery%		Limits			
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<i>4-Bromofluorobenzene</i>	90.4%		70-130		11/07/23	11/07/23
<i>1,2-Dichloroethane-d4</i>	96.2%		70-130		11/07/23	11/07/23
<i>Toluene-d8</i>	96.4%		70-130		11/07/23	11/07/23

Results: Volatile Organic Compounds 8260C (5035-HL)

Sample: B3-S1

Lab Number: 3K03038-05 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		14800	ug/kg	11/07/23	11/07/23
Benzene	ND		297	ug/kg	11/07/23	11/07/23
Bromobenzene	ND		297	ug/kg	11/07/23	11/07/23
Bromochloromethane	ND		297	ug/kg	11/07/23	11/07/23
Bromodichloromethane	ND		297	ug/kg	11/07/23	11/07/23
Bromoform	ND		297	ug/kg	11/07/23	11/07/23
Bromomethane	ND		297	ug/kg	11/07/23	11/07/23
2-Butanone	ND		7420	ug/kg	11/07/23	11/07/23
tert-Butyl alcohol	ND		1480	ug/kg	11/07/23	11/07/23
sec-Butylbenzene	ND		297	ug/kg	11/07/23	11/07/23
n-Butylbenzene	ND		297	ug/kg	11/07/23	11/07/23
tert-Butylbenzene	ND		297	ug/kg	11/07/23	11/07/23
Methyl t-butyl ether (MTBE)	ND		297	ug/kg	11/07/23	11/07/23
Carbon Disulfide	ND		297	ug/kg	11/07/23	11/07/23
Carbon Tetrachloride	ND		297	ug/kg	11/07/23	11/07/23
Chlorobenzene	ND		297	ug/kg	11/07/23	11/07/23
Chloroethane	ND		297	ug/kg	11/07/23	11/07/23
Chloroform	ND		297	ug/kg	11/07/23	11/07/23
Chloromethane	ND		297	ug/kg	11/07/23	11/07/23
4-Chlorotoluene	ND		297	ug/kg	11/07/23	11/07/23
2-Chlorotoluene	ND		297	ug/kg	11/07/23	11/07/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		297	ug/kg	11/07/23	11/07/23
Dibromochloromethane	ND		297	ug/kg	11/07/23	11/07/23
1,2-Dibromoethane (EDB)	ND		297	ug/kg	11/07/23	11/07/23
Dibromomethane	ND		297	ug/kg	11/07/23	11/07/23
1,2-Dichlorobenzene	ND		297	ug/kg	11/07/23	11/07/23
1,3-Dichlorobenzene	ND		297	ug/kg	11/07/23	11/07/23
1,4-Dichlorobenzene	ND		297	ug/kg	11/07/23	11/07/23
1,1-Dichloroethane	ND		297	ug/kg	11/07/23	11/07/23
1,2-Dichloroethane	ND		297	ug/kg	11/07/23	11/07/23
trans-1,2-Dichloroethene	ND		297	ug/kg	11/07/23	11/07/23
cis-1,2-Dichloroethene	ND		297	ug/kg	11/07/23	11/07/23
1,1-Dichloroethene	ND		297	ug/kg	11/07/23	11/07/23
1,2-Dichloropropane	ND		297	ug/kg	11/07/23	11/07/23
2,2-Dichloropropane	ND		297	ug/kg	11/07/23	11/07/23
cis-1,3-Dichloropropene	ND		297	ug/kg	11/07/23	11/07/23
trans-1,3-Dichloropropene	ND		297	ug/kg	11/07/23	11/07/23
1,1-Dichloropropene	ND		297	ug/kg	11/07/23	11/07/23
1,3-Dichloropropene (cis + trans)	ND		594	ug/kg	11/07/23	11/07/23
Diethyl ether	ND		1480	ug/kg	11/07/23	11/07/23
1,4-Dioxane	ND		29700	ug/kg	11/07/23	11/07/23
Ethylbenzene	ND		297	ug/kg	11/07/23	11/07/23
Hexachlorobutadiene	ND		297	ug/kg	11/07/23	11/07/23
2-Hexanone	ND		2970	ug/kg	11/07/23	11/07/23
Isopropylbenzene	ND		297	ug/kg	11/07/23	11/07/23
p-Isopropyltoluene	ND		297	ug/kg	11/07/23	11/07/23
Methylene Chloride	ND		1480	ug/kg	11/07/23	11/07/23
4-Methyl-2-pentanone	ND		2080	ug/kg	11/07/23	11/07/23

Results: Volatile Organic Compounds 8260C (5035-HL) (Continued)

Sample: B3-S1 (Continued)

Lab Number: 3K03038-05 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		297	ug/kg	11/07/23	11/07/23
n-Propylbenzene	ND		297	ug/kg	11/07/23	11/07/23
Styrene	ND		297	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		297	ug/kg	11/07/23	11/07/23
Tetrachloroethene	ND		297	ug/kg	11/07/23	11/07/23
Tetrahydrofuran	ND		1480	ug/kg	11/07/23	11/07/23
Toluene	ND		297	ug/kg	11/07/23	11/07/23
1,2,4-Trichlorobenzene	ND		297	ug/kg	11/07/23	11/07/23
1,2,3-Trichlorobenzene	ND		297	ug/kg	11/07/23	11/07/23
1,1,2-Trichloroethane	ND		297	ug/kg	11/07/23	11/07/23
1,1,1-Trichloroethane	ND		297	ug/kg	11/07/23	11/07/23
Trichloroethene	ND		297	ug/kg	11/07/23	11/07/23
1,2,3-Trichloropropane	ND		297	ug/kg	11/07/23	11/07/23
1,3,5-Trimethylbenzene	ND		297	ug/kg	11/07/23	11/07/23
1,2,4-Trimethylbenzene	ND		297	ug/kg	11/07/23	11/07/23
Vinyl Chloride	ND		297	ug/kg	11/07/23	11/07/23
o-Xylene	ND		297	ug/kg	11/07/23	11/07/23
m&p-Xylene	ND		594	ug/kg	11/07/23	11/07/23
Total xylenes	ND		297	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		297	ug/kg	11/07/23	11/07/23
tert-Amyl methyl ether	ND		297	ug/kg	11/07/23	11/07/23
1,3-Dichloropropane	ND		297	ug/kg	11/07/23	11/07/23
Ethyl tert-butyl ether	ND		297	ug/kg	11/07/23	11/07/23
Diisopropyl ether	ND		297	ug/kg	11/07/23	11/07/23
Trichlorofluoromethane	315		297	ug/kg	11/07/23	11/07/23
Dichlorodifluoromethane	ND		297	ug/kg	11/07/23	11/07/23
1,2 Dichloroethene, Total	ND		1480	ug/kg	11/07/23	11/07/23
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Surrogate(s)	Recovery%		Limits			
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<i>4-Bromofluorobenzene</i>	<i>87.9%</i>		<i>70-130</i>		<i>11/07/23</i>	<i>11/07/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>92.6%</i>		<i>70-130</i>		<i>11/07/23</i>	<i>11/07/23</i>
<i>Toluene-d8</i>	<i>94.1%</i>		<i>70-130</i>		<i>11/07/23</i>	<i>11/07/23</i>

Results: Volatile Organic Compounds 8260C (5035-HL)

Sample: B3-S2

Lab Number: 3K03038-06 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		5040	ug/kg	11/07/23	11/07/23
Benzene	ND		101	ug/kg	11/07/23	11/07/23
Bromobenzene	ND		101	ug/kg	11/07/23	11/07/23
Bromochloromethane	ND		101	ug/kg	11/07/23	11/07/23
Bromodichloromethane	ND		101	ug/kg	11/07/23	11/07/23
Bromoform	ND		101	ug/kg	11/07/23	11/07/23
Bromomethane	ND		101	ug/kg	11/07/23	11/07/23
2-Butanone	ND		2520	ug/kg	11/07/23	11/07/23
tert-Butyl alcohol	ND		504	ug/kg	11/07/23	11/07/23
sec-Butylbenzene	ND		101	ug/kg	11/07/23	11/07/23
n-Butylbenzene	ND		101	ug/kg	11/07/23	11/07/23
tert-Butylbenzene	ND		101	ug/kg	11/07/23	11/07/23
Methyl t-butyl ether (MTBE)	ND		101	ug/kg	11/07/23	11/07/23
Carbon Disulfide	ND		101	ug/kg	11/07/23	11/07/23
Carbon Tetrachloride	ND		101	ug/kg	11/07/23	11/07/23
Chlorobenzene	ND		101	ug/kg	11/07/23	11/07/23
Chloroethane	ND		101	ug/kg	11/07/23	11/07/23
Chloroform	ND		101	ug/kg	11/07/23	11/07/23
Chloromethane	ND		101	ug/kg	11/07/23	11/07/23
4-Chlorotoluene	ND		101	ug/kg	11/07/23	11/07/23
2-Chlorotoluene	ND		101	ug/kg	11/07/23	11/07/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		101	ug/kg	11/07/23	11/07/23
Dibromochloromethane	ND		101	ug/kg	11/07/23	11/07/23
1,2-Dibromoethane (EDB)	ND		101	ug/kg	11/07/23	11/07/23
Dibromomethane	ND		101	ug/kg	11/07/23	11/07/23
1,2-Dichlorobenzene	ND		101	ug/kg	11/07/23	11/07/23
1,3-Dichlorobenzene	ND		101	ug/kg	11/07/23	11/07/23
1,4-Dichlorobenzene	ND		101	ug/kg	11/07/23	11/07/23
1,1-Dichloroethane	ND		101	ug/kg	11/07/23	11/07/23
1,2-Dichloroethane	ND		101	ug/kg	11/07/23	11/07/23
trans-1,2-Dichloroethene	ND		101	ug/kg	11/07/23	11/07/23
cis-1,2-Dichloroethene	ND		101	ug/kg	11/07/23	11/07/23
1,1-Dichloroethene	ND		101	ug/kg	11/07/23	11/07/23
1,2-Dichloropropane	ND		101	ug/kg	11/07/23	11/07/23
2,2-Dichloropropane	ND		101	ug/kg	11/07/23	11/07/23
cis-1,3-Dichloropropene	ND		101	ug/kg	11/07/23	11/07/23
trans-1,3-Dichloropropene	ND		101	ug/kg	11/07/23	11/07/23
1,1-Dichloropropene	ND		101	ug/kg	11/07/23	11/07/23
1,3-Dichloropropene (cis + trans)	ND		202	ug/kg	11/07/23	11/07/23
Diethyl ether	ND		504	ug/kg	11/07/23	11/07/23
1,4-Dioxane	ND		10100	ug/kg	11/07/23	11/07/23
Ethylbenzene	ND		101	ug/kg	11/07/23	11/07/23
Hexachlorobutadiene	ND		101	ug/kg	11/07/23	11/07/23
2-Hexanone	ND		1010	ug/kg	11/07/23	11/07/23
Isopropylbenzene	ND		101	ug/kg	11/07/23	11/07/23
p-Isopropyltoluene	ND		101	ug/kg	11/07/23	11/07/23
Methylene Chloride	ND		504	ug/kg	11/07/23	11/07/23
4-Methyl-2-pentanone	ND		706	ug/kg	11/07/23	11/07/23

Results: Volatile Organic Compounds 8260C (5035-HL) (Continued)

Sample: B3-S2 (Continued)

Lab Number: 3K03038-06 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	1180		101	ug/kg	11/07/23	11/07/23
n-Propylbenzene	ND		101	ug/kg	11/07/23	11/07/23
Styrene	ND		101	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		101	ug/kg	11/07/23	11/07/23
Tetrachloroethene	ND		101	ug/kg	11/07/23	11/07/23
Tetrahydrofuran	ND		504	ug/kg	11/07/23	11/07/23
Toluene	102		101	ug/kg	11/07/23	11/07/23
1,2,4-Trichlorobenzene	ND		101	ug/kg	11/07/23	11/07/23
1,2,3-Trichlorobenzene	ND		101	ug/kg	11/07/23	11/07/23
1,1,2-Trichloroethane	ND		101	ug/kg	11/07/23	11/07/23
1,1,1-Trichloroethane	ND		101	ug/kg	11/07/23	11/07/23
Trichloroethene	ND		101	ug/kg	11/07/23	11/07/23
1,2,3-Trichloropropane	ND		101	ug/kg	11/07/23	11/07/23
1,3,5-Trimethylbenzene	ND		101	ug/kg	11/07/23	11/07/23
1,2,4-Trimethylbenzene	108		101	ug/kg	11/07/23	11/07/23
Vinyl Chloride	ND		101	ug/kg	11/07/23	11/07/23
o-Xylene	ND		101	ug/kg	11/07/23	11/07/23
m&p-Xylene	ND		202	ug/kg	11/07/23	11/07/23
Total xylenes	ND		101	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		101	ug/kg	11/07/23	11/07/23
tert-Amyl methyl ether	ND		101	ug/kg	11/07/23	11/07/23
1,3-Dichloropropane	ND		101	ug/kg	11/07/23	11/07/23
Ethyl tert-butyl ether	ND		101	ug/kg	11/07/23	11/07/23
Diisopropyl ether	ND		101	ug/kg	11/07/23	11/07/23
Trichlorofluoromethane	ND		101	ug/kg	11/07/23	11/07/23
Dichlorodifluoromethane	ND		101	ug/kg	11/07/23	11/07/23
1,2 Dichloroethene, Total	ND		504	ug/kg	11/07/23	11/07/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	89.1%		70-130		11/07/23	11/07/23
<i>1,2-Dichloroethane-d4</i>	96.6%		70-130		11/07/23	11/07/23
<i>Toluene-d8</i>	97.7%		70-130		11/07/23	11/07/23

Results: Volatile Organic Compounds 8260C (5035-HL)**Sample: B4-S1****Lab Number: 3K03038-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		2780	ug/kg	11/07/23	11/07/23
Benzene	ND		56	ug/kg	11/07/23	11/07/23
Bromobenzene	ND		56	ug/kg	11/07/23	11/07/23
Bromochloromethane	ND		56	ug/kg	11/07/23	11/07/23
Bromodichloromethane	ND		56	ug/kg	11/07/23	11/07/23
Bromoform	ND		56	ug/kg	11/07/23	11/07/23
Bromomethane	ND		56	ug/kg	11/07/23	11/07/23
2-Butanone	ND		1390	ug/kg	11/07/23	11/07/23
tert-Butyl alcohol	ND		278	ug/kg	11/07/23	11/07/23
sec-Butylbenzene	ND		56	ug/kg	11/07/23	11/07/23
n-Butylbenzene	ND		56	ug/kg	11/07/23	11/07/23
tert-Butylbenzene	ND		56	ug/kg	11/07/23	11/07/23
Methyl t-butyl ether (MTBE)	ND		56	ug/kg	11/07/23	11/07/23
Carbon Disulfide	ND		56	ug/kg	11/07/23	11/07/23
Carbon Tetrachloride	ND		56	ug/kg	11/07/23	11/07/23
Chlorobenzene	ND		56	ug/kg	11/07/23	11/07/23
Chloroethane	ND		56	ug/kg	11/07/23	11/07/23
Chloroform	ND		56	ug/kg	11/07/23	11/07/23
Chloromethane	ND		56	ug/kg	11/07/23	11/07/23
4-Chlorotoluene	ND		56	ug/kg	11/07/23	11/07/23
2-Chlorotoluene	ND		56	ug/kg	11/07/23	11/07/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		56	ug/kg	11/07/23	11/07/23
Dibromochloromethane	ND		56	ug/kg	11/07/23	11/07/23
1,2-Dibromoethane (EDB)	ND		56	ug/kg	11/07/23	11/07/23
Dibromomethane	ND		56	ug/kg	11/07/23	11/07/23
1,2-Dichlorobenzene	ND		56	ug/kg	11/07/23	11/07/23
1,3-Dichlorobenzene	ND		56	ug/kg	11/07/23	11/07/23
1,4-Dichlorobenzene	ND		56	ug/kg	11/07/23	11/07/23
1,1-Dichloroethane	ND		56	ug/kg	11/07/23	11/07/23
1,2-Dichloroethane	ND		56	ug/kg	11/07/23	11/07/23
trans-1,2-Dichloroethene	ND		56	ug/kg	11/07/23	11/07/23
cis-1,2-Dichloroethene	ND		56	ug/kg	11/07/23	11/07/23
1,1-Dichloroethene	ND		56	ug/kg	11/07/23	11/07/23
1,2-Dichloropropane	ND		56	ug/kg	11/07/23	11/07/23
2,2-Dichloropropane	ND		56	ug/kg	11/07/23	11/07/23
cis-1,3-Dichloropropene	ND		56	ug/kg	11/07/23	11/07/23
trans-1,3-Dichloropropene	ND		56	ug/kg	11/07/23	11/07/23
1,1-Dichloropropene	ND		56	ug/kg	11/07/23	11/07/23
1,3-Dichloropropene (cis + trans)	ND		111	ug/kg	11/07/23	11/07/23
Diethyl ether	ND		278	ug/kg	11/07/23	11/07/23
1,4-Dioxane	ND		5560	ug/kg	11/07/23	11/07/23
Ethylbenzene	ND		56	ug/kg	11/07/23	11/07/23
Hexachlorobutadiene	ND		56	ug/kg	11/07/23	11/07/23
2-Hexanone	ND		556	ug/kg	11/07/23	11/07/23
Isopropylbenzene	ND		56	ug/kg	11/07/23	11/07/23
p-Isopropyltoluene	ND		56	ug/kg	11/07/23	11/07/23
Methylene Chloride	ND		278	ug/kg	11/07/23	11/07/23
4-Methyl-2-pentanone	ND		389	ug/kg	11/07/23	11/07/23

Results: Volatile Organic Compounds 8260C (5035-HL) (Continued)

Sample: B4-S1 (Continued)

Lab Number: 3K03038-07 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		56	ug/kg	11/07/23	11/07/23
n-Propylbenzene	ND		56	ug/kg	11/07/23	11/07/23
Styrene	ND		56	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		56	ug/kg	11/07/23	11/07/23
Tetrachloroethene	ND		56	ug/kg	11/07/23	11/07/23
Tetrahydrofuran	ND		278	ug/kg	11/07/23	11/07/23
Toluene	ND		56	ug/kg	11/07/23	11/07/23
1,2,4-Trichlorobenzene	ND		56	ug/kg	11/07/23	11/07/23
1,2,3-Trichlorobenzene	ND		56	ug/kg	11/07/23	11/07/23
1,1,2-Trichloroethane	ND		56	ug/kg	11/07/23	11/07/23
1,1,1-Trichloroethane	ND		56	ug/kg	11/07/23	11/07/23
Trichloroethene	ND		56	ug/kg	11/07/23	11/07/23
1,2,3-Trichloropropane	ND		56	ug/kg	11/07/23	11/07/23
1,3,5-Trimethylbenzene	ND		56	ug/kg	11/07/23	11/07/23
1,2,4-Trimethylbenzene	ND		56	ug/kg	11/07/23	11/07/23
Vinyl Chloride	ND		56	ug/kg	11/07/23	11/07/23
o-Xylene	ND		56	ug/kg	11/07/23	11/07/23
m&p-Xylene	ND		111	ug/kg	11/07/23	11/07/23
Total xylenes	ND		56	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		56	ug/kg	11/07/23	11/07/23
tert-Amyl methyl ether	ND		56	ug/kg	11/07/23	11/07/23
1,3-Dichloropropane	ND		56	ug/kg	11/07/23	11/07/23
Ethyl tert-butyl ether	ND		56	ug/kg	11/07/23	11/07/23
Diisopropyl ether	ND		56	ug/kg	11/07/23	11/07/23
Trichlorofluoromethane	ND		56	ug/kg	11/07/23	11/07/23
Dichlorodifluoromethane	ND		56	ug/kg	11/07/23	11/07/23
1,2 Dichloroethene, Total	ND		278	ug/kg	11/07/23	11/07/23
Surrogate(s)	Recovery%		Limits			
4-Bromofluorobenzene	89.3%		70-130		11/07/23	11/07/23
1,2-Dichloroethane-d4	103%		70-130		11/07/23	11/07/23
Toluene-d8	96.2%		70-130		11/07/23	11/07/23

Results: Volatile Organic Compounds 8260C (5035-HL)

Sample: B4-S2

Lab Number: 3K03038-08 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		2060	ug/kg	11/07/23	11/07/23
Benzene	ND		41	ug/kg	11/07/23	11/07/23
Bromobenzene	ND		41	ug/kg	11/07/23	11/07/23
Bromochloromethane	ND		41	ug/kg	11/07/23	11/07/23
Bromodichloromethane	ND		41	ug/kg	11/07/23	11/07/23
Bromoform	ND		41	ug/kg	11/07/23	11/07/23
Bromomethane	ND		41	ug/kg	11/07/23	11/07/23
2-Butanone	ND		1030	ug/kg	11/07/23	11/07/23
tert-Butyl alcohol	ND		206	ug/kg	11/07/23	11/07/23
sec-Butylbenzene	ND		41	ug/kg	11/07/23	11/07/23
n-Butylbenzene	ND		41	ug/kg	11/07/23	11/07/23
tert-Butylbenzene	ND		41	ug/kg	11/07/23	11/07/23
Methyl t-butyl ether (MTBE)	ND		41	ug/kg	11/07/23	11/07/23
Carbon Disulfide	ND		41	ug/kg	11/07/23	11/07/23
Carbon Tetrachloride	ND		41	ug/kg	11/07/23	11/07/23
Chlorobenzene	ND		41	ug/kg	11/07/23	11/07/23
Chloroethane	ND		41	ug/kg	11/07/23	11/07/23
Chloroform	ND		41	ug/kg	11/07/23	11/07/23
Chloromethane	ND		41	ug/kg	11/07/23	11/07/23
4-Chlorotoluene	ND		41	ug/kg	11/07/23	11/07/23
2-Chlorotoluene	ND		41	ug/kg	11/07/23	11/07/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		41	ug/kg	11/07/23	11/07/23
Dibromochloromethane	ND		41	ug/kg	11/07/23	11/07/23
1,2-Dibromoethane (EDB)	ND		41	ug/kg	11/07/23	11/07/23
Dibromomethane	ND		41	ug/kg	11/07/23	11/07/23
1,2-Dichlorobenzene	ND		41	ug/kg	11/07/23	11/07/23
1,3-Dichlorobenzene	ND		41	ug/kg	11/07/23	11/07/23
1,4-Dichlorobenzene	ND		41	ug/kg	11/07/23	11/07/23
1,1-Dichloroethane	ND		41	ug/kg	11/07/23	11/07/23
1,2-Dichloroethane	ND		41	ug/kg	11/07/23	11/07/23
trans-1,2-Dichloroethene	ND		41	ug/kg	11/07/23	11/07/23
cis-1,2-Dichloroethene	ND		41	ug/kg	11/07/23	11/07/23
1,1-Dichloroethene	ND		41	ug/kg	11/07/23	11/07/23
1,2-Dichloropropane	ND		41	ug/kg	11/07/23	11/07/23
2,2-Dichloropropane	ND		41	ug/kg	11/07/23	11/07/23
cis-1,3-Dichloropropene	ND		41	ug/kg	11/07/23	11/07/23
trans-1,3-Dichloropropene	ND		41	ug/kg	11/07/23	11/07/23
1,1-Dichloropropene	ND		41	ug/kg	11/07/23	11/07/23
1,3-Dichloropropene (cis + trans)	ND		82	ug/kg	11/07/23	11/07/23
Diethyl ether	ND		206	ug/kg	11/07/23	11/07/23
1,4-Dioxane	ND		4120	ug/kg	11/07/23	11/07/23
Ethylbenzene	ND		41	ug/kg	11/07/23	11/07/23
Hexachlorobutadiene	ND		41	ug/kg	11/07/23	11/07/23
2-Hexanone	ND		412	ug/kg	11/07/23	11/07/23
Isopropylbenzene	ND		41	ug/kg	11/07/23	11/07/23
p-Isopropyltoluene	ND		41	ug/kg	11/07/23	11/07/23
Methylene Chloride	ND		206	ug/kg	11/07/23	11/07/23
4-Methyl-2-pentanone	ND		288	ug/kg	11/07/23	11/07/23

Results: Volatile Organic Compounds 8260C (5035-HL) (Continued)

Sample: B4-S2 (Continued)

Lab Number: 3K03038-08 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		41	ug/kg	11/07/23	11/07/23
n-Propylbenzene	ND		41	ug/kg	11/07/23	11/07/23
Styrene	ND		41	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		41	ug/kg	11/07/23	11/07/23
Tetrachloroethene	ND		41	ug/kg	11/07/23	11/07/23
Tetrahydrofuran	ND		206	ug/kg	11/07/23	11/07/23
Toluene	ND		41	ug/kg	11/07/23	11/07/23
1,2,4-Trichlorobenzene	ND		41	ug/kg	11/07/23	11/07/23
1,2,3-Trichlorobenzene	ND		41	ug/kg	11/07/23	11/07/23
1,1,2-Trichloroethane	ND		41	ug/kg	11/07/23	11/07/23
1,1,1-Trichloroethane	ND		41	ug/kg	11/07/23	11/07/23
Trichloroethene	ND		41	ug/kg	11/07/23	11/07/23
1,2,3-Trichloropropane	ND		41	ug/kg	11/07/23	11/07/23
1,3,5-Trimethylbenzene	ND		41	ug/kg	11/07/23	11/07/23
1,2,4-Trimethylbenzene	ND		41	ug/kg	11/07/23	11/07/23
Vinyl Chloride	ND		41	ug/kg	11/07/23	11/07/23
o-Xylene	ND		41	ug/kg	11/07/23	11/07/23
m&p-Xylene	ND		82	ug/kg	11/07/23	11/07/23
Total xylenes	ND		41	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		41	ug/kg	11/07/23	11/07/23
tert-Amyl methyl ether	ND		41	ug/kg	11/07/23	11/07/23
1,3-Dichloropropane	ND		41	ug/kg	11/07/23	11/07/23
Ethyl tert-butyl ether	ND		41	ug/kg	11/07/23	11/07/23
Diisopropyl ether	ND		41	ug/kg	11/07/23	11/07/23
Trichlorofluoromethane	ND		41	ug/kg	11/07/23	11/07/23
Dichlorodifluoromethane	ND		41	ug/kg	11/07/23	11/07/23
1,2 Dichloroethene, Total	ND		206	ug/kg	11/07/23	11/07/23
Surrogate(s)	Recovery%		Limits			

<i>4-Bromofluorobenzene</i>	<i>88.4%</i>		<i>70-130</i>		<i>11/07/23</i>	<i>11/07/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>96.1%</i>		<i>70-130</i>		<i>11/07/23</i>	<i>11/07/23</i>
<i>Toluene-d8</i>	<i>96.8%</i>		<i>70-130</i>		<i>11/07/23</i>	<i>11/07/23</i>

Results: Volatile Organic Compounds 8260C (5035-HL)

Sample: B5-S1

Lab Number: 3K03038-09 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		2980	ug/kg	11/07/23	11/07/23
Benzene	ND		60	ug/kg	11/07/23	11/07/23
Bromobenzene	ND		60	ug/kg	11/07/23	11/07/23
Bromochloromethane	ND		60	ug/kg	11/07/23	11/07/23
Bromodichloromethane	ND		60	ug/kg	11/07/23	11/07/23
Bromoform	ND		60	ug/kg	11/07/23	11/07/23
Bromomethane	ND		60	ug/kg	11/07/23	11/07/23
2-Butanone	ND		1490	ug/kg	11/07/23	11/07/23
tert-Butyl alcohol	ND		298	ug/kg	11/07/23	11/07/23
sec-Butylbenzene	ND		60	ug/kg	11/07/23	11/07/23
n-Butylbenzene	ND		60	ug/kg	11/07/23	11/07/23
tert-Butylbenzene	ND		60	ug/kg	11/07/23	11/07/23
Methyl t-butyl ether (MTBE)	ND		60	ug/kg	11/07/23	11/07/23
Carbon Disulfide	ND		60	ug/kg	11/07/23	11/07/23
Carbon Tetrachloride	ND		60	ug/kg	11/07/23	11/07/23
Chlorobenzene	ND		60	ug/kg	11/07/23	11/07/23
Chloroethane	ND		60	ug/kg	11/07/23	11/07/23
Chloroform	ND		60	ug/kg	11/07/23	11/07/23
Chloromethane	ND		60	ug/kg	11/07/23	11/07/23
4-Chlorotoluene	ND		60	ug/kg	11/07/23	11/07/23
2-Chlorotoluene	ND		60	ug/kg	11/07/23	11/07/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		60	ug/kg	11/07/23	11/07/23
Dibromochloromethane	ND		60	ug/kg	11/07/23	11/07/23
1,2-Dibromoethane (EDB)	ND		60	ug/kg	11/07/23	11/07/23
Dibromomethane	ND		60	ug/kg	11/07/23	11/07/23
1,2-Dichlorobenzene	ND		60	ug/kg	11/07/23	11/07/23
1,3-Dichlorobenzene	ND		60	ug/kg	11/07/23	11/07/23
1,4-Dichlorobenzene	ND		60	ug/kg	11/07/23	11/07/23
1,1-Dichloroethane	ND		60	ug/kg	11/07/23	11/07/23
1,2-Dichloroethane	ND		60	ug/kg	11/07/23	11/07/23
trans-1,2-Dichloroethene	ND		60	ug/kg	11/07/23	11/07/23
cis-1,2-Dichloroethene	ND		60	ug/kg	11/07/23	11/07/23
1,1-Dichloroethene	ND		60	ug/kg	11/07/23	11/07/23
1,2-Dichloropropane	ND		60	ug/kg	11/07/23	11/07/23
2,2-Dichloropropane	ND		60	ug/kg	11/07/23	11/07/23
cis-1,3-Dichloropropene	ND		60	ug/kg	11/07/23	11/07/23
trans-1,3-Dichloropropene	ND		60	ug/kg	11/07/23	11/07/23
1,1-Dichloropropene	ND		60	ug/kg	11/07/23	11/07/23
1,3-Dichloropropene (cis + trans)	ND		119	ug/kg	11/07/23	11/07/23
Diethyl ether	ND		298	ug/kg	11/07/23	11/07/23
1,4-Dioxane	ND		5950	ug/kg	11/07/23	11/07/23
Ethylbenzene	ND		60	ug/kg	11/07/23	11/07/23
Hexachlorobutadiene	ND		60	ug/kg	11/07/23	11/07/23
2-Hexanone	ND		595	ug/kg	11/07/23	11/07/23
Isopropylbenzene	ND		60	ug/kg	11/07/23	11/07/23
p-Isopropyltoluene	ND		60	ug/kg	11/07/23	11/07/23
Methylene Chloride	ND		298	ug/kg	11/07/23	11/07/23
4-Methyl-2-pentanone	ND		417	ug/kg	11/07/23	11/07/23

Results: Volatile Organic Compounds 8260C (5035-HL) (Continued)

Sample: B5-S1 (Continued)

Lab Number: 3K03038-09 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		60	ug/kg	11/07/23	11/07/23
n-Propylbenzene	ND		60	ug/kg	11/07/23	11/07/23
Styrene	ND		60	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		60	ug/kg	11/07/23	11/07/23
Tetrachloroethene	ND		60	ug/kg	11/07/23	11/07/23
Tetrahydrofuran	ND		298	ug/kg	11/07/23	11/07/23
Toluene	174		60	ug/kg	11/07/23	11/07/23
1,2,4-Trichlorobenzene	ND		60	ug/kg	11/07/23	11/07/23
1,2,3-Trichlorobenzene	ND		60	ug/kg	11/07/23	11/07/23
1,1,2-Trichloroethane	ND		60	ug/kg	11/07/23	11/07/23
1,1,1-Trichloroethane	ND		60	ug/kg	11/07/23	11/07/23
Trichloroethene	ND		60	ug/kg	11/07/23	11/07/23
1,2,3-Trichloropropane	ND		60	ug/kg	11/07/23	11/07/23
1,3,5-Trimethylbenzene	ND		60	ug/kg	11/07/23	11/07/23
1,2,4-Trimethylbenzene	ND		60	ug/kg	11/07/23	11/07/23
Vinyl Chloride	ND		60	ug/kg	11/07/23	11/07/23
o-Xylene	ND		60	ug/kg	11/07/23	11/07/23
m&p-Xylene	ND		119	ug/kg	11/07/23	11/07/23
Total xylenes	ND		60	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		60	ug/kg	11/07/23	11/07/23
tert-Amyl methyl ether	ND		60	ug/kg	11/07/23	11/07/23
1,3-Dichloropropane	ND		60	ug/kg	11/07/23	11/07/23
Ethyl tert-butyl ether	ND		60	ug/kg	11/07/23	11/07/23
Diisopropyl ether	ND		60	ug/kg	11/07/23	11/07/23
Trichlorofluoromethane	156		60	ug/kg	11/07/23	11/07/23
Dichlorodifluoromethane	ND		60	ug/kg	11/07/23	11/07/23
1,2 Dichloroethene, Total	ND		298	ug/kg	11/07/23	11/07/23
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Surrogate(s)	Recovery%		Limits			
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4-Bromofluorobenzene	91.1%		70-130		11/07/23	11/07/23
1,2-Dichloroethane-d4	106%		70-130		11/07/23	11/07/23
Toluene-d8	96.3%		70-130		11/07/23	11/07/23

Results: Volatile Organic Compounds 8260C (5035-HL)

Sample: B5-S2

Lab Number: 3K03038-10 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		4000	ug/kg	11/07/23	11/07/23
Benzene	ND		80	ug/kg	11/07/23	11/07/23
Bromobenzene	ND		80	ug/kg	11/07/23	11/07/23
Bromochloromethane	ND		80	ug/kg	11/07/23	11/07/23
Bromodichloromethane	ND		80	ug/kg	11/07/23	11/07/23
Bromoform	ND		80	ug/kg	11/07/23	11/07/23
Bromomethane	ND		80	ug/kg	11/07/23	11/07/23
2-Butanone	ND		2000	ug/kg	11/07/23	11/07/23
tert-Butyl alcohol	ND		400	ug/kg	11/07/23	11/07/23
sec-Butylbenzene	ND		80	ug/kg	11/07/23	11/07/23
n-Butylbenzene	ND		80	ug/kg	11/07/23	11/07/23
tert-Butylbenzene	ND		80	ug/kg	11/07/23	11/07/23
Methyl t-butyl ether (MTBE)	ND		80	ug/kg	11/07/23	11/07/23
Carbon Disulfide	ND		80	ug/kg	11/07/23	11/07/23
Carbon Tetrachloride	ND		80	ug/kg	11/07/23	11/07/23
Chlorobenzene	ND		80	ug/kg	11/07/23	11/07/23
Chloroethane	ND		80	ug/kg	11/07/23	11/07/23
Chloroform	ND		80	ug/kg	11/07/23	11/07/23
Chloromethane	ND		80	ug/kg	11/07/23	11/07/23
4-Chlorotoluene	ND		80	ug/kg	11/07/23	11/07/23
2-Chlorotoluene	ND		80	ug/kg	11/07/23	11/07/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		80	ug/kg	11/07/23	11/07/23
Dibromochloromethane	ND		80	ug/kg	11/07/23	11/07/23
1,2-Dibromoethane (EDB)	ND		80	ug/kg	11/07/23	11/07/23
Dibromomethane	ND		80	ug/kg	11/07/23	11/07/23
1,2-Dichlorobenzene	ND		80	ug/kg	11/07/23	11/07/23
1,3-Dichlorobenzene	ND		80	ug/kg	11/07/23	11/07/23
1,4-Dichlorobenzene	ND		80	ug/kg	11/07/23	11/07/23
1,1-Dichloroethane	ND		80	ug/kg	11/07/23	11/07/23
1,2-Dichloroethane	ND		80	ug/kg	11/07/23	11/07/23
trans-1,2-Dichloroethene	ND		80	ug/kg	11/07/23	11/07/23
cis-1,2-Dichloroethene	ND		80	ug/kg	11/07/23	11/07/23
1,1-Dichloroethene	ND		80	ug/kg	11/07/23	11/07/23
1,2-Dichloropropane	ND		80	ug/kg	11/07/23	11/07/23
2,2-Dichloropropane	ND		80	ug/kg	11/07/23	11/07/23
cis-1,3-Dichloropropene	ND		80	ug/kg	11/07/23	11/07/23
trans-1,3-Dichloropropene	ND		80	ug/kg	11/07/23	11/07/23
1,1-Dichloropropene	ND		80	ug/kg	11/07/23	11/07/23
1,3-Dichloropropene (cis + trans)	ND		160	ug/kg	11/07/23	11/07/23
Diethyl ether	ND		400	ug/kg	11/07/23	11/07/23
1,4-Dioxane	ND		7990	ug/kg	11/07/23	11/07/23
Ethylbenzene	ND		80	ug/kg	11/07/23	11/07/23
Hexachlorobutadiene	ND		80	ug/kg	11/07/23	11/07/23
2-Hexanone	ND		799	ug/kg	11/07/23	11/07/23
Isopropylbenzene	ND		80	ug/kg	11/07/23	11/07/23
p-Isopropyltoluene	ND		80	ug/kg	11/07/23	11/07/23
Methylene Chloride	ND		400	ug/kg	11/07/23	11/07/23
4-Methyl-2-pentanone	ND		559	ug/kg	11/07/23	11/07/23

Results: Volatile Organic Compounds 8260C (5035-HL) (Continued)

Sample: B5-S2 (Continued)

Lab Number: 3K03038-10 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		80	ug/kg	11/07/23	11/07/23
n-Propylbenzene	ND		80	ug/kg	11/07/23	11/07/23
Styrene	ND		80	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		80	ug/kg	11/07/23	11/07/23
Tetrachloroethene	ND		80	ug/kg	11/07/23	11/07/23
Tetrahydrofuran	ND		400	ug/kg	11/07/23	11/07/23
Toluene	ND		80	ug/kg	11/07/23	11/07/23
1,2,4-Trichlorobenzene	ND		80	ug/kg	11/07/23	11/07/23
1,2,3-Trichlorobenzene	ND		80	ug/kg	11/07/23	11/07/23
1,1,2-Trichloroethane	ND		80	ug/kg	11/07/23	11/07/23
1,1,1-Trichloroethane	ND		80	ug/kg	11/07/23	11/07/23
Trichloroethene	ND		80	ug/kg	11/07/23	11/07/23
1,2,3-Trichloropropane	1490		80	ug/kg	11/07/23	11/07/23
1,3,5-Trimethylbenzene	ND		80	ug/kg	11/07/23	11/07/23
1,2,4-Trimethylbenzene	ND		80	ug/kg	11/07/23	11/07/23
Vinyl Chloride	ND		80	ug/kg	11/07/23	11/07/23
o-Xylene	ND		80	ug/kg	11/07/23	11/07/23
m&p-Xylene	ND		160	ug/kg	11/07/23	11/07/23
Total xylenes	ND		80	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		80	ug/kg	11/07/23	11/07/23
tert-Amyl methyl ether	ND		80	ug/kg	11/07/23	11/07/23
1,3-Dichloropropane	ND		80	ug/kg	11/07/23	11/07/23
Ethyl tert-butyl ether	ND		80	ug/kg	11/07/23	11/07/23
Diisopropyl ether	ND		80	ug/kg	11/07/23	11/07/23
Trichlorofluoromethane	ND		80	ug/kg	11/07/23	11/07/23
Dichlorodifluoromethane	ND		80	ug/kg	11/07/23	11/07/23
1,2 Dichloroethene, Total	ND		400	ug/kg	11/07/23	11/07/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>93.0%</i>		<i>70-130</i>		11/07/23	11/07/23
<i>1,2-Dichloroethane-d4</i>	<i>111%</i>		<i>70-130</i>		11/07/23	11/07/23
<i>Toluene-d8</i>	<i>99.7%</i>		<i>70-130</i>		11/07/23	11/07/23

Results: Volatile Organic Compounds 8260C (5035-HL)

Sample: B6-S1

Lab Number: 3K03038-11 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		2590	ug/kg	11/07/23	11/07/23
Benzene	ND		52	ug/kg	11/07/23	11/07/23
Bromobenzene	ND		52	ug/kg	11/07/23	11/07/23
Bromochloromethane	ND		52	ug/kg	11/07/23	11/07/23
Bromodichloromethane	ND		52	ug/kg	11/07/23	11/07/23
Bromoform	ND		52	ug/kg	11/07/23	11/07/23
Bromomethane	ND		52	ug/kg	11/07/23	11/07/23
2-Butanone	ND		1290	ug/kg	11/07/23	11/07/23
tert-Butyl alcohol	ND		259	ug/kg	11/07/23	11/07/23
sec-Butylbenzene	ND		52	ug/kg	11/07/23	11/07/23
n-Butylbenzene	ND		52	ug/kg	11/07/23	11/07/23
tert-Butylbenzene	ND		52	ug/kg	11/07/23	11/07/23
Methyl t-butyl ether (MTBE)	ND		52	ug/kg	11/07/23	11/07/23
Carbon Disulfide	ND		52	ug/kg	11/07/23	11/07/23
Carbon Tetrachloride	ND		52	ug/kg	11/07/23	11/07/23
Chlorobenzene	ND		52	ug/kg	11/07/23	11/07/23
Chloroethane	ND		52	ug/kg	11/07/23	11/07/23
Chloroform	ND		52	ug/kg	11/07/23	11/07/23
Chloromethane	ND		52	ug/kg	11/07/23	11/07/23
4-Chlorotoluene	ND		52	ug/kg	11/07/23	11/07/23
2-Chlorotoluene	ND		52	ug/kg	11/07/23	11/07/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		52	ug/kg	11/07/23	11/07/23
Dibromochloromethane	ND		52	ug/kg	11/07/23	11/07/23
1,2-Dibromoethane (EDB)	ND		52	ug/kg	11/07/23	11/07/23
Dibromomethane	ND		52	ug/kg	11/07/23	11/07/23
1,2-Dichlorobenzene	ND		52	ug/kg	11/07/23	11/07/23
1,3-Dichlorobenzene	ND		52	ug/kg	11/07/23	11/07/23
1,4-Dichlorobenzene	ND		52	ug/kg	11/07/23	11/07/23
1,1-Dichloroethane	ND		52	ug/kg	11/07/23	11/07/23
1,2-Dichloroethane	ND		52	ug/kg	11/07/23	11/07/23
trans-1,2-Dichloroethene	ND		52	ug/kg	11/07/23	11/07/23
cis-1,2-Dichloroethene	ND		52	ug/kg	11/07/23	11/07/23
1,1-Dichloroethene	ND		52	ug/kg	11/07/23	11/07/23
1,2-Dichloropropane	ND		52	ug/kg	11/07/23	11/07/23
2,2-Dichloropropane	ND		52	ug/kg	11/07/23	11/07/23
cis-1,3-Dichloropropene	ND		52	ug/kg	11/07/23	11/07/23
trans-1,3-Dichloropropene	ND		52	ug/kg	11/07/23	11/07/23
1,1-Dichloropropene	ND		52	ug/kg	11/07/23	11/07/23
1,3-Dichloropropene (cis + trans)	ND		104	ug/kg	11/07/23	11/07/23
Diethyl ether	ND		259	ug/kg	11/07/23	11/07/23
1,4-Dioxane	ND		5180	ug/kg	11/07/23	11/07/23
Ethylbenzene	ND		52	ug/kg	11/07/23	11/07/23
Hexachlorobutadiene	ND		52	ug/kg	11/07/23	11/07/23
2-Hexanone	ND		518	ug/kg	11/07/23	11/07/23
Isopropylbenzene	ND		52	ug/kg	11/07/23	11/07/23
p-Isopropyltoluene	ND		52	ug/kg	11/07/23	11/07/23
Methylene Chloride	ND		259	ug/kg	11/07/23	11/07/23
4-Methyl-2-pentanone	ND		362	ug/kg	11/07/23	11/07/23

Results: Volatile Organic Compounds 8260C (5035-HL) (Continued)

Sample: B6-S1 (Continued)

Lab Number: 3K03038-11 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		52	ug/kg	11/07/23	11/07/23
n-Propylbenzene	91		52	ug/kg	11/07/23	11/07/23
Styrene	ND		52	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		52	ug/kg	11/07/23	11/07/23
Tetrachloroethene	ND		52	ug/kg	11/07/23	11/07/23
Tetrahydrofuran	ND		259	ug/kg	11/07/23	11/07/23
Toluene	107		52	ug/kg	11/07/23	11/07/23
1,2,4-Trichlorobenzene	ND		52	ug/kg	11/07/23	11/07/23
1,2,3-Trichlorobenzene	ND		52	ug/kg	11/07/23	11/07/23
1,1,2-Trichloroethane	ND		52	ug/kg	11/07/23	11/07/23
1,1,1-Trichloroethane	ND		52	ug/kg	11/07/23	11/07/23
Trichloroethene	ND		52	ug/kg	11/07/23	11/07/23
1,2,3-Trichloropropane	ND		52	ug/kg	11/07/23	11/07/23
1,3,5-Trimethylbenzene	72		52	ug/kg	11/07/23	11/07/23
1,2,4-Trimethylbenzene	194		52	ug/kg	11/07/23	11/07/23
Vinyl Chloride	ND		52	ug/kg	11/07/23	11/07/23
o-Xylene	ND		52	ug/kg	11/07/23	11/07/23
m&p-Xylene	118		104	ug/kg	11/07/23	11/07/23
Total xylenes	118		52	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		52	ug/kg	11/07/23	11/07/23
tert-Amyl methyl ether	ND		52	ug/kg	11/07/23	11/07/23
1,3-Dichloropropane	ND		52	ug/kg	11/07/23	11/07/23
Ethyl tert-butyl ether	ND		52	ug/kg	11/07/23	11/07/23
Diisopropyl ether	ND		52	ug/kg	11/07/23	11/07/23
Trichlorofluoromethane	540		52	ug/kg	11/07/23	11/07/23
Dichlorodifluoromethane	ND		52	ug/kg	11/07/23	11/07/23
1,2 Dichloroethene, Total	ND		259	ug/kg	11/07/23	11/07/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>94.5%</i>		<i>70-130</i>		11/07/23	11/07/23
<i>1,2-Dichloroethane-d4</i>	<i>114%</i>		<i>70-130</i>		11/07/23	11/07/23
<i>Toluene-d8</i>	<i>100%</i>		<i>70-130</i>		11/07/23	11/07/23

Results: Volatile Organic Compounds 8260C (5035-HL)

Sample: B6-S2

Lab Number: 3K03038-12 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		4490	ug/kg	11/07/23	11/07/23
Benzene	ND		90	ug/kg	11/07/23	11/07/23
Bromobenzene	ND		90	ug/kg	11/07/23	11/07/23
Bromochloromethane	ND		90	ug/kg	11/07/23	11/07/23
Bromodichloromethane	ND		90	ug/kg	11/07/23	11/07/23
Bromoform	ND		90	ug/kg	11/07/23	11/07/23
Bromomethane	ND		90	ug/kg	11/07/23	11/07/23
2-Butanone	ND		2250	ug/kg	11/07/23	11/07/23
tert-Butyl alcohol	ND		449	ug/kg	11/07/23	11/07/23
sec-Butylbenzene	ND		90	ug/kg	11/07/23	11/07/23
n-Butylbenzene	ND		90	ug/kg	11/07/23	11/07/23
tert-Butylbenzene	ND		90	ug/kg	11/07/23	11/07/23
Methyl t-butyl ether (MTBE)	ND		90	ug/kg	11/07/23	11/07/23
Carbon Disulfide	ND		90	ug/kg	11/07/23	11/07/23
Carbon Tetrachloride	ND		90	ug/kg	11/07/23	11/07/23
Chlorobenzene	ND		90	ug/kg	11/07/23	11/07/23
Chloroethane	ND		90	ug/kg	11/07/23	11/07/23
Chloroform	ND		90	ug/kg	11/07/23	11/07/23
Chloromethane	ND		90	ug/kg	11/07/23	11/07/23
4-Chlorotoluene	ND		90	ug/kg	11/07/23	11/07/23
2-Chlorotoluene	ND		90	ug/kg	11/07/23	11/07/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		90	ug/kg	11/07/23	11/07/23
Dibromochloromethane	ND		90	ug/kg	11/07/23	11/07/23
1,2-Dibromoethane (EDB)	ND		90	ug/kg	11/07/23	11/07/23
Dibromomethane	ND		90	ug/kg	11/07/23	11/07/23
1,2-Dichlorobenzene	ND		90	ug/kg	11/07/23	11/07/23
1,3-Dichlorobenzene	ND		90	ug/kg	11/07/23	11/07/23
1,4-Dichlorobenzene	ND		90	ug/kg	11/07/23	11/07/23
1,1-Dichloroethane	ND		90	ug/kg	11/07/23	11/07/23
1,2-Dichloroethane	ND		90	ug/kg	11/07/23	11/07/23
trans-1,2-Dichloroethene	ND		90	ug/kg	11/07/23	11/07/23
cis-1,2-Dichloroethene	ND		90	ug/kg	11/07/23	11/07/23
1,1-Dichloroethene	ND		90	ug/kg	11/07/23	11/07/23
1,2-Dichloropropane	ND		90	ug/kg	11/07/23	11/07/23
2,2-Dichloropropane	ND		90	ug/kg	11/07/23	11/07/23
cis-1,3-Dichloropropene	ND		90	ug/kg	11/07/23	11/07/23
trans-1,3-Dichloropropene	ND		90	ug/kg	11/07/23	11/07/23
1,1-Dichloropropene	ND		90	ug/kg	11/07/23	11/07/23
1,3-Dichloropropene (cis + trans)	ND		180	ug/kg	11/07/23	11/07/23
Diethyl ether	ND		449	ug/kg	11/07/23	11/07/23
1,4-Dioxane	ND		8990	ug/kg	11/07/23	11/07/23
Ethylbenzene	99		90	ug/kg	11/07/23	11/07/23
Hexachlorobutadiene	ND		90	ug/kg	11/07/23	11/07/23
2-Hexanone	ND		899	ug/kg	11/07/23	11/07/23
Isopropylbenzene	ND		90	ug/kg	11/07/23	11/07/23
p-Isopropyltoluene	ND		90	ug/kg	11/07/23	11/07/23
Methylene Chloride	ND		449	ug/kg	11/07/23	11/07/23
4-Methyl-2-pentanone	ND		629	ug/kg	11/07/23	11/07/23

Results: Volatile Organic Compounds 8260C (5035-HL) (Continued)

Sample: B6-S2 (Continued)

Lab Number: 3K03038-12 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		90	ug/kg	11/07/23	11/07/23
n-Propylbenzene	120		90	ug/kg	11/07/23	11/07/23
Styrene	ND		90	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		90	ug/kg	11/07/23	11/07/23
Tetrachloroethene	ND		90	ug/kg	11/07/23	11/07/23
Tetrahydrofuran	ND		449	ug/kg	11/07/23	11/07/23
Toluene	18000		90	ug/kg	11/07/23	11/07/23
1,2,4-Trichlorobenzene	ND		90	ug/kg	11/07/23	11/07/23
1,2,3-Trichlorobenzene	ND		90	ug/kg	11/07/23	11/07/23
1,1,2-Trichloroethane	ND		90	ug/kg	11/07/23	11/07/23
1,1,1-Trichloroethane	ND		90	ug/kg	11/07/23	11/07/23
Trichloroethene	ND		90	ug/kg	11/07/23	11/07/23
1,2,3-Trichloropropane	ND		90	ug/kg	11/07/23	11/07/23
1,3,5-Trimethylbenzene	206		90	ug/kg	11/07/23	11/07/23
1,2,4-Trimethylbenzene	308		90	ug/kg	11/07/23	11/07/23
Vinyl Chloride	ND		90	ug/kg	11/07/23	11/07/23
o-Xylene	144		90	ug/kg	11/07/23	11/07/23
m&p-Xylene	592		180	ug/kg	11/07/23	11/07/23
Total xylenes	736		90	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		90	ug/kg	11/07/23	11/07/23
tert-Amyl methyl ether	ND		90	ug/kg	11/07/23	11/07/23
1,3-Dichloropropane	ND		90	ug/kg	11/07/23	11/07/23
Ethyl tert-butyl ether	ND		90	ug/kg	11/07/23	11/07/23
Diisopropyl ether	ND		90	ug/kg	11/07/23	11/07/23
Trichlorofluoromethane	ND		90	ug/kg	11/07/23	11/07/23
Dichlorodifluoromethane	ND		90	ug/kg	11/07/23	11/07/23
1,2 Dichloroethene, Total	ND		449	ug/kg	11/07/23	11/07/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>95.6%</i>		<i>70-130</i>		11/07/23	11/07/23
<i>1,2-Dichloroethane-d4</i>	<i>105%</i>		<i>70-130</i>		11/07/23	11/07/23
<i>Toluene-d8</i>	<i>100%</i>		<i>70-130</i>		11/07/23	11/07/23

Results: Volatile Organic Compounds 8260C (5035-HL)

Sample: B7-S1

Lab Number: 3K03038-13 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		3110	ug/kg	11/07/23	11/07/23
Benzene	ND		62	ug/kg	11/07/23	11/07/23
Bromobenzene	ND		62	ug/kg	11/07/23	11/07/23
Bromochloromethane	ND		62	ug/kg	11/07/23	11/07/23
Bromodichloromethane	ND		62	ug/kg	11/07/23	11/07/23
Bromoform	ND		62	ug/kg	11/07/23	11/07/23
Bromomethane	ND		62	ug/kg	11/07/23	11/07/23
2-Butanone	ND		1550	ug/kg	11/07/23	11/07/23
tert-Butyl alcohol	ND		311	ug/kg	11/07/23	11/07/23
sec-Butylbenzene	ND		62	ug/kg	11/07/23	11/07/23
n-Butylbenzene	ND		62	ug/kg	11/07/23	11/07/23
tert-Butylbenzene	ND		62	ug/kg	11/07/23	11/07/23
Methyl t-butyl ether (MTBE)	ND		62	ug/kg	11/07/23	11/07/23
Carbon Disulfide	ND		62	ug/kg	11/07/23	11/07/23
Carbon Tetrachloride	ND		62	ug/kg	11/07/23	11/07/23
Chlorobenzene	ND		62	ug/kg	11/07/23	11/07/23
Chloroethane	ND		62	ug/kg	11/07/23	11/07/23
Chloroform	ND		62	ug/kg	11/07/23	11/07/23
Chloromethane	ND		62	ug/kg	11/07/23	11/07/23
4-Chlorotoluene	ND		62	ug/kg	11/07/23	11/07/23
2-Chlorotoluene	ND		62	ug/kg	11/07/23	11/07/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		62	ug/kg	11/07/23	11/07/23
Dibromochloromethane	ND		62	ug/kg	11/07/23	11/07/23
1,2-Dibromoethane (EDB)	ND		62	ug/kg	11/07/23	11/07/23
Dibromomethane	ND		62	ug/kg	11/07/23	11/07/23
1,2-Dichlorobenzene	ND		62	ug/kg	11/07/23	11/07/23
1,3-Dichlorobenzene	ND		62	ug/kg	11/07/23	11/07/23
1,4-Dichlorobenzene	ND		62	ug/kg	11/07/23	11/07/23
1,1-Dichloroethane	ND		62	ug/kg	11/07/23	11/07/23
1,2-Dichloroethane	ND		62	ug/kg	11/07/23	11/07/23
trans-1,2-Dichloroethene	ND		62	ug/kg	11/07/23	11/07/23
cis-1,2-Dichloroethene	ND		62	ug/kg	11/07/23	11/07/23
1,1-Dichloroethene	ND		62	ug/kg	11/07/23	11/07/23
1,2-Dichloropropane	ND		62	ug/kg	11/07/23	11/07/23
2,2-Dichloropropane	ND		62	ug/kg	11/07/23	11/07/23
cis-1,3-Dichloropropene	ND		62	ug/kg	11/07/23	11/07/23
trans-1,3-Dichloropropene	ND		62	ug/kg	11/07/23	11/07/23
1,1-Dichloropropene	ND		62	ug/kg	11/07/23	11/07/23
1,3-Dichloropropene (cis + trans)	ND		124	ug/kg	11/07/23	11/07/23
Diethyl ether	ND		311	ug/kg	11/07/23	11/07/23
1,4-Dioxane	ND		6220	ug/kg	11/07/23	11/07/23
Ethylbenzene	ND		62	ug/kg	11/07/23	11/07/23
Hexachlorobutadiene	ND		62	ug/kg	11/07/23	11/07/23
2-Hexanone	ND		622	ug/kg	11/07/23	11/07/23
Isopropylbenzene	ND		62	ug/kg	11/07/23	11/07/23
p-Isopropyltoluene	ND		62	ug/kg	11/07/23	11/07/23
Methylene Chloride	ND		311	ug/kg	11/07/23	11/07/23
4-Methyl-2-pentanone	ND		435	ug/kg	11/07/23	11/07/23

Results: Volatile Organic Compounds 8260C (5035-HL) (Continued)

Sample: B7-S1 (Continued)

Lab Number: 3K03038-13 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		62	ug/kg	11/07/23	11/07/23
n-Propylbenzene	ND		62	ug/kg	11/07/23	11/07/23
Styrene	ND		62	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		62	ug/kg	11/07/23	11/07/23
Tetrachloroethene	ND		62	ug/kg	11/07/23	11/07/23
Tetrahydrofuran	ND		311	ug/kg	11/07/23	11/07/23
Toluene	101		62	ug/kg	11/07/23	11/07/23
1,2,4-Trichlorobenzene	ND		62	ug/kg	11/07/23	11/07/23
1,2,3-Trichlorobenzene	ND		62	ug/kg	11/07/23	11/07/23
1,1,2-Trichloroethane	ND		62	ug/kg	11/07/23	11/07/23
1,1,1-Trichloroethane	ND		62	ug/kg	11/07/23	11/07/23
Trichloroethene	ND		62	ug/kg	11/07/23	11/07/23
1,2,3-Trichloropropane	ND		62	ug/kg	11/07/23	11/07/23
1,3,5-Trimethylbenzene	ND		62	ug/kg	11/07/23	11/07/23
1,2,4-Trimethylbenzene	81		62	ug/kg	11/07/23	11/07/23
Vinyl Chloride	ND		62	ug/kg	11/07/23	11/07/23
o-Xylene	ND		62	ug/kg	11/07/23	11/07/23
m&p-Xylene	ND		124	ug/kg	11/07/23	11/07/23
Total xylenes	ND		124	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		62	ug/kg	11/07/23	11/07/23
tert-Amyl methyl ether	ND		62	ug/kg	11/07/23	11/07/23
1,3-Dichloropropane	ND		62	ug/kg	11/07/23	11/07/23
Ethyl tert-butyl ether	ND		62	ug/kg	11/07/23	11/07/23
Diisopropyl ether	ND		62	ug/kg	11/07/23	11/07/23
Trichlorofluoromethane	330		62	ug/kg	11/07/23	11/07/23
Dichlorodifluoromethane	ND		62	ug/kg	11/07/23	11/07/23
1,2 Dichloroethene, Total	ND		311	ug/kg	11/07/23	11/07/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>93.8%</i>		<i>70-130</i>		11/07/23	11/07/23
<i>1,2-Dichloroethane-d4</i>	<i>110%</i>		<i>70-130</i>		11/07/23	11/07/23
<i>Toluene-d8</i>	<i>98.5%</i>		<i>70-130</i>		11/07/23	11/07/23

Results: Volatile Organic Compounds 8260C (5035-HL)

Sample: B7-S2

Lab Number: 3K03038-14 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		3940	ug/kg	11/07/23	11/07/23
Benzene	ND		79	ug/kg	11/07/23	11/07/23
Bromobenzene	ND		79	ug/kg	11/07/23	11/07/23
Bromochloromethane	ND		79	ug/kg	11/07/23	11/07/23
Bromodichloromethane	ND		79	ug/kg	11/07/23	11/07/23
Bromoform	ND		79	ug/kg	11/07/23	11/07/23
Bromomethane	ND		79	ug/kg	11/07/23	11/07/23
2-Butanone	ND		1970	ug/kg	11/07/23	11/07/23
tert-Butyl alcohol	ND		394	ug/kg	11/07/23	11/07/23
sec-Butylbenzene	ND		79	ug/kg	11/07/23	11/07/23
n-Butylbenzene	ND		79	ug/kg	11/07/23	11/07/23
tert-Butylbenzene	ND		79	ug/kg	11/07/23	11/07/23
Methyl t-butyl ether (MTBE)	ND		79	ug/kg	11/07/23	11/07/23
Carbon Disulfide	ND		79	ug/kg	11/07/23	11/07/23
Carbon Tetrachloride	ND		79	ug/kg	11/07/23	11/07/23
Chlorobenzene	ND		79	ug/kg	11/07/23	11/07/23
Chloroethane	ND		79	ug/kg	11/07/23	11/07/23
Chloroform	ND		79	ug/kg	11/07/23	11/07/23
Chloromethane	ND		79	ug/kg	11/07/23	11/07/23
4-Chlorotoluene	ND		79	ug/kg	11/07/23	11/07/23
2-Chlorotoluene	ND		79	ug/kg	11/07/23	11/07/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		79	ug/kg	11/07/23	11/07/23
Dibromochloromethane	ND		79	ug/kg	11/07/23	11/07/23
1,2-Dibromoethane (EDB)	ND		79	ug/kg	11/07/23	11/07/23
Dibromomethane	ND		79	ug/kg	11/07/23	11/07/23
1,2-Dichlorobenzene	ND		79	ug/kg	11/07/23	11/07/23
1,3-Dichlorobenzene	ND		79	ug/kg	11/07/23	11/07/23
1,4-Dichlorobenzene	ND		79	ug/kg	11/07/23	11/07/23
1,1-Dichloroethane	ND		79	ug/kg	11/07/23	11/07/23
1,2-Dichloroethane	ND		79	ug/kg	11/07/23	11/07/23
trans-1,2-Dichloroethene	ND		79	ug/kg	11/07/23	11/07/23
cis-1,2-Dichloroethene	ND		79	ug/kg	11/07/23	11/07/23
1,1-Dichloroethene	ND		79	ug/kg	11/07/23	11/07/23
1,2-Dichloropropane	ND		79	ug/kg	11/07/23	11/07/23
2,2-Dichloropropane	ND		79	ug/kg	11/07/23	11/07/23
cis-1,3-Dichloropropene	ND		79	ug/kg	11/07/23	11/07/23
trans-1,3-Dichloropropene	ND		79	ug/kg	11/07/23	11/07/23
1,1-Dichloropropene	ND		79	ug/kg	11/07/23	11/07/23
1,3-Dichloropropene (cis + trans)	ND		157	ug/kg	11/07/23	11/07/23
Diethyl ether	ND		394	ug/kg	11/07/23	11/07/23
1,4-Dioxane	ND		7870	ug/kg	11/07/23	11/07/23
Ethylbenzene	ND		79	ug/kg	11/07/23	11/07/23
Hexachlorobutadiene	ND		79	ug/kg	11/07/23	11/07/23
2-Hexanone	ND		787	ug/kg	11/07/23	11/07/23
Isopropylbenzene	ND		79	ug/kg	11/07/23	11/07/23
p-Isopropyltoluene	ND		79	ug/kg	11/07/23	11/07/23
Methylene Chloride	ND		394	ug/kg	11/07/23	11/07/23
4-Methyl-2-pentanone	ND		551	ug/kg	11/07/23	11/07/23

Results: Volatile Organic Compounds 8260C (5035-HL) (Continued)

Sample: B7-S2 (Continued)

Lab Number: 3K03038-14 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		79	ug/kg	11/07/23	11/07/23
n-Propylbenzene	ND		79	ug/kg	11/07/23	11/07/23
Styrene	ND		79	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		79	ug/kg	11/07/23	11/07/23
Tetrachloroethene	ND		79	ug/kg	11/07/23	11/07/23
Tetrahydrofuran	ND		394	ug/kg	11/07/23	11/07/23
Toluene	94		79	ug/kg	11/07/23	11/07/23
1,2,4-Trichlorobenzene	ND		79	ug/kg	11/07/23	11/07/23
1,2,3-Trichlorobenzene	ND		79	ug/kg	11/07/23	11/07/23
1,1,2-Trichloroethane	ND		79	ug/kg	11/07/23	11/07/23
1,1,1-Trichloroethane	ND		79	ug/kg	11/07/23	11/07/23
Trichloroethene	ND		79	ug/kg	11/07/23	11/07/23
1,2,3-Trichloropropane	ND		79	ug/kg	11/07/23	11/07/23
1,3,5-Trimethylbenzene	ND		79	ug/kg	11/07/23	11/07/23
1,2,4-Trimethylbenzene	120		79	ug/kg	11/07/23	11/07/23
Vinyl Chloride	ND		79	ug/kg	11/07/23	11/07/23
o-Xylene	ND		79	ug/kg	11/07/23	11/07/23
m&p-Xylene	ND		157	ug/kg	11/07/23	11/07/23
Total xylenes	ND		157	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		79	ug/kg	11/07/23	11/07/23
tert-Amyl methyl ether	ND		79	ug/kg	11/07/23	11/07/23
1,3-Dichloropropane	ND		79	ug/kg	11/07/23	11/07/23
Ethyl tert-butyl ether	ND		79	ug/kg	11/07/23	11/07/23
Diisopropyl ether	ND		79	ug/kg	11/07/23	11/07/23
Trichlorofluoromethane	ND		79	ug/kg	11/07/23	11/07/23
Dichlorodifluoromethane	ND		79	ug/kg	11/07/23	11/07/23
1,2 Dichloroethene, Total	ND		394	ug/kg	11/07/23	11/07/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>94.6%</i>		<i>70-130</i>		<i>11/07/23</i>	<i>11/07/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>114%</i>		<i>70-130</i>		<i>11/07/23</i>	<i>11/07/23</i>
<i>Toluene-d8</i>	<i>100%</i>		<i>70-130</i>		<i>11/07/23</i>	<i>11/07/23</i>

Results: Semivolatile organic compounds

Sample: B1-S1

Lab Number: 3K03038-01 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		723	ug/kg	11/04/23	11/06/23
1,2-Dichlorobenzene	ND		723	ug/kg	11/04/23	11/06/23
1,3-Dichlorobenzene	ND		723	ug/kg	11/04/23	11/06/23
1,4-Dichlorobenzene	ND		723	ug/kg	11/04/23	11/06/23
Phenol	ND		723	ug/kg	11/04/23	11/06/23
2,4,5-Trichlorophenol	ND		723	ug/kg	11/04/23	11/06/23
2,4,6-Trichlorophenol	ND		723	ug/kg	11/04/23	11/06/23
2,4-Dichlorophenol	ND		723	ug/kg	11/04/23	11/06/23
2,4-Dimethylphenol	ND		1830	ug/kg	11/04/23	11/06/23
2,4-Dinitrophenol	ND		1830	ug/kg	11/04/23	11/06/23
2,4-Dinitrotoluene	ND		723	ug/kg	11/04/23	11/06/23
2,6-Dinitrotoluene	ND		723	ug/kg	11/04/23	11/06/23
2-Chloronaphthalene	ND		723	ug/kg	11/04/23	11/06/23
2-Chlorophenol	ND		723	ug/kg	11/04/23	11/06/23
2-Methylnaphthalene	ND		723	ug/kg	11/04/23	11/06/23
Nitrobenzene	ND		723	ug/kg	11/04/23	11/06/23
2-Methylphenol	ND		723	ug/kg	11/04/23	11/06/23
2-Nitroaniline	ND		723	ug/kg	11/04/23	11/06/23
2-Nitrophenol	ND		1830	ug/kg	11/04/23	11/06/23
3,3'-Dichlorobenzidine	ND		1830	ug/kg	11/04/23	11/06/23
3-Nitroaniline	ND		723	ug/kg	11/04/23	11/06/23
4,6-Dinitro-2-methylphenol	ND		1830	ug/kg	11/04/23	11/06/23
4-Bromophenyl phenyl ether	ND		723	ug/kg	11/04/23	11/06/23
4-Chloro-3-methylphenol	ND		723	ug/kg	11/04/23	11/06/23
4-Chloroaniline	ND		723	ug/kg	11/04/23	11/06/23
4-Chlorophenyl phenyl ether	ND		723	ug/kg	11/04/23	11/06/23
4-Nitroaniline	ND		723	ug/kg	11/04/23	11/06/23
4-Nitrophenol	ND		1830	ug/kg	11/04/23	11/06/23
Acenaphthene	ND		723	ug/kg	11/04/23	11/06/23
Acenaphthylene	ND		723	ug/kg	11/04/23	11/06/23
Aniline	ND		723	ug/kg	11/04/23	11/06/23
Anthracene	ND		723	ug/kg	11/04/23	11/06/23
Benzo(a)anthracene	ND		723	ug/kg	11/04/23	11/06/23
Benzo(a)pyrene	ND		723	ug/kg	11/04/23	11/06/23
Benzo(b)fluoranthene	1050		723	ug/kg	11/04/23	11/06/23
Benzo(g,h,i)perylene	804		723	ug/kg	11/04/23	11/06/23
Benzo(k)fluoranthene	ND		723	ug/kg	11/04/23	11/06/23
Benzoic acid	ND		5560	ug/kg	11/04/23	11/06/23
Biphenyl	ND		167	ug/kg	11/04/23	11/06/23
Bis(2-chloroethoxy)methane	ND		723	ug/kg	11/04/23	11/06/23
Bis(2-chloroethyl)ether	ND		723	ug/kg	11/04/23	11/06/23
Bis(2-chloroisopropyl)ether	ND		723	ug/kg	11/04/23	11/06/23
Bis(2-ethylhexyl)phthalate	2740		2220	ug/kg	11/04/23	11/06/23
Butyl benzyl phthalate	ND		723	ug/kg	11/04/23	11/06/23
Chrysene	812		723	ug/kg	11/04/23	11/06/23
Di-n-octyl phthalate	ND		1110	ug/kg	11/04/23	11/06/23
Dibenz(a,h)anthracene	ND		723	ug/kg	11/04/23	11/06/23
Dibenzofuran	ND		723	ug/kg	11/04/23	11/06/23

Results: Semivolatile organic compounds (Continued)

Sample: B1-S1 (Continued)

Lab Number: 3K03038-01 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		723	ug/kg	11/04/23	11/06/23
Dimethyl phthalate	ND		1830	ug/kg	11/04/23	11/06/23
Di-n-butyl phthalate	ND		1110	ug/kg	11/04/23	11/06/23
Fluoranthene	1280		723	ug/kg	11/04/23	11/06/23
Fluorene	ND		723	ug/kg	11/04/23	11/06/23
Hexachlorobenzene	ND		723	ug/kg	11/04/23	11/06/23
Hexachlorobutadiene	ND		723	ug/kg	11/04/23	11/06/23
Hexachlorocyclopentadiene	ND		1830	ug/kg	11/04/23	11/06/23
Hexachloroethane	ND		723	ug/kg	11/04/23	11/06/23
Indeno(1,2,3-cd)pyrene	ND		723	ug/kg	11/04/23	11/06/23
Isophorone	ND		723	ug/kg	11/04/23	11/06/23
Naphthalene	ND		723	ug/kg	11/04/23	11/06/23
N-Nitrosodimethylamine	ND		723	ug/kg	11/04/23	11/06/23
N-Nitrosodi-n-propylamine	ND		723	ug/kg	11/04/23	11/06/23
N-Nitrosodiphenylamine	ND		723	ug/kg	11/04/23	11/06/23
Pentachlorophenol	ND		1830	ug/kg	11/04/23	11/06/23
Phenanthrene	797		723	ug/kg	11/04/23	11/06/23
Pyrene	1300		723	ug/kg	11/04/23	11/06/23
m&p-Cresol	ND		1450	ug/kg	11/04/23	11/06/23
Pyridine	ND		723	ug/kg	11/04/23	11/06/23
Azobenzene	ND		723	ug/kg	11/04/23	11/06/23
Total Dichlorobenzene	ND		723	ug/kg	11/04/23	11/06/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	66.2%		30-126		11/04/23	11/06/23
<i>p-Terphenyl-d14</i>	86.2%		47-130		11/04/23	11/06/23
<i>2-Fluorobiphenyl</i>	66.6%		34-130		11/04/23	11/06/23
<i>Phenol-d6</i>	49.5%		30-130		11/04/23	11/06/23
<i>2,4,6-Tribromophenol</i>	70.0%		30-130		11/04/23	11/06/23
<i>2-Fluorophenol</i>	50.1%		30-130		11/04/23	11/06/23

Results: Semivolatile organic compounds

Sample: B1-S2

Lab Number: 3K03038-02 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		789	ug/kg	11/04/23	11/06/23
1,2-Dichlorobenzene	ND		789	ug/kg	11/04/23	11/06/23
1,3-Dichlorobenzene	ND		789	ug/kg	11/04/23	11/06/23
1,4-Dichlorobenzene	ND		789	ug/kg	11/04/23	11/06/23
Phenol	ND		789	ug/kg	11/04/23	11/06/23
2,4,5-Trichlorophenol	ND		789	ug/kg	11/04/23	11/06/23
2,4,6-Trichlorophenol	ND		789	ug/kg	11/04/23	11/06/23
2,4-Dichlorophenol	ND		789	ug/kg	11/04/23	11/06/23
2,4-Dimethylphenol	ND		2000	ug/kg	11/04/23	11/06/23
2,4-Dinitrophenol	ND		2000	ug/kg	11/04/23	11/06/23
2,4-Dinitrotoluene	ND		789	ug/kg	11/04/23	11/06/23
2,6-Dinitrotoluene	ND		789	ug/kg	11/04/23	11/06/23
2-Chloronaphthalene	ND		789	ug/kg	11/04/23	11/06/23
2-Chlorophenol	ND		789	ug/kg	11/04/23	11/06/23
2-Methylnaphthalene	ND		789	ug/kg	11/04/23	11/06/23
Nitrobenzene	ND		789	ug/kg	11/04/23	11/06/23
2-Methylphenol	ND		789	ug/kg	11/04/23	11/06/23
2-Nitroaniline	ND		789	ug/kg	11/04/23	11/06/23
2-Nitrophenol	ND		2000	ug/kg	11/04/23	11/06/23
3,3'-Dichlorobenzidine	ND		2000	ug/kg	11/04/23	11/06/23
3-Nitroaniline	ND		789	ug/kg	11/04/23	11/06/23
4,6-Dinitro-2-methylphenol	ND		2000	ug/kg	11/04/23	11/06/23
4-Bromophenyl phenyl ether	ND		789	ug/kg	11/04/23	11/06/23
4-Chloro-3-methylphenol	ND		789	ug/kg	11/04/23	11/06/23
4-Chloroaniline	ND		789	ug/kg	11/04/23	11/06/23
4-Chlorophenyl phenyl ether	ND		789	ug/kg	11/04/23	11/06/23
4-Nitroaniline	ND		789	ug/kg	11/04/23	11/06/23
4-Nitrophenol	ND		2000	ug/kg	11/04/23	11/06/23
Acenaphthene	ND		789	ug/kg	11/04/23	11/06/23
Acenaphthylene	ND		789	ug/kg	11/04/23	11/06/23
Aniline	ND		789	ug/kg	11/04/23	11/06/23
Anthracene	ND		789	ug/kg	11/04/23	11/06/23
Benzo(a)anthracene	1990		789	ug/kg	11/04/23	11/06/23
Benzo(a)pyrene	1710		789	ug/kg	11/04/23	11/06/23
Benzo(b)fluoranthene	2230		789	ug/kg	11/04/23	11/06/23
Benzo(g,h,i)perylene	1160		789	ug/kg	11/04/23	11/06/23
Benzo(k)fluoranthene	906		789	ug/kg	11/04/23	11/06/23
Benzoic acid	ND		6070	ug/kg	11/04/23	11/06/23
Biphenyl	ND		182	ug/kg	11/04/23	11/06/23
Bis(2-chloroethoxy)methane	ND		789	ug/kg	11/04/23	11/06/23
Bis(2-chloroethyl)ether	ND		789	ug/kg	11/04/23	11/06/23
Bis(2-chloroisopropyl)ether	ND		789	ug/kg	11/04/23	11/06/23
Bis(2-ethylhexyl)phthalate	ND		2430	ug/kg	11/04/23	11/06/23
Butyl benzyl phthalate	ND		789	ug/kg	11/04/23	11/06/23
Chrysene	2090		789	ug/kg	11/04/23	11/06/23
Di-n-octyl phthalate	ND		1210	ug/kg	11/04/23	11/06/23
Dibenz(a,h)anthracene	ND		789	ug/kg	11/04/23	11/06/23
Dibenzofuran	ND		789	ug/kg	11/04/23	11/06/23

Results: Semivolatile organic compounds (Continued)

Sample: B1-S2 (Continued)

Lab Number: 3K03038-02 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		789	ug/kg	11/04/23	11/06/23
Dimethyl phthalate	ND		2000	ug/kg	11/04/23	11/06/23
Di-n-butyl phthalate	ND		1210	ug/kg	11/04/23	11/06/23
Fluoranthene	3740		789	ug/kg	11/04/23	11/06/23
Fluorene	ND		789	ug/kg	11/04/23	11/06/23
Hexachlorobenzene	ND		789	ug/kg	11/04/23	11/06/23
Hexachlorobutadiene	ND		789	ug/kg	11/04/23	11/06/23
Hexachlorocyclopentadiene	ND		2000	ug/kg	11/04/23	11/06/23
Hexachloroethane	ND		789	ug/kg	11/04/23	11/06/23
Indeno(1,2,3-cd)pyrene	1330		789	ug/kg	11/04/23	11/06/23
Isophorone	ND		789	ug/kg	11/04/23	11/06/23
Naphthalene	ND		789	ug/kg	11/04/23	11/06/23
N-Nitrosodimethylamine	ND		789	ug/kg	11/04/23	11/06/23
N-Nitrosodi-n-propylamine	ND		789	ug/kg	11/04/23	11/06/23
N-Nitrosodiphenylamine	ND		789	ug/kg	11/04/23	11/06/23
Pentachlorophenol	ND		2000	ug/kg	11/04/23	11/06/23
Phenanthrene	1890		789	ug/kg	11/04/23	11/06/23
Pyrene	3410		789	ug/kg	11/04/23	11/06/23
m&p-Cresol	ND		1580	ug/kg	11/04/23	11/06/23
Pyridine	ND		789	ug/kg	11/04/23	11/06/23
Azobenzene	ND		789	ug/kg	11/04/23	11/06/23
Total Dichlorobenzene	ND		789	ug/kg	11/04/23	11/06/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	87.5%		30-126		11/04/23	11/06/23
<i>p-Terphenyl-d14</i>	96.9%		47-130		11/04/23	11/06/23
<i>2-Fluorobiphenyl</i>	87.7%		34-130		11/04/23	11/06/23
<i>Phenol-d6</i>	66.6%		30-130		11/04/23	11/06/23
<i>2,4,6-Tribromophenol</i>	86.0%		30-130		11/04/23	11/06/23
<i>2-Fluorophenol</i>	69.3%		30-130		11/04/23	11/06/23

Results: Semivolatile organic compounds

Sample: B2-S1

Lab Number: 3K03038-03 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		1470	ug/kg	11/04/23	11/06/23
1,2-Dichlorobenzene	ND		1470	ug/kg	11/04/23	11/06/23
1,3-Dichlorobenzene	ND		1470	ug/kg	11/04/23	11/06/23
1,4-Dichlorobenzene	ND		1470	ug/kg	11/04/23	11/06/23
Phenol	ND		1470	ug/kg	11/04/23	11/06/23
2,4,5-Trichlorophenol	ND		1470	ug/kg	11/04/23	11/06/23
2,4,6-Trichlorophenol	ND		1470	ug/kg	11/04/23	11/06/23
2,4-Dichlorophenol	ND		1470	ug/kg	11/04/23	11/06/23
2,4-Dimethylphenol	ND		3730	ug/kg	11/04/23	11/06/23
2,4-Dinitrophenol	ND		3730	ug/kg	11/04/23	11/06/23
2,4-Dinitrotoluene	ND		1470	ug/kg	11/04/23	11/06/23
2,6-Dinitrotoluene	ND		1470	ug/kg	11/04/23	11/06/23
2-Chloronaphthalene	ND		1470	ug/kg	11/04/23	11/06/23
2-Chlorophenol	ND		1470	ug/kg	11/04/23	11/06/23
2-Methylnaphthalene	ND		1470	ug/kg	11/04/23	11/06/23
Nitrobenzene	ND		1470	ug/kg	11/04/23	11/06/23
2-Methylphenol	ND		1470	ug/kg	11/04/23	11/06/23
2-Nitroaniline	ND		1470	ug/kg	11/04/23	11/06/23
2-Nitrophenol	ND		3730	ug/kg	11/04/23	11/06/23
3,3'-Dichlorobenzidine	ND		3730	ug/kg	11/04/23	11/06/23
3-Nitroaniline	ND		1470	ug/kg	11/04/23	11/06/23
4,6-Dinitro-2-methylphenol	4310		3730	ug/kg	11/04/23	11/06/23
4-Bromophenyl phenyl ether	ND		1470	ug/kg	11/04/23	11/06/23
4-Chloro-3-methylphenol	ND		1470	ug/kg	11/04/23	11/06/23
4-Chloroaniline	ND		1470	ug/kg	11/04/23	11/06/23
4-Chlorophenyl phenyl ether	ND		1470	ug/kg	11/04/23	11/06/23
4-Nitroaniline	ND		1470	ug/kg	11/04/23	11/06/23
4-Nitrophenol	ND		3730	ug/kg	11/04/23	11/06/23
Acenaphthene	ND		1470	ug/kg	11/04/23	11/06/23
Acenaphthylene	ND		1470	ug/kg	11/04/23	11/06/23
Aniline	ND		1470	ug/kg	11/04/23	11/06/23
Anthracene	ND		1470	ug/kg	11/04/23	11/06/23
Benzo(a)anthracene	ND		1470	ug/kg	11/04/23	11/06/23
Benzo(a)pyrene	ND		1470	ug/kg	11/04/23	11/06/23
Benzo(b)fluoranthene	ND		1470	ug/kg	11/04/23	11/06/23
Benzo(g,h,i)perylene	ND		1470	ug/kg	11/04/23	11/06/23
Benzo(k)fluoranthene	ND		1470	ug/kg	11/04/23	11/06/23
Benzoic acid	ND		11300	ug/kg	11/04/23	11/06/23
Biphenyl	ND		339	ug/kg	11/04/23	11/06/23
Bis(2-chloroethoxy)methane	ND		1470	ug/kg	11/04/23	11/06/23
Bis(2-chloroethyl)ether	ND		1470	ug/kg	11/04/23	11/06/23
Bis(2-chloroisopropyl)ether	ND		1470	ug/kg	11/04/23	11/06/23
Bis(2-ethylhexyl)phthalate	ND		4530	ug/kg	11/04/23	11/06/23
Butyl benzyl phthalate	ND		1470	ug/kg	11/04/23	11/06/23
Chrysene	ND		1470	ug/kg	11/04/23	11/06/23
Di-n-octyl phthalate	ND		2260	ug/kg	11/04/23	11/06/23
Dibenz(a,h)anthracene	ND		1470	ug/kg	11/04/23	11/06/23
Dibenzofuran	ND		1470	ug/kg	11/04/23	11/06/23

Results: Semivolatile organic compounds (Continued)

Sample: B2-S1 (Continued)

Lab Number: 3K03038-03 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		1470	ug/kg	11/04/23	11/06/23
Dimethyl phthalate	ND		3730	ug/kg	11/04/23	11/06/23
Di-n-butyl phthalate	ND		2260	ug/kg	11/04/23	11/06/23
Fluoranthene	1790		1470	ug/kg	11/04/23	11/06/23
Fluorene	ND		1470	ug/kg	11/04/23	11/06/23
Hexachlorobenzene	ND		1470	ug/kg	11/04/23	11/06/23
Hexachlorobutadiene	ND		1470	ug/kg	11/04/23	11/06/23
Hexachlorocyclopentadiene	ND		3730	ug/kg	11/04/23	11/06/23
Hexachloroethane	ND		1470	ug/kg	11/04/23	11/06/23
Indeno(1,2,3-cd)pyrene	ND		1470	ug/kg	11/04/23	11/06/23
Isophorone	ND		1470	ug/kg	11/04/23	11/06/23
Naphthalene	ND		1470	ug/kg	11/04/23	11/06/23
N-Nitrosodimethylamine	ND		1470	ug/kg	11/04/23	11/06/23
N-Nitrosodi-n-propylamine	ND		1470	ug/kg	11/04/23	11/06/23
N-Nitrosodiphenylamine	ND		1470	ug/kg	11/04/23	11/06/23
Pentachlorophenol	ND		3730	ug/kg	11/04/23	11/06/23
Phenanthrene	ND		1470	ug/kg	11/04/23	11/06/23
Pyrene	2010		1470	ug/kg	11/04/23	11/06/23
m&p-Cresol	ND		2940	ug/kg	11/04/23	11/06/23
Pyridine	ND		1470	ug/kg	11/04/23	11/06/23
Azobenzene	ND		1470	ug/kg	11/04/23	11/06/23
Total Dichlorobenzene	ND		1470	ug/kg	11/04/23	11/06/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	53.7%		30-126		11/04/23	11/06/23
<i>p-Terphenyl-d14</i>	55.2%		47-130		11/04/23	11/06/23
<i>2-Fluorobiphenyl</i>	52.2%		34-130		11/04/23	11/06/23
<i>Phenol-d6</i>	35.0%		30-130		11/04/23	11/06/23
<i>2,4,6-Tribromophenol</i>	13.1%		30-130		11/04/23	11/06/23
<i>2-Fluorophenol</i>	31.5%		30-130		11/04/23	11/06/23

Results: Semivolatile organic compounds

Sample: B2-S2

Lab Number: 3K03038-04 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		785	ug/kg	11/04/23	11/06/23
1,2-Dichlorobenzene	ND		785	ug/kg	11/04/23	11/06/23
1,3-Dichlorobenzene	ND		785	ug/kg	11/04/23	11/06/23
1,4-Dichlorobenzene	ND		785	ug/kg	11/04/23	11/06/23
Phenol	ND		785	ug/kg	11/04/23	11/06/23
2,4,5-Trichlorophenol	ND		785	ug/kg	11/04/23	11/06/23
2,4,6-Trichlorophenol	ND		785	ug/kg	11/04/23	11/06/23
2,4-Dichlorophenol	ND		785	ug/kg	11/04/23	11/06/23
2,4-Dimethylphenol	ND		1990	ug/kg	11/04/23	11/06/23
2,4-Dinitrophenol	ND		1990	ug/kg	11/04/23	11/06/23
2,4-Dinitrotoluene	ND		785	ug/kg	11/04/23	11/06/23
2,6-Dinitrotoluene	ND		785	ug/kg	11/04/23	11/06/23
2-Chloronaphthalene	ND		785	ug/kg	11/04/23	11/06/23
2-Chlorophenol	ND		785	ug/kg	11/04/23	11/06/23
2-Methylnaphthalene	ND		785	ug/kg	11/04/23	11/06/23
Nitrobenzene	ND		785	ug/kg	11/04/23	11/06/23
2-Methylphenol	ND		785	ug/kg	11/04/23	11/06/23
2-Nitroaniline	ND		785	ug/kg	11/04/23	11/06/23
2-Nitrophenol	ND		1990	ug/kg	11/04/23	11/06/23
3,3'-Dichlorobenzidine	ND		1990	ug/kg	11/04/23	11/06/23
3-Nitroaniline	ND		785	ug/kg	11/04/23	11/06/23
4,6-Dinitro-2-methylphenol	ND		1990	ug/kg	11/04/23	11/06/23
4-Bromophenyl phenyl ether	ND		785	ug/kg	11/04/23	11/06/23
4-Chloro-3-methylphenol	ND		785	ug/kg	11/04/23	11/06/23
4-Chloroaniline	ND		785	ug/kg	11/04/23	11/06/23
4-Chlorophenyl phenyl ether	ND		785	ug/kg	11/04/23	11/06/23
4-Nitroaniline	ND		785	ug/kg	11/04/23	11/06/23
4-Nitrophenol	ND		1990	ug/kg	11/04/23	11/06/23
Acenaphthene	ND		785	ug/kg	11/04/23	11/06/23
Acenaphthylene	ND		785	ug/kg	11/04/23	11/06/23
Aniline	ND		785	ug/kg	11/04/23	11/06/23
Anthracene	ND		785	ug/kg	11/04/23	11/06/23
Benzo(a)anthracene	ND		785	ug/kg	11/04/23	11/06/23
Benzo(a)pyrene	ND		785	ug/kg	11/04/23	11/06/23
Benzo(b)fluoranthene	ND		785	ug/kg	11/04/23	11/06/23
Benzo(g,h,i)perylene	ND		785	ug/kg	11/04/23	11/06/23
Benzo(k)fluoranthene	ND		785	ug/kg	11/04/23	11/06/23
Benzoic acid	ND		6040	ug/kg	11/04/23	11/06/23
Biphenyl	ND		181	ug/kg	11/04/23	11/06/23
Bis(2-chloroethoxy)methane	ND		785	ug/kg	11/04/23	11/06/23
Bis(2-chloroethyl)ether	ND		785	ug/kg	11/04/23	11/06/23
Bis(2-chloroisopropyl)ether	ND		785	ug/kg	11/04/23	11/06/23
Bis(2-ethylhexyl)phthalate	ND		2420	ug/kg	11/04/23	11/06/23
Butyl benzyl phthalate	ND		785	ug/kg	11/04/23	11/06/23
Chrysene	ND		785	ug/kg	11/04/23	11/06/23
Di-n-octyl phthalate	ND		1210	ug/kg	11/04/23	11/06/23
Dibenz(a,h)anthracene	ND		785	ug/kg	11/04/23	11/06/23
Dibenzofuran	ND		785	ug/kg	11/04/23	11/06/23

Results: Semivolatile organic compounds (Continued)

Sample: B2-S2 (Continued)

Lab Number: 3K03038-04 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		785	ug/kg	11/04/23	11/06/23
Dimethyl phthalate	ND		1990	ug/kg	11/04/23	11/06/23
Di-n-butyl phthalate	ND		1210	ug/kg	11/04/23	11/06/23
Fluoranthene	1120		785	ug/kg	11/04/23	11/06/23
Fluorene	ND		785	ug/kg	11/04/23	11/06/23
Hexachlorobenzene	ND		785	ug/kg	11/04/23	11/06/23
Hexachlorobutadiene	ND		785	ug/kg	11/04/23	11/06/23
Hexachlorocyclopentadiene	ND		1990	ug/kg	11/04/23	11/06/23
Hexachloroethane	ND		785	ug/kg	11/04/23	11/06/23
Indeno(1,2,3-cd)pyrene	ND		785	ug/kg	11/04/23	11/06/23
Isophorone	ND		785	ug/kg	11/04/23	11/06/23
Naphthalene	ND		785	ug/kg	11/04/23	11/06/23
N-Nitrosodimethylamine	ND		785	ug/kg	11/04/23	11/06/23
N-Nitrosodi-n-propylamine	ND		785	ug/kg	11/04/23	11/06/23
N-Nitrosodiphenylamine	ND		785	ug/kg	11/04/23	11/06/23
Pentachlorophenol	ND		1990	ug/kg	11/04/23	11/06/23
Phenanthrene	ND		785	ug/kg	11/04/23	11/06/23
Pyrene	1200		785	ug/kg	11/04/23	11/06/23
m&p-Cresol	ND		1570	ug/kg	11/04/23	11/06/23
Pyridine	ND		785	ug/kg	11/04/23	11/06/23
Azobenzene	ND		785	ug/kg	11/04/23	11/06/23
Total Dichlorobenzene	ND		785	ug/kg	11/04/23	11/06/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	55.6%		30-126		11/04/23	11/06/23
<i>p-Terphenyl-d14</i>	84.4%		47-130		11/04/23	11/06/23
<i>2-Fluorobiphenyl</i>	62.8%		34-130		11/04/23	11/06/23
<i>Phenol-d6</i>	45.7%		30-130		11/04/23	11/06/23
<i>2,4,6-Tribromophenol</i>	76.7%		30-130		11/04/23	11/06/23
<i>2-Fluorophenol</i>	44.7%		30-130		11/04/23	11/06/23

Results: Semivolatile organic compounds

Sample: B3-S1

Lab Number: 3K03038-05 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		740	ug/kg	11/04/23	11/06/23
1,2-Dichlorobenzene	ND		740	ug/kg	11/04/23	11/06/23
1,3-Dichlorobenzene	ND		740	ug/kg	11/04/23	11/06/23
1,4-Dichlorobenzene	ND		740	ug/kg	11/04/23	11/06/23
Phenol	ND		740	ug/kg	11/04/23	11/06/23
2,4,5-Trichlorophenol	ND		740	ug/kg	11/04/23	11/06/23
2,4,6-Trichlorophenol	ND		740	ug/kg	11/04/23	11/06/23
2,4-Dichlorophenol	ND		740	ug/kg	11/04/23	11/06/23
2,4-Dimethylphenol	ND		1880	ug/kg	11/04/23	11/06/23
2,4-Dinitrophenol	ND		1880	ug/kg	11/04/23	11/06/23
2,4-Dinitrotoluene	ND		740	ug/kg	11/04/23	11/06/23
2,6-Dinitrotoluene	ND		740	ug/kg	11/04/23	11/06/23
2-Chloronaphthalene	ND		740	ug/kg	11/04/23	11/06/23
2-Chlorophenol	ND		740	ug/kg	11/04/23	11/06/23
2-Methylnaphthalene	ND		740	ug/kg	11/04/23	11/06/23
Nitrobenzene	ND		740	ug/kg	11/04/23	11/06/23
2-Methylphenol	ND		740	ug/kg	11/04/23	11/06/23
2-Nitroaniline	ND		740	ug/kg	11/04/23	11/06/23
2-Nitrophenol	ND		1880	ug/kg	11/04/23	11/06/23
3,3'-Dichlorobenzidine	ND		1880	ug/kg	11/04/23	11/06/23
3-Nitroaniline	ND		740	ug/kg	11/04/23	11/06/23
4,6-Dinitro-2-methylphenol	ND		1880	ug/kg	11/04/23	11/06/23
4-Bromophenyl phenyl ether	ND		740	ug/kg	11/04/23	11/06/23
4-Chloro-3-methylphenol	ND		740	ug/kg	11/04/23	11/06/23
4-Chloroaniline	ND		740	ug/kg	11/04/23	11/06/23
4-Chlorophenyl phenyl ether	ND		740	ug/kg	11/04/23	11/06/23
4-Nitroaniline	ND		740	ug/kg	11/04/23	11/06/23
4-Nitrophenol	ND		1880	ug/kg	11/04/23	11/06/23
Acenaphthene	ND		740	ug/kg	11/04/23	11/06/23
Acenaphthylene	ND		740	ug/kg	11/04/23	11/06/23
Aniline	ND		740	ug/kg	11/04/23	11/06/23
Anthracene	942		740	ug/kg	11/04/23	11/06/23
Benzo(a)anthracene	3470		740	ug/kg	11/04/23	11/06/23
Benzo(a)pyrene	3350		740	ug/kg	11/04/23	11/06/23
Benzo(b)fluoranthene	3930		740	ug/kg	11/04/23	11/06/23
Benzo(g,h,i)perylene	2430		740	ug/kg	11/04/23	11/06/23
Benzo(k)fluoranthene	1360		740	ug/kg	11/04/23	11/06/23
Benzoic acid	ND		5700	ug/kg	11/04/23	11/06/23
Biphenyl	ND		171	ug/kg	11/04/23	11/06/23
Bis(2-chloroethoxy)methane	ND		740	ug/kg	11/04/23	11/06/23
Bis(2-chloroethyl)ether	ND		740	ug/kg	11/04/23	11/06/23
Bis(2-chloroisopropyl)ether	ND		740	ug/kg	11/04/23	11/06/23
Bis(2-ethylhexyl)phthalate	ND		2280	ug/kg	11/04/23	11/06/23
Butyl benzyl phthalate	ND		740	ug/kg	11/04/23	11/06/23
Chrysene	3380		740	ug/kg	11/04/23	11/06/23
Di-n-octyl phthalate	ND		1140	ug/kg	11/04/23	11/06/23
Dibenz(a,h)anthracene	ND		740	ug/kg	11/04/23	11/06/23
Dibenzofuran	ND		740	ug/kg	11/04/23	11/06/23

Results: Semivolatile organic compounds (Continued)

Sample: B3-S1 (Continued)

Lab Number: 3K03038-05 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		740	ug/kg	11/04/23	11/06/23
Dimethyl phthalate	ND		1880	ug/kg	11/04/23	11/06/23
Di-n-butyl phthalate	ND		1140	ug/kg	11/04/23	11/06/23
Fluoranthene	945		740	ug/kg	11/04/23	11/06/23
Fluorene	ND		740	ug/kg	11/04/23	11/06/23
Hexachlorobenzene	ND		740	ug/kg	11/04/23	11/06/23
Hexachlorobutadiene	ND		740	ug/kg	11/04/23	11/06/23
Hexachlorocyclopentadiene	ND		1880	ug/kg	11/04/23	11/06/23
Hexachloroethane	ND		740	ug/kg	11/04/23	11/06/23
Indeno(1,2,3-cd)pyrene	2450		740	ug/kg	11/04/23	11/06/23
Isophorone	ND		740	ug/kg	11/04/23	11/06/23
Naphthalene	ND		740	ug/kg	11/04/23	11/06/23
N-Nitrosodimethylamine	ND		740	ug/kg	11/04/23	11/06/23
N-Nitrosodi-n-propylamine	ND		740	ug/kg	11/04/23	11/06/23
N-Nitrosodiphenylamine	ND		740	ug/kg	11/04/23	11/06/23
Pentachlorophenol	ND		1880	ug/kg	11/04/23	11/06/23
Phenanthrene	4620		740	ug/kg	11/04/23	11/06/23
Pyrene	8480		740	ug/kg	11/04/23	11/06/23
m&p-Cresol	ND		1480	ug/kg	11/04/23	11/06/23
Pyridine	ND		740	ug/kg	11/04/23	11/06/23
Azobenzene	ND		740	ug/kg	11/04/23	11/06/23
Total Dichlorobenzene	ND		740	ug/kg	11/04/23	11/06/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	107%		30-126		11/04/23	11/06/23
<i>p-Terphenyl-d14</i>	143%		47-130		11/04/23	11/06/23
<i>2-Fluorobiphenyl</i>	110%		34-130		11/04/23	11/06/23
<i>Phenol-d6</i>	88.0%		30-130		11/04/23	11/06/23
<i>2,4,6-Tribromophenol</i>	128%		30-130		11/04/23	11/06/23
<i>2-Fluorophenol</i>	85.7%		30-130		11/04/23	11/06/23

Results: Semivolatile organic compounds

Sample: B3-S2

Lab Number: 3K03038-06 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		808	ug/kg	11/04/23	11/06/23
1,2-Dichlorobenzene	ND		808	ug/kg	11/04/23	11/06/23
1,3-Dichlorobenzene	ND		808	ug/kg	11/04/23	11/06/23
1,4-Dichlorobenzene	ND		808	ug/kg	11/04/23	11/06/23
Phenol	ND		808	ug/kg	11/04/23	11/06/23
2,4,5-Trichlorophenol	ND		808	ug/kg	11/04/23	11/06/23
2,4,6-Trichlorophenol	ND		808	ug/kg	11/04/23	11/06/23
2,4-Dichlorophenol	ND		808	ug/kg	11/04/23	11/06/23
2,4-Dimethylphenol	ND		2050	ug/kg	11/04/23	11/06/23
2,4-Dinitrophenol	ND		2050	ug/kg	11/04/23	11/06/23
2,4-Dinitrotoluene	ND		808	ug/kg	11/04/23	11/06/23
2,6-Dinitrotoluene	ND		808	ug/kg	11/04/23	11/06/23
2-Chloronaphthalene	ND		808	ug/kg	11/04/23	11/06/23
2-Chlorophenol	ND		808	ug/kg	11/04/23	11/06/23
2-Methylnaphthalene	1200		808	ug/kg	11/04/23	11/06/23
Nitrobenzene	ND		808	ug/kg	11/04/23	11/06/23
2-Methylphenol	ND		808	ug/kg	11/04/23	11/06/23
2-Nitroaniline	ND		808	ug/kg	11/04/23	11/06/23
2-Nitrophenol	ND		2050	ug/kg	11/04/23	11/06/23
3,3'-Dichlorobenzidine	ND		2050	ug/kg	11/04/23	11/06/23
3-Nitroaniline	ND		808	ug/kg	11/04/23	11/06/23
4,6-Dinitro-2-methylphenol	ND		2050	ug/kg	11/04/23	11/06/23
4-Bromophenyl phenyl ether	ND		808	ug/kg	11/04/23	11/06/23
4-Chloro-3-methylphenol	ND		808	ug/kg	11/04/23	11/06/23
4-Chloroaniline	ND		808	ug/kg	11/04/23	11/06/23
4-Chlorophenyl phenyl ether	ND		808	ug/kg	11/04/23	11/06/23
4-Nitroaniline	ND		808	ug/kg	11/04/23	11/06/23
4-Nitrophenol	ND		2050	ug/kg	11/04/23	11/06/23
Acenaphthene	ND		808	ug/kg	11/04/23	11/06/23
Acenaphthylene	ND		808	ug/kg	11/04/23	11/06/23
Aniline	ND		808	ug/kg	11/04/23	11/06/23
Anthracene	ND		808	ug/kg	11/04/23	11/06/23
Benzo(a)anthracene	1160		808	ug/kg	11/04/23	11/06/23
Benzo(a)pyrene	ND		808	ug/kg	11/04/23	11/06/23
Benzo(b)fluoranthene	1380		808	ug/kg	11/04/23	11/06/23
Benzo(g,h,i)perylene	ND		808	ug/kg	11/04/23	11/06/23
Benzo(k)fluoranthene	ND		808	ug/kg	11/04/23	11/06/23
Benzoic acid	ND		6210	ug/kg	11/04/23	11/06/23
Biphenyl	ND		186	ug/kg	11/04/23	11/06/23
Bis(2-chloroethoxy)methane	ND		808	ug/kg	11/04/23	11/06/23
Bis(2-chloroethyl)ether	ND		808	ug/kg	11/04/23	11/06/23
Bis(2-chloroisopropyl)ether	ND		808	ug/kg	11/04/23	11/06/23
Bis(2-ethylhexyl)phthalate	ND		2490	ug/kg	11/04/23	11/06/23
Butyl benzyl phthalate	ND		808	ug/kg	11/04/23	11/06/23
Chrysene	2420		808	ug/kg	11/04/23	11/06/23
Di-n-octyl phthalate	ND		1240	ug/kg	11/04/23	11/06/23
Dibenz(a,h)anthracene	ND		808	ug/kg	11/04/23	11/06/23
Dibenzofuran	ND		808	ug/kg	11/04/23	11/06/23

Results: Semivolatile organic compounds (Continued)

Sample: B3-S2 (Continued)

Lab Number: 3K03038-06 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		808	ug/kg	11/04/23	11/06/23
Dimethyl phthalate	ND		2050	ug/kg	11/04/23	11/06/23
Di-n-butyl phthalate	ND		1240	ug/kg	11/04/23	11/06/23
Fluoranthene	2430		808	ug/kg	11/04/23	11/06/23
Fluorene	ND		808	ug/kg	11/04/23	11/06/23
Hexachlorobenzene	ND		808	ug/kg	11/04/23	11/06/23
Hexachlorobutadiene	ND		808	ug/kg	11/04/23	11/06/23
Hexachlorocyclopentadiene	ND		2050	ug/kg	11/04/23	11/06/23
Hexachloroethane	ND		808	ug/kg	11/04/23	11/06/23
Indeno(1,2,3-cd)pyrene	ND		808	ug/kg	11/04/23	11/06/23
Isophorone	ND		808	ug/kg	11/04/23	11/06/23
Naphthalene	3540		808	ug/kg	11/04/23	11/06/23
N-Nitrosodimethylamine	ND		808	ug/kg	11/04/23	11/06/23
N-Nitrosodi-n-propylamine	ND		808	ug/kg	11/04/23	11/06/23
N-Nitrosodiphenylamine	ND		808	ug/kg	11/04/23	11/06/23
Pentachlorophenol	ND		2050	ug/kg	11/04/23	11/06/23
Phenanthrene	3010		808	ug/kg	11/04/23	11/06/23
Pyrene	2160		808	ug/kg	11/04/23	11/06/23
m&p-Cresol	ND		1620	ug/kg	11/04/23	11/06/23
Pyridine	ND		808	ug/kg	11/04/23	11/06/23
Azobenzene	ND		808	ug/kg	11/04/23	11/06/23
Total Dichlorobenzene	ND		808	ug/kg	11/04/23	11/06/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	76.2%		30-126		11/04/23	11/06/23
<i>p-Terphenyl-d14</i>	81.1%		47-130		11/04/23	11/06/23
<i>2-Fluorobiphenyl</i>	73.2%		34-130		11/04/23	11/06/23
<i>Phenol-d6</i>	55.5%		30-130		11/04/23	11/06/23
<i>2,4,6-Tribromophenol</i>	34.4%		30-130		11/04/23	11/06/23
<i>2-Fluorophenol</i>	57.6%		30-130		11/04/23	11/06/23

Results: Semivolatile organic compounds

Sample: B4-S1

Lab Number: 3K03038-07 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		733	ug/kg	11/04/23	11/06/23
1,2-Dichlorobenzene	ND		733	ug/kg	11/04/23	11/06/23
1,3-Dichlorobenzene	ND		733	ug/kg	11/04/23	11/06/23
1,4-Dichlorobenzene	ND		733	ug/kg	11/04/23	11/06/23
Phenol	ND		733	ug/kg	11/04/23	11/06/23
2,4,5-Trichlorophenol	ND		733	ug/kg	11/04/23	11/06/23
2,4,6-Trichlorophenol	ND		733	ug/kg	11/04/23	11/06/23
2,4-Dichlorophenol	ND		733	ug/kg	11/04/23	11/06/23
2,4-Dimethylphenol	ND		1860	ug/kg	11/04/23	11/06/23
2,4-Dinitrophenol	ND		1860	ug/kg	11/04/23	11/06/23
2,4-Dinitrotoluene	ND		733	ug/kg	11/04/23	11/06/23
2,6-Dinitrotoluene	ND		733	ug/kg	11/04/23	11/06/23
2-Chloronaphthalene	ND		733	ug/kg	11/04/23	11/06/23
2-Chlorophenol	ND		733	ug/kg	11/04/23	11/06/23
2-Methylnaphthalene	ND		733	ug/kg	11/04/23	11/06/23
Nitrobenzene	ND		733	ug/kg	11/04/23	11/06/23
2-Methylphenol	ND		733	ug/kg	11/04/23	11/06/23
2-Nitroaniline	ND		733	ug/kg	11/04/23	11/06/23
2-Nitrophenol	ND		1860	ug/kg	11/04/23	11/06/23
3,3'-Dichlorobenzidine	ND		1860	ug/kg	11/04/23	11/06/23
3-Nitroaniline	ND		733	ug/kg	11/04/23	11/06/23
4,6-Dinitro-2-methylphenol	ND		1860	ug/kg	11/04/23	11/06/23
4-Bromophenyl phenyl ether	ND		733	ug/kg	11/04/23	11/06/23
4-Chloro-3-methylphenol	ND		733	ug/kg	11/04/23	11/06/23
4-Chloroaniline	ND		733	ug/kg	11/04/23	11/06/23
4-Chlorophenyl phenyl ether	ND		733	ug/kg	11/04/23	11/06/23
4-Nitroaniline	ND		733	ug/kg	11/04/23	11/06/23
4-Nitrophenol	ND		1860	ug/kg	11/04/23	11/06/23
Acenaphthene	ND		733	ug/kg	11/04/23	11/06/23
Acenaphthylene	ND		733	ug/kg	11/04/23	11/06/23
Aniline	ND		733	ug/kg	11/04/23	11/06/23
Anthracene	1400		733	ug/kg	11/04/23	11/06/23
Benzo(a)anthracene	4070		733	ug/kg	11/04/23	11/06/23
Benzo(a)pyrene	3910		733	ug/kg	11/04/23	11/06/23
Benzo(b)fluoranthene	4970		733	ug/kg	11/04/23	11/06/23
Benzo(g,h,i)perylene	3090		733	ug/kg	11/04/23	11/06/23
Benzo(k)fluoranthene	1820		733	ug/kg	11/04/23	11/06/23
Benzoic acid	ND		5640	ug/kg	11/04/23	11/06/23
Biphenyl	ND		169	ug/kg	11/04/23	11/06/23
Bis(2-chloroethoxy)methane	ND		733	ug/kg	11/04/23	11/06/23
Bis(2-chloroethyl)ether	ND		733	ug/kg	11/04/23	11/06/23
Bis(2-chloroisopropyl)ether	ND		733	ug/kg	11/04/23	11/06/23
Bis(2-ethylhexyl)phthalate	ND		2260	ug/kg	11/04/23	11/06/23
Butyl benzyl phthalate	ND		733	ug/kg	11/04/23	11/06/23
Chrysene	4040		733	ug/kg	11/04/23	11/06/23
Di-n-octyl phthalate	ND		1130	ug/kg	11/04/23	11/06/23
Dibenz(a,h)anthracene	842		733	ug/kg	11/04/23	11/06/23
Dibenzofuran	ND		733	ug/kg	11/04/23	11/06/23

Results: Semivolatile organic compounds (Continued)

Sample: B4-S1 (Continued)

Lab Number: 3K03038-07 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		733	ug/kg	11/04/23	11/06/23
Dimethyl phthalate	ND		1860	ug/kg	11/04/23	11/06/23
Di-n-butyl phthalate	ND		1130	ug/kg	11/04/23	11/06/23
Fluoranthene	8950		733	ug/kg	11/04/23	11/06/23
Fluorene	ND		733	ug/kg	11/04/23	11/06/23
Hexachlorobenzene	ND		733	ug/kg	11/04/23	11/06/23
Hexachlorobutadiene	ND		733	ug/kg	11/04/23	11/06/23
Hexachlorocyclopentadiene	ND		1860	ug/kg	11/04/23	11/06/23
Hexachloroethane	ND		733	ug/kg	11/04/23	11/06/23
Indeno(1,2,3-cd)pyrene	3040		733	ug/kg	11/04/23	11/06/23
Isophorone	ND		733	ug/kg	11/04/23	11/06/23
Naphthalene	ND		733	ug/kg	11/04/23	11/06/23
N-Nitrosodimethylamine	ND		733	ug/kg	11/04/23	11/06/23
N-Nitrosodi-n-propylamine	ND		733	ug/kg	11/04/23	11/06/23
N-Nitrosodiphenylamine	ND		733	ug/kg	11/04/23	11/06/23
Pentachlorophenol	ND		1860	ug/kg	11/04/23	11/06/23
Phenanthrene	6540		733	ug/kg	11/04/23	11/06/23
Pyrene	7530		733	ug/kg	11/04/23	11/06/23
m&p-Cresol	ND		1470	ug/kg	11/04/23	11/06/23
Pyridine	ND		733	ug/kg	11/04/23	11/06/23
Azobenzene	ND		733	ug/kg	11/04/23	11/06/23
Total Dichlorobenzene	ND		733	ug/kg	11/04/23	11/06/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	70.0%		30-126		11/04/23	11/06/23
<i>p-Terphenyl-d14</i>	71.6%		47-130		11/04/23	11/06/23
<i>2-Fluorobiphenyl</i>	64.5%		34-130		11/04/23	11/06/23
<i>Phenol-d6</i>	49.6%		30-130		11/04/23	11/06/23
<i>2,4,6-Tribromophenol</i>	64.8%		30-130		11/04/23	11/06/23
<i>2-Fluorophenol</i>	50.0%		30-130		11/04/23	11/06/23

Results: Semivolatile organic compounds

Sample: B4-S2

Lab Number: 3K03038-08 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		139	ug/kg	11/07/23	11/09/23
1,2-Dichlorobenzene	ND		139	ug/kg	11/07/23	11/09/23
1,3-Dichlorobenzene	ND		139	ug/kg	11/07/23	11/09/23
1,4-Dichlorobenzene	ND		139	ug/kg	11/07/23	11/09/23
Phenol	ND		139	ug/kg	11/07/23	11/09/23
2,4,5-Trichlorophenol	ND		139	ug/kg	11/07/23	11/09/23
2,4,6-Trichlorophenol	ND		139	ug/kg	11/07/23	11/09/23
2,4-Dichlorophenol	ND		139	ug/kg	11/07/23	11/09/23
2,4-Dimethylphenol	ND		352	ug/kg	11/07/23	11/09/23
2,4-Dinitrophenol	ND		352	ug/kg	11/07/23	11/09/23
2,4-Dinitrotoluene	ND		139	ug/kg	11/07/23	11/09/23
2,6-Dinitrotoluene	ND		139	ug/kg	11/07/23	11/09/23
2-Chloronaphthalene	ND		139	ug/kg	11/07/23	11/09/23
2-Chlorophenol	ND		139	ug/kg	11/07/23	11/09/23
2-Methylnaphthalene	ND		139	ug/kg	11/07/23	11/09/23
Nitrobenzene	ND		139	ug/kg	11/07/23	11/09/23
2-Methylphenol	ND		139	ug/kg	11/07/23	11/09/23
2-Nitroaniline	ND		139	ug/kg	11/07/23	11/09/23
2-Nitrophenol	ND		352	ug/kg	11/07/23	11/09/23
3,3'-Dichlorobenzidine	ND		352	ug/kg	11/07/23	11/09/23
3-Nitroaniline	ND		139	ug/kg	11/07/23	11/09/23
4,6-Dinitro-2-methylphenol	ND		352	ug/kg	11/07/23	11/09/23
4-Bromophenyl phenyl ether	ND		139	ug/kg	11/07/23	11/09/23
4-Chloro-3-methylphenol	ND		139	ug/kg	11/07/23	11/09/23
4-Chloroaniline	ND		139	ug/kg	11/07/23	11/09/23
4-Chlorophenyl phenyl ether	ND		139	ug/kg	11/07/23	11/09/23
4-Nitroaniline	ND		139	ug/kg	11/07/23	11/09/23
4-Nitrophenol	ND		352	ug/kg	11/07/23	11/09/23
Acenaphthene	ND		139	ug/kg	11/07/23	11/09/23
Acenaphthylene	ND		139	ug/kg	11/07/23	11/09/23
Aniline	ND		139	ug/kg	11/07/23	11/09/23
Anthracene	ND		139	ug/kg	11/07/23	11/09/23
Benzo(a)anthracene	291		139	ug/kg	11/07/23	11/09/23
Benzo(a)pyrene	343		139	ug/kg	11/07/23	11/09/23
Benzo(b)fluoranthene	443		139	ug/kg	11/07/23	11/09/23
Benzo(g,h,i)perylene	232		139	ug/kg	11/07/23	11/09/23
Benzo(k)fluoranthene	160		139	ug/kg	11/07/23	11/09/23
Benzoic acid	ND		1070	ug/kg	11/07/23	11/09/23
Biphenyl	ND		32	ug/kg	11/07/23	11/09/23
Bis(2-chloroethoxy)methane	ND		139	ug/kg	11/07/23	11/09/23
Bis(2-chloroethyl)ether	ND		139	ug/kg	11/07/23	11/09/23
Bis(2-chloroisopropyl)ether	ND		139	ug/kg	11/07/23	11/09/23
Bis(2-ethylhexyl)phthalate	ND		426	ug/kg	11/07/23	11/09/23
Butyl benzyl phthalate	ND		139	ug/kg	11/07/23	11/09/23
Chrysene	333		139	ug/kg	11/07/23	11/09/23
Di-n-octyl phthalate	ND		213	ug/kg	11/07/23	11/09/23
Dibenz(a,h)anthracene	ND		139	ug/kg	11/07/23	11/09/23
Dibenzofuran	ND		139	ug/kg	11/07/23	11/09/23

Results: Semivolatile organic compounds (Continued)

Sample: B4-S2 (Continued)

Lab Number: 3K03038-08 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		139	ug/kg	11/07/23	11/09/23
Dimethyl phthalate	ND		352	ug/kg	11/07/23	11/09/23
Di-n-butyl phthalate	ND		213	ug/kg	11/07/23	11/09/23
Fluoranthene	588		139	ug/kg	11/07/23	11/09/23
Fluorene	ND		139	ug/kg	11/07/23	11/09/23
Hexachlorobenzene	ND		139	ug/kg	11/07/23	11/09/23
Hexachlorobutadiene	ND		139	ug/kg	11/07/23	11/09/23
Hexachlorocyclopentadiene	ND		352	ug/kg	11/07/23	11/09/23
Hexachloroethane	ND		139	ug/kg	11/07/23	11/09/23
Indeno(1,2,3-cd)pyrene	224		139	ug/kg	11/07/23	11/09/23
Isophorone	ND		139	ug/kg	11/07/23	11/09/23
Naphthalene	ND		139	ug/kg	11/07/23	11/09/23
N-Nitrosodimethylamine	ND		139	ug/kg	11/07/23	11/09/23
N-Nitrosodi-n-propylamine	ND		139	ug/kg	11/07/23	11/09/23
N-Nitrosodiphenylamine	ND		139	ug/kg	11/07/23	11/09/23
Pentachlorophenol	ND		352	ug/kg	11/07/23	11/09/23
Phenanthrene	276		139	ug/kg	11/07/23	11/09/23
Pyrene	556		139	ug/kg	11/07/23	11/09/23
m&p-Cresol	ND		277	ug/kg	11/07/23	11/09/23
Pyridine	ND		139	ug/kg	11/07/23	11/09/23
Azobenzene	ND		139	ug/kg	11/07/23	11/09/23
Total Dichlorobenzene	ND		139	ug/kg	11/07/23	11/09/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	117%		30-126		11/07/23	11/09/23
<i>p-Terphenyl-d14</i>	126%		47-135		11/07/23	11/09/23
<i>2-Fluorobiphenyl</i>	104%		34-130		11/07/23	11/09/23
<i>Phenol-d6</i>	89.4%		30-130		11/07/23	11/09/23
<i>2,4,6-Tribromophenol</i>	136%		30-130		11/07/23	11/09/23
<i>2-Fluorophenol</i>	91.1%		30-130		11/07/23	11/09/23

Results: Semivolatile organic compounds

Sample: B5-S1

Lab Number: 3K03038-09 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		708	ug/kg	11/07/23	11/09/23
1,2-Dichlorobenzene	ND		708	ug/kg	11/07/23	11/09/23
1,3-Dichlorobenzene	ND		708	ug/kg	11/07/23	11/09/23
1,4-Dichlorobenzene	ND		708	ug/kg	11/07/23	11/09/23
Phenol	ND		708	ug/kg	11/07/23	11/09/23
2,4,5-Trichlorophenol	ND		708	ug/kg	11/07/23	11/09/23
2,4,6-Trichlorophenol	ND		708	ug/kg	11/07/23	11/09/23
2,4-Dichlorophenol	ND		708	ug/kg	11/07/23	11/09/23
2,4-Dimethylphenol	ND		1800	ug/kg	11/07/23	11/09/23
2,4-Dinitrophenol	ND		1800	ug/kg	11/07/23	11/09/23
2,4-Dinitrotoluene	ND		708	ug/kg	11/07/23	11/09/23
2,6-Dinitrotoluene	ND		708	ug/kg	11/07/23	11/09/23
2-Chloronaphthalene	ND		708	ug/kg	11/07/23	11/09/23
2-Chlorophenol	ND		708	ug/kg	11/07/23	11/09/23
2-Methylnaphthalene	ND		708	ug/kg	11/07/23	11/09/23
Nitrobenzene	ND		708	ug/kg	11/07/23	11/09/23
2-Methylphenol	ND		708	ug/kg	11/07/23	11/09/23
2-Nitroaniline	ND		708	ug/kg	11/07/23	11/09/23
2-Nitrophenol	ND		1800	ug/kg	11/07/23	11/09/23
3,3'-Dichlorobenzidine	ND		1800	ug/kg	11/07/23	11/09/23
3-Nitroaniline	ND		708	ug/kg	11/07/23	11/09/23
4,6-Dinitro-2-methylphenol	ND		1800	ug/kg	11/07/23	11/09/23
4-Bromophenyl phenyl ether	ND		708	ug/kg	11/07/23	11/09/23
4-Chloro-3-methylphenol	ND		708	ug/kg	11/07/23	11/09/23
4-Chloroaniline	ND		708	ug/kg	11/07/23	11/09/23
4-Chlorophenyl phenyl ether	ND		708	ug/kg	11/07/23	11/09/23
4-Nitroaniline	ND		708	ug/kg	11/07/23	11/09/23
4-Nitrophenol	ND		1800	ug/kg	11/07/23	11/09/23
Acenaphthene	ND		708	ug/kg	11/07/23	11/09/23
Acenaphthylene	ND		708	ug/kg	11/07/23	11/09/23
Aniline	ND		708	ug/kg	11/07/23	11/09/23
Anthracene	ND		708	ug/kg	11/07/23	11/09/23
Benzo(a)anthracene	1870		708	ug/kg	11/07/23	11/09/23
Benzo(a)pyrene	1440		708	ug/kg	11/07/23	11/09/23
Benzo(b)fluoranthene	1880		708	ug/kg	11/07/23	11/09/23
Benzo(g,h,i)perylene	1110		708	ug/kg	11/07/23	11/09/23
Benzo(k)fluoranthene	ND		708	ug/kg	11/07/23	11/09/23
Benzoic acid	ND		5440	ug/kg	11/07/23	11/09/23
Biphenyl	ND		163	ug/kg	11/07/23	11/09/23
Bis(2-chloroethoxy)methane	ND		708	ug/kg	11/07/23	11/09/23
Bis(2-chloroethyl)ether	ND		708	ug/kg	11/07/23	11/09/23
Bis(2-chloroisopropyl)ether	ND		708	ug/kg	11/07/23	11/09/23
Bis(2-ethylhexyl)phthalate	ND		2180	ug/kg	11/07/23	11/09/23
Butyl benzyl phthalate	ND		708	ug/kg	11/07/23	11/09/23
Chrysene	2030		708	ug/kg	11/07/23	11/09/23
Di-n-octyl phthalate	ND		1090	ug/kg	11/07/23	11/09/23
Dibenz(a,h)anthracene	ND		708	ug/kg	11/07/23	11/09/23
Dibenzofuran	ND		708	ug/kg	11/07/23	11/09/23

Results: Semivolatile organic compounds (Continued)

Sample: B5-S1 (Continued)

Lab Number: 3K03038-09 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		708	ug/kg	11/07/23	11/09/23
Dimethyl phthalate	ND		1800	ug/kg	11/07/23	11/09/23
Di-n-butyl phthalate	ND		1090	ug/kg	11/07/23	11/09/23
Fluoranthene	3520		708	ug/kg	11/07/23	11/09/23
Fluorene	ND		708	ug/kg	11/07/23	11/09/23
Hexachlorobenzene	ND		708	ug/kg	11/07/23	11/09/23
Hexachlorobutadiene	ND		708	ug/kg	11/07/23	11/09/23
Hexachlorocyclopentadiene	ND		1800	ug/kg	11/07/23	11/09/23
Hexachloroethane	ND		708	ug/kg	11/07/23	11/09/23
Indeno(1,2,3-cd)pyrene	1050		708	ug/kg	11/07/23	11/09/23
Isophorone	ND		708	ug/kg	11/07/23	11/09/23
Naphthalene	ND		708	ug/kg	11/07/23	11/09/23
N-Nitrosodimethylamine	ND		708	ug/kg	11/07/23	11/09/23
N-Nitrosodi-n-propylamine	ND		708	ug/kg	11/07/23	11/09/23
N-Nitrosodiphenylamine	ND		708	ug/kg	11/07/23	11/09/23
Pentachlorophenol	ND		1800	ug/kg	11/07/23	11/09/23
Phenanthrene	3970		708	ug/kg	11/07/23	11/09/23
Pyrene	4440		708	ug/kg	11/07/23	11/09/23
m&p-Cresol	ND		1420	ug/kg	11/07/23	11/09/23
Pyridine	ND		708	ug/kg	11/07/23	11/09/23
Azobenzene	ND		708	ug/kg	11/07/23	11/09/23
Total Dichlorobenzene	ND		708	ug/kg	11/07/23	11/09/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	104%		30-126		11/07/23	11/09/23
<i>p-Terphenyl-d14</i>	114%		47-135		11/07/23	11/09/23
<i>2-Fluorobiphenyl</i>	94.2%		34-130		11/07/23	11/09/23
<i>Phenol-d6</i>	73.7%		30-130		11/07/23	11/09/23
<i>2,4,6-Tribromophenol</i>	111%		30-130		11/07/23	11/09/23
<i>2-Fluorophenol</i>	72.4%		30-130		11/07/23	11/09/23

Results: Semivolatile organic compounds

Sample: B5-S2

Lab Number: 3K03038-10 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		1610	ug/kg	11/07/23	11/09/23
1,2-Dichlorobenzene	ND		1610	ug/kg	11/07/23	11/09/23
1,3-Dichlorobenzene	ND		1610	ug/kg	11/07/23	11/09/23
1,4-Dichlorobenzene	ND		1610	ug/kg	11/07/23	11/09/23
Phenol	ND		1610	ug/kg	11/07/23	11/09/23
2,4,5-Trichlorophenol	ND		1610	ug/kg	11/07/23	11/09/23
2,4,6-Trichlorophenol	ND		1610	ug/kg	11/07/23	11/09/23
2,4-Dichlorophenol	ND		1610	ug/kg	11/07/23	11/09/23
2,4-Dimethylphenol	ND		4080	ug/kg	11/07/23	11/09/23
2,4-Dinitrophenol	ND		4080	ug/kg	11/07/23	11/09/23
2,4-Dinitrotoluene	ND		1610	ug/kg	11/07/23	11/09/23
2,6-Dinitrotoluene	ND		1610	ug/kg	11/07/23	11/09/23
2-Chloronaphthalene	ND		1610	ug/kg	11/07/23	11/09/23
2-Chlorophenol	ND		1610	ug/kg	11/07/23	11/09/23
2-Methylnaphthalene	ND		1610	ug/kg	11/07/23	11/09/23
Nitrobenzene	ND		1610	ug/kg	11/07/23	11/09/23
2-Methylphenol	ND		1610	ug/kg	11/07/23	11/09/23
2-Nitroaniline	ND		1610	ug/kg	11/07/23	11/09/23
2-Nitrophenol	ND		4080	ug/kg	11/07/23	11/09/23
3,3'-Dichlorobenzidine	ND		4080	ug/kg	11/07/23	11/09/23
3-Nitroaniline	ND		1610	ug/kg	11/07/23	11/09/23
4,6-Dinitro-2-methylphenol	ND		4080	ug/kg	11/07/23	11/09/23
4-Bromophenyl phenyl ether	ND		1610	ug/kg	11/07/23	11/09/23
4-Chloro-3-methylphenol	ND		1610	ug/kg	11/07/23	11/09/23
4-Chloroaniline	ND		1610	ug/kg	11/07/23	11/09/23
4-Chlorophenyl phenyl ether	ND		1610	ug/kg	11/07/23	11/09/23
4-Nitroaniline	ND		1610	ug/kg	11/07/23	11/09/23
4-Nitrophenol	ND		4080	ug/kg	11/07/23	11/09/23
Acenaphthene	ND		1610	ug/kg	11/07/23	11/09/23
Acenaphthylene	ND		1610	ug/kg	11/07/23	11/09/23
Aniline	ND		1610	ug/kg	11/07/23	11/09/23
Anthracene	ND		1610	ug/kg	11/07/23	11/09/23
Benzo(a)anthracene	ND		1610	ug/kg	11/07/23	11/09/23
Benzo(a)pyrene	ND		1610	ug/kg	11/07/23	11/09/23
Benzo(b)fluoranthene	ND		1610	ug/kg	11/07/23	11/09/23
Benzo(g,h,i)perylene	ND		1610	ug/kg	11/07/23	11/09/23
Benzo(k)fluoranthene	ND		1610	ug/kg	11/07/23	11/09/23
Benzoic acid	ND		12400	ug/kg	11/07/23	11/09/23
Biphenyl	ND		371	ug/kg	11/07/23	11/09/23
Bis(2-chloroethoxy)methane	ND		1610	ug/kg	11/07/23	11/09/23
Bis(2-chloroethyl)ether	ND		1610	ug/kg	11/07/23	11/09/23
Bis(2-chloroisopropyl)ether	ND		1610	ug/kg	11/07/23	11/09/23
Bis(2-ethylhexyl)phthalate	ND		4950	ug/kg	11/07/23	11/09/23
Butyl benzyl phthalate	ND		1610	ug/kg	11/07/23	11/09/23
Chrysene	ND		1610	ug/kg	11/07/23	11/09/23
Di-n-octyl phthalate	ND		2470	ug/kg	11/07/23	11/09/23
Dibenz(a,h)anthracene	ND		1610	ug/kg	11/07/23	11/09/23
Dibenzofuran	ND		1610	ug/kg	11/07/23	11/09/23

Results: Semivolatile organic compounds (Continued)

Sample: B5-S2 (Continued)

Lab Number: 3K03038-10 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		1610	ug/kg	11/07/23	11/09/23
Dimethyl phthalate	ND		4080	ug/kg	11/07/23	11/09/23
Di-n-butyl phthalate	ND		2470	ug/kg	11/07/23	11/09/23
Fluoranthene	2310		1610	ug/kg	11/07/23	11/09/23
Fluorene	ND		1610	ug/kg	11/07/23	11/09/23
Hexachlorobenzene	ND		1610	ug/kg	11/07/23	11/09/23
Hexachlorobutadiene	ND		1610	ug/kg	11/07/23	11/09/23
Hexachlorocyclopentadiene	ND		4080	ug/kg	11/07/23	11/09/23
Hexachloroethane	ND		1610	ug/kg	11/07/23	11/09/23
Indeno(1,2,3-cd)pyrene	ND		1610	ug/kg	11/07/23	11/09/23
Isophorone	ND		1610	ug/kg	11/07/23	11/09/23
Naphthalene	ND		1610	ug/kg	11/07/23	11/09/23
N-Nitrosodimethylamine	ND		1610	ug/kg	11/07/23	11/09/23
N-Nitrosodi-n-propylamine	ND		1610	ug/kg	11/07/23	11/09/23
N-Nitrosodiphenylamine	ND		1610	ug/kg	11/07/23	11/09/23
Pentachlorophenol	ND		4080	ug/kg	11/07/23	11/09/23
Phenanthrene	2090		1610	ug/kg	11/07/23	11/09/23
Pyrene	2180		1610	ug/kg	11/07/23	11/09/23
m&p-Cresol	ND		3220	ug/kg	11/07/23	11/09/23
Pyridine	ND		1610	ug/kg	11/07/23	11/09/23
Azobenzene	ND		1610	ug/kg	11/07/23	11/09/23
Total Dichlorobenzene	ND		1610	ug/kg	11/07/23	11/09/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	50.4%		30-126		11/07/23	11/09/23
<i>p-Terphenyl-d14</i>	68.3%		47-135		11/07/23	11/09/23
<i>2-Fluorobiphenyl</i>	53.6%		34-130		11/07/23	11/09/23
<i>Phenol-d6</i>	37.0%		30-130		11/07/23	11/09/23
<i>2,4,6-Tribromophenol</i>	61.2%		30-130		11/07/23	11/09/23
<i>2-Fluorophenol</i>	44.3%		30-130		11/07/23	11/09/23

Results: Semivolatile organic compounds

Sample: B6-S1

Lab Number: 3K03038-11 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		723	ug/kg	11/07/23	11/09/23
1,2-Dichlorobenzene	ND		723	ug/kg	11/07/23	11/09/23
1,3-Dichlorobenzene	ND		723	ug/kg	11/07/23	11/09/23
1,4-Dichlorobenzene	ND		723	ug/kg	11/07/23	11/09/23
Phenol	ND		723	ug/kg	11/07/23	11/09/23
2,4,5-Trichlorophenol	ND		723	ug/kg	11/07/23	11/09/23
2,4,6-Trichlorophenol	ND		723	ug/kg	11/07/23	11/09/23
2,4-Dichlorophenol	ND		723	ug/kg	11/07/23	11/09/23
2,4-Dimethylphenol	ND		1830	ug/kg	11/07/23	11/09/23
2,4-Dinitrophenol	ND		1830	ug/kg	11/07/23	11/09/23
2,4-Dinitrotoluene	ND		723	ug/kg	11/07/23	11/09/23
2,6-Dinitrotoluene	ND		723	ug/kg	11/07/23	11/09/23
2-Chloronaphthalene	ND		723	ug/kg	11/07/23	11/09/23
2-Chlorophenol	ND		723	ug/kg	11/07/23	11/09/23
2-Methylnaphthalene	ND		723	ug/kg	11/07/23	11/09/23
Nitrobenzene	ND		723	ug/kg	11/07/23	11/09/23
2-Methylphenol	ND		723	ug/kg	11/07/23	11/09/23
2-Nitroaniline	ND		723	ug/kg	11/07/23	11/09/23
2-Nitrophenol	ND		1830	ug/kg	11/07/23	11/09/23
3,3'-Dichlorobenzidine	ND		1830	ug/kg	11/07/23	11/09/23
3-Nitroaniline	ND		723	ug/kg	11/07/23	11/09/23
4,6-Dinitro-2-methylphenol	ND		1830	ug/kg	11/07/23	11/09/23
4-Bromophenyl phenyl ether	ND		723	ug/kg	11/07/23	11/09/23
4-Chloro-3-methylphenol	ND		723	ug/kg	11/07/23	11/09/23
4-Chloroaniline	ND		723	ug/kg	11/07/23	11/09/23
4-Chlorophenyl phenyl ether	ND		723	ug/kg	11/07/23	11/09/23
4-Nitroaniline	ND		723	ug/kg	11/07/23	11/09/23
4-Nitrophenol	ND		1830	ug/kg	11/07/23	11/09/23
Acenaphthene	ND		723	ug/kg	11/07/23	11/09/23
Acenaphthylene	ND		723	ug/kg	11/07/23	11/09/23
Aniline	ND		723	ug/kg	11/07/23	11/09/23
Anthracene	ND		723	ug/kg	11/07/23	11/09/23
Benzo(a)anthracene	1320		723	ug/kg	11/07/23	11/09/23
Benzo(a)pyrene	1380		723	ug/kg	11/07/23	11/09/23
Benzo(b)fluoranthene	1880		723	ug/kg	11/07/23	11/09/23
Benzo(g,h,i)perylene	1250		723	ug/kg	11/07/23	11/09/23
Benzo(k)fluoranthene	ND		723	ug/kg	11/07/23	11/09/23
Benzoic acid	ND		5560	ug/kg	11/07/23	11/09/23
Biphenyl	ND		167	ug/kg	11/07/23	11/09/23
Bis(2-chloroethoxy)methane	ND		723	ug/kg	11/07/23	11/09/23
Bis(2-chloroethyl)ether	ND		723	ug/kg	11/07/23	11/09/23
Bis(2-chloroisopropyl)ether	ND		723	ug/kg	11/07/23	11/09/23
Bis(2-ethylhexyl)phthalate	ND		2220	ug/kg	11/07/23	11/09/23
Butyl benzyl phthalate	ND		723	ug/kg	11/07/23	11/09/23
Chrysene	1340		723	ug/kg	11/07/23	11/09/23
Di-n-octyl phthalate	ND		1110	ug/kg	11/07/23	11/09/23
Dibenz(a,h)anthracene	ND		723	ug/kg	11/07/23	11/09/23
Dibenzofuran	ND		723	ug/kg	11/07/23	11/09/23

Results: Semivolatile organic compounds (Continued)

Sample: B6-S1 (Continued)

Lab Number: 3K03038-11 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		723	ug/kg	11/07/23	11/09/23
Dimethyl phthalate	ND		1830	ug/kg	11/07/23	11/09/23
Di-n-butyl phthalate	ND		1110	ug/kg	11/07/23	11/09/23
Fluoranthene	2520		723	ug/kg	11/07/23	11/09/23
Fluorene	ND		723	ug/kg	11/07/23	11/09/23
Hexachlorobenzene	ND		723	ug/kg	11/07/23	11/09/23
Hexachlorobutadiene	ND		723	ug/kg	11/07/23	11/09/23
Hexachlorocyclopentadiene	ND		1830	ug/kg	11/07/23	11/09/23
Hexachloroethane	ND		723	ug/kg	11/07/23	11/09/23
Indeno(1,2,3-cd)pyrene	1160		723	ug/kg	11/07/23	11/09/23
Isophorone	ND		723	ug/kg	11/07/23	11/09/23
Naphthalene	ND		723	ug/kg	11/07/23	11/09/23
N-Nitrosodimethylamine	ND		723	ug/kg	11/07/23	11/09/23
N-Nitrosodi-n-propylamine	ND		723	ug/kg	11/07/23	11/09/23
N-Nitrosodiphenylamine	ND		723	ug/kg	11/07/23	11/09/23
Pentachlorophenol	ND		1830	ug/kg	11/07/23	11/09/23
Phenanthrene	1290		723	ug/kg	11/07/23	11/09/23
Pyrene	2560		723	ug/kg	11/07/23	11/09/23
m&p-Cresol	ND		1450	ug/kg	11/07/23	11/09/23
Pyridine	ND		723	ug/kg	11/07/23	11/09/23
Azobenzene	ND		723	ug/kg	11/07/23	11/09/23
Total Dichlorobenzene	ND		723	ug/kg	11/07/23	11/09/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	102%		30-126		11/07/23	11/09/23
<i>p-Terphenyl-d14</i>	133%		47-135		11/07/23	11/09/23
<i>2-Fluorobiphenyl</i>	104%		34-130		11/07/23	11/09/23
<i>Phenol-d6</i>	76.7%		30-130		11/07/23	11/09/23
<i>2,4,6-Tribromophenol</i>	126%		30-130		11/07/23	11/09/23
<i>2-Fluorophenol</i>	71.0%		30-130		11/07/23	11/09/23

Results: Semivolatile organic compounds

Sample: B6-S2

Lab Number: 3K03038-12 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		792	ug/kg	11/07/23	11/09/23
1,2-Dichlorobenzene	ND		792	ug/kg	11/07/23	11/09/23
1,3-Dichlorobenzene	ND		792	ug/kg	11/07/23	11/09/23
1,4-Dichlorobenzene	ND		792	ug/kg	11/07/23	11/09/23
Phenol	ND		792	ug/kg	11/07/23	11/09/23
2,4,5-Trichlorophenol	ND		792	ug/kg	11/07/23	11/09/23
2,4,6-Trichlorophenol	ND		792	ug/kg	11/07/23	11/09/23
2,4-Dichlorophenol	ND		792	ug/kg	11/07/23	11/09/23
2,4-Dimethylphenol	ND		2010	ug/kg	11/07/23	11/09/23
2,4-Dinitrophenol	ND		2010	ug/kg	11/07/23	11/09/23
2,4-Dinitrotoluene	ND		792	ug/kg	11/07/23	11/09/23
2,6-Dinitrotoluene	ND		792	ug/kg	11/07/23	11/09/23
2-Chloronaphthalene	ND		792	ug/kg	11/07/23	11/09/23
2-Chlorophenol	ND		792	ug/kg	11/07/23	11/09/23
2-Methylnaphthalene	ND		792	ug/kg	11/07/23	11/09/23
Nitrobenzene	ND		792	ug/kg	11/07/23	11/09/23
2-Methylphenol	ND		792	ug/kg	11/07/23	11/09/23
2-Nitroaniline	ND		792	ug/kg	11/07/23	11/09/23
2-Nitrophenol	ND		2010	ug/kg	11/07/23	11/09/23
3,3'-Dichlorobenzidine	ND		2010	ug/kg	11/07/23	11/09/23
3-Nitroaniline	ND		792	ug/kg	11/07/23	11/09/23
4,6-Dinitro-2-methylphenol	ND		2010	ug/kg	11/07/23	11/09/23
4-Bromophenyl phenyl ether	ND		792	ug/kg	11/07/23	11/09/23
4-Chloro-3-methylphenol	ND		792	ug/kg	11/07/23	11/09/23
4-Chloroaniline	ND		792	ug/kg	11/07/23	11/09/23
4-Chlorophenyl phenyl ether	ND		792	ug/kg	11/07/23	11/09/23
4-Nitroaniline	ND		792	ug/kg	11/07/23	11/09/23
4-Nitrophenol	ND		2010	ug/kg	11/07/23	11/09/23
Acenaphthene	ND		792	ug/kg	11/07/23	11/09/23
Acenaphthylene	ND		792	ug/kg	11/07/23	11/09/23
Aniline	ND		792	ug/kg	11/07/23	11/09/23
Anthracene	ND		792	ug/kg	11/07/23	11/09/23
Benzo(a)anthracene	ND		792	ug/kg	11/07/23	11/09/23
Benzo(a)pyrene	ND		792	ug/kg	11/07/23	11/09/23
Benzo(b)fluoranthene	ND		792	ug/kg	11/07/23	11/09/23
Benzo(g,h,i)perylene	ND		792	ug/kg	11/07/23	11/09/23
Benzo(k)fluoranthene	ND		792	ug/kg	11/07/23	11/09/23
Benzoic acid	ND		6090	ug/kg	11/07/23	11/09/23
Biphenyl	ND		183	ug/kg	11/07/23	11/09/23
Bis(2-chloroethoxy)methane	ND		792	ug/kg	11/07/23	11/09/23
Bis(2-chloroethyl)ether	ND		792	ug/kg	11/07/23	11/09/23
Bis(2-chloroisopropyl)ether	ND		792	ug/kg	11/07/23	11/09/23
Bis(2-ethylhexyl)phthalate	ND		2440	ug/kg	11/07/23	11/09/23
Butyl benzyl phthalate	ND		792	ug/kg	11/07/23	11/09/23
Chrysene	ND		792	ug/kg	11/07/23	11/09/23
Di-n-octyl phthalate	ND		1220	ug/kg	11/07/23	11/09/23
Dibenz(a,h)anthracene	ND		792	ug/kg	11/07/23	11/09/23
Dibenzofuran	ND		792	ug/kg	11/07/23	11/09/23

Results: Semivolatile organic compounds (Continued)

Sample: B6-S2 (Continued)

Lab Number: 3K03038-12 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		792	ug/kg	11/07/23	11/09/23
Dimethyl phthalate	ND		2010	ug/kg	11/07/23	11/09/23
Di-n-butyl phthalate	ND		1220	ug/kg	11/07/23	11/09/23
Fluoranthene	ND		792	ug/kg	11/07/23	11/09/23
Fluorene	ND		792	ug/kg	11/07/23	11/09/23
Hexachlorobenzene	ND		792	ug/kg	11/07/23	11/09/23
Hexachlorobutadiene	ND		792	ug/kg	11/07/23	11/09/23
Hexachlorocyclopentadiene	ND		2010	ug/kg	11/07/23	11/09/23
Hexachloroethane	ND		792	ug/kg	11/07/23	11/09/23
Indeno(1,2,3-cd)pyrene	ND		792	ug/kg	11/07/23	11/09/23
Isophorone	ND		792	ug/kg	11/07/23	11/09/23
Naphthalene	ND		792	ug/kg	11/07/23	11/09/23
N-Nitrosodimethylamine	ND		792	ug/kg	11/07/23	11/09/23
N-Nitrosodi-n-propylamine	ND		792	ug/kg	11/07/23	11/09/23
N-Nitrosodiphenylamine	ND		792	ug/kg	11/07/23	11/09/23
Pentachlorophenol	ND		2010	ug/kg	11/07/23	11/09/23
Phenanthrene	ND		792	ug/kg	11/07/23	11/09/23
Pyrene	ND		792	ug/kg	11/07/23	11/09/23
m&p-Cresol	ND		1580	ug/kg	11/07/23	11/09/23
Pyridine	ND		792	ug/kg	11/07/23	11/09/23
Azobenzene	ND		792	ug/kg	11/07/23	11/09/23
Total Dichlorobenzene	ND		792	ug/kg	11/07/23	11/09/23

Surrogate(s)	Recovery%	Limits	Date Prepared	Date Analyzed
<i>Nitrobenzene-d5</i>	83.9%	30-126	11/07/23	11/09/23
<i>p-Terphenyl-d14</i>	132%	47-135	11/07/23	11/09/23
<i>2-Fluorobiphenyl</i>	102%	34-130	11/07/23	11/09/23
<i>Phenol-d6</i>	72.0%	30-130	11/07/23	11/09/23
<i>2,4,6-Tribromophenol</i>	124%	30-130	11/07/23	11/09/23
<i>2-Fluorophenol</i>	73.7%	30-130	11/07/23	11/09/23

Results: Semivolatile organic compounds

Sample: B7-S1

Lab Number: 3K03038-13 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		1480	ug/kg	11/07/23	11/09/23
1,2-Dichlorobenzene	ND		1480	ug/kg	11/07/23	11/09/23
1,3-Dichlorobenzene	ND		1480	ug/kg	11/07/23	11/09/23
1,4-Dichlorobenzene	ND		1480	ug/kg	11/07/23	11/09/23
Phenol	ND		1480	ug/kg	11/07/23	11/09/23
2,4,5-Trichlorophenol	ND		1480	ug/kg	11/07/23	11/09/23
2,4,6-Trichlorophenol	ND		1480	ug/kg	11/07/23	11/09/23
2,4-Dichlorophenol	ND		1480	ug/kg	11/07/23	11/09/23
2,4-Dimethylphenol	ND		3750	ug/kg	11/07/23	11/09/23
2,4-Dinitrophenol	ND		3750	ug/kg	11/07/23	11/09/23
2,4-Dinitrotoluene	ND		1480	ug/kg	11/07/23	11/09/23
2,6-Dinitrotoluene	ND		1480	ug/kg	11/07/23	11/09/23
2-Chloronaphthalene	ND		1480	ug/kg	11/07/23	11/09/23
2-Chlorophenol	ND		1480	ug/kg	11/07/23	11/09/23
2-Methylnaphthalene	ND		1480	ug/kg	11/07/23	11/09/23
Nitrobenzene	ND		1480	ug/kg	11/07/23	11/09/23
2-Methylphenol	ND		1480	ug/kg	11/07/23	11/09/23
2-Nitroaniline	ND		1480	ug/kg	11/07/23	11/09/23
2-Nitrophenol	ND		3750	ug/kg	11/07/23	11/09/23
3,3'-Dichlorobenzidine	ND		3750	ug/kg	11/07/23	11/09/23
3-Nitroaniline	ND		1480	ug/kg	11/07/23	11/09/23
4,6-Dinitro-2-methylphenol	ND		3750	ug/kg	11/07/23	11/09/23
4-Bromophenyl phenyl ether	ND		1480	ug/kg	11/07/23	11/09/23
4-Chloro-3-methylphenol	ND		1480	ug/kg	11/07/23	11/09/23
4-Chloroaniline	ND		1480	ug/kg	11/07/23	11/09/23
4-Chlorophenyl phenyl ether	ND		1480	ug/kg	11/07/23	11/09/23
4-Nitroaniline	ND		1480	ug/kg	11/07/23	11/09/23
4-Nitrophenol	ND		3750	ug/kg	11/07/23	11/09/23
Acenaphthene	1570		1480	ug/kg	11/07/23	11/09/23
Acenaphthylene	ND		1480	ug/kg	11/07/23	11/09/23
Aniline	ND		1480	ug/kg	11/07/23	11/09/23
Anthracene	8000		1480	ug/kg	11/07/23	11/09/23
Benzo(a)anthracene	9660		1480	ug/kg	11/07/23	11/09/23
Benzo(a)pyrene	8220		1480	ug/kg	11/07/23	11/09/23
Benzo(b)fluoranthene	10500		1480	ug/kg	11/07/23	11/09/23
Benzo(g,h,i)perylene	5810		1480	ug/kg	11/07/23	11/09/23
Benzo(k)fluoranthene	3880		1480	ug/kg	11/07/23	11/09/23
Benzoic acid	ND		11400	ug/kg	11/07/23	11/09/23
Biphenyl	ND		341	ug/kg	11/07/23	11/09/23
Bis(2-chloroethoxy)methane	ND		1480	ug/kg	11/07/23	11/09/23
Bis(2-chloroethyl)ether	ND		1480	ug/kg	11/07/23	11/09/23
Bis(2-chloroisopropyl)ether	ND		1480	ug/kg	11/07/23	11/09/23
Bis(2-ethylhexyl)phthalate	5300		4540	ug/kg	11/07/23	11/09/23
Butyl benzyl phthalate	ND		1480	ug/kg	11/07/23	11/09/23
Chrysene	9690		1480	ug/kg	11/07/23	11/09/23
Di-n-octyl phthalate	ND		2270	ug/kg	11/07/23	11/09/23
Dibenz(a,h)anthracene	ND		1480	ug/kg	11/07/23	11/09/23
Dibenzofuran	2180		1480	ug/kg	11/07/23	11/09/23

Results: Semivolatile organic compounds (Continued)

Sample: B7-S1 (Continued)

Lab Number: 3K03038-13 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		1480	ug/kg	11/07/23	11/09/23
Dimethyl phthalate	ND		3750	ug/kg	11/07/23	11/09/23
Di-n-butyl phthalate	ND		2270	ug/kg	11/07/23	11/09/23
Fluoranthene	25100		1480	ug/kg	11/07/23	11/09/23
Fluorene	2960		1480	ug/kg	11/07/23	11/09/23
Hexachlorobenzene	ND		1480	ug/kg	11/07/23	11/09/23
Hexachlorobutadiene	ND		1480	ug/kg	11/07/23	11/09/23
Hexachlorocyclopentadiene	ND		3750	ug/kg	11/07/23	11/09/23
Hexachloroethane	ND		1480	ug/kg	11/07/23	11/09/23
Indeno(1,2,3-cd)pyrene	5860		1480	ug/kg	11/07/23	11/09/23
Isophorone	ND		1480	ug/kg	11/07/23	11/09/23
Naphthalene	ND		1480	ug/kg	11/07/23	11/09/23
N-Nitrosodimethylamine	ND		1480	ug/kg	11/07/23	11/09/23
N-Nitrosodi-n-propylamine	ND		1480	ug/kg	11/07/23	11/09/23
N-Nitrosodiphenylamine	ND		1480	ug/kg	11/07/23	11/09/23
Pentachlorophenol	ND		3750	ug/kg	11/07/23	11/09/23
Phenanthrene	26100		1480	ug/kg	11/07/23	11/09/23
Pyrene	20600		1480	ug/kg	11/07/23	11/09/23
m&p-Cresol	ND		2950	ug/kg	11/07/23	11/09/23
Pyridine	ND		1480	ug/kg	11/07/23	11/09/23
Azobenzene	ND		1480	ug/kg	11/07/23	11/09/23
Total Dichlorobenzene	ND		1480	ug/kg	11/07/23	11/09/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	109%		30-126		11/07/23	11/09/23
<i>p-Terphenyl-d14</i>	132%		47-135		11/07/23	11/09/23
<i>2-Fluorobiphenyl</i>	103%		34-130		11/07/23	11/09/23
<i>Phenol-d6</i>	79.0%		30-130		11/07/23	11/09/23
<i>2,4,6-Tribromophenol</i>	133%		30-130		11/07/23	11/09/23
<i>2-Fluorophenol</i>	73.6%		30-130		11/07/23	11/09/23

Results: Semivolatile organic compounds

Sample: B7-S2

Lab Number: 3K03038-14 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		722	ug/kg	11/07/23	11/09/23
1,2-Dichlorobenzene	ND		722	ug/kg	11/07/23	11/09/23
1,3-Dichlorobenzene	ND		722	ug/kg	11/07/23	11/09/23
1,4-Dichlorobenzene	ND		722	ug/kg	11/07/23	11/09/23
Phenol	ND		722	ug/kg	11/07/23	11/09/23
2,4,5-Trichlorophenol	ND		722	ug/kg	11/07/23	11/09/23
2,4,6-Trichlorophenol	ND		722	ug/kg	11/07/23	11/09/23
2,4-Dichlorophenol	ND		722	ug/kg	11/07/23	11/09/23
2,4-Dimethylphenol	ND		1830	ug/kg	11/07/23	11/09/23
2,4-Dinitrophenol	ND		1830	ug/kg	11/07/23	11/09/23
2,4-Dinitrotoluene	ND		722	ug/kg	11/07/23	11/09/23
2,6-Dinitrotoluene	ND		722	ug/kg	11/07/23	11/09/23
2-Chloronaphthalene	ND		722	ug/kg	11/07/23	11/09/23
2-Chlorophenol	ND		722	ug/kg	11/07/23	11/09/23
2-Methylnaphthalene	ND		722	ug/kg	11/07/23	11/09/23
Nitrobenzene	ND		722	ug/kg	11/07/23	11/09/23
2-Methylphenol	ND		722	ug/kg	11/07/23	11/09/23
2-Nitroaniline	ND		722	ug/kg	11/07/23	11/09/23
2-Nitrophenol	ND		1830	ug/kg	11/07/23	11/09/23
3,3'-Dichlorobenzidine	ND		1830	ug/kg	11/07/23	11/09/23
3-Nitroaniline	ND		722	ug/kg	11/07/23	11/09/23
4,6-Dinitro-2-methylphenol	ND		1830	ug/kg	11/07/23	11/09/23
4-Bromophenyl phenyl ether	ND		722	ug/kg	11/07/23	11/09/23
4-Chloro-3-methylphenol	ND		722	ug/kg	11/07/23	11/09/23
4-Chloroaniline	ND		722	ug/kg	11/07/23	11/09/23
4-Chlorophenyl phenyl ether	ND		722	ug/kg	11/07/23	11/09/23
4-Nitroaniline	ND		722	ug/kg	11/07/23	11/09/23
4-Nitrophenol	ND		1830	ug/kg	11/07/23	11/09/23
Acenaphthene	ND		722	ug/kg	11/07/23	11/09/23
Acenaphthylene	ND		722	ug/kg	11/07/23	11/09/23
Aniline	ND		722	ug/kg	11/07/23	11/09/23
Anthracene	ND		722	ug/kg	11/07/23	11/09/23
Benzo(a)anthracene	1300		722	ug/kg	11/07/23	11/09/23
Benzo(a)pyrene	881		722	ug/kg	11/07/23	11/09/23
Benzo(b)fluoranthene	1180		722	ug/kg	11/07/23	11/09/23
Benzo(g,h,i)perylene	ND		722	ug/kg	11/07/23	11/09/23
Benzo(k)fluoranthene	ND		722	ug/kg	11/07/23	11/09/23
Benzoic acid	ND		5550	ug/kg	11/07/23	11/09/23
Biphenyl	ND		167	ug/kg	11/07/23	11/09/23
Bis(2-chloroethoxy)methane	ND		722	ug/kg	11/07/23	11/09/23
Bis(2-chloroethyl)ether	ND		722	ug/kg	11/07/23	11/09/23
Bis(2-chloroisopropyl)ether	ND		722	ug/kg	11/07/23	11/09/23
Bis(2-ethylhexyl)phthalate	ND		2220	ug/kg	11/07/23	11/09/23
Butyl benzyl phthalate	ND		722	ug/kg	11/07/23	11/09/23
Chrysene	1470		722	ug/kg	11/07/23	11/09/23
Di-n-octyl phthalate	ND		1110	ug/kg	11/07/23	11/09/23
Dibenz(a,h)anthracene	ND		722	ug/kg	11/07/23	11/09/23
Dibenzofuran	ND		722	ug/kg	11/07/23	11/09/23

Results: Semivolatile organic compounds (Continued)

Sample: B7-S2 (Continued)

Lab Number: 3K03038-14 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		722	ug/kg	11/07/23	11/09/23
Dimethyl phthalate	ND		1830	ug/kg	11/07/23	11/09/23
Di-n-butyl phthalate	ND		1110	ug/kg	11/07/23	11/09/23
Fluoranthene	1690		722	ug/kg	11/07/23	11/09/23
Fluorene	ND		722	ug/kg	11/07/23	11/09/23
Hexachlorobenzene	ND		722	ug/kg	11/07/23	11/09/23
Hexachlorobutadiene	ND		722	ug/kg	11/07/23	11/09/23
Hexachlorocyclopentadiene	ND		1830	ug/kg	11/07/23	11/09/23
Hexachloroethane	ND		722	ug/kg	11/07/23	11/09/23
Indeno(1,2,3-cd)pyrene	ND		722	ug/kg	11/07/23	11/09/23
Isophorone	ND		722	ug/kg	11/07/23	11/09/23
Naphthalene	ND		722	ug/kg	11/07/23	11/09/23
N-Nitrosodimethylamine	ND		722	ug/kg	11/07/23	11/09/23
N-Nitrosodi-n-propylamine	ND		722	ug/kg	11/07/23	11/09/23
N-Nitrosodiphenylamine	ND		722	ug/kg	11/07/23	11/09/23
Pentachlorophenol	ND		1830	ug/kg	11/07/23	11/09/23
Phenanthrene	1190		722	ug/kg	11/07/23	11/09/23
Pyrene	2470		722	ug/kg	11/07/23	11/09/23
m&p-Cresol	ND		1440	ug/kg	11/07/23	11/09/23
Pyridine	ND		722	ug/kg	11/07/23	11/09/23
Azobenzene	ND		722	ug/kg	11/07/23	11/09/23
Total Dichlorobenzene	ND		722	ug/kg	11/07/23	11/09/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	81.3%		30-126		11/07/23	11/09/23
<i>p-Terphenyl-d14</i>	125%		47-135		11/07/23	11/09/23
<i>2-Fluorobiphenyl</i>	97.1%		34-130		11/07/23	11/09/23
<i>Phenol-d6</i>	77.6%		30-130		11/07/23	11/09/23
<i>2,4,6-Tribromophenol</i>	106%		30-130		11/07/23	11/09/23
<i>2-Fluorophenol</i>	76.1%		30-130		11/07/23	11/09/23

Results: Polychlorinated Biphenyls (PCBs)**Sample: B1-S1****Lab Number: 3K03038-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1221	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1232	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1242	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1248	303		72	ug/kg	11/07/23	11/09/23
Aroclor-1254	260		72	ug/kg	11/07/23	11/09/23
Aroclor-1260	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1262	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1268	ND		72	ug/kg	11/07/23	11/09/23
PCBs (Total)	562		72	ug/kg	11/07/23	11/09/23
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	58.1%		36.2-130		11/07/23	11/09/23
<i>Decachlorobiphenyl (DCBP)</i>	44.9%		43.3-130		11/07/23	11/09/23

Results: Polychlorinated Biphenyls (PCBs)

Sample: B1-S2

Lab Number: 3K03038-02 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		78	ug/kg	11/07/23	11/09/23
Aroclor-1221	ND		78	ug/kg	11/07/23	11/09/23
Aroclor-1232	ND		78	ug/kg	11/07/23	11/09/23
Aroclor-1242	ND		78	ug/kg	11/07/23	11/09/23
Aroclor-1248	231		78	ug/kg	11/07/23	11/09/23
Aroclor-1254	233		78	ug/kg	11/07/23	11/09/23
Aroclor-1260	ND		78	ug/kg	11/07/23	11/09/23
Aroclor-1262	ND		78	ug/kg	11/07/23	11/09/23
Aroclor-1268	ND		78	ug/kg	11/07/23	11/09/23
PCBs (Total)	465		78	ug/kg	11/07/23	11/09/23
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	60.2%		36.2-130		11/07/23	11/09/23
<i>Decachlorobiphenyl (DCBP)</i>	48.0%		43.3-130		11/07/23	11/09/23

Results: Polychlorinated Biphenyls (PCBs)

Sample: B2-S1

Lab Number: 3K03038-03 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1221	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1232	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1242	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1248	467		72	ug/kg	11/07/23	11/09/23
Aroclor-1254	299		72	ug/kg	11/07/23	11/09/23
Aroclor-1260	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1262	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1268	ND		72	ug/kg	11/07/23	11/09/23
PCBs (Total)	766		72	ug/kg	11/07/23	11/09/23
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	79.9%		36.2-130		11/07/23	11/09/23
<i>Decachlorobiphenyl (DCBP)</i>	50.8%		43.3-130		11/07/23	11/09/23

Results: Polychlorinated Biphenyls (PCBs)

Sample: B2-S2

Lab Number: 3K03038-04 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		79	ug/kg	11/07/23	11/09/23
Aroclor-1221	ND		79	ug/kg	11/07/23	11/09/23
Aroclor-1232	ND		79	ug/kg	11/07/23	11/09/23
Aroclor-1242	ND		79	ug/kg	11/07/23	11/09/23
Aroclor-1248	140		79	ug/kg	11/07/23	11/09/23
Aroclor-1254	ND		79	ug/kg	11/07/23	11/09/23
Aroclor-1260	ND		79	ug/kg	11/07/23	11/09/23
Aroclor-1262	ND		79	ug/kg	11/07/23	11/09/23
Aroclor-1268	ND		79	ug/kg	11/07/23	11/09/23
PCBs (Total)	140		79	ug/kg	11/07/23	11/09/23
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	44.5%		36.2-130		11/07/23	11/09/23
<i>Decachlorobiphenyl (DCBP)</i>	51.5%		43.3-130		11/07/23	11/09/23

Results: Polychlorinated Biphenyls (PCBs)

Sample: B3-S1

Lab Number: 3K03038-05 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		73	ug/kg	11/07/23	11/09/23
Aroclor-1221	ND		73	ug/kg	11/07/23	11/09/23
Aroclor-1232	ND		73	ug/kg	11/07/23	11/09/23
Aroclor-1242	ND		73	ug/kg	11/07/23	11/09/23
Aroclor-1248	113		73	ug/kg	11/07/23	11/09/23
Aroclor-1254	74		73	ug/kg	11/07/23	11/09/23
Aroclor-1260	ND		73	ug/kg	11/07/23	11/09/23
Aroclor-1262	ND		73	ug/kg	11/07/23	11/09/23
Aroclor-1268	ND		73	ug/kg	11/07/23	11/09/23
PCBs (Total)	186		73	ug/kg	11/07/23	11/09/23
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	55.3%		36.2-130		11/07/23	11/09/23
<i>Decachlorobiphenyl (DCBP)</i>	51.3%		43.3-130		11/07/23	11/09/23

Results: Polychlorinated Biphenyls (PCBs)

Sample: B3-S2

Lab Number: 3K03038-06 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		79	ug/kg	11/07/23	11/09/23
Aroclor-1221	ND		79	ug/kg	11/07/23	11/09/23
Aroclor-1232	ND		79	ug/kg	11/07/23	11/09/23
Aroclor-1242	ND		79	ug/kg	11/07/23	11/09/23
Aroclor-1248	ND		79	ug/kg	11/07/23	11/09/23
Aroclor-1254	ND		79	ug/kg	11/07/23	11/09/23
Aroclor-1260	ND		79	ug/kg	11/07/23	11/09/23
Aroclor-1262	ND		79	ug/kg	11/07/23	11/09/23
Aroclor-1268	ND		79	ug/kg	11/07/23	11/09/23
PCBs (Total)	ND		79	ug/kg	11/07/23	11/09/23
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	<i>101%</i>		<i>36.2-130</i>		11/07/23	11/09/23
<i>Decachlorobiphenyl (DCBP)</i>	<i>117%</i>		<i>43.3-130</i>		11/07/23	11/09/23

Results: Polychlorinated Biphenyls (PCBs)

Sample: B4-S1

Lab Number: 3K03038-07 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1221	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1232	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1242	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1248	529		72	ug/kg	11/07/23	11/09/23
Aroclor-1254	662		72	ug/kg	11/07/23	11/09/23
Aroclor-1260	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1262	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1268	ND		72	ug/kg	11/07/23	11/09/23
PCBs (Total)	1190		72	ug/kg	11/07/23	11/09/23
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	42.4%		36.2-130		11/07/23	11/09/23
<i>Decachlorobiphenyl (DCBP)</i>	59.3%		43.3-130		11/07/23	11/09/23

Results: Polychlorinated Biphenyls (PCBs)

Sample: B4-S2

Lab Number: 3K03038-08 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		68	ug/kg	11/07/23	11/09/23
Aroclor-1221	ND		68	ug/kg	11/07/23	11/09/23
Aroclor-1232	ND		68	ug/kg	11/07/23	11/09/23
Aroclor-1242	ND		68	ug/kg	11/07/23	11/09/23
Aroclor-1248	ND		68	ug/kg	11/07/23	11/09/23
Aroclor-1254	ND		68	ug/kg	11/07/23	11/09/23
Aroclor-1260	ND		68	ug/kg	11/07/23	11/09/23
Aroclor-1262	ND		68	ug/kg	11/07/23	11/09/23
Aroclor-1268	ND		68	ug/kg	11/07/23	11/09/23
PCBs (Total)	ND		68	ug/kg	11/07/23	11/09/23
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	83.9%		36.2-130		11/07/23	11/09/23
<i>Decachlorobiphenyl (DCBP)</i>	69.7%		43.3-130		11/07/23	11/09/23

Results: Polychlorinated Biphenyls (PCBs)

Sample: B5-S1

Lab Number: 3K03038-09 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1221	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1232	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1242	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1248	1050		72	ug/kg	11/07/23	11/09/23
Aroclor-1254	676		72	ug/kg	11/07/23	11/09/23
Aroclor-1260	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1262	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1268	ND		72	ug/kg	11/07/23	11/09/23
PCBs (Total)	1730		72	ug/kg	11/07/23	11/09/23
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	65.9%		36.2-130		11/07/23	11/09/23
<i>Decachlorobiphenyl (DCBP)</i>	44.8%		43.3-130		11/07/23	11/09/23

Results: Polychlorinated Biphenyls (PCBs)

Sample: B5-S2

Lab Number: 3K03038-10 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		78	ug/kg	11/07/23	11/09/23
Aroclor-1221	ND		78	ug/kg	11/07/23	11/09/23
Aroclor-1232	ND		78	ug/kg	11/07/23	11/09/23
Aroclor-1242	ND		78	ug/kg	11/07/23	11/09/23
Aroclor-1248	353		78	ug/kg	11/07/23	11/09/23
Aroclor-1254	306		78	ug/kg	11/07/23	11/09/23
Aroclor-1260	ND		78	ug/kg	11/07/23	11/09/23
Aroclor-1262	ND		78	ug/kg	11/07/23	11/09/23
Aroclor-1268	ND		78	ug/kg	11/07/23	11/09/23
PCBs (Total)	659		78	ug/kg	11/07/23	11/09/23
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	79.3%		36.2-130		11/07/23	11/09/23
<i>Decachlorobiphenyl (DCBP)</i>	58.2%		43.3-130		11/07/23	11/09/23

Results: Polychlorinated Biphenyls (PCBs)

Sample: B6-S1

Lab Number: 3K03038-11 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1221	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1232	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1242	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1248	218		72	ug/kg	11/07/23	11/09/23
Aroclor-1254	211		72	ug/kg	11/07/23	11/09/23
Aroclor-1260	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1262	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1268	ND		72	ug/kg	11/07/23	11/09/23
PCBs (Total)	429		72	ug/kg	11/07/23	11/09/23
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	41.9%		36.2-130		11/07/23	11/09/23
<i>Decachlorobiphenyl (DCBP)</i>	73.9%		43.3-130		11/07/23	11/09/23

Results: Polychlorinated Biphenyls (PCBs)

Sample: B6-S2

Lab Number: 3K03038-12 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		78	ug/kg	11/07/23	11/09/23
Aroclor-1221	ND		78	ug/kg	11/07/23	11/09/23
Aroclor-1232	ND		78	ug/kg	11/07/23	11/09/23
Aroclor-1242	ND		78	ug/kg	11/07/23	11/09/23
Aroclor-1248	ND		78	ug/kg	11/07/23	11/09/23
Aroclor-1254	ND		78	ug/kg	11/07/23	11/09/23
Aroclor-1260	ND		78	ug/kg	11/07/23	11/09/23
Aroclor-1262	ND		78	ug/kg	11/07/23	11/09/23
Aroclor-1268	ND		78	ug/kg	11/07/23	11/09/23
PCBs (Total)	ND		78	ug/kg	11/07/23	11/09/23
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	37.7%		36.2-130		11/07/23	11/09/23
<i>Decachlorobiphenyl (DCBP)</i>	48.3%		43.3-130		11/07/23	11/09/23

Results: Polychlorinated Biphenyls (PCBs)

Sample: B7-S1

Lab Number: 3K03038-13 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		73	ug/kg	11/07/23	11/09/23
Aroclor-1221	ND		73	ug/kg	11/07/23	11/09/23
Aroclor-1232	ND		73	ug/kg	11/07/23	11/09/23
Aroclor-1242	ND		73	ug/kg	11/07/23	11/09/23
Aroclor-1248	911		73	ug/kg	11/07/23	11/09/23
Aroclor-1254	1300		73	ug/kg	11/07/23	11/09/23
Aroclor-1260	ND		73	ug/kg	11/07/23	11/09/23
Aroclor-1262	ND		73	ug/kg	11/07/23	11/09/23
Aroclor-1268	ND		73	ug/kg	11/07/23	11/09/23
PCBs (Total)	2210		73	ug/kg	11/07/23	11/09/23
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	37.8%		36.2-130		11/07/23	11/09/23
<i>Decachlorobiphenyl (DCBP)</i>	53.7%		43.3-130		11/07/23	11/09/23

Results: Polychlorinated Biphenyls (PCBs)

Sample: B7-S2

Lab Number: 3K03038-14 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1221	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1232	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1242	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1248	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1254	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1260	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1262	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1268	ND		72	ug/kg	11/07/23	11/09/23
PCBs (Total)	121		72	ug/kg	11/07/23	11/09/23
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	63.5%		36.2-130		11/07/23	11/09/23
<i>Decachlorobiphenyl (DCBP)</i>	52.6%		43.3-130		11/07/23	11/09/23

Results: Total Petroleum Hydrocarbons**Sample: B1-S1****Lab Number: 3K03038-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	2760		1480	mg/kg	11/07/23	11/08/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>75.2%</i>		<i>50-130</i>		11/07/23	11/08/23

Results: Total Petroleum Hydrocarbons**Sample: B1-S2****Lab Number: 3K03038-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	507		325	mg/kg	11/07/23	11/08/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>62.1%</i>		<i>50-130</i>		11/07/23	11/08/23

Results: Total Petroleum Hydrocarbons**Sample: B2-S1****Lab Number: 3K03038-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	878		603	mg/kg	11/07/23	11/08/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>66.6%</i>		<i>50-130</i>		11/07/23	11/08/23

Results: Total Petroleum Hydrocarbons**Sample: B2-S2****Lab Number: 3K03038-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	178		157	mg/kg	11/07/23	11/07/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	62.7%		50-130		11/07/23	11/07/23

Results: Total Petroleum Hydrocarbons**Sample: B3-S1****Lab Number: 3K03038-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		148	mg/kg	11/07/23	11/07/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>74.8%</i>		<i>50-130</i>		11/07/23	11/07/23

Results: Total Petroleum Hydrocarbons**Sample: B3-S2****Lab Number: 3K03038-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	1590		330	mg/kg	11/07/23	11/08/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>64.3%</i>		<i>50-130</i>		11/07/23	11/08/23

Results: Total Petroleum Hydrocarbons**Sample: B4-S1****Lab Number: 3K03038-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	2650		1520	mg/kg	11/07/23	11/08/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>62.4%</i>		<i>50-130</i>		11/07/23	11/08/23

Results: Total Petroleum Hydrocarbons**Sample: B4-S2****Lab Number: 3K03038-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	77		56	mg/kg	11/07/23	11/07/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>60.0%</i>		<i>50-130</i>		11/07/23	11/07/23

Results: Total Petroleum Hydrocarbons**Sample: B5-S1****Lab Number: 3K03038-09 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	1010		291	mg/kg	11/07/23	11/08/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>57.5%</i>		<i>50-130</i>		11/07/23	11/08/23

Results: Total Petroleum Hydrocarbons**Sample: B5-S2****Lab Number: 3K03038-10 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	1350		668	mg/kg	11/07/23	11/08/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>62.2%</i>		<i>50-130</i>		11/07/23	11/08/23

Results: Total Petroleum Hydrocarbons**Sample: B6-S1****Lab Number: 3K03038-11 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	1400		293	mg/kg	11/07/23	11/08/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>56.9%</i>		<i>50-130</i>		11/07/23	11/08/23

Results: Total Petroleum Hydrocarbons**Sample: B6-S2****Lab Number: 3K03038-12 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	666		64	mg/kg	11/07/23	11/07/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>64.4%</i>		<i>50-130</i>		11/07/23	11/07/23

Results: Total Petroleum Hydrocarbons**Sample: B7-S1****Lab Number: 3K03038-13 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	3380		1470	mg/kg	11/07/23	11/08/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>72.0%</i>		<i>50-130</i>		11/07/23	11/08/23

Results: Total Petroleum Hydrocarbons**Sample: B7-S2****Lab Number: 3K03038-14 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	285		145	mg/kg	11/07/23	11/07/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>61.6%</i>		<i>50-130</i>		11/07/23	11/07/23

Quality Control

Total Metals

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0205 - Metals Digestion Soils										
Blank (B3K0205-BLK1)										
					Prepared: 11/06/23 Analyzed: 11/09/23					
Beryllium	ND		0.33	mg/kg						
Silver	ND		1.00	mg/kg						
Zinc	ND		2.0	mg/kg						
Cadmium	ND		0.50	mg/kg						
Chromium	ND		0.50	mg/kg						
Nickel	ND		0.50	mg/kg						
Lead	ND		0.50	mg/kg						
Antimony	ND		0.66	mg/kg						
Arsenic	ND		1.00	mg/kg						
Copper	ND		2.00	mg/kg						
Selenium	ND		1.00	mg/kg						
Thallium	ND		0.33	mg/kg						
LCS (B3K0205-BS1)										
					Prepared: 11/06/23 Analyzed: 11/07/23					
Lead	105		0.50	mg/kg	100		105	85-115		
Nickel	96.2		0.50	mg/kg	100		96.2	85-112		
Copper	97.0		2.00	mg/kg	100		97.0	85-115		
Chromium	98.5		0.50	mg/kg	100		98.5	85-115		
Beryllium	19.9		0.33	mg/kg	20.0		99.5	85-115		
Cadmium	97.2		0.50	mg/kg	100		97.2	85-115		
Arsenic	19.5		1.00	mg/kg	20.0		97.6	85-115		
Selenium	19.9		1.00	mg/kg	20.0		99.3	85-115		
Zinc	103		2.0	mg/kg	100		103	85-115		
Silver	39.0		1.00	mg/kg	40.0		97.5	85-115		
Antimony	105		0.66	mg/kg	100		105	85-115		
Thallium	101		0.33	mg/kg	100		101	85-115		
LCS Dup (B3K0205-BSD1)										
					Prepared: 11/06/23 Analyzed: 11/09/23					
Antimony	106		0.66	mg/kg	100		106	85-115	0.0420	200
Nickel	96.7		0.50	mg/kg	100		96.7	85-112	0.449	200
Silver	39.6		1.00	mg/kg	40.0		98.9	85-115	1.48	200
Selenium	18.8		1.00	mg/kg	20.0		93.9	85-115	5.60	200
Lead	102		0.50	mg/kg	100		102	85-115	2.66	200
Chromium	99.2		0.50	mg/kg	100		99.2	85-115	0.666	200
Arsenic	19.9		1.00	mg/kg	20.0		99.4	85-115	1.86	200
Zinc	103		2.0	mg/kg	100		103	85-115	0.0786	200
Beryllium	20.1		0.33	mg/kg	20.0		100	85-115	0.990	200
Cadmium	97.9		0.50	mg/kg	100		97.9	85-115	0.701	200
Copper	96.9		2.00	mg/kg	100		96.9	85-115	0.0998	200
Thallium	102		0.33	mg/kg	100		102	85-115	1.13	10

Quality Control
(Continued)

Total Metals (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0205 - Metals Digestion Soils (Continued)										
Matrix Spike (B3K0205-MS1)			Source: 3K03013-02		Prepared: 11/06/23		Analyzed: 11/09/23			
Silver	44.5		1.23	mg/kg dry	49.2	ND	90.5	75-125		
Arsenic	24.4		1.23	mg/kg dry	24.6	0.77	96.1	75-125		
Lead	131		0.61	mg/kg dry	123	2.60	104	75-125		
Selenium	16.4		1.23	mg/kg dry	24.6	ND	66.8	75-125		
Cadmium	117		0.61	mg/kg dry	123	ND	95.5	75-125		
Chromium	140		0.61	mg/kg dry	123	7.06	108	75-125		
Matrix Spike Dup (B3K0205-MSD1)			Source: 3K03013-02		Prepared: 11/06/23		Analyzed: 11/09/23			
Arsenic	24.8		1.20	mg/kg dry	24.1	0.77	99.7	75-125	3.60	20
Silver	44.9		1.20	mg/kg dry	48.2	ND	93.2	75-125	2.98	20
Selenium	17.1		1.20	mg/kg dry	24.1	ND	71.1	75-125	6.20	20
Lead	130		0.60	mg/kg dry	120	2.60	106	75-125	0.601	20
Chromium	126		0.60	mg/kg dry	120	7.06	98.9	75-125	10.4	20
Cadmium	117		0.60	mg/kg dry	120	ND	97.4	75-125	0.0654	20
Batch: B3K0206 - Metals Cold-Vapor Mercury										
Blank (B3K0206-BLK1)					Prepared: 11/06/23		Analyzed: 11/07/23			
Mercury	ND		0.100	mg/kg						
Blank (B3K0206-BLK2)					Prepared: 11/06/23		Analyzed: 11/07/23			
Mercury	ND		0.100	mg/kg						
LCS (B3K0206-BS1)					Prepared: 11/06/23		Analyzed: 11/07/23			
Mercury	0.374		0.100	mg/kg	0.357		105	93-114		
LCS (B3K0206-BS2)					Prepared: 11/06/23		Analyzed: 11/07/23			
Mercury	0.374		0.100	mg/kg	0.357		105	93-114		

Quality Control
(Continued)

Total Metals (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0206 - Metals Cold-Vapor Mercury (Continued)										
LCS Dup (B3K0206-BSD1)					Prepared: 11/06/23 Analyzed: 11/07/23					
Mercury	0.376		0.100	mg/kg	0.357		105	93-114	0.496	200
LCS Dup (B3K0206-BSD2)					Prepared: 11/06/23 Analyzed: 11/07/23					
Mercury	0.376		0.100	mg/kg	0.357		105	93-114	0.496	200
Matrix Spike (B3K0206-MS1)			Source: 3K03013-02		Prepared: 11/06/23 Analyzed: 11/07/23					
Mercury	0.533		0.145	mg/kg dry	0.516	ND	103	80-120		
Matrix Spike Dup (B3K0206-MSD1)			Source: 3K03013-02		Prepared: 11/06/23 Analyzed: 11/07/23					
Mercury	0.473		0.123	mg/kg dry	0.441	ND	107	80-120	11.9	20

Quality Control
(Continued)

Volatile Organic Compounds 8260C (5035-HL)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0337 - Purge-Trap										
Blank (B3K0337-BLK1)					Prepared & Analyzed: 11/07/23					
Acetone	ND		2500	ug/kg						
Benzene	ND		50	ug/kg						
Bromobenzene	ND		50	ug/kg						
Bromochloromethane	ND		50	ug/kg						
Bromodichloromethane	ND		50	ug/kg						
Bromoform	ND		50	ug/kg						
Bromomethane	ND		50	ug/kg						
2-Butanone	ND		1250	ug/kg						
tert-Butyl alcohol	ND		250	ug/kg						
sec-Butylbenzene	ND		50	ug/kg						
n-Butylbenzene	ND		50	ug/kg						
tert-Butylbenzene	ND		50	ug/kg						
Methyl t-butyl ether (MTBE)	ND		50	ug/kg						
Carbon Disulfide	ND		50	ug/kg						
Carbon Tetrachloride	ND		50	ug/kg						
Chlorobenzene	ND		50	ug/kg						
Chloroethane	ND		50	ug/kg						
Chloroform	ND		50	ug/kg						
Chloromethane	ND		50	ug/kg						
4-Chlorotoluene	ND		50	ug/kg						
2-Chlorotoluene	ND		50	ug/kg						
1,2-Dibromo-3-chloropropane (DBCP)	ND		50	ug/kg						
Dibromochloromethane	ND		50	ug/kg						
1,2-Dibromoethane (EDB)	ND		50	ug/kg						
Dibromomethane	ND		50	ug/kg						
1,2-Dichlorobenzene	ND		50	ug/kg						
1,3-Dichlorobenzene	ND		50	ug/kg						
1,4-Dichlorobenzene	ND		50	ug/kg						
1,1-Dichloroethane	ND		50	ug/kg						
1,2-Dichloroethane	ND		50	ug/kg						
trans-1,2-Dichloroethene	ND		50	ug/kg						
cis-1,2-Dichloroethene	ND		50	ug/kg						
1,1-Dichloroethene	ND		50	ug/kg						
1,2-Dichloropropane	ND		50	ug/kg						
2,2-Dichloropropane	ND		50	ug/kg						
cis-1,3-Dichloropropene	ND		50	ug/kg						
trans-1,3-Dichloropropene	ND		50	ug/kg						
1,1-Dichloropropene	ND		50	ug/kg						
1,3-Dichloropropene (cis + trans)	ND		100	ug/kg						
Diethyl ether	ND		250	ug/kg						
1,4-Dioxane	ND		5000	ug/kg						
Ethylbenzene	ND		50	ug/kg						
Hexachlorobutadiene	ND		50	ug/kg						
2-Hexanone	ND		500	ug/kg						
Isopropylbenzene	ND		50	ug/kg						
p-Isopropyltoluene	ND		50	ug/kg						
Methylene Chloride	ND		250	ug/kg						
4-Methyl-2-pentanone	ND		350	ug/kg						
Naphthalene	ND		50	ug/kg						
n-Propylbenzene	ND		50	ug/kg						
Styrene	ND		50	ug/kg						
1,1,1,2-Tetrachloroethane	ND		50	ug/kg						
Tetrachloroethene	ND		50	ug/kg						
Tetrahydrofuran	ND		250	ug/kg						
Toluene	ND		50	ug/kg						
1,2,4-Trichlorobenzene	ND		50	ug/kg						
1,2,3-Trichlorobenzene	ND		50	ug/kg						

Quality Control
(Continued)

Volatile Organic Compounds 8260C (5035-HL) (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0337 - Purge-Trap (Continued)										
Blank (B3K0337-BLK1)					Prepared & Analyzed: 11/07/23					
1,1,2-Trichloroethane	ND		50	ug/kg						
1,1,1-Trichloroethane	ND		50	ug/kg						
Trichloroethene	ND		50	ug/kg						
1,2,3-Trichloropropane	ND		50	ug/kg						
1,3,5-Trimethylbenzene	ND		50	ug/kg						
1,2,4-Trimethylbenzene	ND		50	ug/kg						
Vinyl Chloride	ND		50	ug/kg						
o-Xylene	ND		50	ug/kg						
m&p-Xylene	ND		100	ug/kg						
Total xylenes	ND		50	ug/kg						
1,1,2,2-Tetrachloroethane	ND		50	ug/kg						
tert-Amyl methyl ether	ND		50	ug/kg						
1,3-Dichloropropane	ND		50	ug/kg						
Ethyl tert-butyl ether	ND		50	ug/kg						
Diisopropyl ether	ND		50	ug/kg						
Trichlorofluoromethane	ND		50	ug/kg						
Dichlorodifluoromethane	ND		50	ug/kg						
1,2 Dichloroethene, Total	ND		250	ug/kg						
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<i>Surrogate: 4-Bromofluorobenzene</i>			44.4	ug/l	50.0		88.9	70-130		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			50.0	ug/l	50.0		100	70-130		
<i>Surrogate: Toluene-d8</i>			48.6	ug/l	50.0		97.1	70-130		
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LCS (B3K0337-BS1)					Prepared & Analyzed: 11/07/23					
Acetone	2310		2500	ug/kg	2500		92.2	50-150		
Benzene	2170		50	ug/kg	2500		86.9	70-130		
Bromobenzene	2240		50	ug/kg	2500		89.5	70-130		
Bromochloromethane	2190		50	ug/kg	2500		87.5	70-130		
Bromodichloromethane	2130		50	ug/kg	2500		85.0	70-130		
Bromoform	2080		50	ug/kg	2500		83.0	70-130		
Bromomethane	2050		50	ug/kg	2500		82.0	50-150		
2-Butanone	2190		1250	ug/kg	2500		87.5	50-150		
tert-Butyl alcohol	1230		250	ug/kg	2500		49.0	70-130		
sec-Butylbenzene	2500		50	ug/kg	2500		99.9	70-130		
n-Butylbenzene	2490		50	ug/kg	2500		99.5	70-130		
tert-Butylbenzene	2500		50	ug/kg	2500		100	70-130		
Methyl t-butyl ether (MTBE)	2120		50	ug/kg	2500		84.6	70-130		
Carbon Disulfide	2330		50	ug/kg	2500		93.3	70-130		
Carbon Tetrachloride	2330		50	ug/kg	2500		93.0	70-130		
Chlorobenzene	2230		50	ug/kg	2500		89.4	70-130		
Chloroethane	2110		50	ug/kg	2500		84.4	50-150		
Chloroform	2150		50	ug/kg	2500		86.2	70-130		
Chloromethane	2000		50	ug/kg	2500		80.0	50-150		
4-Chlorotoluene	2390		50	ug/kg	2500		95.5	70-130		
2-Chlorotoluene	2300		50	ug/kg	2500		91.9	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	1070		50	ug/kg	2500		42.7	70-130		
Dibromochloromethane	2150		50	ug/kg	2500		86.1	70-130		
1,2-Dibromoethane (EDB)	2130		50	ug/kg	2500		85.3	70-130		
Dibromomethane	2110		50	ug/kg	2500		84.3	70-130		
1,2-Dichlorobenzene	2110		50	ug/kg	2500		84.3	70-130		
1,3-Dichlorobenzene	2250		50	ug/kg	2500		89.9	70-130		
1,4-Dichlorobenzene	2090		50	ug/kg	2500		83.4	70-130		
1,1-Dichloroethane	2160		50	ug/kg	2500		86.3	70-130		
1,2-Dichloroethane	2080		50	ug/kg	2500		83.3	70-130		
trans-1,2-Dichloroethene	2240		50	ug/kg	2500		89.6	70-130		
cis-1,2-Dichloroethene	2210		50	ug/kg	2500		88.6	70-130		
1,1-Dichloroethene	2090		50	ug/kg	2500		83.6	70-130		
1,2-Dichloropropane	2180		50	ug/kg	2500		87.0	70-130		

Quality Control
(Continued)

Volatile Organic Compounds 8260C (5035-HL) (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0337 - Purge-Trap (Continued)										
LCS (B3K0337-BS1)					Prepared & Analyzed: 11/07/23					
2,2-Dichloropropane	2290		50	ug/kg	2500		91.5	70-130		
cis-1,3-Dichloropropene	2000		50	ug/kg	2500		79.9	70-130		
trans-1,3-Dichloropropene	2230		50	ug/kg	2500		89.3	70-130		
1,1-Dichloropropene	2210		50	ug/kg	2500		88.6	70-130		
Diethyl ether	2110		250	ug/kg	2500		84.5	70-130		
1,4-Dioxane	ND		5000	ug/kg	12500			0-200		
Ethylbenzene	2440		50	ug/kg	2500		97.6	70-130		
Hexachlorobutadiene	2060		50	ug/kg	2500		82.3	70-130		
2-Hexanone	1760		500	ug/kg	2500		70.4	50-150		
Isopropylbenzene	2520		50	ug/kg	2500		101	70-130		
p-Isopropyltoluene	2500		50	ug/kg	2500		99.8	70-130		
Methylene Chloride	2990		250	ug/kg	2500		120	60-140		
4-Methyl-2-pentanone	1810		350	ug/kg	2500		72.3	50-150		
Naphthalene	806		50	ug/kg	2500		32.2	70-130		
n-Propylbenzene	2500		50	ug/kg	2500		99.9	70-130		
Styrene	2250		50	ug/kg	2500		90.1	70-130		
1,1,1,2-Tetrachloroethane	2270		50	ug/kg	2500		90.9	70-130		
Tetrachloroethene	2370		50	ug/kg	2500		94.8	70-130		
Tetrahydrofuran	1780		250	ug/kg	2500		71.2	70-130		
Toluene	2220		50	ug/kg	2500		88.9	70-130		
1,2,4-Trichlorobenzene	1270		50	ug/kg	2500		50.7	70-130		
1,2,3-Trichlorobenzene	880		50	ug/kg	2500		35.2	70-130		
1,1,2-Trichloroethane	2220		50	ug/kg	2500		88.9	70-130		
1,1,1-Trichloroethane	2300		50	ug/kg	2500		91.8	70-130		
Trichloroethene	2230		50	ug/kg	2500		89.2	70-130		
1,2,3-Trichloropropane	2020		50	ug/kg	2500		80.9	70-130		
1,3,5-Trimethylbenzene	2510		50	ug/kg	2500		101	70-130		
1,2,4-Trimethylbenzene	2500		50	ug/kg	2500		99.8	70-130		
Vinyl Chloride	1910		50	ug/kg	2500		76.5	50-150		
o-Xylene	2260		50	ug/kg	2500		90.3	70-130		
m&p-Xylene	4920		100	ug/kg	5000		98.4	70-130		
1,1,2,2-Tetrachloroethane	1800		50	ug/kg	2500		71.8	70-130		
tert-Amyl methyl ether	2290		50	ug/kg	2500		91.5	70-130		
1,3-Dichloropropane	2020		50	ug/kg	2500		80.9	70-130		
Ethyl tert-butyl ether	2220		50	ug/kg	2500		88.7	70-130		
Diisopropyl ether	2320		50	ug/kg	2500		92.9	70-130		
Trichlorofluoromethane	1990		50	ug/kg	2500		79.8	50-150		
Dichlorodifluoromethane	1700		50	ug/kg	2500		67.9	50-150		
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Surrogate: 4-Bromofluorobenzene			50.8	ug/l	50.0		102	70-130		
Surrogate: 1,2-Dichloroethane-d4			49.8	ug/l	50.0		99.7	70-130		
Surrogate: Toluene-d8			52.7	ug/l	50.0		105	70-130		

Quality Control
(Continued)

Volatile Organic Compounds 8260C (5035-HL) (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0337 - Purge-Trap (Continued)										
LCS Dup (B3K0337-BSD1)					Prepared & Analyzed: 11/07/23					
Acetone	2440		2500	ug/kg	2500		97.6	50-150	5.67	30
Benzene	2280		50	ug/kg	2500		91.4	70-130	5.09	30
Bromobenzene	2380		50	ug/kg	2500		95.1	70-130	6.06	30
Bromochloromethane	2370		50	ug/kg	2500		94.7	70-130	7.97	30
Bromodichloromethane	2300		50	ug/kg	2500		91.8	70-130	7.69	30
Bromoform	2150		50	ug/kg	2500		86.1	70-130	3.60	30
Bromomethane	2100		50	ug/kg	2500		84.0	50-150	2.34	30
2-Butanone	2260		1250	ug/kg	2500		90.5	50-150	3.44	30
tert-Butyl alcohol	1360		250	ug/kg	2500		54.5	70-130	10.6	30
sec-Butylbenzene	2510		50	ug/kg	2500		100	70-130	0.459	30
n-Butylbenzene	2510		50	ug/kg	2500		100	70-130	0.980	30
tert-Butylbenzene	2500		50	ug/kg	2500		99.8	70-130	0.280	30
Methyl t-butyl ether (MTBE)	2320		50	ug/kg	2500		92.9	70-130	9.35	30
Carbon Disulfide	2410		50	ug/kg	2500		96.4	70-130	3.20	30
Carbon Tetrachloride	2400		50	ug/kg	2500		96.1	70-130	3.26	30
Chlorobenzene	2320		50	ug/kg	2500		92.9	70-130	3.86	30
Chloroethane	2140		50	ug/kg	2500		85.6	50-150	1.32	30
Chloroform	2290		50	ug/kg	2500		91.4	70-130	5.92	30
Chloromethane	2130		50	ug/kg	2500		85.4	50-150	6.51	30
4-Chlorotoluene	2450		50	ug/kg	2500		98.2	70-130	2.81	30
2-Chlorotoluene	2360		50	ug/kg	2500		94.3	70-130	2.60	30
1,2-Dibromo-3-chloropropane (DBCP)	1190		50	ug/kg	2500		47.8	70-130	11.2	30
Dibromochloromethane	2260		50	ug/kg	2500		90.5	70-130	4.92	30
1,2-Dibromoethane (EDB)	2260		50	ug/kg	2500		90.3	70-130	5.63	30
Dibromomethane	2250		50	ug/kg	2500		90.1	70-130	6.70	30
1,2-Dichlorobenzene	2200		50	ug/kg	2500		88.1	70-130	4.34	30
1,3-Dichlorobenzene	2330		50	ug/kg	2500		93.2	70-130	3.58	30
1,4-Dichlorobenzene	2190		50	ug/kg	2500		87.5	70-130	4.77	30
1,1-Dichloroethane	2260		50	ug/kg	2500		90.4	70-130	4.64	30
1,2-Dichloroethane	2150		50	ug/kg	2500		85.9	70-130	3.12	30
trans-1,2-Dichloroethene	2330		50	ug/kg	2500		93.1	70-130	3.81	30
cis-1,2-Dichloroethene	2370		50	ug/kg	2500		95.0	70-130	6.97	30
1,1-Dichloroethene	2190		50	ug/kg	2500		87.5	70-130	4.51	30
1,2-Dichloropropane	2320		50	ug/kg	2500		92.6	70-130	6.19	30
2,2-Dichloropropane	2330		50	ug/kg	2500		93.2	70-130	1.78	30
cis-1,3-Dichloropropene	2110		50	ug/kg	2500		84.4	70-130	5.46	30
trans-1,3-Dichloropropene	2390		50	ug/kg	2500		95.6	70-130	6.77	30
1,1-Dichloropropene	2320		50	ug/kg	2500		92.9	70-130	4.74	30
Diethyl ether	2110		250	ug/kg	2500		84.3	70-130	0.332	30
1,4-Dioxane	ND		5000	ug/kg	12500			0-200		40
Ethylbenzene	2480		50	ug/kg	2500		99.3	70-130	1.81	30
Hexachlorobutadiene	2100		50	ug/kg	2500		83.9	70-130	1.93	30
2-Hexanone	1910		500	ug/kg	2500		76.5	50-150	8.25	30
Isopropylbenzene	2560		50	ug/kg	2500		102	70-130	1.34	30
p-Isopropyltoluene	2510		50	ug/kg	2500		100	70-130	0.679	30
Methylene Chloride	2980		250	ug/kg	2500		119	60-140	0.486	30
4-Methyl-2-pentanone	1800		350	ug/kg	2500		71.9	50-150	0.527	30
Naphthalene	998		50	ug/kg	2500		39.9	70-130	21.2	30
n-Propylbenzene	2490		50	ug/kg	2500		99.5	70-130	0.381	30
Styrene	2340		50	ug/kg	2500		93.5	70-130	3.71	30
1,1,1,2-Tetrachloroethane	2370		50	ug/kg	2500		94.7	70-130	4.09	30
Tetrachloroethene	2450		50	ug/kg	2500		98.1	70-130	3.44	30
Tetrahydrofuran	1990		250	ug/kg	2500		79.7	70-130	11.3	30
Toluene	2320		50	ug/kg	2500		92.7	70-130	4.21	30
1,2,4-Trichlorobenzene	1410		50	ug/kg	2500		56.5	70-130	10.7	30
1,2,3-Trichlorobenzene	1100		50	ug/kg	2500		43.9	70-130	22.1	30
1,1,2-Trichloroethane	2110		50	ug/kg	2500		84.4	70-130	5.34	30

Quality Control
(Continued)

Volatile Organic Compounds 8260C (5035-HL) (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0337 - Purge-Trap (Continued)										
LCS Dup (B3K0337-BSD1)					Prepared & Analyzed: 11/07/23					
1,1,1-Trichloroethane	2380		50	ug/kg	2500		95.3	70-130	3.74	30
Trichloroethene	2360		50	ug/kg	2500		94.4	70-130	5.67	30
1,2,3-Trichloropropane	1940		50	ug/kg	2500		77.6	70-130	4.26	30
1,3,5-Trimethylbenzene	2580		50	ug/kg	2500		103	70-130	2.59	30
1,2,4-Trimethylbenzene	2560		50	ug/kg	2500		102	70-130	2.55	30
Vinyl Chloride	1960		50	ug/kg	2500		78.3	50-150	2.35	30
o-Xylene	2380		50	ug/kg	2500		95.1	70-130	5.13	30
m&p-Xylene	5050		100	ug/kg	5000		101	70-130	2.70	30
1,1,2,2-Tetrachloroethane	1860		50	ug/kg	2500		74.4	70-130	3.45	30
tert-Amyl methyl ether	2510		50	ug/kg	2500		100	70-130	9.28	30
1,3-Dichloropropane	2180		50	ug/kg	2500		87.2	70-130	7.57	30
Ethyl tert-butyl ether	2430		50	ug/kg	2500		97.2	70-130	9.15	30
Diisopropyl ether	2520		50	ug/kg	2500		101	70-130	8.16	30
Trichlorofluoromethane	2040		50	ug/kg	2500		81.8	50-150	2.53	30
Dichlorodifluoromethane	1750		50	ug/kg	2500		70.0	50-150	3.13	30

Surrogate: 4-Bromofluorobenzene			50.7	ug/l	50.0		101	70-130		
Surrogate: 1,2-Dichloroethane-d4			49.9	ug/l	50.0		99.8	70-130		
Surrogate: Toluene-d8			54.1	ug/l	50.0		108	70-130		

Quality Control
(Continued)

Semivolatile organic compounds

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0133 - 1_Semivolatiles Extractions										
Blank (B3K0133-BLK1)					Prepared: 11/04/23 Analyzed: 11/06/23					
1,2,4-Trichlorobenzene	ND		129	ug/kg						
1,2-Dichlorobenzene	ND		129	ug/kg						
1,3-Dichlorobenzene	ND		129	ug/kg						
1,4-Dichlorobenzene	ND		129	ug/kg						
Phenol	ND		129	ug/kg						
2,4,5-Trichlorophenol	ND		129	ug/kg						
2,4,6-Trichlorophenol	ND		129	ug/kg						
2,4-Dichlorophenol	ND		129	ug/kg						
2,4-Dimethylphenol	ND		328	ug/kg						
2,4-Dinitrophenol	ND		328	ug/kg						
2,4-Dinitrotoluene	ND		129	ug/kg						
2,6-Dinitrotoluene	ND		129	ug/kg						
2-Chloronaphthalene	ND		129	ug/kg						
2-Chlorophenol	ND		129	ug/kg						
2-Methylnaphthalene	ND		129	ug/kg						
Nitrobenzene	ND		129	ug/kg						
2-Methylphenol	ND		129	ug/kg						
2-Nitroaniline	ND		129	ug/kg						
2-Nitrophenol	ND		328	ug/kg						
3,3'-Dichlorobenzidine	ND		328	ug/kg						
3-Nitroaniline	ND		129	ug/kg						
4,6-Dinitro-2-methylphenol	ND		328	ug/kg						
4-Bromophenyl phenyl ether	ND		129	ug/kg						
4-Chloro-3-methylphenol	ND		129	ug/kg						
4-Chloroaniline	ND		129	ug/kg						
4-Chlorophenyl phenyl ether	ND		129	ug/kg						
4-Nitroaniline	ND		129	ug/kg						
4-Nitrophenol	ND		328	ug/kg						
Acenaphthene	ND		129	ug/kg						
Acenaphthylene	ND		129	ug/kg						
Aniline	ND		129	ug/kg						
Anthracene	ND		129	ug/kg						
Benzo(a)anthracene	ND		129	ug/kg						
Benzo(a)pyrene	ND		129	ug/kg						
Benzo(b)fluoranthene	ND		129	ug/kg						
Benzo(g,h,i)perylene	ND		129	ug/kg						
Benzo(k)fluoranthene	ND		129	ug/kg						
Benzoic acid	ND		993	ug/kg						
Biphenyl	ND		30	ug/kg						
Bis(2-chloroethoxy)methane	ND		129	ug/kg						
Bis(2-chloroethyl)ether	ND		129	ug/kg						
Bis(2-chloroisopropyl)ether	ND		129	ug/kg						
Bis(2-ethylhexyl)phthalate	ND		397	ug/kg						
Butyl benzyl phthalate	ND		129	ug/kg						
Chrysene	ND		129	ug/kg						
Di-n-octyl phthalate	ND		199	ug/kg						
Dibenz(a,h)anthracene	ND		129	ug/kg						
Dibenzofuran	ND		129	ug/kg						
Diethyl phthalate	ND		129	ug/kg						
Dimethyl phthalate	ND		328	ug/kg						
Di-n-butyl phthalate	ND		199	ug/kg						
Fluoranthene	ND		129	ug/kg						
Fluorene	ND		129	ug/kg						
Hexachlorobenzene	ND		129	ug/kg						
Hexachlorobutadiene	ND		129	ug/kg						
Hexachlorocyclopentadiene	ND		328	ug/kg						
Hexachloroethane	ND		129	ug/kg						

Quality Control
(Continued)

Semivolatile organic compounds (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0133 - 1_Semivolatiles Extractions (Continued)										
Blank (B3K0133-BLK1)										
					Prepared: 11/04/23 Analyzed: 11/06/23					
Indeno(1,2,3-cd)pyrene	ND		129	ug/kg						
Isophorone	ND		129	ug/kg						
Naphthalene	ND		129	ug/kg						
N-Nitrosodimethylamine	ND		129	ug/kg						
N-Nitrosodi-n-propylamine	ND		129	ug/kg						
N-Nitrosodiphenylamine	ND		129	ug/kg						
Pentachlorophenol	ND		328	ug/kg						
Phenanthrene	ND		129	ug/kg						
Pyrene	ND		129	ug/kg						
m&p-Cresol	ND		258	ug/kg						
Pyridine	ND		129	ug/kg						
Azobenzene	ND		129	ug/kg						
Total Dichlorobenzene	ND		129	ug/kg						
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<i>Surrogate: Nitrobenzene-d5</i>			2400	ug/kg	3310		72.4	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			3140	ug/kg	3310		94.8	47-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			2090	ug/kg	3310		63.2	34-130		
<i>Surrogate: Phenol-d6</i>			1630	ug/kg	3310		49.3	30-130		
<i>Surrogate: 2,4,6-Tribromophenol</i>			2580	ug/kg	3310		77.8	30-130		
<i>Surrogate: 2-Fluorophenol</i>			1740	ug/kg	3310		52.6	30-130		
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LCS (B3K0133-BS1)										
					Prepared: 11/04/23 Analyzed: 11/06/23					
1,2,4-Trichlorobenzene	2150		129	ug/kg	3310		65.0	40-130		
1,2-Dichlorobenzene	1860		129	ug/kg	3310		56.2	40-130		
1,3-Dichlorobenzene	1810		129	ug/kg	3310		54.6	40-130		
1,4-Dichlorobenzene	1780		129	ug/kg	3310		53.7	40-130		
Phenol	1690		129	ug/kg	3310		51.2	40-130		
2,4,5-Trichlorophenol	2080		129	ug/kg	3310		62.8	40-130		
2,4,6-Trichlorophenol	2210		129	ug/kg	3310		66.8	40-130		
2,4-Dichlorophenol	2220		129	ug/kg	3310		67.0	40-130		
2,4-Dimethylphenol	2040		328	ug/kg	3310		61.5	40-130		
2,4-Dinitrophenol	809		328	ug/kg	3310		24.4	15-140		
2,4-Dinitrotoluene	2660		129	ug/kg	3310		80.5	40-130		
2,6-Dinitrotoluene	2320		129	ug/kg	3310		70.0	40-130		
2-Chloronaphthalene	1930		129	ug/kg	3310		58.3	40-130		
2-Chlorophenol	1840		129	ug/kg	3310		55.7	40-130		
2-Methylnaphthalene	2170		129	ug/kg	3310		65.7	40-130		
Nitrobenzene	2280		129	ug/kg	3310		68.9	40-130		
2-Methylphenol	1990		129	ug/kg	3310		60.2	40-130		
2-Nitroaniline	2840		129	ug/kg	3310		85.7	40-130		
2-Nitrophenol	2550		328	ug/kg	3310		76.9	40-130		
3-Nitroaniline	2400		129	ug/kg	3310		72.4	40-130		
4,6-Dinitro-2-methylphenol	2110		328	ug/kg	3310		63.8	30-130		
4-Bromophenyl phenyl ether	2480		129	ug/kg	3310		74.9	40-130		
4-Chloro-3-methylphenol	2360		129	ug/kg	3310		71.4	40-130		
4-Chlorophenyl phenyl ether	2630		129	ug/kg	3310		79.3	40-130		
4-Nitroaniline	2080		129	ug/kg	3310		62.9	40-130		
4-Nitrophenol	3590		328	ug/kg	3310		109	40-130		
Acenaphthene	2130		129	ug/kg	3310		64.2	40-130		
Acenaphthylene	2120		129	ug/kg	3310		63.9	40-130		
Anthracene	2430		129	ug/kg	3310		73.5	40-130		
Benzo(a)anthracene	2310		129	ug/kg	3310		69.7	40-130		
Benzo(a)pyrene	2510		129	ug/kg	3310		75.9	40-130		
Benzo(b)fluoranthene	2470		129	ug/kg	3310		74.7	40-130		
Benzo(g,h,i)perylene	2260		129	ug/kg	3310		68.4	40-130		
Benzo(k)fluoranthene	2620		129	ug/kg	3310		79.2	40-130		
Biphenyl	548		30	ug/kg	828		66.2	40-130		
Bis(2-chloroethoxy)methane	2090		129	ug/kg	3310		63.0	40-130		

Quality Control
(Continued)

Semivolatile organic compounds (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0133 - 1_Semivolatiles Extractions (Continued)										
LCS (B3K0133-BS1)					Prepared: 11/04/23 Analyzed: 11/06/23					
Bis(2-chloroethyl)ether	1730		129	ug/kg	3310		52.3	40-130		
Bis(2-chloroisopropyl)ether	1610		129	ug/kg	3310		48.5	40-130		
Bis(2-ethylhexyl)phthalate	3190		397	ug/kg	3310		96.4	40-130		
Butyl benzyl phthalate	2900		129	ug/kg	3310		87.7	40-130		
Chrysene	2410		129	ug/kg	3310		72.9	40-130		
Di-n-octyl phthalate	2920		199	ug/kg	3310		88.2	40-130		
Dibenz(a,h)anthracene	2350		129	ug/kg	3310		70.8	40-130		
Dibenzofuran	2310		129	ug/kg	3310		69.7	40-130		
Diethyl phthalate	2400		129	ug/kg	3310		72.4	40-130		
Dimethyl phthalate	2250		328	ug/kg	3310		68.1	40-130		
Di-n-butyl phthalate	2700		199	ug/kg	3310		81.6	40-130		
Fluoranthene	2470		129	ug/kg	3310		74.5	40-130		
Fluorene	2410		129	ug/kg	3310		72.9	40-130		
Hexachlorobenzene	2400		129	ug/kg	3310		72.5	40-130		
Hexachlorobutadiene	2700		129	ug/kg	3310		81.7	40-130		
Hexachlorocyclopentadiene	2030		328	ug/kg	3310		61.3	40-130		
Hexachloroethane	2140		129	ug/kg	3310		64.5	40-130		
Indeno(1,2,3-cd)pyrene	2210		129	ug/kg	3310		66.9	40-130		
Isophorone	2280		129	ug/kg	3310		68.9	40-130		
Naphthalene	2150		129	ug/kg	3310		64.8	40-130		
N-Nitrosodimethylamine	2340		129	ug/kg	3310		70.5	40-130		
N-Nitrosodi-n-propylamine	2160		129	ug/kg	3310		65.2	40-130		
N-Nitrosodiphenylamine	2970		129	ug/kg	3310		89.6	40-130		
Pentachlorophenol	1920		328	ug/kg	3310		57.8	15-140		
Phenanthrene	2370		129	ug/kg	3310		71.7	40-130		
Pyrene	2250		129	ug/kg	3310		68.1	40-130		
m&p-Cresol	2020		258	ug/kg	3310		61.1	40-130		
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Surrogate: Nitrobenzene-d5			3010	ug/kg	3310		90.9	30-126		
Surrogate: p-Terphenyl-d14			2760	ug/kg	3310		83.2	47-130		
Surrogate: 2-Fluorobiphenyl			2510	ug/kg	3310		75.8	34-130		
Surrogate: Phenol-d6			2150	ug/kg	3310		64.9	30-130		
Surrogate: 2,4,6-Tribromophenol			3240	ug/kg	3310		97.8	30-130		
Surrogate: 2-Fluorophenol			2120	ug/kg	3310		64.0	30-130		

Quality Control
(Continued)

Semivolatile organic compounds (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0133 - 1_Semivolatiles Extractions (Continued)										
LCS Dup (B3K0133-BSD1)										
					Prepared: 11/04/23		Analyzed: 11/06/23			
1,2,4-Trichlorobenzene	2040		129	ug/kg	3310		61.5	40-130	5.44	30
1,2-Dichlorobenzene	1840		129	ug/kg	3310		55.5	40-130	1.25	30
1,3-Dichlorobenzene	1720		129	ug/kg	3310		52.1	40-130	4.69	30
1,4-Dichlorobenzene	1690		129	ug/kg	3310		51.2	40-130	4.88	30
Phenol	1610		129	ug/kg	3310		48.6	40-130	5.13	30
2,4,5-Trichlorophenol	2020		129	ug/kg	3310		61.1	40-130	2.84	30
2,4,6-Trichlorophenol	2120		129	ug/kg	3310		64.1	40-130	4.12	30
2,4-Dichlorophenol	2090		129	ug/kg	3310		63.1	40-130	6.06	30
2,4-Dimethylphenol	1960		328	ug/kg	3310		59.3	40-130	3.61	30
2,4-Dinitrophenol	855		328	ug/kg	3310		25.8	15-140	5.49	30
2,4-Dinitrotoluene	2460		129	ug/kg	3310		74.3	40-130	7.91	30
2,6-Dinitrotoluene	2330		129	ug/kg	3310		70.4	40-130	0.542	30
2-Chloronaphthalene	1940		129	ug/kg	3310		58.4	40-130	0.206	30
2-Chlorophenol	1790		129	ug/kg	3310		54.0	40-130	3.14	30
2-Methylnaphthalene	2040		129	ug/kg	3310		61.5	40-130	6.51	30
Nitrobenzene	2160		129	ug/kg	3310		65.4	40-130	5.33	30
2-Methylphenol	1850		129	ug/kg	3310		55.9	40-130	7.41	30
2-Nitroaniline	2680		129	ug/kg	3310		81.0	40-130	5.59	30
2-Nitrophenol	2350		328	ug/kg	3310		71.1	40-130	7.76	30
3-Nitroaniline	2300		129	ug/kg	3310		69.4	40-130	4.26	30
4,6-Dinitro-2-methylphenol	1950		328	ug/kg	3310		58.7	30-130	8.26	30
4-Bromophenyl phenyl ether	2260		129	ug/kg	3310		68.2	40-130	9.28	30
4-Chloro-3-methylphenol	2380		129	ug/kg	3310		71.9	40-130	0.698	30
4-Chlorophenyl phenyl ether	2540		129	ug/kg	3310		76.8	40-130	3.18	30
4-Nitroaniline	2080		129	ug/kg	3310		62.7	40-130	0.287	30
4-Nitrophenol	3420		328	ug/kg	3310		103	40-130	4.91	30
Acenaphthene	2110		129	ug/kg	3310		63.7	40-130	0.813	30
Acenaphthylene	2130		129	ug/kg	3310		64.5	40-130	0.873	30
Anthracene	2350		129	ug/kg	3310		70.9	40-130	3.68	30
Benzo(a)anthracene	2230		129	ug/kg	3310		67.2	40-130	3.62	30
Benzo(a)pyrene	2400		129	ug/kg	3310		72.3	40-130	4.83	30
Benzo(b)fluoranthene	2400		129	ug/kg	3310		72.4	40-130	3.02	30
Benzo(g,h,i)perylene	2350		129	ug/kg	3310		70.9	40-130	3.62	30
Benzo(k)fluoranthene	2550		129	ug/kg	3310		77.2	40-130	2.56	30
Biphenyl	554		30	ug/kg	828		66.9	40-130	1.08	30
Bis(2-chloroethoxy)methane	1950		129	ug/kg	3310		58.9	40-130	6.63	30
Bis(2-chloroethyl)ether	1710		129	ug/kg	3310		51.7	40-130	1.31	30
Bis(2-chloroisopropyl)ether	1500		129	ug/kg	3310		45.2	40-130	7.05	30
Bis(2-ethylhexyl)phthalate	3080		397	ug/kg	3310		92.9	40-130	3.72	30
Butyl benzyl phthalate	2840		129	ug/kg	3310		85.8	40-130	2.21	30
Chrysene	2340		129	ug/kg	3310		70.6	40-130	3.23	30
Di-n-octyl phthalate	2790		199	ug/kg	3310		84.3	40-130	4.59	30
Dibenz(a,h)anthracene	2320		129	ug/kg	3310		70.1	40-130	1.05	30
Dibenzofuran	2300		129	ug/kg	3310		69.5	40-130	0.287	30
Diethyl phthalate	2450		129	ug/kg	3310		74.0	40-130	2.19	30
Dimethyl phthalate	2310		328	ug/kg	3310		69.6	40-130	2.24	30
Di-n-butyl phthalate	2650		199	ug/kg	3310		80.1	40-130	1.78	30
Fluoranthene	2400		129	ug/kg	3310		72.4	40-130	2.83	30
Fluorene	2400		129	ug/kg	3310		72.5	40-130	0.495	30
Hexachlorobenzene	2170		129	ug/kg	3310		65.5	40-130	10.1	30
Hexachlorobutadiene	2560		129	ug/kg	3310		77.2	40-130	5.56	30
Hexachlorocyclopentadiene	1980		328	ug/kg	3310		59.7	40-130	2.68	30
Hexachloroethane	2120		129	ug/kg	3310		64.0	40-130	0.809	30
Indeno(1,2,3-cd)pyrene	2260		129	ug/kg	3310		68.2	40-130	1.93	30
Isophorone	2090		129	ug/kg	3310		63.2	40-130	8.60	30
Naphthalene	2040		129	ug/kg	3310		61.7	40-130	4.93	30
N-Nitrosodimethylamine	2500		129	ug/kg	3310		75.6	40-130	6.03	30

Quality Control
(Continued)

Semivolatile organic compounds (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0133 - 1_Semivolatiles Extractions (Continued)										
LCS Dup (B3K0133-BSD1)			Prepared: 11/04/23 Analyzed: 11/06/23							
N-Nitrosodi-n-propylamine	2070		129	ug/kg	3310		62.4	40-130	4.42	30
N-Nitrosodiphenylamine	2750		129	ug/kg	3310		82.9	40-130	7.77	30
Pentachlorophenol	1720		328	ug/kg	3310		52.0	15-140	10.7	30
Phenanthrene	2360		129	ug/kg	3310		71.4	40-130	0.447	30
Pyrene	2330		129	ug/kg	3310		70.5	40-130	3.49	30
m&p-Cresol	1850		258	ug/kg	3310		55.7	40-130	9.17	30
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<i>Surrogate: Nitrobenzene-d5</i>			2830	ug/kg	3310		85.4	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			2740	ug/kg	3310		82.9	47-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			2560	ug/kg	3310		77.4	34-130		
<i>Surrogate: Phenol-d6</i>			2060	ug/kg	3310		62.4	30-130		
<i>Surrogate: 2,4,6-Tribromophenol</i>			3210	ug/kg	3310		97.0	30-130		
<i>Surrogate: 2-Fluorophenol</i>			2010	ug/kg	3310		60.8	30-130		

Batch: B3K0250 - 1_Semivolatiles Extractions

Blank (B3K0250-BLK1)			Prepared: 11/07/23 Analyzed: 11/09/23							
1,2,4-Trichlorobenzene	ND		129	ug/kg						
1,2-Dichlorobenzene	ND		129	ug/kg						
1,3-Dichlorobenzene	ND		129	ug/kg						
1,4-Dichlorobenzene	ND		129	ug/kg						
Phenol	ND		129	ug/kg						
2,4,5-Trichlorophenol	ND		129	ug/kg						
2,4,6-Trichlorophenol	ND		129	ug/kg						
2,4-Dichlorophenol	ND		129	ug/kg						
2,4-Dimethylphenol	ND		328	ug/kg						
2,4-Dinitrophenol	ND		328	ug/kg						
2,4-Dinitrotoluene	ND		129	ug/kg						
2,6-Dinitrotoluene	ND		129	ug/kg						
2-Chloronaphthalene	ND		129	ug/kg						
2-Chlorophenol	ND		129	ug/kg						
2-Methylnaphthalene	ND		129	ug/kg						
Nitrobenzene	ND		129	ug/kg						
2-Methylphenol	ND		129	ug/kg						
2-Nitroaniline	ND		129	ug/kg						
2-Nitrophenol	ND		328	ug/kg						
3,3'-Dichlorobenzidine	ND		328	ug/kg						
3-Nitroaniline	ND		129	ug/kg						
4,6-Dinitro-2-methylphenol	ND		328	ug/kg						
4-Bromophenyl phenyl ether	ND		129	ug/kg						
4-Chloro-3-methylphenol	ND		129	ug/kg						
4-Chloroaniline	ND		129	ug/kg						
4-Chlorophenyl phenyl ether	ND		129	ug/kg						
4-Nitroaniline	ND		129	ug/kg						
4-Nitrophenol	ND		328	ug/kg						
Acenaphthene	ND		129	ug/kg						
Acenaphthylene	ND		129	ug/kg						
Aniline	ND		129	ug/kg						
Anthracene	ND		129	ug/kg						
Benzo(a)anthracene	ND		129	ug/kg						
Benzo(a)pyrene	ND		129	ug/kg						
Benzo(b)fluoranthene	ND		129	ug/kg						
Benzo(g,h,i)perylene	ND		129	ug/kg						
Benzo(k)fluoranthene	ND		129	ug/kg						
Benzoic acid	ND		993	ug/kg						
Biphenyl	ND		30	ug/kg						
Bis(2-chloroethoxy)methane	ND		129	ug/kg						
Bis(2-chloroethyl)ether	ND		129	ug/kg						
Bis(2-chloroisopropyl)ether	ND		129	ug/kg						

Quality Control
(Continued)

Semivolatile organic compounds (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0250 - 1_Semivolatiles Extractions (Continued)										
Blank (B3K0250-BLK1)				Prepared: 11/07/23 Analyzed: 11/09/23						
Bis(2-ethylhexyl)phthalate	ND		397	ug/kg						
Butyl benzyl phthalate	ND		129	ug/kg						
Chrysene	ND		129	ug/kg						
Di-n-octyl phthalate	ND		199	ug/kg						
Dibenz(a,h)anthracene	ND		129	ug/kg						
Dibenzofuran	ND		129	ug/kg						
Diethyl phthalate	ND		129	ug/kg						
Dimethyl phthalate	ND		328	ug/kg						
Di-n-butyl phthalate	ND		199	ug/kg						
Fluoranthene	ND		129	ug/kg						
Fluorene	ND		129	ug/kg						
Hexachlorobenzene	ND		129	ug/kg						
Hexachlorobutadiene	ND		129	ug/kg						
Hexachlorocyclopentadiene	ND		328	ug/kg						
Hexachloroethane	ND		129	ug/kg						
Indeno(1,2,3-cd)pyrene	ND		129	ug/kg						
Isophorone	ND		129	ug/kg						
Naphthalene	ND		129	ug/kg						
N-Nitrosodimethylamine	ND		129	ug/kg						
N-Nitrosodi-n-propylamine	ND		129	ug/kg						
N-Nitrosodiphenylamine	ND		129	ug/kg						
Pentachlorophenol	ND		328	ug/kg						
Phenanthrene	ND		129	ug/kg						
Pyrene	ND		129	ug/kg						
m&p-Cresol	ND		258	ug/kg						
Pyridine	ND		129	ug/kg						
Azobenzene	ND		129	ug/kg						
Total Dichlorobenzene	ND		129	ug/kg						
<hr/>										
<i>Surrogate: Nitrobenzene-d5</i>			2030	ug/kg	3310		61.2	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			2510	ug/kg	3310		75.8	47-135		
<i>Surrogate: 2-Fluorobiphenyl</i>			1750	ug/kg	3310		52.8	34-130		
<i>Surrogate: Phenol-d6</i>			1400	ug/kg	3310		42.4	30-130		
<i>Surrogate: 2,4,6-Tribromophenol</i>			1350	ug/kg	3310		40.9	30-130		
<i>Surrogate: 2-Fluorophenol</i>			1430	ug/kg	3310		43.2	30-130		

Quality Control
(Continued)

Semivolatile organic compounds (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0250 - 1_Semivolatiles Extractions (Continued)										
LCS (B3K0250-BS1)					Prepared: 11/07/23 Analyzed: 11/09/23					
1,2,4-Trichlorobenzene	1730		129	ug/kg	3310		52.2	40-130		
1,2-Dichlorobenzene	1520		129	ug/kg	3310		46.0	40-130		
1,3-Dichlorobenzene	1510		129	ug/kg	3310		45.7	40-130		
1,4-Dichlorobenzene	1490		129	ug/kg	3310		44.9	40-130		
Phenol	1350		129	ug/kg	3310		40.9	40-130		
2,4,5-Trichlorophenol	1540		129	ug/kg	3310		46.5	40-130		
2,4,6-Trichlorophenol	1680		129	ug/kg	3310		50.7	40-130		
2,4-Dichlorophenol	1650		129	ug/kg	3310		49.9	40-130		
2,4-Dimethylphenol	1470		328	ug/kg	3310		44.5	40-130		
2,4-Dinitrophenol	346		328	ug/kg	3310		10.5	15-140		
2,4-Dinitrotoluene	2030		129	ug/kg	3310		61.2	40-130		
2,6-Dinitrotoluene	1810		129	ug/kg	3310		54.5	40-130		
2-Chloronaphthalene	1610		129	ug/kg	3310		48.7	40-130		
2-Chlorophenol	1510		129	ug/kg	3310		45.5	40-130		
2-Methylnaphthalene	1710		129	ug/kg	3310		51.5	40-130		
Nitrobenzene	1920		129	ug/kg	3310		57.9	40-130		
2-Methylphenol	1490		129	ug/kg	3310		45.0	40-130		
2-Nitroaniline	2150		129	ug/kg	3310		65.0	40-130		
2-Nitrophenol	1960		328	ug/kg	3310		59.2	40-130		
3-Nitroaniline	1850		129	ug/kg	3310		55.8	40-130		
4,6-Dinitro-2-methylphenol	1270		328	ug/kg	3310		38.5	30-130		
4-Bromophenyl phenyl ether	1660		129	ug/kg	3310		50.0	40-130		
4-Chloro-3-methylphenol	1880		129	ug/kg	3310		56.7	40-130		
4-Chlorophenyl phenyl ether	1930		129	ug/kg	3310		58.4	40-130		
4-Nitroaniline	1770		129	ug/kg	3310		53.6	40-130		
4-Nitrophenol	2980		328	ug/kg	3310		90.1	40-130		
Acenaphthene	1590		129	ug/kg	3310		48.1	40-130		
Acenaphthylene	1720		129	ug/kg	3310		52.0	40-130		
Anthracene	1900		129	ug/kg	3310		57.5	40-130		
Benzo(a)anthracene	1910		129	ug/kg	3310		57.8	40-130		
Benzo(a)pyrene	2070		129	ug/kg	3310		62.4	40-130		
Benzo(b)fluoranthene	2120		129	ug/kg	3310		64.1	40-130		
Benzo(g,h,i)perylene	1940		129	ug/kg	3310		58.7	40-130		
Benzo(k)fluoranthene	2220		129	ug/kg	3310		67.1	40-130		
Biphenyl	430		30	ug/kg	828		51.9	40-130		
Bis(2-chloroethoxy)methane	1550		129	ug/kg	3310		46.7	40-130		
Bis(2-chloroethyl)ether	1450		129	ug/kg	3310		43.9	40-130		
Bis(2-chloroisopropyl)ether	1250		129	ug/kg	3310		37.6	40-130		
Bis(2-ethylhexyl)phthalate	2590		397	ug/kg	3310		78.2	40-130		
Butyl benzyl phthalate	2460		129	ug/kg	3310		74.4	40-130		
Chrysene	2020		129	ug/kg	3310		61.0	40-130		
Di-n-octyl phthalate	2580		199	ug/kg	3310		77.8	40-130		
Dibenz(a,h)anthracene	1950		129	ug/kg	3310		59.0	40-130		
Dibenzofuran	1900		129	ug/kg	3310		57.4	40-130		
Diethyl phthalate	2010		129	ug/kg	3310		60.8	40-130		
Dimethyl phthalate	1770		328	ug/kg	3310		53.6	40-130		
Di-n-butyl phthalate	2340		199	ug/kg	3310		70.6	40-130		
Fluoranthene	2080		129	ug/kg	3310		62.7	40-130		
Fluorene	1900		129	ug/kg	3310		57.3	40-130		
Hexachlorobenzene	1570		129	ug/kg	3310		47.5	40-130		
Hexachlorobutadiene	2160		129	ug/kg	3310		65.2	40-130		
Hexachlorocyclopentadiene	1590		328	ug/kg	3310		48.0	40-130		
Hexachloroethane	1860		129	ug/kg	3310		56.1	40-130		
Indeno(1,2,3-cd)pyrene	1910		129	ug/kg	3310		57.7	40-130		
Isophorone	1770		129	ug/kg	3310		53.4	40-130		
Naphthalene	1720		129	ug/kg	3310		51.9	40-130		
N-Nitrosodimethylamine	1850		129	ug/kg	3310		55.8	40-130		

Quality Control
(Continued)

Semivolatile organic compounds (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0250 - 1_Semivolatiles Extractions (Continued)										
LCS (B3K0250-BS1)										
					Prepared: 11/07/23 Analyzed: 11/09/23					
N-Nitrosodi-n-propylamine	1740		129	ug/kg	3310		52.4	40-130		
N-Nitrosodiphenylamine	2070		129	ug/kg	3310		62.7	40-130		
Pentachlorophenol	1130		328	ug/kg	3310		34.0	15-140		
Phenanthrene	1840		129	ug/kg	3310		55.7	40-130		
Pyrene	2020		129	ug/kg	3310		61.1	40-130		
m&p-Cresol	1560		258	ug/kg	3310		47.1	40-130		
<hr/>										
<i>Surrogate: Nitrobenzene-d5</i>			<i>3330</i>	ug/kg	<i>3310</i>		<i>100</i>	<i>30-126</i>		
<i>Surrogate: p-Terphenyl-d14</i>			<i>3390</i>	ug/kg	<i>3310</i>		<i>102</i>	<i>47-135</i>		
<i>Surrogate: 2-Fluorobiphenyl</i>			<i>2890</i>	ug/kg	<i>3310</i>		<i>87.2</i>	<i>34-130</i>		
<i>Surrogate: Phenol-d6</i>			<i>2440</i>	ug/kg	<i>3310</i>		<i>73.7</i>	<i>30-130</i>		
<i>Surrogate: 2,4,6-Tribromophenol</i>			<i>3440</i>	ug/kg	<i>3310</i>		<i>104</i>	<i>30-130</i>		
<i>Surrogate: 2-Fluorophenol</i>			<i>2500</i>	ug/kg	<i>3310</i>		<i>75.4</i>	<i>30-130</i>		
<hr/>										
LCS Dup (B3K0250-BSD1)										
					Prepared: 11/07/23 Analyzed: 11/09/23					
1,2,4-Trichlorobenzene	2060		129	ug/kg	3310		62.3	40-130	17.6	30
1,2-Dichlorobenzene	1910		129	ug/kg	3310		57.7	40-130	22.5	30
1,3-Dichlorobenzene	1810		129	ug/kg	3310		54.6	40-130	17.8	30
1,4-Dichlorobenzene	1750		129	ug/kg	3310		52.9	40-130	16.5	30
Phenol	1670		129	ug/kg	3310		50.5	40-130	21.1	30
2,4,5-Trichlorophenol	1990		129	ug/kg	3310		60.1	40-130	25.7	30
2,4,6-Trichlorophenol	2060		129	ug/kg	3310		62.2	40-130	20.4	30
2,4-Dichlorophenol	2090		129	ug/kg	3310		63.2	40-130	23.4	30
2,4-Dimethylphenol	1810		328	ug/kg	3310		54.6	40-130	20.5	30
2,4-Dinitrophenol	1040		328	ug/kg	3310		31.4	15-140	100	30
2,4-Dinitrotoluene	2350		129	ug/kg	3310		70.8	40-130	14.6	30
2,6-Dinitrotoluene	2120		129	ug/kg	3310		64.2	40-130	16.2	30
2-Chloronaphthalene	1880		129	ug/kg	3310		56.8	40-130	15.2	30
2-Chlorophenol	1830		129	ug/kg	3310		55.4	40-130	19.6	30
2-Methylnaphthalene	2030		129	ug/kg	3310		61.3	40-130	17.3	30
Nitrobenzene	2190		129	ug/kg	3310		66.1	40-130	13.3	30
2-Methylphenol	1900		129	ug/kg	3310		57.5	40-130	24.5	30
2-Nitroaniline	2620		129	ug/kg	3310		79.2	40-130	19.8	30
2-Nitrophenol	2390		328	ug/kg	3310		72.1	40-130	19.6	30
3-Nitroaniline	2170		129	ug/kg	3310		65.4	40-130	15.9	30
4,6-Dinitro-2-methylphenol	1830		328	ug/kg	3310		55.1	30-130	35.6	30
4-Bromophenyl phenyl ether	2080		129	ug/kg	3310		62.9	40-130	22.7	30
4-Chloro-3-methylphenol	2260		129	ug/kg	3310		68.3	40-130	18.5	30
4-Chlorophenyl phenyl ether	2370		129	ug/kg	3310		71.6	40-130	20.4	30
4-Nitroaniline	2050		129	ug/kg	3310		61.9	40-130	14.4	30
4-Nitrophenol	3540		328	ug/kg	3310		107	40-130	17.1	30
Acenaphthene	1960		129	ug/kg	3310		59.3	40-130	20.9	30
Acenaphthylene	2080		129	ug/kg	3310		62.8	40-130	18.8	30
Anthracene	2230		129	ug/kg	3310		67.4	40-130	15.8	30
Benzo(a)anthracene	2160		129	ug/kg	3310		65.2	40-130	12.1	30
Benzo(a)pyrene	2370		129	ug/kg	3310		71.6	40-130	13.8	30
Benzo(b)fluoranthene	2420		129	ug/kg	3310		73.1	40-130	13.1	30
Benzo(g,h,i)perylene	2100		129	ug/kg	3310		63.3	40-130	7.64	30
Benzo(k)fluoranthene	2510		129	ug/kg	3310		75.8	40-130	12.2	30
Biphenyl	528		30	ug/kg	828		63.8	40-130	20.5	30
Bis(2-chloroethoxy)methane	1870		129	ug/kg	3310		56.5	40-130	18.9	30
Bis(2-chloroethyl)ether	1690		129	ug/kg	3310		51.0	40-130	14.9	30
Bis(2-chloroisopropyl)ether	1480		129	ug/kg	3310		44.7	40-130	17.2	30
Bis(2-ethylhexyl)phthalate	2930		397	ug/kg	3310		88.6	40-130	12.5	30
Butyl benzyl phthalate	2700		129	ug/kg	3310		81.5	40-130	9.10	30
Chrysene	2330		129	ug/kg	3310		70.2	40-130	14.0	30
Di-n-octyl phthalate	2960		199	ug/kg	3310		89.5	40-130	14.0	30
Dibenz(a,h)anthracene	2110		129	ug/kg	3310		63.8	40-130	7.85	30

Quality Control
(Continued)

Semivolatile organic compounds (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0250 - 1_Semivolatiles Extractions (Continued)										
LCS Dup (B3K0250-BSD1)										
					Prepared: 11/07/23 Analyzed: 11/09/23					
Dibenzofuran	2180		129	ug/kg	3310		65.7	40-130	13.5	30
Diethyl phthalate	2350		129	ug/kg	3310		70.9	40-130	15.3	30
Dimethyl phthalate	2120		328	ug/kg	3310		64.0	40-130	17.7	30
Di-n-butyl phthalate	2580		199	ug/kg	3310		77.9	40-130	9.83	30
Fluoranthene	2360		129	ug/kg	3310		71.2	40-130	12.7	30
Fluorene	2350		129	ug/kg	3310		71.0	40-130	21.3	30
Hexachlorobenzene	1940		129	ug/kg	3310		58.5	40-130	20.8	30
Hexachlorobutadiene	2550		129	ug/kg	3310		77.1	40-130	16.7	30
Hexachlorocyclopentadiene	1940		328	ug/kg	3310		58.5	40-130	19.8	30
Hexachloroethane	2230		129	ug/kg	3310		67.2	40-130	17.9	30
Indeno(1,2,3-cd)pyrene	2060		129	ug/kg	3310		62.3	40-130	7.70	30
Isophorone	2050		129	ug/kg	3310		61.8	40-130	14.6	30
Naphthalene	2080		129	ug/kg	3310		62.8	40-130	19.0	30
N-Nitrosodimethylamine	2280		129	ug/kg	3310		68.7	40-130	20.7	30
N-Nitrosodi-n-propylamine	2120		129	ug/kg	3310		63.9	40-130	19.7	30
N-Nitrosodiphenylamine	2510		129	ug/kg	3310		75.7	40-130	18.8	30
Pentachlorophenol	1730		328	ug/kg	3310		52.1	15-140	42.1	30
Phenanthrene	2240		129	ug/kg	3310		67.7	40-130	19.5	30
Pyrene	2310		129	ug/kg	3310		69.7	40-130	13.2	30
m&p-Cresol	1930		258	ug/kg	3310		58.3	40-130	21.3	30
<hr/>										
<i>Surrogate: Nitrobenzene-d5</i>			3830	ug/kg	3310		116	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			3630	ug/kg	3310		110	47-135		
<i>Surrogate: 2-Fluorobiphenyl</i>			3270	ug/kg	3310		98.9	34-130		
<i>Surrogate: Phenol-d6</i>			2900	ug/kg	3310		87.4	30-130		
<i>Surrogate: 2,4,6-Tribromophenol</i>			4260	ug/kg	3310		129	30-130		
<i>Surrogate: 2-Fluorophenol</i>			2940	ug/kg	3310		88.8	30-130		

Quality Control
(Continued)

Polychlorinated Biphenyls (PCBs)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0229 - 1_Semivolatiles Extractions										
Blank (B3K0229-BLK1)										
					Prepared: 11/07/23 Analyzed: 11/08/23					
Aroclor-1016	ND		66	ug/kg						
Aroclor-1221	ND		66	ug/kg						
Aroclor-1232	ND		66	ug/kg						
Aroclor-1242	ND		66	ug/kg						
Aroclor-1248	ND		66	ug/kg						
Aroclor-1254	ND		66	ug/kg						
Aroclor-1260	ND		66	ug/kg						
Aroclor-1262	ND		66	ug/kg						
Aroclor-1268	ND		66	ug/kg						
PCBs (Total)	ND		66	ug/kg						
<i>Surrogate: 2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>			10.5	ug/kg	13.3		79.1	36.2-130		
<i>Surrogate: Decachlorobiphenyl (DCBP)</i>			11.3	ug/kg	13.3		84.8	43.3-130		
LCS (B3K0229-BS1)										
					Prepared: 11/07/23 Analyzed: 11/08/23					
Aroclor-1016	192		66	ug/kg	167		115	58.2-125		
Aroclor-1260	194		66	ug/kg	167		116	65.5-130		
<i>Surrogate: 2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>			10.9	ug/kg	13.3		81.5	36.2-130		
<i>Surrogate: Decachlorobiphenyl (DCBP)</i>			12.1	ug/kg	13.3		90.5	43.3-130		
LCS Dup (B3K0229-BSD1)										
					Prepared: 11/07/23 Analyzed: 11/08/23					
Aroclor-1016	194		66	ug/kg	167		116	58.2-125	0.794	20
Aroclor-1260	188		66	ug/kg	167		113	65.5-130	3.19	20
<i>Surrogate: 2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>			12.3	ug/kg	13.3		92.0	36.2-130		
<i>Surrogate: Decachlorobiphenyl (DCBP)</i>			12.9	ug/kg	13.3		96.9	43.3-130		

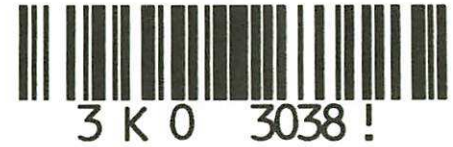
Quality Control
(Continued)

Total Petroleum Hydrocarbons

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0228 - 1_Semivolatiles Extractions										
Blank (B3K0228-BLK1)					Prepared & Analyzed: 11/07/23					
Total Petroleum Hydrocarbons	ND		27	mg/kg						
<i>Surrogate: Chlorooctadecane</i>			4.76	mg/kg	8.33		57.1	50-130		
LCS (B3K0228-BS1)					Prepared: 11/07/23 Analyzed: 11/08/23					
Total Petroleum Hydrocarbons	319		27	mg/kg	667		47.8	44.7-125		
<i>Surrogate: Chlorooctadecane</i>			5.53	mg/kg	8.33		66.3	50-130		
LCS Dup (B3K0228-BSD1)					Prepared: 11/07/23 Analyzed: 11/08/23					
Total Petroleum Hydrocarbons	316		27	mg/kg	667		47.4	44.7-125	0.877	200
<i>Surrogate: Chlorooctadecane</i>			5.65	mg/kg	8.33		67.8	50-130		

Notes and Definitions

Item	Definition
Wet	Sample results reported on a wet weight basis.
ND	Analyte NOT DETECTED at or above the reporting limit.



CHAIN OF CUSTODY RECORD

PROJ. NO.		PROJECT NAME/LOCATION		AQUEOUS	SOIL	OTHER	NO. OF CONTAINERS	PRESERVATIVE	TESTS**					REMARKS					
09050H10		434 Allens Ave Providence, RI							TPH (8100)	VOCs (8260)	Semi-VOCs (8270)	PCBs	Priority Pollutant 13 Metals						
CLIENT Lake Shore Environmental																			
REPORT TO: Dave Hazebrook, Isabella Giacomo INVOICE TO: Same																			
DATE	TIME	COMP	GRAB	SAMPLE I.D.															
4/3/23	8:20	✓		B1-S1				None, MeOH	✓	✓	✓	✓	✓	baggie for moisture					
	8:30			B1-S2															
	8:50			B2-S1															
	9:00			B2-S2															
	9:20			B3-S1															
	9:30			B3-S2															
	9:50			B4-S1															
	10:00			B4-S2															
	12:50			B5-S1															
	1:00			B5-S2															
	11:00			B6-S1															
	11:10			B6-S2															
	12:20			B7-S1															
	12:30			B7-S2															

Sampled by: (Signature) <i>Salle</i>	Date/Time 4/3/23 4:15 PM	Received by: (Signature)	Date/Time	Laboratory Remarks: Temp. received: _____ Cooled <input type="checkbox"/>	Special Instructions: List Specific Detection Limit Requirements: Turnaround (Business Days) _____
Relinquished by: (Signature) <i>Salle</i>	Date/Time 4/3/23 4:55	Received by: (Signature)	Date/Time		
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature) <i>Angyenne Tully</i>	Date/Time 4/3/23 16:55		

**Netlab subcontracts the following tests: Radiologicals, Radon, Asbestos, UCMRs, Perchlorate, Bromate, Bromide, Sieve, Salmonella, Carbamates, CT ETPH



New England Testing Laboratory, Inc.
(401) 353-3420

REPORT OF ANALYTICAL RESULTS

NETLAB Work Order Number: 3K03039
Client Project: 09050 - RIRM, 434 Allens Ave, Providence

Report Date: 13-November-2023

Prepared for:

Dave Hazebrouck
Lake Shore Environmental
359 Putnam Pike Suite 105
Smithfield, RI 02917

Richard Warila, Laboratory Director
New England Testing Laboratory, Inc.
59 Greenhill Street
West Warwick, RI 02893
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Samples Submitted :

The samples listed below were submitted to New England Testing Laboratory on 11/03/23. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is 3K03039. Custody records are included in this report.

Lab ID	Sample	Matrix	Date Sampled	Date Received
3K03039-01	B8-S1	Soil	11/03/2023	11/03/2023
3K03039-02	B8-S2	Soil	11/03/2023	11/03/2023
3K03039-03	B9-S1	Soil	11/03/2023	11/03/2023
3K03039-04	B9-S2	Soil	11/03/2023	11/03/2023
3K03039-05	SP-1	Soil	11/03/2023	11/03/2023
3K03039-06	SP-2	Soil	11/03/2023	11/03/2023
3K03039-07	SP-3	Soil	11/03/2023	11/03/2023
3K03039-08	SP-4	Soil	11/03/2023	11/03/2023

Request for Analysis

At the client's request, the analyses presented in the following table were performed on the samples submitted.

B8-S1 (Lab Number: 3K03039-01)**Analysis**

Antimony
 Arsenic
 Beryllium
 Cadmium
 Chromium
 Copper
 Lead
 Mercury
 Nickel
 PCBs
 Selenium
 Semivolatile Organic Compounds
 Silver
 Thallium
 Total Petroleum Hydrocarbons
 Volatile Organic Compounds
 Zinc

Method

EPA 6010C
 EPA 6010C
 EPA 6010C
 EPA 6010C
 EPA 6010C
 EPA 6010C
 EPA 6010C
 EPA 6010C
 EPA 7471B
 EPA 6010C
 EPA 8082A
 EPA 6010C
 EPA 8270D
 EPA 6010C
 EPA 6010C
 EPA 8100-mod
 EPA 8260C
 EPA 6010C

B8-S2 (Lab Number: 3K03039-02)**Analysis**

Antimony
 Arsenic
 Beryllium
 Cadmium
 Chromium
 Copper
 Lead
 Mercury
 Nickel
 PCBs
 Selenium
 Semivolatile Organic Compounds
 Silver
 Thallium
 Total Petroleum Hydrocarbons
 Volatile Organic Compounds
 Zinc

Method

EPA 6010C
 EPA 6010C
 EPA 6010C
 EPA 6010C
 EPA 6010C
 EPA 6010C
 EPA 6010C
 EPA 7471B
 EPA 6010C
 EPA 8082A
 EPA 6010C
 EPA 8270D
 EPA 6010C
 EPA 6010C
 EPA 8100-mod
 EPA 8260C
 EPA 6010C

B9-S1 (Lab Number: 3K03039-03)**Analysis**

Antimony
 Arsenic
 Beryllium
 Cadmium
 Chromium
 Copper
 Lead
 Mercury
 Nickel

Method

EPA 6010C
 EPA 6010C
 EPA 6010C
 EPA 6010C
 EPA 6010C
 EPA 6010C
 EPA 6010C
 EPA 7471B
 EPA 6010C

Request for Analysis (continued)

B9-S1 (Lab Number: 3K03039-03) (continued)

Analysis

PCBs
Selenium
Semivolatile Organic Compounds
Silver
Thallium
Total Petroleum Hydrocarbons
Volatile Organic Compounds
Zinc

Method

EPA 8082A
EPA 6010C
EPA 8270D
EPA 6010C
EPA 6010C
EPA 6010C
EPA-8100-mod
EPA 8260C
EPA 6010C

B9-S2 (Lab Number: 3K03039-04)

Analysis

Antimony
Arsenic
Beryllium
Cadmium
Chromium
Copper
Lead
Mercury
Nickel
PCBs
Selenium
Semivolatile Organic Compounds
Silver
Thallium
Total Petroleum Hydrocarbons
Volatile Organic Compounds
Zinc

Method

EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 7471B
EPA 6010C
EPA 8082A
EPA 6010C
EPA 8270D
EPA 6010C
EPA 6010C
EPA-8100-mod
EPA 8260C
EPA 6010C

SP-1 (Lab Number: 3K03039-05)

Analysis

Antimony
Arsenic
Beryllium
Cadmium
Chromium
Copper
Lead
Mercury
Nickel
PCBs
Selenium
Semivolatile Organic Compounds
Silver
Thallium
Total Petroleum Hydrocarbons
Volatile Organic Compounds
Zinc

Method

EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 7471B
EPA 6010C
EPA 8082A
EPA 6010C
EPA 8270D
EPA 6010C
EPA 6010C
EPA-8100-mod
EPA 8260C
EPA 6010C

Request for Analysis (continued)

SP-2 (Lab Number: 3K03039-06)

Analysis

Antimony
Arsenic
Beryllium
Cadmium
Chromium
Copper
Lead
Mercury
Nickel
PCBs
Selenium
Semivolatile Organic Compounds
Silver
Thallium
Total Petroleum Hydrocarbons
Volatile Organic Compounds
Zinc

Method

EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 7471B
EPA 6010C
EPA 8082A
EPA 6010C
EPA 8270D
EPA 6010C
EPA 6010C
EPA-8100-mod
EPA 8260C
EPA 6010C

SP-3 (Lab Number: 3K03039-07)

Analysis

Antimony
Arsenic
Beryllium
Cadmium
Chromium
Copper
Lead
Mercury
Nickel
PCBs
Selenium
Semivolatile Organic Compounds
Silver
Thallium
Total Petroleum Hydrocarbons
Volatile Organic Compounds
Zinc

Method

EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 7471B
EPA 6010C
EPA 8082A
EPA 6010C
EPA 8270D
EPA 6010C
EPA 6010C
EPA-8100-mod
EPA 8260C
EPA 6010C

Request for Analysis (continued)

SP-4 (Lab Number: 3K03039-08)

Analysis

Antimony
Arsenic
Beryllium
Cadmium
Chromium
Copper
Lead
Mercury
Nickel
PCBs
Selenium
Semivolatile Organic Compounds
Silver
Thallium
Total Petroleum Hydrocarbons
Volatile Organic Compounds
Zinc

Method

EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
EPA 7471B
EPA 6010C
EPA 8082A
EPA 6010C
EPA 8270D
EPA 6010C
EPA 6010C
EPA-8100-mod
EPA 8260C
EPA 6010C

Method References

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, USEPA

Case Narrative

Sample Receipt:

The samples associated with this work order were received in appropriately cooled and preserved containers. The chain of custody was adequately completed and corresponded to the samples submitted.

Exceptions: None

Analysis:

All samples were prepared and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control requirements and allowances. Results for all soil samples, unless otherwise indicated, are reported on a dry weight basis.

Exceptions: None

Results: Total Metals**Sample: B8-S1****Lab Number: 3K03039-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Antimony	1.02		0.77	mg/kg	11/06/23	11/09/23
Arsenic	4.07		1.17	mg/kg	11/06/23	11/09/23
Beryllium	ND		0.39	mg/kg	11/06/23	11/09/23
Cadmium	3.22		0.59	mg/kg	11/06/23	11/09/23
Chromium	33.5		0.59	mg/kg	11/06/23	11/09/23
Copper	142		2.34	mg/kg	11/06/23	11/09/23
Lead	202		0.59	mg/kg	11/06/23	11/09/23
Mercury	0.553		0.132	mg/kg	11/06/23	11/07/23
Nickel	130		0.59	mg/kg	11/06/23	11/09/23
Selenium	ND		1.17	mg/kg	11/06/23	11/09/23
Silver	ND		1.17	mg/kg	11/06/23	11/09/23
Zinc	315		2.3	mg/kg	11/06/23	11/09/23
Thallium	ND		0.39	mg/kg	11/06/23	11/09/23

Results: Total Metals

Sample: B8-S2
Lab Number: 3K03039-02 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Antimony	0.98		0.86	mg/kg	11/06/23	11/09/23
Arsenic	6.40		1.30	mg/kg	11/06/23	11/09/23
Beryllium	ND		0.43	mg/kg	11/06/23	11/09/23
Cadmium	2.89		0.65	mg/kg	11/06/23	11/09/23
Chromium	23.9		0.65	mg/kg	11/06/23	11/09/23
Copper	229		2.60	mg/kg	11/06/23	11/09/23
Lead	408		0.65	mg/kg	11/06/23	11/09/23
Mercury	0.326		0.143	mg/kg	11/06/23	11/07/23
Nickel	38.5		0.65	mg/kg	11/06/23	11/09/23
Selenium	ND		1.30	mg/kg	11/06/23	11/09/23
Silver	ND		1.30	mg/kg	11/06/23	11/09/23
Zinc	246		2.6	mg/kg	11/06/23	11/09/23
Thallium	ND		0.43	mg/kg	11/06/23	11/09/23

Results: Total Metals**Sample: B9-S1****Lab Number: 3K03039-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Antimony	ND		0.85	mg/kg	11/06/23	11/09/23
Arsenic	2.27		1.29	mg/kg	11/06/23	11/09/23
Beryllium	ND		0.43	mg/kg	11/06/23	11/09/23
Cadmium	1.12		0.65	mg/kg	11/06/23	11/09/23
Chromium	15.1		0.65	mg/kg	11/06/23	11/09/23
Copper	42.2		2.58	mg/kg	11/06/23	11/09/23
Lead	56.2		0.65	mg/kg	11/06/23	11/09/23
Mercury	ND		0.142	mg/kg	11/06/23	11/07/23
Nickel	12.4		0.65	mg/kg	11/06/23	11/09/23
Selenium	ND		1.29	mg/kg	11/06/23	11/09/23
Silver	ND		1.29	mg/kg	11/06/23	11/09/23
Zinc	133		2.6	mg/kg	11/06/23	11/09/23
Thallium	ND		0.43	mg/kg	11/06/23	11/09/23

Results: Total Metals**Sample: B9-S2****Lab Number: 3K03039-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Antimony	2.18		0.89	mg/kg	11/06/23	11/10/23
Arsenic	5.97		1.35	mg/kg	11/06/23	11/10/23
Beryllium	ND		0.44	mg/kg	11/06/23	11/10/23
Cadmium	1.51		0.67	mg/kg	11/06/23	11/10/23
Chromium	7.86		0.67	mg/kg	11/06/23	11/10/23
Copper	50.6		2.70	mg/kg	11/06/23	11/10/23
Lead	179		0.67	mg/kg	11/06/23	11/10/23
Mercury	0.311		0.135	mg/kg	11/06/23	11/07/23
Nickel	13.8		0.67	mg/kg	11/06/23	11/10/23
Selenium	ND		1.35	mg/kg	11/06/23	11/10/23
Silver	ND		1.35	mg/kg	11/06/23	11/10/23
Zinc	132		2.7	mg/kg	11/06/23	11/10/23
Thallium	ND		0.44	mg/kg	11/06/23	11/10/23

Results: Total Metals**Sample: SP-1****Lab Number: 3K03039-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Antimony	ND		0.79	mg/kg	11/06/23	11/10/23
Arsenic	2.13		1.20	mg/kg	11/06/23	11/10/23
Beryllium	ND		0.40	mg/kg	11/06/23	11/10/23
Cadmium	1.91		0.60	mg/kg	11/06/23	11/10/23
Chromium	10.4		0.60	mg/kg	11/06/23	11/10/23
Copper	66.7		2.40	mg/kg	11/06/23	11/10/23
Lead	62.2		0.60	mg/kg	11/06/23	11/10/23
Mercury	0.183		0.136	mg/kg	11/06/23	11/07/23
Nickel	20.0		0.60	mg/kg	11/06/23	11/10/23
Selenium	ND		1.20	mg/kg	11/06/23	11/10/23
Silver	ND		1.20	mg/kg	11/06/23	11/10/23
Zinc	181		2.4	mg/kg	11/06/23	11/10/23
Thallium	ND		0.40	mg/kg	11/06/23	11/10/23

Results: Total Metals**Sample: SP-2****Lab Number: 3K03039-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Antimony	1.70		0.84	mg/kg	11/06/23	11/10/23
Arsenic	8.25		1.27	mg/kg	11/06/23	11/10/23
Beryllium	ND		0.42	mg/kg	11/06/23	11/10/23
Cadmium	3.62		0.63	mg/kg	11/06/23	11/10/23
Chromium	36.5		0.63	mg/kg	11/06/23	11/10/23
Copper	160		2.54	mg/kg	11/06/23	11/10/23
Lead	193		0.63	mg/kg	11/06/23	11/10/23
Mercury	0.483		0.153	mg/kg	11/06/23	11/07/23
Nickel	39.0		0.63	mg/kg	11/06/23	11/10/23
Selenium	ND		1.27	mg/kg	11/06/23	11/10/23
Silver	ND		1.27	mg/kg	11/06/23	11/10/23
Zinc	325		2.5	mg/kg	11/06/23	11/10/23
Thallium	ND		0.42	mg/kg	11/06/23	11/10/23

Results: Total Metals**Sample: SP-3****Lab Number: 3K03039-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Antimony	ND		0.77	mg/kg	11/06/23	11/10/23
Arsenic	8.19		1.17	mg/kg	11/06/23	11/10/23
Beryllium	ND		0.39	mg/kg	11/06/23	11/10/23
Cadmium	3.43		0.59	mg/kg	11/06/23	11/10/23
Chromium	53.9		0.59	mg/kg	11/06/23	11/10/23
Copper	135		2.34	mg/kg	11/06/23	11/10/23
Lead	141		0.59	mg/kg	11/06/23	11/10/23
Mercury	1.55		1.39	mg/kg	11/06/23	11/07/23
Nickel	34.5		0.59	mg/kg	11/06/23	11/10/23
Selenium	ND		1.17	mg/kg	11/06/23	11/10/23
Silver	ND		1.17	mg/kg	11/06/23	11/10/23
Zinc	448		2.3	mg/kg	11/06/23	11/10/23
Thallium	ND		0.39	mg/kg	11/06/23	11/10/23

Results: Total Metals**Sample: SP-4****Lab Number: 3K03039-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Antimony	1.25		0.87	mg/kg	11/06/23	11/10/23
Arsenic	7.72		1.31	mg/kg	11/06/23	11/10/23
Beryllium	ND		0.43	mg/kg	11/06/23	11/10/23
Cadmium	4.06		0.66	mg/kg	11/06/23	11/10/23
Chromium	97.8		0.66	mg/kg	11/06/23	11/10/23
Copper	213		2.63	mg/kg	11/06/23	11/10/23
Lead	334		0.66	mg/kg	11/06/23	11/10/23
Mercury	0.656		0.150	mg/kg	11/06/23	11/07/23
Nickel	81.6		0.66	mg/kg	11/06/23	11/10/23
Selenium	ND		1.31	mg/kg	11/06/23	11/10/23
Silver	ND		1.31	mg/kg	11/06/23	11/10/23
Zinc	586		2.6	mg/kg	11/06/23	11/10/23
Thallium	ND		0.43	mg/kg	11/06/23	11/10/23

Results: Volatile Organic Compounds 8260C (5035-HL)

Sample: B8-S1

Lab Number: 3K03039-01 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		2710	ug/kg	11/07/23	11/07/23
Benzene	ND		54	ug/kg	11/07/23	11/07/23
Bromobenzene	ND		54	ug/kg	11/07/23	11/07/23
Bromochloromethane	ND		54	ug/kg	11/07/23	11/07/23
Bromodichloromethane	ND		54	ug/kg	11/07/23	11/07/23
Bromoform	ND		54	ug/kg	11/07/23	11/07/23
Bromomethane	ND		54	ug/kg	11/07/23	11/07/23
2-Butanone	ND		1360	ug/kg	11/07/23	11/07/23
tert-Butyl alcohol	ND		271	ug/kg	11/07/23	11/07/23
sec-Butylbenzene	ND		54	ug/kg	11/07/23	11/07/23
n-Butylbenzene	ND		54	ug/kg	11/07/23	11/07/23
tert-Butylbenzene	ND		54	ug/kg	11/07/23	11/07/23
Methyl t-butyl ether (MTBE)	ND		54	ug/kg	11/07/23	11/07/23
Carbon Disulfide	ND		54	ug/kg	11/07/23	11/07/23
Carbon Tetrachloride	ND		54	ug/kg	11/07/23	11/07/23
Chlorobenzene	ND		54	ug/kg	11/07/23	11/07/23
Chloroethane	ND		54	ug/kg	11/07/23	11/07/23
Chloroform	ND		54	ug/kg	11/07/23	11/07/23
Chloromethane	ND		54	ug/kg	11/07/23	11/07/23
4-Chlorotoluene	ND		54	ug/kg	11/07/23	11/07/23
2-Chlorotoluene	ND		54	ug/kg	11/07/23	11/07/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		54	ug/kg	11/07/23	11/07/23
Dibromochloromethane	ND		54	ug/kg	11/07/23	11/07/23
1,2-Dibromoethane (EDB)	ND		54	ug/kg	11/07/23	11/07/23
Dibromomethane	ND		54	ug/kg	11/07/23	11/07/23
1,2-Dichlorobenzene	ND		54	ug/kg	11/07/23	11/07/23
1,3-Dichlorobenzene	ND		54	ug/kg	11/07/23	11/07/23
1,4-Dichlorobenzene	ND		54	ug/kg	11/07/23	11/07/23
1,1-Dichloroethane	ND		54	ug/kg	11/07/23	11/07/23
1,2-Dichloroethane	ND		54	ug/kg	11/07/23	11/07/23
trans-1,2-Dichloroethene	ND		54	ug/kg	11/07/23	11/07/23
cis-1,2-Dichloroethene	ND		54	ug/kg	11/07/23	11/07/23
1,1-Dichloroethene	ND		54	ug/kg	11/07/23	11/07/23
1,2-Dichloropropane	ND		54	ug/kg	11/07/23	11/07/23
2,2-Dichloropropane	ND		54	ug/kg	11/07/23	11/07/23
cis-1,3-Dichloropropene	ND		54	ug/kg	11/07/23	11/07/23
trans-1,3-Dichloropropene	ND		54	ug/kg	11/07/23	11/07/23
1,1-Dichloropropene	ND		54	ug/kg	11/07/23	11/07/23
1,3-Dichloropropene (cis + trans)	ND		109	ug/kg	11/07/23	11/07/23
Diethyl ether	ND		271	ug/kg	11/07/23	11/07/23
1,4-Dioxane	ND		5430	ug/kg	11/07/23	11/07/23
Ethylbenzene	ND		54	ug/kg	11/07/23	11/07/23
Hexachlorobutadiene	ND		54	ug/kg	11/07/23	11/07/23
2-Hexanone	ND		543	ug/kg	11/07/23	11/07/23
Isopropylbenzene	ND		54	ug/kg	11/07/23	11/07/23
p-Isopropyltoluene	ND		54	ug/kg	11/07/23	11/07/23
Methylene Chloride	ND		271	ug/kg	11/07/23	11/07/23
4-Methyl-2-pentanone	ND		380	ug/kg	11/07/23	11/07/23

Results: Volatile Organic Compounds 8260C (5035-HL) (Continued)

Sample: B8-S1 (Continued)

Lab Number: 3K03039-01 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		54	ug/kg	11/07/23	11/07/23
n-Propylbenzene	ND		54	ug/kg	11/07/23	11/07/23
Styrene	ND		54	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		54	ug/kg	11/07/23	11/07/23
Tetrachloroethene	ND		54	ug/kg	11/07/23	11/07/23
Tetrahydrofuran	ND		271	ug/kg	11/07/23	11/07/23
Toluene	74		54	ug/kg	11/07/23	11/07/23
1,2,4-Trichlorobenzene	ND		54	ug/kg	11/07/23	11/07/23
1,2,3-Trichlorobenzene	ND		54	ug/kg	11/07/23	11/07/23
1,1,2-Trichloroethane	ND		54	ug/kg	11/07/23	11/07/23
1,1,1-Trichloroethane	ND		54	ug/kg	11/07/23	11/07/23
Trichloroethene	ND		54	ug/kg	11/07/23	11/07/23
1,2,3-Trichloropropane	ND		54	ug/kg	11/07/23	11/07/23
1,3,5-Trimethylbenzene	ND		54	ug/kg	11/07/23	11/07/23
1,2,4-Trimethylbenzene	ND		54	ug/kg	11/07/23	11/07/23
Vinyl Chloride	ND		54	ug/kg	11/07/23	11/07/23
o-Xylene	ND		54	ug/kg	11/07/23	11/07/23
m&p-Xylene	ND		109	ug/kg	11/07/23	11/07/23
Total xylenes	ND		54	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		54	ug/kg	11/07/23	11/07/23
tert-Amyl methyl ether	ND		54	ug/kg	11/07/23	11/07/23
1,3-Dichloropropane	ND		54	ug/kg	11/07/23	11/07/23
Ethyl tert-butyl ether	ND		54	ug/kg	11/07/23	11/07/23
Diisopropyl ether	ND		54	ug/kg	11/07/23	11/07/23
Trichlorofluoromethane	137		54	ug/kg	11/07/23	11/07/23
Dichlorodifluoromethane	ND		54	ug/kg	11/07/23	11/07/23
1,2 Dichloroethene, Total	ND		271	ug/kg	11/07/23	11/07/23
<hr/>						
Surrogate(s)	Recovery%		Limits			
<hr/>						
4-Bromofluorobenzene	93.4%		70-130		11/07/23	11/07/23
1,2-Dichloroethane-d4	114%		70-130		11/07/23	11/07/23
Toluene-d8	96.2%		70-130		11/07/23	11/07/23

Results: Volatile Organic Compounds 8260C (5035-HL)

Sample: B8-S2

Lab Number: 3K03039-02 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		2810	ug/kg	11/07/23	11/07/23
Benzene	ND		56	ug/kg	11/07/23	11/07/23
Bromobenzene	ND		56	ug/kg	11/07/23	11/07/23
Bromochloromethane	ND		56	ug/kg	11/07/23	11/07/23
Bromodichloromethane	ND		56	ug/kg	11/07/23	11/07/23
Bromoform	ND		56	ug/kg	11/07/23	11/07/23
Bromomethane	ND		56	ug/kg	11/07/23	11/07/23
2-Butanone	ND		1400	ug/kg	11/07/23	11/07/23
tert-Butyl alcohol	ND		281	ug/kg	11/07/23	11/07/23
sec-Butylbenzene	208		56	ug/kg	11/07/23	11/07/23
n-Butylbenzene	ND		56	ug/kg	11/07/23	11/07/23
tert-Butylbenzene	ND		56	ug/kg	11/07/23	11/07/23
Methyl t-butyl ether (MTBE)	ND		56	ug/kg	11/07/23	11/07/23
Carbon Disulfide	ND		56	ug/kg	11/07/23	11/07/23
Carbon Tetrachloride	ND		56	ug/kg	11/07/23	11/07/23
Chlorobenzene	ND		56	ug/kg	11/07/23	11/07/23
Chloroethane	ND		56	ug/kg	11/07/23	11/07/23
Chloroform	ND		56	ug/kg	11/07/23	11/07/23
Chloromethane	ND		56	ug/kg	11/07/23	11/07/23
4-Chlorotoluene	ND		56	ug/kg	11/07/23	11/07/23
2-Chlorotoluene	ND		56	ug/kg	11/07/23	11/07/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		56	ug/kg	11/07/23	11/07/23
Dibromochloromethane	ND		56	ug/kg	11/07/23	11/07/23
1,2-Dibromoethane (EDB)	ND		56	ug/kg	11/07/23	11/07/23
Dibromomethane	ND		56	ug/kg	11/07/23	11/07/23
1,2-Dichlorobenzene	ND		56	ug/kg	11/07/23	11/07/23
1,3-Dichlorobenzene	ND		56	ug/kg	11/07/23	11/07/23
1,4-Dichlorobenzene	ND		56	ug/kg	11/07/23	11/07/23
1,1-Dichloroethane	ND		56	ug/kg	11/07/23	11/07/23
1,2-Dichloroethane	ND		56	ug/kg	11/07/23	11/07/23
trans-1,2-Dichloroethene	ND		56	ug/kg	11/07/23	11/07/23
cis-1,2-Dichloroethene	ND		56	ug/kg	11/07/23	11/07/23
1,1-Dichloroethene	ND		56	ug/kg	11/07/23	11/07/23
1,2-Dichloropropane	ND		56	ug/kg	11/07/23	11/07/23
2,2-Dichloropropane	ND		56	ug/kg	11/07/23	11/07/23
cis-1,3-Dichloropropene	ND		56	ug/kg	11/07/23	11/07/23
trans-1,3-Dichloropropene	ND		56	ug/kg	11/07/23	11/07/23
1,1-Dichloropropene	ND		56	ug/kg	11/07/23	11/07/23
1,3-Dichloropropene (cis + trans)	ND		112	ug/kg	11/07/23	11/07/23
Diethyl ether	ND		281	ug/kg	11/07/23	11/07/23
1,4-Dioxane	ND		5610	ug/kg	11/07/23	11/07/23
Ethylbenzene	1010		56	ug/kg	11/07/23	11/07/23
Hexachlorobutadiene	ND		56	ug/kg	11/07/23	11/07/23
2-Hexanone	ND		561	ug/kg	11/07/23	11/07/23
Isopropylbenzene	ND		56	ug/kg	11/07/23	11/07/23
p-Isopropyltoluene	130		56	ug/kg	11/07/23	11/07/23
Methylene Chloride	ND		281	ug/kg	11/07/23	11/07/23
4-Methyl-2-pentanone	ND		393	ug/kg	11/07/23	11/07/23

Results: Volatile Organic Compounds 8260C (5035-HL) (Continued)

Sample: B8-S2 (Continued)

Lab Number: 3K03039-02 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	718		56	ug/kg	11/07/23	11/07/23
n-Propylbenzene	1650		56	ug/kg	11/07/23	11/07/23
Styrene	ND		56	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		56	ug/kg	11/07/23	11/07/23
Tetrachloroethene	ND		56	ug/kg	11/07/23	11/07/23
Tetrahydrofuran	ND		281	ug/kg	11/07/23	11/07/23
Toluene	1240		56	ug/kg	11/07/23	11/07/23
1,2,4-Trichlorobenzene	ND		56	ug/kg	11/07/23	11/07/23
1,2,3-Trichlorobenzene	ND		56	ug/kg	11/07/23	11/07/23
1,1,2-Trichloroethane	ND		56	ug/kg	11/07/23	11/07/23
1,1,1-Trichloroethane	ND		56	ug/kg	11/07/23	11/07/23
Trichloroethene	ND		56	ug/kg	11/07/23	11/07/23
1,2,3-Trichloropropane	ND		56	ug/kg	11/07/23	11/07/23
1,3,5-Trimethylbenzene	3960		56	ug/kg	11/07/23	11/07/23
1,2,4-Trimethylbenzene	8670		56	ug/kg	11/07/23	11/07/23
Vinyl Chloride	ND		56	ug/kg	11/07/23	11/07/23
o-Xylene	830		56	ug/kg	11/07/23	11/07/23
m&p-Xylene	3890		112	ug/kg	11/07/23	11/07/23
Total xylenes	4720		56	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		56	ug/kg	11/07/23	11/07/23
tert-Amyl methyl ether	ND		56	ug/kg	11/07/23	11/07/23
1,3-Dichloropropane	ND		56	ug/kg	11/07/23	11/07/23
Ethyl tert-butyl ether	ND		56	ug/kg	11/07/23	11/07/23
Diisopropyl ether	ND		56	ug/kg	11/07/23	11/07/23
Trichlorofluoromethane	432		56	ug/kg	11/07/23	11/07/23
Dichlorodifluoromethane	ND		56	ug/kg	11/07/23	11/07/23
1,2 Dichloroethene, Total	ND		281	ug/kg	11/07/23	11/07/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	98.7%		70-130		11/07/23	11/07/23
<i>1,2-Dichloroethane-d4</i>	103%		70-130		11/07/23	11/07/23
<i>Toluene-d8</i>	103%		70-130		11/07/23	11/07/23

Results: Volatile Organic Compounds 8260C (5035-HL)

Sample: B9-S1

Lab Number: 3K03039-03 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		3260	ug/kg	11/07/23	11/07/23
Benzene	ND		65	ug/kg	11/07/23	11/07/23
Bromobenzene	ND		65	ug/kg	11/07/23	11/07/23
Bromochloromethane	ND		65	ug/kg	11/07/23	11/07/23
Bromodichloromethane	ND		65	ug/kg	11/07/23	11/07/23
Bromoform	ND		65	ug/kg	11/07/23	11/07/23
Bromomethane	ND		65	ug/kg	11/07/23	11/07/23
2-Butanone	ND		1630	ug/kg	11/07/23	11/07/23
tert-Butyl alcohol	ND		326	ug/kg	11/07/23	11/07/23
sec-Butylbenzene	ND		65	ug/kg	11/07/23	11/07/23
n-Butylbenzene	ND		65	ug/kg	11/07/23	11/07/23
tert-Butylbenzene	ND		65	ug/kg	11/07/23	11/07/23
Methyl t-butyl ether (MTBE)	ND		65	ug/kg	11/07/23	11/07/23
Carbon Disulfide	ND		65	ug/kg	11/07/23	11/07/23
Carbon Tetrachloride	ND		65	ug/kg	11/07/23	11/07/23
Chlorobenzene	ND		65	ug/kg	11/07/23	11/07/23
Chloroethane	ND		65	ug/kg	11/07/23	11/07/23
Chloroform	ND		65	ug/kg	11/07/23	11/07/23
Chloromethane	ND		65	ug/kg	11/07/23	11/07/23
4-Chlorotoluene	ND		65	ug/kg	11/07/23	11/07/23
2-Chlorotoluene	ND		65	ug/kg	11/07/23	11/07/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		65	ug/kg	11/07/23	11/07/23
Dibromochloromethane	ND		65	ug/kg	11/07/23	11/07/23
1,2-Dibromoethane (EDB)	ND		65	ug/kg	11/07/23	11/07/23
Dibromomethane	ND		65	ug/kg	11/07/23	11/07/23
1,2-Dichlorobenzene	ND		65	ug/kg	11/07/23	11/07/23
1,3-Dichlorobenzene	ND		65	ug/kg	11/07/23	11/07/23
1,4-Dichlorobenzene	ND		65	ug/kg	11/07/23	11/07/23
1,1-Dichloroethane	ND		65	ug/kg	11/07/23	11/07/23
1,2-Dichloroethane	ND		65	ug/kg	11/07/23	11/07/23
trans-1,2-Dichloroethene	ND		65	ug/kg	11/07/23	11/07/23
cis-1,2-Dichloroethene	ND		65	ug/kg	11/07/23	11/07/23
1,1-Dichloroethene	ND		65	ug/kg	11/07/23	11/07/23
1,2-Dichloropropane	ND		65	ug/kg	11/07/23	11/07/23
2,2-Dichloropropane	ND		65	ug/kg	11/07/23	11/07/23
cis-1,3-Dichloropropene	ND		65	ug/kg	11/07/23	11/07/23
trans-1,3-Dichloropropene	ND		65	ug/kg	11/07/23	11/07/23
1,1-Dichloropropene	ND		65	ug/kg	11/07/23	11/07/23
1,3-Dichloropropene (cis + trans)	ND		131	ug/kg	11/07/23	11/07/23
Diethyl ether	ND		326	ug/kg	11/07/23	11/07/23
1,4-Dioxane	ND		6530	ug/kg	11/07/23	11/07/23
Ethylbenzene	ND		65	ug/kg	11/07/23	11/07/23
Hexachlorobutadiene	ND		65	ug/kg	11/07/23	11/07/23
2-Hexanone	ND		653	ug/kg	11/07/23	11/07/23
Isopropylbenzene	ND		65	ug/kg	11/07/23	11/07/23
p-Isopropyltoluene	ND		65	ug/kg	11/07/23	11/07/23
Methylene Chloride	ND		326	ug/kg	11/07/23	11/07/23
4-Methyl-2-pentanone	ND		457	ug/kg	11/07/23	11/07/23

Results: Volatile Organic Compounds 8260C (5035-HL) (Continued)

Sample: B9-S1 (Continued)

Lab Number: 3K03039-03 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		65	ug/kg	11/07/23	11/07/23
n-Propylbenzene	ND		65	ug/kg	11/07/23	11/07/23
Styrene	ND		65	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		65	ug/kg	11/07/23	11/07/23
Tetrachloroethene	ND		65	ug/kg	11/07/23	11/07/23
Tetrahydrofuran	ND		326	ug/kg	11/07/23	11/07/23
Toluene	140		65	ug/kg	11/07/23	11/07/23
1,2,4-Trichlorobenzene	ND		65	ug/kg	11/07/23	11/07/23
1,2,3-Trichlorobenzene	ND		65	ug/kg	11/07/23	11/07/23
1,1,2-Trichloroethane	ND		65	ug/kg	11/07/23	11/07/23
1,1,1-Trichloroethane	ND		65	ug/kg	11/07/23	11/07/23
Trichloroethene	ND		65	ug/kg	11/07/23	11/07/23
1,2,3-Trichloropropane	ND		65	ug/kg	11/07/23	11/07/23
1,3,5-Trimethylbenzene	ND		65	ug/kg	11/07/23	11/07/23
1,2,4-Trimethylbenzene	90		65	ug/kg	11/07/23	11/07/23
Vinyl Chloride	ND		65	ug/kg	11/07/23	11/07/23
o-Xylene	ND		65	ug/kg	11/07/23	11/07/23
m&p-Xylene	ND		131	ug/kg	11/07/23	11/07/23
Total xylenes	ND		65	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		65	ug/kg	11/07/23	11/07/23
tert-Amyl methyl ether	ND		65	ug/kg	11/07/23	11/07/23
1,3-Dichloropropane	ND		65	ug/kg	11/07/23	11/07/23
Ethyl tert-butyl ether	ND		65	ug/kg	11/07/23	11/07/23
Diisopropyl ether	ND		65	ug/kg	11/07/23	11/07/23
Trichlorofluoromethane	307		65	ug/kg	11/07/23	11/07/23
Dichlorodifluoromethane	ND		65	ug/kg	11/07/23	11/07/23
1,2 Dichloroethene, Total	ND		326	ug/kg	11/07/23	11/07/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>95.8%</i>		<i>70-130</i>		11/07/23	11/07/23
<i>1,2-Dichloroethane-d4</i>	<i>110%</i>		<i>70-130</i>		11/07/23	11/07/23
<i>Toluene-d8</i>	<i>92.8%</i>		<i>70-130</i>		11/07/23	11/07/23

Results: Volatile Organic Compounds 8260C (5035-HL)

Sample: B9-S2

Lab Number: 3K03039-04 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		2670	ug/kg	11/07/23	11/07/23
Benzene	ND		53	ug/kg	11/07/23	11/07/23
Bromobenzene	ND		53	ug/kg	11/07/23	11/07/23
Bromochloromethane	ND		53	ug/kg	11/07/23	11/07/23
Bromodichloromethane	ND		53	ug/kg	11/07/23	11/07/23
Bromoform	ND		53	ug/kg	11/07/23	11/07/23
Bromomethane	ND		53	ug/kg	11/07/23	11/07/23
2-Butanone	ND		1340	ug/kg	11/07/23	11/07/23
tert-Butyl alcohol	ND		267	ug/kg	11/07/23	11/07/23
sec-Butylbenzene	ND		53	ug/kg	11/07/23	11/07/23
n-Butylbenzene	ND		53	ug/kg	11/07/23	11/07/23
tert-Butylbenzene	ND		53	ug/kg	11/07/23	11/07/23
Methyl t-butyl ether (MTBE)	ND		53	ug/kg	11/07/23	11/07/23
Carbon Disulfide	ND		53	ug/kg	11/07/23	11/07/23
Carbon Tetrachloride	ND		53	ug/kg	11/07/23	11/07/23
Chlorobenzene	ND		53	ug/kg	11/07/23	11/07/23
Chloroethane	ND		53	ug/kg	11/07/23	11/07/23
Chloroform	ND		53	ug/kg	11/07/23	11/07/23
Chloromethane	ND		53	ug/kg	11/07/23	11/07/23
4-Chlorotoluene	ND		53	ug/kg	11/07/23	11/07/23
2-Chlorotoluene	ND		53	ug/kg	11/07/23	11/07/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		53	ug/kg	11/07/23	11/07/23
Dibromochloromethane	ND		53	ug/kg	11/07/23	11/07/23
1,2-Dibromoethane (EDB)	ND		53	ug/kg	11/07/23	11/07/23
Dibromomethane	ND		53	ug/kg	11/07/23	11/07/23
1,2-Dichlorobenzene	ND		53	ug/kg	11/07/23	11/07/23
1,3-Dichlorobenzene	ND		53	ug/kg	11/07/23	11/07/23
1,4-Dichlorobenzene	ND		53	ug/kg	11/07/23	11/07/23
1,1-Dichloroethane	ND		53	ug/kg	11/07/23	11/07/23
1,2-Dichloroethane	ND		53	ug/kg	11/07/23	11/07/23
trans-1,2-Dichloroethene	ND		53	ug/kg	11/07/23	11/07/23
cis-1,2-Dichloroethene	ND		53	ug/kg	11/07/23	11/07/23
1,1-Dichloroethene	ND		53	ug/kg	11/07/23	11/07/23
1,2-Dichloropropane	ND		53	ug/kg	11/07/23	11/07/23
2,2-Dichloropropane	ND		53	ug/kg	11/07/23	11/07/23
cis-1,3-Dichloropropene	ND		53	ug/kg	11/07/23	11/07/23
trans-1,3-Dichloropropene	ND		53	ug/kg	11/07/23	11/07/23
1,1-Dichloropropene	ND		53	ug/kg	11/07/23	11/07/23
1,3-Dichloropropene (cis + trans)	ND		107	ug/kg	11/07/23	11/07/23
Diethyl ether	ND		267	ug/kg	11/07/23	11/07/23
1,4-Dioxane	ND		5340	ug/kg	11/07/23	11/07/23
Ethylbenzene	ND		53	ug/kg	11/07/23	11/07/23
Hexachlorobutadiene	ND		53	ug/kg	11/07/23	11/07/23
2-Hexanone	ND		534	ug/kg	11/07/23	11/07/23
Isopropylbenzene	ND		53	ug/kg	11/07/23	11/07/23
p-Isopropyltoluene	ND		53	ug/kg	11/07/23	11/07/23
Methylene Chloride	ND		267	ug/kg	11/07/23	11/07/23
4-Methyl-2-pentanone	ND		374	ug/kg	11/07/23	11/07/23

Results: Volatile Organic Compounds 8260C (5035-HL) (Continued)

Sample: B9-S2 (Continued)

Lab Number: 3K03039-04 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		53	ug/kg	11/07/23	11/07/23
n-Propylbenzene	ND		53	ug/kg	11/07/23	11/07/23
Styrene	ND		53	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		53	ug/kg	11/07/23	11/07/23
Tetrachloroethene	ND		53	ug/kg	11/07/23	11/07/23
Tetrahydrofuran	ND		267	ug/kg	11/07/23	11/07/23
Toluene	ND		53	ug/kg	11/07/23	11/07/23
1,2,4-Trichlorobenzene	ND		53	ug/kg	11/07/23	11/07/23
1,2,3-Trichlorobenzene	ND		53	ug/kg	11/07/23	11/07/23
1,1,2-Trichloroethane	ND		53	ug/kg	11/07/23	11/07/23
1,1,1-Trichloroethane	ND		53	ug/kg	11/07/23	11/07/23
Trichloroethene	ND		53	ug/kg	11/07/23	11/07/23
1,2,3-Trichloropropane	ND		53	ug/kg	11/07/23	11/07/23
1,3,5-Trimethylbenzene	ND		53	ug/kg	11/07/23	11/07/23
1,2,4-Trimethylbenzene	ND		53	ug/kg	11/07/23	11/07/23
Vinyl Chloride	ND		53	ug/kg	11/07/23	11/07/23
o-Xylene	ND		53	ug/kg	11/07/23	11/07/23
m&p-Xylene	ND		107	ug/kg	11/07/23	11/07/23
Total xylenes	ND		53	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		53	ug/kg	11/07/23	11/07/23
tert-Amyl methyl ether	ND		53	ug/kg	11/07/23	11/07/23
1,3-Dichloropropane	ND		53	ug/kg	11/07/23	11/07/23
Ethyl tert-butyl ether	ND		53	ug/kg	11/07/23	11/07/23
Diisopropyl ether	ND		53	ug/kg	11/07/23	11/07/23
Trichlorofluoromethane	ND		53	ug/kg	11/07/23	11/07/23
Dichlorodifluoromethane	ND		53	ug/kg	11/07/23	11/07/23
1,2 Dichloroethene, Total	ND		267	ug/kg	11/07/23	11/07/23
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Surrogate(s)	Recovery%		Limits			
<hr/>						
<i>4-Bromofluorobenzene</i>	<i>94.0%</i>		<i>70-130</i>		<i>11/07/23</i>	<i>11/07/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>107%</i>		<i>70-130</i>		<i>11/07/23</i>	<i>11/07/23</i>
<i>Toluene-d8</i>	<i>96.7%</i>		<i>70-130</i>		<i>11/07/23</i>	<i>11/07/23</i>

Results: Volatile Organic Compounds 8260C (5035-HL)

Sample: SP-1

Lab Number: 3K03039-05 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		2260	ug/kg	11/07/23	11/07/23
Benzene	ND		45	ug/kg	11/07/23	11/07/23
Bromobenzene	ND		45	ug/kg	11/07/23	11/07/23
Bromochloromethane	ND		45	ug/kg	11/07/23	11/07/23
Bromodichloromethane	ND		45	ug/kg	11/07/23	11/07/23
Bromoform	ND		45	ug/kg	11/07/23	11/07/23
Bromomethane	ND		45	ug/kg	11/07/23	11/07/23
2-Butanone	ND		1130	ug/kg	11/07/23	11/07/23
tert-Butyl alcohol	ND		226	ug/kg	11/07/23	11/07/23
sec-Butylbenzene	ND		45	ug/kg	11/07/23	11/07/23
n-Butylbenzene	ND		45	ug/kg	11/07/23	11/07/23
tert-Butylbenzene	ND		45	ug/kg	11/07/23	11/07/23
Methyl t-butyl ether (MTBE)	ND		45	ug/kg	11/07/23	11/07/23
Carbon Disulfide	ND		45	ug/kg	11/07/23	11/07/23
Carbon Tetrachloride	ND		45	ug/kg	11/07/23	11/07/23
Chlorobenzene	ND		45	ug/kg	11/07/23	11/07/23
Chloroethane	ND		45	ug/kg	11/07/23	11/07/23
Chloroform	ND		45	ug/kg	11/07/23	11/07/23
Chloromethane	ND		45	ug/kg	11/07/23	11/07/23
4-Chlorotoluene	ND		45	ug/kg	11/07/23	11/07/23
2-Chlorotoluene	ND		45	ug/kg	11/07/23	11/07/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		45	ug/kg	11/07/23	11/07/23
Dibromochloromethane	ND		45	ug/kg	11/07/23	11/07/23
1,2-Dibromoethane (EDB)	ND		45	ug/kg	11/07/23	11/07/23
Dibromomethane	ND		45	ug/kg	11/07/23	11/07/23
1,2-Dichlorobenzene	ND		45	ug/kg	11/07/23	11/07/23
1,3-Dichlorobenzene	ND		45	ug/kg	11/07/23	11/07/23
1,4-Dichlorobenzene	ND		45	ug/kg	11/07/23	11/07/23
1,1-Dichloroethane	ND		45	ug/kg	11/07/23	11/07/23
1,2-Dichloroethane	ND		45	ug/kg	11/07/23	11/07/23
trans-1,2-Dichloroethene	ND		45	ug/kg	11/07/23	11/07/23
cis-1,2-Dichloroethene	ND		45	ug/kg	11/07/23	11/07/23
1,1-Dichloroethene	ND		45	ug/kg	11/07/23	11/07/23
1,2-Dichloropropane	ND		45	ug/kg	11/07/23	11/07/23
2,2-Dichloropropane	ND		45	ug/kg	11/07/23	11/07/23
cis-1,3-Dichloropropene	ND		45	ug/kg	11/07/23	11/07/23
trans-1,3-Dichloropropene	ND		45	ug/kg	11/07/23	11/07/23
1,1-Dichloropropene	ND		45	ug/kg	11/07/23	11/07/23
1,3-Dichloropropene (cis + trans)	ND		90	ug/kg	11/07/23	11/07/23
Diethyl ether	ND		226	ug/kg	11/07/23	11/07/23
1,4-Dioxane	ND		4510	ug/kg	11/07/23	11/07/23
Ethylbenzene	ND		45	ug/kg	11/07/23	11/07/23
Hexachlorobutadiene	ND		45	ug/kg	11/07/23	11/07/23
2-Hexanone	ND		451	ug/kg	11/07/23	11/07/23
Isopropylbenzene	ND		45	ug/kg	11/07/23	11/07/23
p-Isopropyltoluene	ND		45	ug/kg	11/07/23	11/07/23
Methylene Chloride	ND		226	ug/kg	11/07/23	11/07/23
4-Methyl-2-pentanone	ND		316	ug/kg	11/07/23	11/07/23

Results: Volatile Organic Compounds 8260C (5035-HL) (Continued)

Sample: SP-1 (Continued)

Lab Number: 3K03039-05 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		45	ug/kg	11/07/23	11/07/23
n-Propylbenzene	ND		45	ug/kg	11/07/23	11/07/23
Styrene	ND		45	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		45	ug/kg	11/07/23	11/07/23
Tetrachloroethene	ND		45	ug/kg	11/07/23	11/07/23
Tetrahydrofuran	ND		226	ug/kg	11/07/23	11/07/23
Toluene	ND		45	ug/kg	11/07/23	11/07/23
1,2,4-Trichlorobenzene	ND		45	ug/kg	11/07/23	11/07/23
1,2,3-Trichlorobenzene	ND		45	ug/kg	11/07/23	11/07/23
1,1,2-Trichloroethane	ND		45	ug/kg	11/07/23	11/07/23
1,1,1-Trichloroethane	ND		45	ug/kg	11/07/23	11/07/23
Trichloroethene	ND		45	ug/kg	11/07/23	11/07/23
1,2,3-Trichloropropane	ND		45	ug/kg	11/07/23	11/07/23
1,3,5-Trimethylbenzene	ND		45	ug/kg	11/07/23	11/07/23
1,2,4-Trimethylbenzene	ND		45	ug/kg	11/07/23	11/07/23
Vinyl Chloride	ND		45	ug/kg	11/07/23	11/07/23
o-Xylene	ND		45	ug/kg	11/07/23	11/07/23
m&p-Xylene	ND		90	ug/kg	11/07/23	11/07/23
Total xylenes	ND		45	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		45	ug/kg	11/07/23	11/07/23
tert-Amyl methyl ether	ND		45	ug/kg	11/07/23	11/07/23
1,3-Dichloropropane	ND		45	ug/kg	11/07/23	11/07/23
Ethyl tert-butyl ether	ND		45	ug/kg	11/07/23	11/07/23
Diisopropyl ether	ND		45	ug/kg	11/07/23	11/07/23
Trichlorofluoromethane	ND		45	ug/kg	11/07/23	11/07/23
Dichlorodifluoromethane	ND		45	ug/kg	11/07/23	11/07/23
1,2 Dichloroethene, Total	ND		226	ug/kg	11/07/23	11/07/23
<hr/>						
Surrogate(s)	Recovery%		Limits			
<hr/>						
<i>4-Bromofluorobenzene</i>	<i>94.1%</i>		<i>70-130</i>		11/07/23	11/07/23
<i>1,2-Dichloroethane-d4</i>	<i>115%</i>		<i>70-130</i>		11/07/23	11/07/23
<i>Toluene-d8</i>	<i>97.0%</i>		<i>70-130</i>		11/07/23	11/07/23

Results: Volatile Organic Compounds 8260C (5035-HL)

Sample: SP-2

Lab Number: 3K03039-06 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		3160	ug/kg	11/07/23	11/07/23
Benzene	ND		63	ug/kg	11/07/23	11/07/23
Bromobenzene	ND		63	ug/kg	11/07/23	11/07/23
Bromochloromethane	ND		63	ug/kg	11/07/23	11/07/23
Bromodichloromethane	ND		63	ug/kg	11/07/23	11/07/23
Bromoform	ND		63	ug/kg	11/07/23	11/07/23
Bromomethane	ND		63	ug/kg	11/07/23	11/07/23
2-Butanone	ND		1580	ug/kg	11/07/23	11/07/23
tert-Butyl alcohol	ND		316	ug/kg	11/07/23	11/07/23
sec-Butylbenzene	ND		63	ug/kg	11/07/23	11/07/23
n-Butylbenzene	ND		63	ug/kg	11/07/23	11/07/23
tert-Butylbenzene	ND		63	ug/kg	11/07/23	11/07/23
Methyl t-butyl ether (MTBE)	ND		63	ug/kg	11/07/23	11/07/23
Carbon Disulfide	ND		63	ug/kg	11/07/23	11/07/23
Carbon Tetrachloride	ND		63	ug/kg	11/07/23	11/07/23
Chlorobenzene	ND		63	ug/kg	11/07/23	11/07/23
Chloroethane	ND		63	ug/kg	11/07/23	11/07/23
Chloroform	ND		63	ug/kg	11/07/23	11/07/23
Chloromethane	ND		63	ug/kg	11/07/23	11/07/23
4-Chlorotoluene	ND		63	ug/kg	11/07/23	11/07/23
2-Chlorotoluene	ND		63	ug/kg	11/07/23	11/07/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		63	ug/kg	11/07/23	11/07/23
Dibromochloromethane	ND		63	ug/kg	11/07/23	11/07/23
1,2-Dibromoethane (EDB)	ND		63	ug/kg	11/07/23	11/07/23
Dibromomethane	ND		63	ug/kg	11/07/23	11/07/23
1,2-Dichlorobenzene	ND		63	ug/kg	11/07/23	11/07/23
1,3-Dichlorobenzene	ND		63	ug/kg	11/07/23	11/07/23
1,4-Dichlorobenzene	ND		63	ug/kg	11/07/23	11/07/23
1,1-Dichloroethane	ND		63	ug/kg	11/07/23	11/07/23
1,2-Dichloroethane	ND		63	ug/kg	11/07/23	11/07/23
trans-1,2-Dichloroethene	ND		63	ug/kg	11/07/23	11/07/23
cis-1,2-Dichloroethene	ND		63	ug/kg	11/07/23	11/07/23
1,1-Dichloroethene	ND		63	ug/kg	11/07/23	11/07/23
1,2-Dichloropropane	ND		63	ug/kg	11/07/23	11/07/23
2,2-Dichloropropane	ND		63	ug/kg	11/07/23	11/07/23
cis-1,3-Dichloropropene	ND		63	ug/kg	11/07/23	11/07/23
trans-1,3-Dichloropropene	ND		63	ug/kg	11/07/23	11/07/23
1,1-Dichloropropene	ND		63	ug/kg	11/07/23	11/07/23
1,3-Dichloropropene (cis + trans)	ND		127	ug/kg	11/07/23	11/07/23
Diethyl ether	ND		316	ug/kg	11/07/23	11/07/23
1,4-Dioxane	ND		6330	ug/kg	11/07/23	11/07/23
Ethylbenzene	ND		63	ug/kg	11/07/23	11/07/23
Hexachlorobutadiene	ND		63	ug/kg	11/07/23	11/07/23
2-Hexanone	ND		633	ug/kg	11/07/23	11/07/23
Isopropylbenzene	ND		63	ug/kg	11/07/23	11/07/23
p-Isopropyltoluene	ND		63	ug/kg	11/07/23	11/07/23
Methylene Chloride	ND		316	ug/kg	11/07/23	11/07/23
4-Methyl-2-pentanone	ND		443	ug/kg	11/07/23	11/07/23

Results: Volatile Organic Compounds 8260C (5035-HL) (Continued)

Sample: SP-2 (Continued)

Lab Number: 3K03039-06 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		63	ug/kg	11/07/23	11/07/23
n-Propylbenzene	ND		63	ug/kg	11/07/23	11/07/23
Styrene	ND		63	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		63	ug/kg	11/07/23	11/07/23
Tetrachloroethene	ND		63	ug/kg	11/07/23	11/07/23
Tetrahydrofuran	ND		316	ug/kg	11/07/23	11/07/23
Toluene	127		63	ug/kg	11/07/23	11/07/23
1,2,4-Trichlorobenzene	ND		63	ug/kg	11/07/23	11/07/23
1,2,3-Trichlorobenzene	ND		63	ug/kg	11/07/23	11/07/23
1,1,2-Trichloroethane	ND		63	ug/kg	11/07/23	11/07/23
1,1,1-Trichloroethane	ND		63	ug/kg	11/07/23	11/07/23
Trichloroethene	ND		63	ug/kg	11/07/23	11/07/23
1,2,3-Trichloropropane	ND		63	ug/kg	11/07/23	11/07/23
1,3,5-Trimethylbenzene	ND		63	ug/kg	11/07/23	11/07/23
1,2,4-Trimethylbenzene	ND		63	ug/kg	11/07/23	11/07/23
Vinyl Chloride	ND		63	ug/kg	11/07/23	11/07/23
o-Xylene	ND		63	ug/kg	11/07/23	11/07/23
m&p-Xylene	ND		127	ug/kg	11/07/23	11/07/23
Total xylenes	ND		127	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		63	ug/kg	11/07/23	11/07/23
tert-Amyl methyl ether	ND		63	ug/kg	11/07/23	11/07/23
1,3-Dichloropropane	ND		63	ug/kg	11/07/23	11/07/23
Ethyl tert-butyl ether	ND		63	ug/kg	11/07/23	11/07/23
Diisopropyl ether	ND		63	ug/kg	11/07/23	11/07/23
Trichlorofluoromethane	ND		63	ug/kg	11/07/23	11/07/23
Dichlorodifluoromethane	ND		63	ug/kg	11/07/23	11/07/23
1,2 Dichloroethene, Total	ND		316	ug/kg	11/07/23	11/07/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>91.6%</i>		<i>70-130</i>		<i>11/07/23</i>	<i>11/07/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>112%</i>		<i>70-130</i>		<i>11/07/23</i>	<i>11/07/23</i>
<i>Toluene-d8</i>	<i>97.1%</i>		<i>70-130</i>		<i>11/07/23</i>	<i>11/07/23</i>

Results: Volatile Organic Compounds 8260C (5035-HL)**Sample: SP-3****Lab Number: 3K03039-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		1960	ug/kg	11/07/23	11/07/23
Benzene	ND		39	ug/kg	11/07/23	11/07/23
Bromobenzene	ND		39	ug/kg	11/07/23	11/07/23
Bromochloromethane	ND		39	ug/kg	11/07/23	11/07/23
Bromodichloromethane	ND		39	ug/kg	11/07/23	11/07/23
Bromoform	ND		39	ug/kg	11/07/23	11/07/23
Bromomethane	ND		39	ug/kg	11/07/23	11/07/23
2-Butanone	ND		979	ug/kg	11/07/23	11/07/23
tert-Butyl alcohol	ND		196	ug/kg	11/07/23	11/07/23
sec-Butylbenzene	ND		39	ug/kg	11/07/23	11/07/23
n-Butylbenzene	ND		39	ug/kg	11/07/23	11/07/23
tert-Butylbenzene	ND		39	ug/kg	11/07/23	11/07/23
Methyl t-butyl ether (MTBE)	ND		39	ug/kg	11/07/23	11/07/23
Carbon Disulfide	ND		39	ug/kg	11/07/23	11/07/23
Carbon Tetrachloride	ND		39	ug/kg	11/07/23	11/07/23
Chlorobenzene	ND		39	ug/kg	11/07/23	11/07/23
Chloroethane	ND		39	ug/kg	11/07/23	11/07/23
Chloroform	ND		39	ug/kg	11/07/23	11/07/23
Chloromethane	ND		39	ug/kg	11/07/23	11/07/23
4-Chlorotoluene	ND		39	ug/kg	11/07/23	11/07/23
2-Chlorotoluene	ND		39	ug/kg	11/07/23	11/07/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		39	ug/kg	11/07/23	11/07/23
Dibromochloromethane	ND		39	ug/kg	11/07/23	11/07/23
1,2-Dibromoethane (EDB)	ND		39	ug/kg	11/07/23	11/07/23
Dibromomethane	ND		39	ug/kg	11/07/23	11/07/23
1,2-Dichlorobenzene	ND		39	ug/kg	11/07/23	11/07/23
1,3-Dichlorobenzene	ND		39	ug/kg	11/07/23	11/07/23
1,4-Dichlorobenzene	ND		39	ug/kg	11/07/23	11/07/23
1,1-Dichloroethane	ND		39	ug/kg	11/07/23	11/07/23
1,2-Dichloroethane	ND		39	ug/kg	11/07/23	11/07/23
trans-1,2-Dichloroethene	ND		39	ug/kg	11/07/23	11/07/23
cis-1,2-Dichloroethene	ND		39	ug/kg	11/07/23	11/07/23
1,1-Dichloroethene	ND		39	ug/kg	11/07/23	11/07/23
1,2-Dichloropropane	ND		39	ug/kg	11/07/23	11/07/23
2,2-Dichloropropane	ND		39	ug/kg	11/07/23	11/07/23
cis-1,3-Dichloropropene	ND		39	ug/kg	11/07/23	11/07/23
trans-1,3-Dichloropropene	ND		39	ug/kg	11/07/23	11/07/23
1,1-Dichloropropene	ND		39	ug/kg	11/07/23	11/07/23
1,3-Dichloropropene (cis + trans)	ND		78	ug/kg	11/07/23	11/07/23
Diethyl ether	ND		196	ug/kg	11/07/23	11/07/23
1,4-Dioxane	ND		3910	ug/kg	11/07/23	11/07/23
Ethylbenzene	ND		39	ug/kg	11/07/23	11/07/23
Hexachlorobutadiene	ND		39	ug/kg	11/07/23	11/07/23
2-Hexanone	ND		391	ug/kg	11/07/23	11/07/23
Isopropylbenzene	ND		39	ug/kg	11/07/23	11/07/23
p-Isopropyltoluene	ND		39	ug/kg	11/07/23	11/07/23
Methylene Chloride	ND		196	ug/kg	11/07/23	11/07/23
4-Methyl-2-pentanone	ND		274	ug/kg	11/07/23	11/07/23

Results: Volatile Organic Compounds 8260C (5035-HL) (Continued)

Sample: SP-3 (Continued)

Lab Number: 3K03039-07 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		39	ug/kg	11/07/23	11/07/23
n-Propylbenzene	ND		39	ug/kg	11/07/23	11/07/23
Styrene	ND		39	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		39	ug/kg	11/07/23	11/07/23
Tetrachloroethene	ND		39	ug/kg	11/07/23	11/07/23
Tetrahydrofuran	ND		196	ug/kg	11/07/23	11/07/23
Toluene	58		39	ug/kg	11/07/23	11/07/23
1,2,4-Trichlorobenzene	ND		39	ug/kg	11/07/23	11/07/23
1,2,3-Trichlorobenzene	ND		39	ug/kg	11/07/23	11/07/23
1,1,2-Trichloroethane	ND		39	ug/kg	11/07/23	11/07/23
1,1,1-Trichloroethane	ND		39	ug/kg	11/07/23	11/07/23
Trichloroethene	ND		39	ug/kg	11/07/23	11/07/23
1,2,3-Trichloropropane	ND		39	ug/kg	11/07/23	11/07/23
1,3,5-Trimethylbenzene	ND		39	ug/kg	11/07/23	11/07/23
1,2,4-Trimethylbenzene	ND		39	ug/kg	11/07/23	11/07/23
Vinyl Chloride	ND		39	ug/kg	11/07/23	11/07/23
o-Xylene	ND		39	ug/kg	11/07/23	11/07/23
m&p-Xylene	ND		78	ug/kg	11/07/23	11/07/23
Total xylenes	ND		78	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		39	ug/kg	11/07/23	11/07/23
tert-Amyl methyl ether	ND		39	ug/kg	11/07/23	11/07/23
1,3-Dichloropropane	ND		39	ug/kg	11/07/23	11/07/23
Ethyl tert-butyl ether	ND		39	ug/kg	11/07/23	11/07/23
Diisopropyl ether	ND		39	ug/kg	11/07/23	11/07/23
Trichlorofluoromethane	ND		39	ug/kg	11/07/23	11/07/23
Dichlorodifluoromethane	ND		39	ug/kg	11/07/23	11/07/23
1,2 Dichloroethene, Total	ND		196	ug/kg	11/07/23	11/07/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>94.6%</i>		<i>70-130</i>		11/07/23	11/07/23
<i>1,2-Dichloroethane-d4</i>	<i>105%</i>		<i>70-130</i>		11/07/23	11/07/23
<i>Toluene-d8</i>	<i>96.0%</i>		<i>70-130</i>		11/07/23	11/07/23

Results: Volatile Organic Compounds 8260C (5035-HL)

Sample: SP-4

Lab Number: 3K03039-08 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		3630	ug/kg	11/07/23	11/07/23
Benzene	ND		73	ug/kg	11/07/23	11/07/23
Bromobenzene	ND		73	ug/kg	11/07/23	11/07/23
Bromochloromethane	ND		73	ug/kg	11/07/23	11/07/23
Bromodichloromethane	ND		73	ug/kg	11/07/23	11/07/23
Bromoform	ND		73	ug/kg	11/07/23	11/07/23
Bromomethane	ND		73	ug/kg	11/07/23	11/07/23
2-Butanone	ND		1810	ug/kg	11/07/23	11/07/23
tert-Butyl alcohol	ND		363	ug/kg	11/07/23	11/07/23
sec-Butylbenzene	ND		73	ug/kg	11/07/23	11/07/23
n-Butylbenzene	ND		73	ug/kg	11/07/23	11/07/23
tert-Butylbenzene	ND		73	ug/kg	11/07/23	11/07/23
Methyl t-butyl ether (MTBE)	ND		73	ug/kg	11/07/23	11/07/23
Carbon Disulfide	ND		73	ug/kg	11/07/23	11/07/23
Carbon Tetrachloride	ND		73	ug/kg	11/07/23	11/07/23
Chlorobenzene	ND		73	ug/kg	11/07/23	11/07/23
Chloroethane	ND		73	ug/kg	11/07/23	11/07/23
Chloroform	ND		73	ug/kg	11/07/23	11/07/23
Chloromethane	ND		73	ug/kg	11/07/23	11/07/23
4-Chlorotoluene	ND		73	ug/kg	11/07/23	11/07/23
2-Chlorotoluene	ND		73	ug/kg	11/07/23	11/07/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		73	ug/kg	11/07/23	11/07/23
Dibromochloromethane	ND		73	ug/kg	11/07/23	11/07/23
1,2-Dibromoethane (EDB)	ND		73	ug/kg	11/07/23	11/07/23
Dibromomethane	ND		73	ug/kg	11/07/23	11/07/23
1,2-Dichlorobenzene	ND		73	ug/kg	11/07/23	11/07/23
1,3-Dichlorobenzene	ND		73	ug/kg	11/07/23	11/07/23
1,4-Dichlorobenzene	ND		73	ug/kg	11/07/23	11/07/23
1,1-Dichloroethane	ND		73	ug/kg	11/07/23	11/07/23
1,2-Dichloroethane	ND		73	ug/kg	11/07/23	11/07/23
trans-1,2-Dichloroethene	ND		73	ug/kg	11/07/23	11/07/23
cis-1,2-Dichloroethene	ND		73	ug/kg	11/07/23	11/07/23
1,1-Dichloroethene	ND		73	ug/kg	11/07/23	11/07/23
1,2-Dichloropropane	ND		73	ug/kg	11/07/23	11/07/23
2,2-Dichloropropane	ND		73	ug/kg	11/07/23	11/07/23
cis-1,3-Dichloropropene	ND		73	ug/kg	11/07/23	11/07/23
trans-1,3-Dichloropropene	ND		73	ug/kg	11/07/23	11/07/23
1,1-Dichloropropene	ND		73	ug/kg	11/07/23	11/07/23
1,3-Dichloropropene (cis + trans)	ND		145	ug/kg	11/07/23	11/07/23
Diethyl ether	ND		363	ug/kg	11/07/23	11/07/23
1,4-Dioxane	ND		7260	ug/kg	11/07/23	11/07/23
Ethylbenzene	ND		73	ug/kg	11/07/23	11/07/23
Hexachlorobutadiene	ND		73	ug/kg	11/07/23	11/07/23
2-Hexanone	ND		726	ug/kg	11/07/23	11/07/23
Isopropylbenzene	ND		73	ug/kg	11/07/23	11/07/23
p-Isopropyltoluene	ND		73	ug/kg	11/07/23	11/07/23
Methylene Chloride	ND		363	ug/kg	11/07/23	11/07/23
4-Methyl-2-pentanone	ND		508	ug/kg	11/07/23	11/07/23

Results: Volatile Organic Compounds 8260C (5035-HL) (Continued)

Sample: SP-4 (Continued)

Lab Number: 3K03039-08 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		73	ug/kg	11/07/23	11/07/23
n-Propylbenzene	ND		73	ug/kg	11/07/23	11/07/23
Styrene	ND		73	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		73	ug/kg	11/07/23	11/07/23
Tetrachloroethene	ND		73	ug/kg	11/07/23	11/07/23
Tetrahydrofuran	ND		363	ug/kg	11/07/23	11/07/23
Toluene	196		73	ug/kg	11/07/23	11/07/23
1,2,4-Trichlorobenzene	ND		73	ug/kg	11/07/23	11/07/23
1,2,3-Trichlorobenzene	ND		73	ug/kg	11/07/23	11/07/23
1,1,2-Trichloroethane	ND		73	ug/kg	11/07/23	11/07/23
1,1,1-Trichloroethane	ND		73	ug/kg	11/07/23	11/07/23
Trichloroethene	ND		73	ug/kg	11/07/23	11/07/23
1,2,3-Trichloropropane	ND		73	ug/kg	11/07/23	11/07/23
1,3,5-Trimethylbenzene	89		73	ug/kg	11/07/23	11/07/23
1,2,4-Trimethylbenzene	141		73	ug/kg	11/07/23	11/07/23
Vinyl Chloride	ND		73	ug/kg	11/07/23	11/07/23
o-Xylene	138		73	ug/kg	11/07/23	11/07/23
m&p-Xylene	194		145	ug/kg	11/07/23	11/07/23
Total xylenes	332		73	ug/kg	11/07/23	11/07/23
1,1,1,2-Tetrachloroethane	ND		73	ug/kg	11/07/23	11/07/23
tert-Amyl methyl ether	ND		73	ug/kg	11/07/23	11/07/23
1,3-Dichloropropane	ND		73	ug/kg	11/07/23	11/07/23
Ethyl tert-butyl ether	ND		73	ug/kg	11/07/23	11/07/23
Diisopropyl ether	ND		73	ug/kg	11/07/23	11/07/23
Trichlorofluoromethane	2850		73	ug/kg	11/07/23	11/07/23
Dichlorodifluoromethane	ND		73	ug/kg	11/07/23	11/07/23
1,2 Dichloroethene, Total	ND		363	ug/kg	11/07/23	11/07/23
Surrogate(s)	Recovery%		Limits			

4-Bromofluorobenzene	95.3%		70-130		11/07/23	11/07/23
1,2-Dichloroethane-d4	105%		70-130		11/07/23	11/07/23
Toluene-d8	98.6%		70-130		11/07/23	11/07/23

Results: Semivolatile organic compounds

Sample: B8-S1

Lab Number: 3K03039-01 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		1440	ug/kg	11/07/23	11/09/23
1,2-Dichlorobenzene	ND		1440	ug/kg	11/07/23	11/09/23
1,3-Dichlorobenzene	ND		1440	ug/kg	11/07/23	11/09/23
1,4-Dichlorobenzene	ND		1440	ug/kg	11/07/23	11/09/23
Phenol	ND		1440	ug/kg	11/07/23	11/09/23
2,4,5-Trichlorophenol	ND		1440	ug/kg	11/07/23	11/09/23
2,4,6-Trichlorophenol	ND		1440	ug/kg	11/07/23	11/09/23
2,4-Dichlorophenol	ND		1440	ug/kg	11/07/23	11/09/23
2,4-Dimethylphenol	ND		3650	ug/kg	11/07/23	11/09/23
2,4-Dinitrophenol	ND		3650	ug/kg	11/07/23	11/09/23
2,4-Dinitrotoluene	ND		1440	ug/kg	11/07/23	11/09/23
2,6-Dinitrotoluene	ND		1440	ug/kg	11/07/23	11/09/23
2-Chloronaphthalene	ND		1440	ug/kg	11/07/23	11/09/23
2-Chlorophenol	ND		1440	ug/kg	11/07/23	11/09/23
2-Methylnaphthalene	ND		1440	ug/kg	11/07/23	11/09/23
Nitrobenzene	ND		1440	ug/kg	11/07/23	11/09/23
2-Methylphenol	ND		1440	ug/kg	11/07/23	11/09/23
2-Nitroaniline	ND		1440	ug/kg	11/07/23	11/09/23
2-Nitrophenol	ND		3650	ug/kg	11/07/23	11/09/23
3,3'-Dichlorobenzidine	ND		3650	ug/kg	11/07/23	11/09/23
3-Nitroaniline	ND		1440	ug/kg	11/07/23	11/09/23
4,6-Dinitro-2-methylphenol	ND		3650	ug/kg	11/07/23	11/09/23
4-Bromophenyl phenyl ether	ND		1440	ug/kg	11/07/23	11/09/23
4-Chloro-3-methylphenol	ND		1440	ug/kg	11/07/23	11/09/23
4-Chloroaniline	ND		1440	ug/kg	11/07/23	11/09/23
4-Chlorophenyl phenyl ether	ND		1440	ug/kg	11/07/23	11/09/23
4-Nitroaniline	ND		1440	ug/kg	11/07/23	11/09/23
4-Nitrophenol	ND		3650	ug/kg	11/07/23	11/09/23
Acenaphthene	ND		1440	ug/kg	11/07/23	11/09/23
Acenaphthylene	ND		1440	ug/kg	11/07/23	11/09/23
Aniline	ND		1440	ug/kg	11/07/23	11/09/23
Anthracene	2750		1440	ug/kg	11/07/23	11/09/23
Benzo(a)anthracene	6400		1440	ug/kg	11/07/23	11/09/23
Benzo(a)pyrene	6280		1440	ug/kg	11/07/23	11/09/23
Benzo(b)fluoranthene	7350		1440	ug/kg	11/07/23	11/09/23
Benzo(g,h,i)perylene	4380		1440	ug/kg	11/07/23	11/09/23
Benzo(k)fluoranthene	2790		1440	ug/kg	11/07/23	11/09/23
Benzoic acid	ND		11100	ug/kg	11/07/23	11/09/23
Biphenyl	ND		332	ug/kg	11/07/23	11/09/23
Bis(2-chloroethoxy)methane	ND		1440	ug/kg	11/07/23	11/09/23
Bis(2-chloroethyl)ether	ND		1440	ug/kg	11/07/23	11/09/23
Bis(2-chloroisopropyl)ether	ND		1440	ug/kg	11/07/23	11/09/23
Bis(2-ethylhexyl)phthalate	ND		4430	ug/kg	11/07/23	11/09/23
Butyl benzyl phthalate	ND		1440	ug/kg	11/07/23	11/09/23
Chrysene	6140		1440	ug/kg	11/07/23	11/09/23
Di-n-octyl phthalate	ND		2210	ug/kg	11/07/23	11/09/23
Dibenz(a,h)anthracene	ND		1440	ug/kg	11/07/23	11/09/23
Dibenzofuran	ND		1440	ug/kg	11/07/23	11/09/23

Results: Semivolatile organic compounds (Continued)

Sample: B8-S1 (Continued)

Lab Number: 3K03039-01 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		1440	ug/kg	11/07/23	11/09/23
Dimethyl phthalate	ND		3650	ug/kg	11/07/23	11/09/23
Di-n-butyl phthalate	ND		2210	ug/kg	11/07/23	11/09/23
Fluoranthene	15300		1440	ug/kg	11/07/23	11/09/23
Fluorene	ND		1440	ug/kg	11/07/23	11/09/23
Hexachlorobenzene	ND		1440	ug/kg	11/07/23	11/09/23
Hexachlorobutadiene	ND		1440	ug/kg	11/07/23	11/09/23
Hexachlorocyclopentadiene	ND		3650	ug/kg	11/07/23	11/09/23
Hexachloroethane	ND		1440	ug/kg	11/07/23	11/09/23
Indeno(1,2,3-cd)pyrene	4300		1440	ug/kg	11/07/23	11/09/23
Isophorone	ND		1440	ug/kg	11/07/23	11/09/23
Naphthalene	ND		1440	ug/kg	11/07/23	11/09/23
N-Nitrosodimethylamine	ND		1440	ug/kg	11/07/23	11/09/23
N-Nitrosodi-n-propylamine	ND		1440	ug/kg	11/07/23	11/09/23
N-Nitrosodiphenylamine	ND		1440	ug/kg	11/07/23	11/09/23
Pentachlorophenol	ND		3650	ug/kg	11/07/23	11/09/23
Phenanthrene	12600		1440	ug/kg	11/07/23	11/09/23
Pyrene	13900		1440	ug/kg	11/07/23	11/09/23
m&p-Cresol	ND		2880	ug/kg	11/07/23	11/09/23
Pyridine	ND		1440	ug/kg	11/07/23	11/09/23
Azobenzene	ND		1440	ug/kg	11/07/23	11/09/23
Total Dichlorobenzene	ND		1440	ug/kg	11/07/23	11/09/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	61.6%		30-126		11/07/23	11/09/23
<i>p-Terphenyl-d14</i>	68.6%		47-135		11/07/23	11/09/23
<i>2-Fluorobiphenyl</i>	59.4%		34-130		11/07/23	11/09/23
<i>Phenol-d6</i>	42.0%		30-130		11/07/23	11/09/23
<i>2,4,6-Tribromophenol</i>	62.5%		30-130		11/07/23	11/09/23
<i>2-Fluorophenol</i>	43.6%		30-130		11/07/23	11/09/23

Results: Semivolatile organic compounds

Sample: B8-S2

Lab Number: 3K03039-02 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		780	ug/kg	11/07/23	11/09/23
1,2-Dichlorobenzene	ND		780	ug/kg	11/07/23	11/09/23
1,3-Dichlorobenzene	ND		780	ug/kg	11/07/23	11/09/23
1,4-Dichlorobenzene	ND		780	ug/kg	11/07/23	11/09/23
Phenol	ND		780	ug/kg	11/07/23	11/09/23
2,4,5-Trichlorophenol	ND		780	ug/kg	11/07/23	11/09/23
2,4,6-Trichlorophenol	ND		780	ug/kg	11/07/23	11/09/23
2,4-Dichlorophenol	ND		780	ug/kg	11/07/23	11/09/23
2,4-Dimethylphenol	ND		1980	ug/kg	11/07/23	11/09/23
2,4-Dinitrophenol	ND		1980	ug/kg	11/07/23	11/09/23
2,4-Dinitrotoluene	ND		780	ug/kg	11/07/23	11/09/23
2,6-Dinitrotoluene	ND		780	ug/kg	11/07/23	11/09/23
2-Chloronaphthalene	ND		780	ug/kg	11/07/23	11/09/23
2-Chlorophenol	ND		780	ug/kg	11/07/23	11/09/23
2-Methylnaphthalene	ND		780	ug/kg	11/07/23	11/09/23
Nitrobenzene	ND		780	ug/kg	11/07/23	11/09/23
2-Methylphenol	ND		780	ug/kg	11/07/23	11/09/23
2-Nitroaniline	ND		780	ug/kg	11/07/23	11/09/23
2-Nitrophenol	ND		1980	ug/kg	11/07/23	11/09/23
3,3'-Dichlorobenzidine	ND		1980	ug/kg	11/07/23	11/09/23
3-Nitroaniline	ND		780	ug/kg	11/07/23	11/09/23
4,6-Dinitro-2-methylphenol	ND		1980	ug/kg	11/07/23	11/09/23
4-Bromophenyl phenyl ether	ND		780	ug/kg	11/07/23	11/09/23
4-Chloro-3-methylphenol	ND		780	ug/kg	11/07/23	11/09/23
4-Chloroaniline	ND		780	ug/kg	11/07/23	11/09/23
4-Chlorophenyl phenyl ether	ND		780	ug/kg	11/07/23	11/09/23
4-Nitroaniline	ND		780	ug/kg	11/07/23	11/09/23
4-Nitrophenol	ND		1980	ug/kg	11/07/23	11/09/23
Acenaphthene	ND		780	ug/kg	11/07/23	11/09/23
Acenaphthylene	ND		780	ug/kg	11/07/23	11/09/23
Aniline	ND		780	ug/kg	11/07/23	11/09/23
Anthracene	ND		780	ug/kg	11/07/23	11/09/23
Benzo(a)anthracene	1280		780	ug/kg	11/07/23	11/09/23
Benzo(a)pyrene	1550		780	ug/kg	11/07/23	11/09/23
Benzo(b)fluoranthene	1910		780	ug/kg	11/07/23	11/09/23
Benzo(g,h,i)perylene	1240		780	ug/kg	11/07/23	11/09/23
Benzo(k)fluoranthene	ND		780	ug/kg	11/07/23	11/09/23
Benzoic acid	ND		6000	ug/kg	11/07/23	11/09/23
Biphenyl	ND		180	ug/kg	11/07/23	11/09/23
Bis(2-chloroethoxy)methane	ND		780	ug/kg	11/07/23	11/09/23
Bis(2-chloroethyl)ether	ND		780	ug/kg	11/07/23	11/09/23
Bis(2-chloroisopropyl)ether	ND		780	ug/kg	11/07/23	11/09/23
Bis(2-ethylhexyl)phthalate	ND		2400	ug/kg	11/07/23	11/09/23
Butyl benzyl phthalate	ND		780	ug/kg	11/07/23	11/09/23
Chrysene	1520		780	ug/kg	11/07/23	11/09/23
Di-n-octyl phthalate	ND		1200	ug/kg	11/07/23	11/09/23
Dibenz(a,h)anthracene	ND		780	ug/kg	11/07/23	11/09/23
Dibenzofuran	ND		780	ug/kg	11/07/23	11/09/23

Results: Semivolatile organic compounds (Continued)

Sample: B8-S2 (Continued)

Lab Number: 3K03039-02 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		780	ug/kg	11/07/23	11/09/23
Dimethyl phthalate	ND		1980	ug/kg	11/07/23	11/09/23
Di-n-butyl phthalate	ND		1200	ug/kg	11/07/23	11/09/23
Fluoranthene	2240		780	ug/kg	11/07/23	11/09/23
Fluorene	ND		780	ug/kg	11/07/23	11/09/23
Hexachlorobenzene	ND		780	ug/kg	11/07/23	11/09/23
Hexachlorobutadiene	ND		780	ug/kg	11/07/23	11/09/23
Hexachlorocyclopentadiene	ND		1980	ug/kg	11/07/23	11/09/23
Hexachloroethane	ND		780	ug/kg	11/07/23	11/09/23
Indeno(1,2,3-cd)pyrene	1180		780	ug/kg	11/07/23	11/09/23
Isophorone	ND		780	ug/kg	11/07/23	11/09/23
Naphthalene	ND		780	ug/kg	11/07/23	11/09/23
N-Nitrosodimethylamine	ND		780	ug/kg	11/07/23	11/09/23
N-Nitrosodi-n-propylamine	ND		780	ug/kg	11/07/23	11/09/23
N-Nitrosodiphenylamine	ND		780	ug/kg	11/07/23	11/09/23
Pentachlorophenol	ND		1980	ug/kg	11/07/23	11/09/23
Phenanthrene	1060		780	ug/kg	11/07/23	11/09/23
Pyrene	2520		780	ug/kg	11/07/23	11/09/23
m&p-Cresol	ND		1560	ug/kg	11/07/23	11/09/23
Pyridine	ND		780	ug/kg	11/07/23	11/09/23
Azobenzene	ND		780	ug/kg	11/07/23	11/09/23
Total Dichlorobenzene	ND		780	ug/kg	11/07/23	11/09/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	51.6%		30-126		11/07/23	11/09/23
<i>p-Terphenyl-d14</i>	76.4%		47-135		11/07/23	11/09/23
<i>2-Fluorobiphenyl</i>	60.5%		34-130		11/07/23	11/09/23
<i>Phenol-d6</i>	47.0%		30-130		11/07/23	11/09/23
<i>2,4,6-Tribromophenol</i>	63.2%		30-130		11/07/23	11/09/23
<i>2-Fluorophenol</i>	48.8%		30-130		11/07/23	11/09/23

Results: Semivolatile organic compounds

Sample: B9-S1

Lab Number: 3K03039-03 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		718	ug/kg	11/07/23	11/09/23
1,2-Dichlorobenzene	ND		718	ug/kg	11/07/23	11/09/23
1,3-Dichlorobenzene	ND		718	ug/kg	11/07/23	11/09/23
1,4-Dichlorobenzene	ND		718	ug/kg	11/07/23	11/09/23
Phenol	ND		718	ug/kg	11/07/23	11/09/23
2,4,5-Trichlorophenol	ND		718	ug/kg	11/07/23	11/09/23
2,4,6-Trichlorophenol	ND		718	ug/kg	11/07/23	11/09/23
2,4-Dichlorophenol	ND		718	ug/kg	11/07/23	11/09/23
2,4-Dimethylphenol	ND		1820	ug/kg	11/07/23	11/09/23
2,4-Dinitrophenol	ND		1820	ug/kg	11/07/23	11/09/23
2,4-Dinitrotoluene	ND		718	ug/kg	11/07/23	11/09/23
2,6-Dinitrotoluene	ND		718	ug/kg	11/07/23	11/09/23
2-Chloronaphthalene	ND		718	ug/kg	11/07/23	11/09/23
2-Chlorophenol	ND		718	ug/kg	11/07/23	11/09/23
2-Methylnaphthalene	ND		718	ug/kg	11/07/23	11/09/23
Nitrobenzene	ND		718	ug/kg	11/07/23	11/09/23
2-Methylphenol	ND		718	ug/kg	11/07/23	11/09/23
2-Nitroaniline	ND		718	ug/kg	11/07/23	11/09/23
2-Nitrophenol	ND		1820	ug/kg	11/07/23	11/09/23
3,3'-Dichlorobenzidine	ND		1820	ug/kg	11/07/23	11/09/23
3-Nitroaniline	ND		718	ug/kg	11/07/23	11/09/23
4,6-Dinitro-2-methylphenol	ND		1820	ug/kg	11/07/23	11/09/23
4-Bromophenyl phenyl ether	ND		718	ug/kg	11/07/23	11/09/23
4-Chloro-3-methylphenol	ND		718	ug/kg	11/07/23	11/09/23
4-Chloroaniline	ND		718	ug/kg	11/07/23	11/09/23
4-Chlorophenyl phenyl ether	ND		718	ug/kg	11/07/23	11/09/23
4-Nitroaniline	ND		718	ug/kg	11/07/23	11/09/23
4-Nitrophenol	ND		1820	ug/kg	11/07/23	11/09/23
Acenaphthene	ND		718	ug/kg	11/07/23	11/09/23
Acenaphthylene	ND		718	ug/kg	11/07/23	11/09/23
Aniline	ND		718	ug/kg	11/07/23	11/09/23
Anthracene	ND		718	ug/kg	11/07/23	11/09/23
Benzo(a)anthracene	ND		718	ug/kg	11/07/23	11/09/23
Benzo(a)pyrene	ND		718	ug/kg	11/07/23	11/09/23
Benzo(b)fluoranthene	ND		718	ug/kg	11/07/23	11/09/23
Benzo(g,h,i)perylene	ND		718	ug/kg	11/07/23	11/09/23
Benzo(k)fluoranthene	ND		718	ug/kg	11/07/23	11/09/23
Benzoic acid	ND		5520	ug/kg	11/07/23	11/09/23
Biphenyl	ND		166	ug/kg	11/07/23	11/09/23
Bis(2-chloroethoxy)methane	ND		718	ug/kg	11/07/23	11/09/23
Bis(2-chloroethyl)ether	ND		718	ug/kg	11/07/23	11/09/23
Bis(2-chloroisopropyl)ether	ND		718	ug/kg	11/07/23	11/09/23
Bis(2-ethylhexyl)phthalate	ND		2210	ug/kg	11/07/23	11/09/23
Butyl benzyl phthalate	ND		718	ug/kg	11/07/23	11/09/23
Chrysene	ND		718	ug/kg	11/07/23	11/09/23
Di-n-octyl phthalate	ND		1100	ug/kg	11/07/23	11/09/23
Dibenz(a,h)anthracene	ND		718	ug/kg	11/07/23	11/09/23
Dibenzofuran	ND		718	ug/kg	11/07/23	11/09/23

Results: Semivolatile organic compounds (Continued)

Sample: B9-S1 (Continued)

Lab Number: 3K03039-03 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		718	ug/kg	11/07/23	11/09/23
Dimethyl phthalate	ND		1820	ug/kg	11/07/23	11/09/23
Di-n-butyl phthalate	ND		1100	ug/kg	11/07/23	11/09/23
Fluoranthene	ND		718	ug/kg	11/07/23	11/09/23
Fluorene	ND		718	ug/kg	11/07/23	11/09/23
Hexachlorobenzene	ND		718	ug/kg	11/07/23	11/09/23
Hexachlorobutadiene	ND		718	ug/kg	11/07/23	11/09/23
Hexachlorocyclopentadiene	ND		1820	ug/kg	11/07/23	11/09/23
Hexachloroethane	ND		718	ug/kg	11/07/23	11/09/23
Indeno(1,2,3-cd)pyrene	ND		718	ug/kg	11/07/23	11/09/23
Isophorone	ND		718	ug/kg	11/07/23	11/09/23
Naphthalene	ND		718	ug/kg	11/07/23	11/09/23
N-Nitrosodimethylamine	ND		718	ug/kg	11/07/23	11/09/23
N-Nitrosodi-n-propylamine	ND		718	ug/kg	11/07/23	11/09/23
N-Nitrosodiphenylamine	ND		718	ug/kg	11/07/23	11/09/23
Pentachlorophenol	ND		1820	ug/kg	11/07/23	11/09/23
Phenanthrene	ND		718	ug/kg	11/07/23	11/09/23
Pyrene	ND		718	ug/kg	11/07/23	11/09/23
m&p-Cresol	ND		1440	ug/kg	11/07/23	11/09/23
Pyridine	ND		718	ug/kg	11/07/23	11/09/23
Azobenzene	ND		718	ug/kg	11/07/23	11/09/23
Total Dichlorobenzene	ND		718	ug/kg	11/07/23	11/09/23
Surrogate(s)	Recovery%		Limits			

<i>Nitrobenzene-d5</i>	92.2%		30-126		11/07/23	11/09/23
<i>p-Terphenyl-d14</i>	111%		47-135		11/07/23	11/09/23
<i>2-Fluorobiphenyl</i>	91.8%		34-130		11/07/23	11/09/23
<i>Phenol-d6</i>	70.6%		30-130		11/07/23	11/09/23
<i>2,4,6-Tribromophenol</i>	104%		30-130		11/07/23	11/09/23
<i>2-Fluorophenol</i>	71.7%		30-130		11/07/23	11/09/23

Results: Semivolatile organic compounds

Sample: B9-S2

Lab Number: 3K03039-04 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		735	ug/kg	11/07/23	11/09/23
1,2-Dichlorobenzene	ND		735	ug/kg	11/07/23	11/09/23
1,3-Dichlorobenzene	ND		735	ug/kg	11/07/23	11/09/23
1,4-Dichlorobenzene	ND		735	ug/kg	11/07/23	11/09/23
Phenol	ND		735	ug/kg	11/07/23	11/09/23
2,4,5-Trichlorophenol	ND		735	ug/kg	11/07/23	11/09/23
2,4,6-Trichlorophenol	ND		735	ug/kg	11/07/23	11/09/23
2,4-Dichlorophenol	ND		735	ug/kg	11/07/23	11/09/23
2,4-Dimethylphenol	ND		1860	ug/kg	11/07/23	11/09/23
2,4-Dinitrophenol	ND		1860	ug/kg	11/07/23	11/09/23
2,4-Dinitrotoluene	ND		735	ug/kg	11/07/23	11/09/23
2,6-Dinitrotoluene	ND		735	ug/kg	11/07/23	11/09/23
2-Chloronaphthalene	ND		735	ug/kg	11/07/23	11/09/23
2-Chlorophenol	ND		735	ug/kg	11/07/23	11/09/23
2-Methylnaphthalene	897		735	ug/kg	11/07/23	11/09/23
Nitrobenzene	ND		735	ug/kg	11/07/23	11/09/23
2-Methylphenol	ND		735	ug/kg	11/07/23	11/09/23
2-Nitroaniline	ND		735	ug/kg	11/07/23	11/09/23
2-Nitrophenol	ND		1860	ug/kg	11/07/23	11/09/23
3,3'-Dichlorobenzidine	ND		1860	ug/kg	11/07/23	11/09/23
3-Nitroaniline	ND		735	ug/kg	11/07/23	11/09/23
4,6-Dinitro-2-methylphenol	ND		1860	ug/kg	11/07/23	11/09/23
4-Bromophenyl phenyl ether	ND		735	ug/kg	11/07/23	11/09/23
4-Chloro-3-methylphenol	ND		735	ug/kg	11/07/23	11/09/23
4-Chloroaniline	ND		735	ug/kg	11/07/23	11/09/23
4-Chlorophenyl phenyl ether	ND		735	ug/kg	11/07/23	11/09/23
4-Nitroaniline	ND		735	ug/kg	11/07/23	11/09/23
4-Nitrophenol	ND		1860	ug/kg	11/07/23	11/09/23
Acenaphthene	1190		735	ug/kg	11/07/23	11/09/23
Acenaphthylene	ND		735	ug/kg	11/07/23	11/09/23
Aniline	ND		735	ug/kg	11/07/23	11/09/23
Anthracene	4410		735	ug/kg	11/07/23	11/09/23
Benzo(a)anthracene	11300		735	ug/kg	11/07/23	11/09/23
Benzo(a)pyrene	11100		735	ug/kg	11/07/23	11/09/23
Benzo(b)fluoranthene	12700		735	ug/kg	11/07/23	11/09/23
Benzo(g,h,i)perylene	6770		735	ug/kg	11/07/23	11/09/23
Benzo(k)fluoranthene	4920		735	ug/kg	11/07/23	11/09/23
Benzoic acid	ND		5650	ug/kg	11/07/23	11/09/23
Biphenyl	249		170	ug/kg	11/07/23	11/09/23
Bis(2-chloroethoxy)methane	ND		735	ug/kg	11/07/23	11/09/23
Bis(2-chloroethyl)ether	ND		735	ug/kg	11/07/23	11/09/23
Bis(2-chloroisopropyl)ether	ND		735	ug/kg	11/07/23	11/09/23
Bis(2-ethylhexyl)phthalate	ND		2260	ug/kg	11/07/23	11/09/23
Butyl benzyl phthalate	ND		735	ug/kg	11/07/23	11/09/23
Chrysene	11300		735	ug/kg	11/07/23	11/09/23
Di-n-octyl phthalate	ND		1130	ug/kg	11/07/23	11/09/23
Dibenz(a,h)anthracene	2050		735	ug/kg	11/07/23	11/09/23
Dibenzofuran	1260		735	ug/kg	11/07/23	11/09/23

Results: Semivolatile organic compounds (Continued)

Sample: B9-S2 (Continued)

Lab Number: 3K03039-04 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		735	ug/kg	11/07/23	11/09/23
Dimethyl phthalate	ND		1860	ug/kg	11/07/23	11/09/23
Di-n-butyl phthalate	ND		1130	ug/kg	11/07/23	11/09/23
Fluoranthene	21500		735	ug/kg	11/07/23	11/09/23
Fluorene	1750		735	ug/kg	11/07/23	11/09/23
Hexachlorobenzene	ND		735	ug/kg	11/07/23	11/09/23
Hexachlorobutadiene	ND		735	ug/kg	11/07/23	11/09/23
Hexachlorocyclopentadiene	ND		1860	ug/kg	11/07/23	11/09/23
Hexachloroethane	ND		735	ug/kg	11/07/23	11/09/23
Indeno(1,2,3-cd)pyrene	6680		735	ug/kg	11/07/23	11/09/23
Isophorone	ND		735	ug/kg	11/07/23	11/09/23
Naphthalene	1310		735	ug/kg	11/07/23	11/09/23
N-Nitrosodimethylamine	ND		735	ug/kg	11/07/23	11/09/23
N-Nitrosodi-n-propylamine	ND		735	ug/kg	11/07/23	11/09/23
N-Nitrosodiphenylamine	ND		735	ug/kg	11/07/23	11/09/23
Pentachlorophenol	ND		1860	ug/kg	11/07/23	11/09/23
Phenanthrene	21500		735	ug/kg	11/07/23	11/09/23
Pyrene	23100		735	ug/kg	11/07/23	11/09/23
m&p-Cresol	ND		1470	ug/kg	11/07/23	11/09/23
Pyridine	ND		735	ug/kg	11/07/23	11/09/23
Azobenzene	ND		735	ug/kg	11/07/23	11/09/23
Total Dichlorobenzene	ND		735	ug/kg	11/07/23	11/09/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	114%		30-126		11/07/23	11/09/23
<i>p-Terphenyl-d14</i>	120%		47-135		11/07/23	11/09/23
<i>2-Fluorobiphenyl</i>	107%		34-130		11/07/23	11/09/23
<i>Phenol-d6</i>	82.6%		30-130		11/07/23	11/09/23
<i>2,4,6-Tribromophenol</i>	110%		30-130		11/07/23	11/09/23
<i>2-Fluorophenol</i>	84.1%		30-130		11/07/23	11/09/23

Results: Semivolatile organic compounds

Sample: SP-1

Lab Number: 3K03039-05 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		671	ug/kg	11/07/23	11/09/23
1,2-Dichlorobenzene	ND		671	ug/kg	11/07/23	11/09/23
1,3-Dichlorobenzene	ND		671	ug/kg	11/07/23	11/09/23
1,4-Dichlorobenzene	ND		671	ug/kg	11/07/23	11/09/23
Phenol	ND		671	ug/kg	11/07/23	11/09/23
2,4,5-Trichlorophenol	ND		671	ug/kg	11/07/23	11/09/23
2,4,6-Trichlorophenol	ND		671	ug/kg	11/07/23	11/09/23
2,4-Dichlorophenol	ND		671	ug/kg	11/07/23	11/09/23
2,4-Dimethylphenol	ND		1700	ug/kg	11/07/23	11/09/23
2,4-Dinitrophenol	ND		1700	ug/kg	11/07/23	11/09/23
2,4-Dinitrotoluene	ND		671	ug/kg	11/07/23	11/09/23
2,6-Dinitrotoluene	ND		671	ug/kg	11/07/23	11/09/23
2-Chloronaphthalene	ND		671	ug/kg	11/07/23	11/09/23
2-Chlorophenol	ND		671	ug/kg	11/07/23	11/09/23
2-Methylnaphthalene	ND		671	ug/kg	11/07/23	11/09/23
Nitrobenzene	ND		671	ug/kg	11/07/23	11/09/23
2-Methylphenol	ND		671	ug/kg	11/07/23	11/09/23
2-Nitroaniline	ND		671	ug/kg	11/07/23	11/09/23
2-Nitrophenol	ND		1700	ug/kg	11/07/23	11/09/23
3,3'-Dichlorobenzidine	ND		1700	ug/kg	11/07/23	11/09/23
3-Nitroaniline	ND		671	ug/kg	11/07/23	11/09/23
4,6-Dinitro-2-methylphenol	ND		1700	ug/kg	11/07/23	11/09/23
4-Bromophenyl phenyl ether	ND		671	ug/kg	11/07/23	11/09/23
4-Chloro-3-methylphenol	ND		671	ug/kg	11/07/23	11/09/23
4-Chloroaniline	ND		671	ug/kg	11/07/23	11/09/23
4-Chlorophenyl phenyl ether	ND		671	ug/kg	11/07/23	11/09/23
4-Nitroaniline	ND		671	ug/kg	11/07/23	11/09/23
4-Nitrophenol	ND		1700	ug/kg	11/07/23	11/09/23
Acenaphthene	ND		671	ug/kg	11/07/23	11/09/23
Acenaphthylene	ND		671	ug/kg	11/07/23	11/09/23
Aniline	ND		671	ug/kg	11/07/23	11/09/23
Anthracene	ND		671	ug/kg	11/07/23	11/09/23
Benzo(a)anthracene	ND		671	ug/kg	11/07/23	11/09/23
Benzo(a)pyrene	ND		671	ug/kg	11/07/23	11/09/23
Benzo(b)fluoranthene	ND		671	ug/kg	11/07/23	11/09/23
Benzo(g,h,i)perylene	ND		671	ug/kg	11/07/23	11/09/23
Benzo(k)fluoranthene	ND		671	ug/kg	11/07/23	11/09/23
Benzoic acid	ND		5160	ug/kg	11/07/23	11/09/23
Biphenyl	ND		155	ug/kg	11/07/23	11/09/23
Bis(2-chloroethoxy)methane	ND		671	ug/kg	11/07/23	11/09/23
Bis(2-chloroethyl)ether	ND		671	ug/kg	11/07/23	11/09/23
Bis(2-chloroisopropyl)ether	ND		671	ug/kg	11/07/23	11/09/23
Bis(2-ethylhexyl)phthalate	ND		2070	ug/kg	11/07/23	11/09/23
Butyl benzyl phthalate	ND		671	ug/kg	11/07/23	11/09/23
Chrysene	ND		671	ug/kg	11/07/23	11/09/23
Di-n-octyl phthalate	ND		1030	ug/kg	11/07/23	11/09/23
Dibenz(a,h)anthracene	ND		671	ug/kg	11/07/23	11/09/23
Dibenzofuran	ND		671	ug/kg	11/07/23	11/09/23

Results: Semivolatile organic compounds (Continued)

Sample: SP-1 (Continued)

Lab Number: 3K03039-05 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		671	ug/kg	11/07/23	11/09/23
Dimethyl phthalate	ND		1700	ug/kg	11/07/23	11/09/23
Di-n-butyl phthalate	ND		1030	ug/kg	11/07/23	11/09/23
Fluoranthene	ND		671	ug/kg	11/07/23	11/09/23
Fluorene	ND		671	ug/kg	11/07/23	11/09/23
Hexachlorobenzene	ND		671	ug/kg	11/07/23	11/09/23
Hexachlorobutadiene	ND		671	ug/kg	11/07/23	11/09/23
Hexachlorocyclopentadiene	ND		1700	ug/kg	11/07/23	11/09/23
Hexachloroethane	ND		671	ug/kg	11/07/23	11/09/23
Indeno(1,2,3-cd)pyrene	ND		671	ug/kg	11/07/23	11/09/23
Isophorone	ND		671	ug/kg	11/07/23	11/09/23
Naphthalene	ND		671	ug/kg	11/07/23	11/09/23
N-Nitrosodimethylamine	ND		671	ug/kg	11/07/23	11/09/23
N-Nitrosodi-n-propylamine	ND		671	ug/kg	11/07/23	11/09/23
N-Nitrosodiphenylamine	ND		671	ug/kg	11/07/23	11/09/23
Pentachlorophenol	ND		1700	ug/kg	11/07/23	11/09/23
Phenanthrene	ND		671	ug/kg	11/07/23	11/09/23
Pyrene	ND		671	ug/kg	11/07/23	11/09/23
m&p-Cresol	ND		1340	ug/kg	11/07/23	11/09/23
Pyridine	ND		671	ug/kg	11/07/23	11/09/23
Azobenzene	ND		671	ug/kg	11/07/23	11/09/23
Total Dichlorobenzene	ND		671	ug/kg	11/07/23	11/09/23
Surrogate(s)	Recovery%		Limits			

<i>Nitrobenzene-d5</i>	55.4%		30-126		11/07/23	11/09/23
<i>p-Terphenyl-d14</i>	69.5%		47-135		11/07/23	11/09/23
<i>2-Fluorobiphenyl</i>	51.2%		34-130		11/07/23	11/09/23
<i>Phenol-d6</i>	41.8%		30-130		11/07/23	11/09/23
<i>2,4,6-Tribromophenol</i>	63.6%		30-130		11/07/23	11/09/23
<i>2-Fluorophenol</i>	41.1%		30-130		11/07/23	11/09/23

Results: Semivolatile organic compounds

Sample: SP-2

Lab Number: 3K03039-06 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		1450	ug/kg	11/07/23	11/09/23
1,2-Dichlorobenzene	ND		1450	ug/kg	11/07/23	11/09/23
1,3-Dichlorobenzene	ND		1450	ug/kg	11/07/23	11/09/23
1,4-Dichlorobenzene	ND		1450	ug/kg	11/07/23	11/09/23
Phenol	ND		1450	ug/kg	11/07/23	11/09/23
2,4,5-Trichlorophenol	ND		1450	ug/kg	11/07/23	11/09/23
2,4,6-Trichlorophenol	ND		1450	ug/kg	11/07/23	11/09/23
2,4-Dichlorophenol	ND		1450	ug/kg	11/07/23	11/09/23
2,4-Dimethylphenol	ND		3680	ug/kg	11/07/23	11/09/23
2,4-Dinitrophenol	ND		3680	ug/kg	11/07/23	11/09/23
2,4-Dinitrotoluene	ND		1450	ug/kg	11/07/23	11/09/23
2,6-Dinitrotoluene	ND		1450	ug/kg	11/07/23	11/09/23
2-Chloronaphthalene	ND		1450	ug/kg	11/07/23	11/09/23
2-Chlorophenol	ND		1450	ug/kg	11/07/23	11/09/23
2-Methylnaphthalene	ND		1450	ug/kg	11/07/23	11/09/23
Nitrobenzene	ND		1450	ug/kg	11/07/23	11/09/23
2-Methylphenol	ND		1450	ug/kg	11/07/23	11/09/23
2-Nitroaniline	ND		1450	ug/kg	11/07/23	11/09/23
2-Nitrophenol	ND		3680	ug/kg	11/07/23	11/09/23
3,3'-Dichlorobenzidine	ND		3680	ug/kg	11/07/23	11/09/23
3-Nitroaniline	ND		1450	ug/kg	11/07/23	11/09/23
4,6-Dinitro-2-methylphenol	ND		3680	ug/kg	11/07/23	11/09/23
4-Bromophenyl phenyl ether	ND		1450	ug/kg	11/07/23	11/09/23
4-Chloro-3-methylphenol	ND		1450	ug/kg	11/07/23	11/09/23
4-Chloroaniline	ND		1450	ug/kg	11/07/23	11/09/23
4-Chlorophenyl phenyl ether	ND		1450	ug/kg	11/07/23	11/09/23
4-Nitroaniline	ND		1450	ug/kg	11/07/23	11/09/23
4-Nitrophenol	ND		3680	ug/kg	11/07/23	11/09/23
Acenaphthene	ND		1450	ug/kg	11/07/23	11/09/23
Acenaphthylene	ND		1450	ug/kg	11/07/23	11/09/23
Aniline	ND		1450	ug/kg	11/07/23	11/09/23
Anthracene	2810		1450	ug/kg	11/07/23	11/09/23
Benzo(a)anthracene	6840		1450	ug/kg	11/07/23	11/09/23
Benzo(a)pyrene	6390		1450	ug/kg	11/07/23	11/09/23
Benzo(b)fluoranthene	7960		1450	ug/kg	11/07/23	11/09/23
Benzo(g,h,i)perylene	4710		1450	ug/kg	11/07/23	11/09/23
Benzo(k)fluoranthene	3090		1450	ug/kg	11/07/23	11/09/23
Benzoic acid	ND		11200	ug/kg	11/07/23	11/09/23
Biphenyl	ND		335	ug/kg	11/07/23	11/09/23
Bis(2-chloroethoxy)methane	ND		1450	ug/kg	11/07/23	11/09/23
Bis(2-chloroethyl)ether	ND		1450	ug/kg	11/07/23	11/09/23
Bis(2-chloroisopropyl)ether	ND		1450	ug/kg	11/07/23	11/09/23
Bis(2-ethylhexyl)phthalate	ND		4460	ug/kg	11/07/23	11/09/23
Butyl benzyl phthalate	ND		1450	ug/kg	11/07/23	11/09/23
Chrysene	7030		1450	ug/kg	11/07/23	11/09/23
Di-n-octyl phthalate	ND		2230	ug/kg	11/07/23	11/09/23
Dibenz(a,h)anthracene	ND		1450	ug/kg	11/07/23	11/09/23
Dibenzofuran	ND		1450	ug/kg	11/07/23	11/09/23

Results: Semivolatile organic compounds (Continued)

Sample: SP-2 (Continued)

Lab Number: 3K03039-06 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		1450	ug/kg	11/07/23	11/09/23
Dimethyl phthalate	ND		3680	ug/kg	11/07/23	11/09/23
Di-n-butyl phthalate	ND		2230	ug/kg	11/07/23	11/09/23
Fluoranthene	15300		1450	ug/kg	11/07/23	11/09/23
Fluorene	ND		1450	ug/kg	11/07/23	11/09/23
Hexachlorobenzene	ND		1450	ug/kg	11/07/23	11/09/23
Hexachlorobutadiene	ND		1450	ug/kg	11/07/23	11/09/23
Hexachlorocyclopentadiene	ND		3680	ug/kg	11/07/23	11/09/23
Hexachloroethane	ND		1450	ug/kg	11/07/23	11/09/23
Indeno(1,2,3-cd)pyrene	4740		1450	ug/kg	11/07/23	11/09/23
Isophorone	ND		1450	ug/kg	11/07/23	11/09/23
Naphthalene	ND		1450	ug/kg	11/07/23	11/09/23
N-Nitrosodimethylamine	ND		1450	ug/kg	11/07/23	11/09/23
N-Nitrosodi-n-propylamine	ND		1450	ug/kg	11/07/23	11/09/23
N-Nitrosodiphenylamine	ND		1450	ug/kg	11/07/23	11/09/23
Pentachlorophenol	ND		3680	ug/kg	11/07/23	11/09/23
Phenanthrene	11200		1450	ug/kg	11/07/23	11/09/23
Pyrene	14200		1450	ug/kg	11/07/23	11/09/23
m&p-Cresol	ND		2900	ug/kg	11/07/23	11/09/23
Pyridine	ND		1450	ug/kg	11/07/23	11/09/23
Azobenzene	ND		1450	ug/kg	11/07/23	11/09/23
Total Dichlorobenzene	ND		1450	ug/kg	11/07/23	11/09/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	68.5%		30-126		11/07/23	11/09/23
<i>p-Terphenyl-d14</i>	75.3%		47-135		11/07/23	11/09/23
<i>2-Fluorobiphenyl</i>	64.1%		34-130		11/07/23	11/09/23
<i>Phenol-d6</i>	45.4%		30-130		11/07/23	11/09/23
<i>2,4,6-Tribromophenol</i>	68.5%		30-130		11/07/23	11/09/23
<i>2-Fluorophenol</i>	49.3%		30-130		11/07/23	11/09/23

Results: Semivolatile organic compounds

Sample: SP-3

Lab Number: 3K03039-07 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		718	ug/kg	11/07/23	11/09/23
1,2-Dichlorobenzene	ND		718	ug/kg	11/07/23	11/09/23
1,3-Dichlorobenzene	ND		718	ug/kg	11/07/23	11/09/23
1,4-Dichlorobenzene	ND		718	ug/kg	11/07/23	11/09/23
Phenol	ND		718	ug/kg	11/07/23	11/09/23
2,4,5-Trichlorophenol	ND		718	ug/kg	11/07/23	11/09/23
2,4,6-Trichlorophenol	ND		718	ug/kg	11/07/23	11/09/23
2,4-Dichlorophenol	ND		718	ug/kg	11/07/23	11/09/23
2,4-Dimethylphenol	ND		1820	ug/kg	11/07/23	11/09/23
2,4-Dinitrophenol	ND		1820	ug/kg	11/07/23	11/09/23
2,4-Dinitrotoluene	ND		718	ug/kg	11/07/23	11/09/23
2,6-Dinitrotoluene	ND		718	ug/kg	11/07/23	11/09/23
2-Chloronaphthalene	ND		718	ug/kg	11/07/23	11/09/23
2-Chlorophenol	ND		718	ug/kg	11/07/23	11/09/23
2-Methylnaphthalene	ND		718	ug/kg	11/07/23	11/09/23
Nitrobenzene	ND		718	ug/kg	11/07/23	11/09/23
2-Methylphenol	ND		718	ug/kg	11/07/23	11/09/23
2-Nitroaniline	ND		718	ug/kg	11/07/23	11/09/23
2-Nitrophenol	ND		1820	ug/kg	11/07/23	11/09/23
3,3'-Dichlorobenzidine	ND		1820	ug/kg	11/07/23	11/09/23
3-Nitroaniline	ND		718	ug/kg	11/07/23	11/09/23
4,6-Dinitro-2-methylphenol	ND		1820	ug/kg	11/07/23	11/09/23
4-Bromophenyl phenyl ether	ND		718	ug/kg	11/07/23	11/09/23
4-Chloro-3-methylphenol	ND		718	ug/kg	11/07/23	11/09/23
4-Chloroaniline	ND		718	ug/kg	11/07/23	11/09/23
4-Chlorophenyl phenyl ether	ND		718	ug/kg	11/07/23	11/09/23
4-Nitroaniline	ND		718	ug/kg	11/07/23	11/09/23
4-Nitrophenol	ND		1820	ug/kg	11/07/23	11/09/23
Acenaphthene	ND		718	ug/kg	11/07/23	11/09/23
Acenaphthylene	1970		718	ug/kg	11/07/23	11/09/23
Aniline	ND		718	ug/kg	11/07/23	11/09/23
Anthracene	4030		718	ug/kg	11/07/23	11/09/23
Benzo(a)anthracene	10300		718	ug/kg	11/07/23	11/09/23
Benzo(a)pyrene	7750		718	ug/kg	11/07/23	11/09/23
Benzo(b)fluoranthene	10500		718	ug/kg	11/07/23	11/09/23
Benzo(g,h,i)perylene	6080		718	ug/kg	11/07/23	11/09/23
Benzo(k)fluoranthene	4010		718	ug/kg	11/07/23	11/09/23
Benzoic acid	ND		5520	ug/kg	11/07/23	11/09/23
Biphenyl	ND		166	ug/kg	11/07/23	11/09/23
Bis(2-chloroethoxy)methane	ND		718	ug/kg	11/07/23	11/09/23
Bis(2-chloroethyl)ether	ND		718	ug/kg	11/07/23	11/09/23
Bis(2-chloroisopropyl)ether	ND		718	ug/kg	11/07/23	11/09/23
Bis(2-ethylhexyl)phthalate	ND		2210	ug/kg	11/07/23	11/09/23
Butyl benzyl phthalate	ND		718	ug/kg	11/07/23	11/09/23
Chrysene	9810		718	ug/kg	11/07/23	11/09/23
Di-n-octyl phthalate	ND		1100	ug/kg	11/07/23	11/09/23
Dibenz(a,h)anthracene	1390		718	ug/kg	11/07/23	11/09/23
Dibenzofuran	1170		718	ug/kg	11/07/23	11/09/23

Results: Semivolatile organic compounds (Continued)

Sample: SP-3 (Continued)

Lab Number: 3K03039-07 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		718	ug/kg	11/07/23	11/09/23
Dimethyl phthalate	ND		1820	ug/kg	11/07/23	11/09/23
Di-n-butyl phthalate	ND		1100	ug/kg	11/07/23	11/09/23
Fluoranthene	19100		718	ug/kg	11/07/23	11/09/23
Fluorene	1230		718	ug/kg	11/07/23	11/09/23
Hexachlorobenzene	ND		718	ug/kg	11/07/23	11/09/23
Hexachlorobutadiene	ND		718	ug/kg	11/07/23	11/09/23
Hexachlorocyclopentadiene	ND		1820	ug/kg	11/07/23	11/09/23
Hexachloroethane	ND		718	ug/kg	11/07/23	11/09/23
Indeno(1,2,3-cd)pyrene	6040		718	ug/kg	11/07/23	11/09/23
Isophorone	ND		718	ug/kg	11/07/23	11/09/23
Naphthalene	ND		718	ug/kg	11/07/23	11/09/23
N-Nitrosodimethylamine	ND		718	ug/kg	11/07/23	11/09/23
N-Nitrosodi-n-propylamine	ND		718	ug/kg	11/07/23	11/09/23
N-Nitrosodiphenylamine	ND		718	ug/kg	11/07/23	11/09/23
Pentachlorophenol	ND		1820	ug/kg	11/07/23	11/09/23
Phenanthrene	17300		718	ug/kg	11/07/23	11/09/23
Pyrene	19700		718	ug/kg	11/07/23	11/09/23
m&p-Cresol	ND		1440	ug/kg	11/07/23	11/09/23
Pyridine	ND		718	ug/kg	11/07/23	11/09/23
Azobenzene	ND		718	ug/kg	11/07/23	11/09/23
Total Dichlorobenzene	ND		718	ug/kg	11/07/23	11/09/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	67.0%		30-126		11/07/23	11/09/23
<i>p-Terphenyl-d14</i>	74.7%		47-135		11/07/23	11/09/23
<i>2-Fluorobiphenyl</i>	62.4%		34-130		11/07/23	11/09/23
<i>Phenol-d6</i>	50.7%		30-130		11/07/23	11/09/23
<i>2,4,6-Tribromophenol</i>	66.4%		30-130		11/07/23	11/09/23
<i>2-Fluorophenol</i>	49.8%		30-130		11/07/23	11/09/23

Results: Semivolatile organic compounds

Sample: SP-4

Lab Number: 3K03039-08 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		730	ug/kg	11/07/23	11/09/23
1,2-Dichlorobenzene	ND		730	ug/kg	11/07/23	11/09/23
1,3-Dichlorobenzene	ND		730	ug/kg	11/07/23	11/09/23
1,4-Dichlorobenzene	ND		730	ug/kg	11/07/23	11/09/23
Phenol	ND		730	ug/kg	11/07/23	11/09/23
2,4,5-Trichlorophenol	ND		730	ug/kg	11/07/23	11/09/23
2,4,6-Trichlorophenol	ND		730	ug/kg	11/07/23	11/09/23
2,4-Dichlorophenol	ND		730	ug/kg	11/07/23	11/09/23
2,4-Dimethylphenol	ND		1850	ug/kg	11/07/23	11/09/23
2,4-Dinitrophenol	ND		1850	ug/kg	11/07/23	11/09/23
2,4-Dinitrotoluene	ND		730	ug/kg	11/07/23	11/09/23
2,6-Dinitrotoluene	ND		730	ug/kg	11/07/23	11/09/23
2-Chloronaphthalene	ND		730	ug/kg	11/07/23	11/09/23
2-Chlorophenol	ND		730	ug/kg	11/07/23	11/09/23
2-Methylnaphthalene	ND		730	ug/kg	11/07/23	11/09/23
Nitrobenzene	ND		730	ug/kg	11/07/23	11/09/23
2-Methylphenol	ND		730	ug/kg	11/07/23	11/09/23
2-Nitroaniline	ND		730	ug/kg	11/07/23	11/09/23
2-Nitrophenol	ND		1850	ug/kg	11/07/23	11/09/23
3,3'-Dichlorobenzidine	ND		1850	ug/kg	11/07/23	11/09/23
3-Nitroaniline	ND		730	ug/kg	11/07/23	11/09/23
4,6-Dinitro-2-methylphenol	ND		1850	ug/kg	11/07/23	11/09/23
4-Bromophenyl phenyl ether	ND		730	ug/kg	11/07/23	11/09/23
4-Chloro-3-methylphenol	ND		730	ug/kg	11/07/23	11/09/23
4-Chloroaniline	ND		730	ug/kg	11/07/23	11/09/23
4-Chlorophenyl phenyl ether	ND		730	ug/kg	11/07/23	11/09/23
4-Nitroaniline	ND		730	ug/kg	11/07/23	11/09/23
4-Nitrophenol	ND		1850	ug/kg	11/07/23	11/09/23
Acenaphthene	ND		730	ug/kg	11/07/23	11/09/23
Acenaphthylene	ND		730	ug/kg	11/07/23	11/09/23
Aniline	ND		730	ug/kg	11/07/23	11/09/23
Anthracene	1910		730	ug/kg	11/07/23	11/09/23
Benzo(a)anthracene	4650		730	ug/kg	11/07/23	11/09/23
Benzo(a)pyrene	4630		730	ug/kg	11/07/23	11/09/23
Benzo(b)fluoranthene	5580		730	ug/kg	11/07/23	11/09/23
Benzo(g,h,i)perylene	3280		730	ug/kg	11/07/23	11/09/23
Benzo(k)fluoranthene	2050		730	ug/kg	11/07/23	11/09/23
Benzoic acid	ND		5620	ug/kg	11/07/23	11/09/23
Biphenyl	ND		168	ug/kg	11/07/23	11/09/23
Bis(2-chloroethoxy)methane	ND		730	ug/kg	11/07/23	11/09/23
Bis(2-chloroethyl)ether	ND		730	ug/kg	11/07/23	11/09/23
Bis(2-chloroisopropyl)ether	ND		730	ug/kg	11/07/23	11/09/23
Bis(2-ethylhexyl)phthalate	ND		2250	ug/kg	11/07/23	11/09/23
Butyl benzyl phthalate	ND		730	ug/kg	11/07/23	11/09/23
Chrysene	4470		730	ug/kg	11/07/23	11/09/23
Di-n-octyl phthalate	ND		1120	ug/kg	11/07/23	11/09/23
Dibenz(a,h)anthracene	884		730	ug/kg	11/07/23	11/09/23
Dibenzofuran	ND		730	ug/kg	11/07/23	11/09/23

Results: Semivolatile organic compounds (Continued)

Sample: SP-4 (Continued)

Lab Number: 3K03039-08 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		730	ug/kg	11/07/23	11/09/23
Dimethyl phthalate	ND		1850	ug/kg	11/07/23	11/09/23
Di-n-butyl phthalate	ND		1120	ug/kg	11/07/23	11/09/23
Fluoranthene	10300		730	ug/kg	11/07/23	11/09/23
Fluorene	ND		730	ug/kg	11/07/23	11/09/23
Hexachlorobenzene	ND		730	ug/kg	11/07/23	11/09/23
Hexachlorobutadiene	ND		730	ug/kg	11/07/23	11/09/23
Hexachlorocyclopentadiene	ND		1850	ug/kg	11/07/23	11/09/23
Hexachloroethane	ND		730	ug/kg	11/07/23	11/09/23
Indeno(1,2,3-cd)pyrene	3220		730	ug/kg	11/07/23	11/09/23
Isophorone	ND		730	ug/kg	11/07/23	11/09/23
Naphthalene	ND		730	ug/kg	11/07/23	11/09/23
N-Nitrosodimethylamine	ND		730	ug/kg	11/07/23	11/09/23
N-Nitrosodi-n-propylamine	ND		730	ug/kg	11/07/23	11/09/23
N-Nitrosodiphenylamine	ND		730	ug/kg	11/07/23	11/09/23
Pentachlorophenol	ND		1850	ug/kg	11/07/23	11/09/23
Phenanthrene	7170		730	ug/kg	11/07/23	11/09/23
Pyrene	9260		730	ug/kg	11/07/23	11/09/23
m&p-Cresol	ND		1460	ug/kg	11/07/23	11/09/23
Pyridine	ND		730	ug/kg	11/07/23	11/09/23
Azobenzene	ND		730	ug/kg	11/07/23	11/09/23
Total Dichlorobenzene	ND		730	ug/kg	11/07/23	11/09/23
<hr/>						
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	58.9%		30-126		11/07/23	11/09/23
<i>p-Terphenyl-d14</i>	68.6%		47-135		11/07/23	11/09/23
<i>2-Fluorobiphenyl</i>	57.4%		34-130		11/07/23	11/09/23
<i>Phenol-d6</i>	40.7%		30-130		11/07/23	11/09/23
<i>2,4,6-Tribromophenol</i>	64.2%		30-130		11/07/23	11/09/23
<i>2-Fluorophenol</i>	43.3%		30-130		11/07/23	11/09/23

Results: Polychlorinated Biphenyls (PCBs)

Sample: B8-S1

Lab Number: 3K03039-01 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1221	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1232	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1242	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1248	893		72	ug/kg	11/07/23	11/09/23
Aroclor-1254	573		72	ug/kg	11/07/23	11/09/23
Aroclor-1260	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1262	ND		72	ug/kg	11/07/23	11/09/23
Aroclor-1268	ND		72	ug/kg	11/07/23	11/09/23
PCBs (Total)	1470		72	ug/kg	11/07/23	11/09/23
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	47.6%		36.2-130		11/07/23	11/09/23
<i>Decachlorobiphenyl (DCBP)</i>	50.8%		43.3-130		11/07/23	11/09/23

Results: Polychlorinated Biphenyls (PCBs)

Sample: B8-S2

Lab Number: 3K03039-02 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		76	ug/kg	11/07/23	11/09/23
Aroclor-1221	ND		76	ug/kg	11/07/23	11/09/23
Aroclor-1232	ND		76	ug/kg	11/07/23	11/09/23
Aroclor-1242	ND		76	ug/kg	11/07/23	11/09/23
Aroclor-1248	ND		76	ug/kg	11/07/23	11/09/23
Aroclor-1254	ND		76	ug/kg	11/07/23	11/09/23
Aroclor-1260	ND		76	ug/kg	11/07/23	11/09/23
Aroclor-1262	ND		76	ug/kg	11/07/23	11/09/23
Aroclor-1268	ND		76	ug/kg	11/07/23	11/09/23
PCBs (Total)	ND	J	76	ug/kg	11/07/23	11/09/23
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	51.4%		36.2-130		11/07/23	11/09/23
<i>Decachlorobiphenyl (DCBP)</i>	45.6%		43.3-130		11/07/23	11/09/23

Results: Polychlorinated Biphenyls (PCBs)

Sample: B9-S1

Lab Number: 3K03039-03 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		71	ug/kg	11/08/23	11/10/23
Aroclor-1221	ND		71	ug/kg	11/08/23	11/10/23
Aroclor-1232	ND		71	ug/kg	11/08/23	11/10/23
Aroclor-1242	ND		71	ug/kg	11/08/23	11/10/23
Aroclor-1248	ND		71	ug/kg	11/08/23	11/10/23
Aroclor-1254	ND		71	ug/kg	11/08/23	11/10/23
Aroclor-1260	ND		71	ug/kg	11/08/23	11/10/23
Aroclor-1262	ND		71	ug/kg	11/08/23	11/10/23
Aroclor-1268	ND		71	ug/kg	11/08/23	11/10/23
PCBs (Total)	ND		71	ug/kg	11/08/23	11/10/23
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	71.6%		36.2-130		11/08/23	11/10/23
<i>Decachlorobiphenyl (DCBP)</i>	71.6%		43.3-130		11/08/23	11/10/23

Results: Polychlorinated Biphenyls (PCBs)**Sample: B9-S2****Lab Number: 3K03039-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		74	ug/kg	11/08/23	11/10/23
Aroclor-1221	ND		74	ug/kg	11/08/23	11/10/23
Aroclor-1232	ND		74	ug/kg	11/08/23	11/10/23
Aroclor-1242	ND		74	ug/kg	11/08/23	11/10/23
Aroclor-1248	ND		74	ug/kg	11/08/23	11/10/23
Aroclor-1254	ND		74	ug/kg	11/08/23	11/10/23
Aroclor-1260	ND		74	ug/kg	11/08/23	11/10/23
Aroclor-1262	ND		74	ug/kg	11/08/23	11/10/23
Aroclor-1268	ND		74	ug/kg	11/08/23	11/10/23
PCBs (Total)	ND		74	ug/kg	11/08/23	11/10/23
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	50.9%		36.2-130		11/08/23	11/10/23
<i>Decachlorobiphenyl (DCBP)</i>	45.0%		43.3-130		11/08/23	11/10/23

Results: Polychlorinated Biphenyls (PCBs)

Sample: SP-1

Lab Number: 3K03039-05 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		68	ug/kg	11/08/23	11/10/23
Aroclor-1221	ND		68	ug/kg	11/08/23	11/10/23
Aroclor-1232	ND		68	ug/kg	11/08/23	11/10/23
Aroclor-1242	ND		68	ug/kg	11/08/23	11/10/23
Aroclor-1248	183		68	ug/kg	11/08/23	11/10/23
Aroclor-1254	296		68	ug/kg	11/08/23	11/10/23
Aroclor-1260	ND		68	ug/kg	11/08/23	11/10/23
Aroclor-1262	ND		68	ug/kg	11/08/23	11/10/23
Aroclor-1268	ND		68	ug/kg	11/08/23	11/10/23
PCBs (Total)	479		68	ug/kg	11/08/23	11/10/23
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	59.4%		36.2-130		11/08/23	11/10/23
<i>Decachlorobiphenyl (DCBP)</i>	53.4%		43.3-130		11/08/23	11/10/23

Results: Polychlorinated Biphenyls (PCBs)**Sample: SP-2****Lab Number: 3K03039-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		72	ug/kg	11/08/23	11/10/23
Aroclor-1221	ND		72	ug/kg	11/08/23	11/10/23
Aroclor-1232	ND		72	ug/kg	11/08/23	11/10/23
Aroclor-1242	ND		72	ug/kg	11/08/23	11/10/23
Aroclor-1248	ND		72	ug/kg	11/08/23	11/10/23
Aroclor-1254	ND		72	ug/kg	11/08/23	11/10/23
Aroclor-1260	ND		72	ug/kg	11/08/23	11/10/23
Aroclor-1262	ND		72	ug/kg	11/08/23	11/10/23
Aroclor-1268	ND		72	ug/kg	11/08/23	11/10/23
PCBs (Total)	ND		72	ug/kg	11/08/23	11/10/23
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	59.6%		36.2-130		11/08/23	11/10/23
<i>Decachlorobiphenyl (DCBP)</i>	53.9%		43.3-130		11/08/23	11/10/23

Results: Polychlorinated Biphenyls (PCBs)

Sample: SP-3

Lab Number: 3K03039-07 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		72	ug/kg	11/08/23	11/10/23
Aroclor-1221	ND		72	ug/kg	11/08/23	11/10/23
Aroclor-1232	ND		72	ug/kg	11/08/23	11/10/23
Aroclor-1242	ND		72	ug/kg	11/08/23	11/10/23
Aroclor-1248	ND		72	ug/kg	11/08/23	11/10/23
Aroclor-1254	ND		72	ug/kg	11/08/23	11/10/23
Aroclor-1260	ND		72	ug/kg	11/08/23	11/10/23
Aroclor-1262	ND		72	ug/kg	11/08/23	11/10/23
Aroclor-1268	ND		72	ug/kg	11/08/23	11/10/23
PCBs (Total)	ND		72	ug/kg	11/08/23	11/10/23
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	68.1%		36.2-130		11/08/23	11/10/23
<i>Decachlorobiphenyl (DCBP)</i>	95.1%		43.3-130		11/08/23	11/10/23

Results: Polychlorinated Biphenyls (PCBs)

Sample: SP-4

Lab Number: 3K03039-08 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		72	ug/kg	11/08/23	11/10/23
Aroclor-1221	ND		72	ug/kg	11/08/23	11/10/23
Aroclor-1232	ND		72	ug/kg	11/08/23	11/10/23
Aroclor-1242	ND		72	ug/kg	11/08/23	11/10/23
Aroclor-1248	ND		72	ug/kg	11/08/23	11/10/23
Aroclor-1254	857		72	ug/kg	11/08/23	11/10/23
Aroclor-1260	ND		72	ug/kg	11/08/23	11/10/23
Aroclor-1262	ND		72	ug/kg	11/08/23	11/10/23
Aroclor-1268	ND		72	ug/kg	11/08/23	11/10/23
PCBs (Total)	857		72	ug/kg	11/08/23	11/10/23
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	56.4%		36.2-130		11/08/23	11/10/23
<i>Decachlorobiphenyl (DCBP)</i>	56.1%		43.3-130		11/08/23	11/10/23

Results: Total Petroleum Hydrocarbons**Sample: B8-S1****Lab Number: 3K03039-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	937		285	mg/kg	11/07/23	11/08/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>86.5%</i>		<i>50-130</i>		11/07/23	11/08/23

Results: Total Petroleum Hydrocarbons**Sample: B8-S2****Lab Number: 3K03039-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	1310		629	mg/kg	11/07/23	11/08/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>67.2%</i>		<i>50-130</i>		11/07/23	11/08/23

Results: Total Petroleum Hydrocarbons**Sample: B9-S1****Lab Number: 3K03039-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	214		144	mg/kg	11/09/23	11/10/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>61.9%</i>		<i>50-130</i>		11/09/23	11/10/23

Results: Total Petroleum Hydrocarbons**Sample: B9-S2****Lab Number: 3K03039-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	630		150	mg/kg	11/09/23	11/10/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>98.8%</i>		<i>50-130</i>		11/09/23	11/10/23

Results: Total Petroleum Hydrocarbons**Sample: SP-1****Lab Number: 3K03039-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	359		268	mg/kg	11/09/23	11/10/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>84.9%</i>		<i>50-130</i>		11/09/23	11/10/23

Results: Total Petroleum Hydrocarbons**Sample: SP-2****Lab Number: 3K03039-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	495		143	mg/kg	11/09/23	11/10/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>77.0%</i>		<i>50-130</i>		11/09/23	11/10/23

Results: Total Petroleum Hydrocarbons**Sample: SP-3****Lab Number: 3K03039-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	429		117	mg/kg	11/09/23	11/10/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>102%</i>		<i>50-130</i>		11/09/23	11/10/23

Results: Total Petroleum Hydrocarbons**Sample: SP-4****Lab Number: 3K03039-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	1000		299	mg/kg	11/09/23	11/10/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>98.8%</i>		<i>50-130</i>		11/09/23	11/10/23

Quality Control

Total Metals

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0205 - Metals Digestion Soils										
Blank (B3K0205-BLK1)										
					Prepared: 11/06/23 Analyzed: 11/09/23					
Chromium	ND		0.50	mg/kg						
Copper	ND		2.00	mg/kg						
Zinc	ND		2.0	mg/kg						
Silver	ND		1.00	mg/kg						
Nickel	ND		0.50	mg/kg						
Antimony	ND		0.66	mg/kg						
Arsenic	ND		1.00	mg/kg						
Lead	ND		0.50	mg/kg						
Beryllium	ND		0.33	mg/kg						
Cadmium	ND		0.50	mg/kg						
Selenium	ND		1.00	mg/kg						
Thallium	ND		0.33	mg/kg						
LCS (B3K0205-BS1)										
					Prepared: 11/06/23 Analyzed: 11/09/23					
Antimony	105		0.66	mg/kg	100		105	85-115		
Silver	39.0		1.00	mg/kg	40.0		97.5	85-115		
Chromium	98.5		0.50	mg/kg	100		98.5	85-115		
Arsenic	19.5		1.00	mg/kg	20.0		97.6	85-115		
Copper	97.0		2.00	mg/kg	100		97.0	85-115		
Nickel	96.2		0.50	mg/kg	100		96.2	85-112		
Lead	105		0.50	mg/kg	100		105	85-115		
Beryllium	19.9		0.33	mg/kg	20.0		99.5	85-115		
Selenium	19.9		1.00	mg/kg	20.0		99.3	85-115		
Cadmium	97.2		0.50	mg/kg	100		97.2	85-115		
Zinc	103		2.0	mg/kg	100		103	85-115		
Thallium	101		0.33	mg/kg	100		101	85-115		
LCS Dup (B3K0205-BSD1)										
					Prepared: 11/06/23 Analyzed: 11/09/23					
Copper	96.9		2.00	mg/kg	100		96.9	85-115	0.0998	200
Zinc	103		2.0	mg/kg	100		103	85-115	0.0786	200
Cadmium	97.9		0.50	mg/kg	100		97.9	85-115	0.701	200
Nickel	96.7		0.50	mg/kg	100		96.7	85-112	0.449	200
Lead	102		0.50	mg/kg	100		102	85-115	2.66	200
Selenium	18.8		1.00	mg/kg	20.0		93.9	85-115	5.60	200
Beryllium	20.1		0.33	mg/kg	20.0		100	85-115	0.990	200
Chromium	99.2		0.50	mg/kg	100		99.2	85-115	0.666	200
Silver	39.6		1.00	mg/kg	40.0		98.9	85-115	1.48	200
Antimony	106		0.66	mg/kg	100		106	85-115	0.0420	200
Arsenic	19.9		1.00	mg/kg	20.0		99.4	85-115	1.86	200
Thallium	102		0.33	mg/kg	100		102	85-115	1.13	10

**Quality Control
(Continued)**

Total Metals (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0205 - Metals Digestion Soils (Continued)										
Matrix Spike (B3K0205-MS1)			Source: 3K03013-02		Prepared: 11/06/23		Analyzed: 11/09/23			
Chromium	140		0.61	mg/kg dry	123	7.06	108	75-125		
Cadmium	117		0.61	mg/kg dry	123	ND	95.5	75-125		
Silver	44.5		1.23	mg/kg dry	49.2	ND	90.5	75-125		
Selenium	16.4		1.23	mg/kg dry	24.6	ND	66.8	75-125		
Lead	131		0.61	mg/kg dry	123	2.60	104	75-125		
Arsenic	24.4		1.23	mg/kg dry	24.6	0.77	96.1	75-125		
Matrix Spike Dup (B3K0205-MSD1)			Source: 3K03013-02		Prepared: 11/06/23		Analyzed: 11/09/23			
Chromium	126		0.60	mg/kg dry	120	7.06	98.9	75-125	10.4	20
Selenium	17.1		1.20	mg/kg dry	24.1	ND	71.1	75-125	6.20	20
Silver	44.9		1.20	mg/kg dry	48.2	ND	93.2	75-125	2.98	20
Cadmium	117		0.60	mg/kg dry	120	ND	97.4	75-125	0.0654	20
Lead	130		0.60	mg/kg dry	120	2.60	106	75-125	0.601	20
Arsenic	24.8		1.20	mg/kg dry	24.1	0.77	99.7	75-125	3.60	20
Batch: B3K0206 - Metals Cold-Vapor Mercury										
Blank (B3K0206-BLK1)					Prepared: 11/06/23		Analyzed: 11/07/23			
Mercury	ND		0.100	mg/kg						
Blank (B3K0206-BLK2)					Prepared: 11/06/23		Analyzed: 11/07/23			
Mercury	ND		0.100	mg/kg						
LCS (B3K0206-BS1)					Prepared: 11/06/23		Analyzed: 11/07/23			
Mercury	0.374		0.100	mg/kg	0.357		105	93-114		
LCS (B3K0206-BS2)					Prepared: 11/06/23		Analyzed: 11/07/23			
Mercury	0.374		0.100	mg/kg	0.357		105	93-114		

Quality Control
(Continued)

Total Metals (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0206 - Metals Cold-Vapor Mercury (Continued)										
LCS Dup (B3K0206-BSD1)										
Mercury	0.376		0.100	mg/kg	0.357		105	93-114	0.496	200
					Prepared: 11/06/23	Analyzed: 11/07/23				
LCS Dup (B3K0206-BSD2)										
Mercury	0.376		0.100	mg/kg	0.357		105	93-114	0.496	200
					Prepared: 11/06/23	Analyzed: 11/07/23				
Matrix Spike (B3K0206-MS1)										
Mercury	0.533		0.145	mg/kg dry	0.516	ND	103	80-120		
			Source: 3K03013-02			Prepared: 11/06/23	Analyzed: 11/07/23			
Matrix Spike Dup (B3K0206-MSD1)										
Mercury	0.473		0.123	mg/kg dry	0.441	ND	107	80-120	11.9	20
			Source: 3K03013-02			Prepared: 11/06/23	Analyzed: 11/07/23			

Quality Control
(Continued)

Volatile Organic Compounds 8260C (5035-HL)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0331 - Purge-Trap										
Blank (B3K0331-BLK1)					Prepared & Analyzed: 11/07/23					
Acetone	ND		2500	ug/kg						
Benzene	ND		50	ug/kg						
Bromobenzene	ND		50	ug/kg						
Bromochloromethane	ND		50	ug/kg						
Bromodichloromethane	ND		50	ug/kg						
Bromoform	ND		50	ug/kg						
Bromomethane	ND		50	ug/kg						
2-Butanone	ND		1250	ug/kg						
tert-Butyl alcohol	ND		250	ug/kg						
sec-Butylbenzene	ND		50	ug/kg						
n-Butylbenzene	ND		50	ug/kg						
tert-Butylbenzene	ND		50	ug/kg						
Methyl t-butyl ether (MTBE)	ND		50	ug/kg						
Carbon Disulfide	ND		50	ug/kg						
Carbon Tetrachloride	ND		50	ug/kg						
Chlorobenzene	ND		50	ug/kg						
Chloroethane	ND		50	ug/kg						
Chloroform	ND		50	ug/kg						
Chloromethane	ND		50	ug/kg						
4-Chlorotoluene	ND		50	ug/kg						
2-Chlorotoluene	ND		50	ug/kg						
1,2-Dibromo-3-chloropropane (DBCP)	ND		50	ug/kg						
Dibromochloromethane	ND		50	ug/kg						
1,2-Dibromoethane (EDB)	ND		50	ug/kg						
Dibromomethane	ND		50	ug/kg						
1,2-Dichlorobenzene	ND		50	ug/kg						
1,3-Dichlorobenzene	ND		50	ug/kg						
1,4-Dichlorobenzene	ND		50	ug/kg						
1,1-Dichloroethane	ND		50	ug/kg						
1,2-Dichloroethane	ND		50	ug/kg						
trans-1,2-Dichloroethene	ND		50	ug/kg						
cis-1,2-Dichloroethene	ND		50	ug/kg						
1,1-Dichloroethene	ND		50	ug/kg						
1,2-Dichloropropane	ND		50	ug/kg						
2,2-Dichloropropane	ND		50	ug/kg						
cis-1,3-Dichloropropene	ND		50	ug/kg						
trans-1,3-Dichloropropene	ND		50	ug/kg						
1,1-Dichloropropene	ND		50	ug/kg						
1,3-Dichloropropene (cis + trans)	ND		100	ug/kg						
Diethyl ether	ND		250	ug/kg						
1,4-Dioxane	ND		5000	ug/kg						
Ethylbenzene	ND		50	ug/kg						
Hexachlorobutadiene	ND		50	ug/kg						
2-Hexanone	ND		500	ug/kg						
Isopropylbenzene	ND		50	ug/kg						
p-Isopropyltoluene	ND		50	ug/kg						
Methylene Chloride	ND		250	ug/kg						
4-Methyl-2-pentanone	ND		350	ug/kg						
Naphthalene	ND		50	ug/kg						
n-Propylbenzene	ND		50	ug/kg						
Styrene	ND		50	ug/kg						
1,1,1,2-Tetrachloroethane	ND		50	ug/kg						
Tetrachloroethene	ND		50	ug/kg						
Tetrahydrofuran	ND		250	ug/kg						
Toluene	ND		50	ug/kg						
1,2,4-Trichlorobenzene	ND		50	ug/kg						
1,2,3-Trichlorobenzene	ND		50	ug/kg						

Quality Control
(Continued)

Volatile Organic Compounds 8260C (5035-HL) (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0331 - Purge-Trap (Continued)										
Blank (B3K0331-BLK1)					Prepared & Analyzed: 11/07/23					
1,1,2-Trichloroethane	ND		50	ug/kg						
1,1,1-Trichloroethane	ND		50	ug/kg						
Trichloroethene	ND		50	ug/kg						
1,2,3-Trichloropropane	ND		50	ug/kg						
1,3,5-Trimethylbenzene	ND		50	ug/kg						
1,2,4-Trimethylbenzene	ND		50	ug/kg						
Vinyl Chloride	ND		50	ug/kg						
o-Xylene	ND		50	ug/kg						
m&p-Xylene	ND		100	ug/kg						
Total xylenes	ND		50	ug/kg						
1,1,2,2-Tetrachloroethane	ND		50	ug/kg						
tert-Amyl methyl ether	ND		50	ug/kg						
1,3-Dichloropropane	ND		50	ug/kg						
Ethyl tert-butyl ether	ND		50	ug/kg						
Diisopropyl ether	ND		50	ug/kg						
Trichlorofluoromethane	ND		50	ug/kg						
Dichlorodifluoromethane	ND		50	ug/kg						
1,2 Dichloroethene, Total	ND		250	ug/kg						
<hr/>										
<i>Surrogate: 4-Bromofluorobenzene</i>			46.4	ug/l	50.0		92.9	70-130		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			51.5	ug/l	50.0		103	70-130		
<i>Surrogate: Toluene-d8</i>			47.9	ug/l	50.0		95.8	70-130		
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LCS (B3K0331-BS1)					Prepared & Analyzed: 11/07/23					
Acetone	1670		250	ug/kg	2500		66.9	50-150		
Benzene	2360		50	ug/kg	2500		94.4	70-130		
Bromobenzene	2540		50	ug/kg	2500		101	70-130		
Bromochloromethane	2540		50	ug/kg	2500		102	70-130		
Bromodichloromethane	2360		50	ug/kg	2500		94.5	70-130		
Bromoform	2620		50	ug/kg	2500		105	70-130		
Bromomethane	2530		50	ug/kg	2500		101	50-150		
2-Butanone	2060		1250	ug/kg	2500		82.2	50-150		
tert-Butyl alcohol	1810		250	ug/kg	2500		72.6	70-130		
sec-Butylbenzene	2730		50	ug/kg	2500		109	70-130		
n-Butylbenzene	2800		50	ug/kg	2500		112	70-130		
tert-Butylbenzene	2750		50	ug/kg	2500		110	70-130		
Methyl t-butyl ether (MTBE)	2410		50	ug/kg	2500		96.2	70-130		
Carbon Disulfide	2700		50	ug/kg	2500		108	70-130		
Carbon Tetrachloride	2550		50	ug/kg	2500		102	70-130		
Chlorobenzene	2390		50	ug/kg	2500		95.6	70-130		
Chloroethane	2590		50	ug/kg	2500		103	50-150		
Chloroform	2360		50	ug/kg	2500		94.5	70-130		
Chloromethane	2470		50	ug/kg	2500		99.0	50-150		
4-Chlorotoluene	2590		50	ug/kg	2500		103	70-130		
2-Chlorotoluene	2440		50	ug/kg	2500		97.5	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	2430		50	ug/kg	2500		97.4	70-130		
Dibromochloromethane	2500		50	ug/kg	2500		100	70-130		
1,2-Dibromoethane (EDB)	2500		50	ug/kg	2500		100	70-130		
Dibromomethane	2470		50	ug/kg	2500		98.9	70-130		
1,2-Dichlorobenzene	2490		50	ug/kg	2500		99.7	70-130		
1,3-Dichlorobenzene	2560		50	ug/kg	2500		102	70-130		
1,4-Dichlorobenzene	2390		50	ug/kg	2500		95.5	70-130		
1,1-Dichloroethane	2360		50	ug/kg	2500		94.6	70-130		
1,2-Dichloroethane	2290		50	ug/kg	2500		91.8	70-130		
trans-1,2-Dichloroethene	2420		50	ug/kg	2500		96.9	70-130		
cis-1,2-Dichloroethene	2470		50	ug/kg	2500		98.7	70-130		
1,1-Dichloroethene	2450		50	ug/kg	2500		97.8	70-130		
1,2-Dichloropropane	2410		50	ug/kg	2500		96.3	70-130		

Quality Control
(Continued)

Volatile Organic Compounds 8260C (5035-HL) (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0331 - Purge-Trap (Continued)										
LCS (B3K0331-BS1)					Prepared & Analyzed: 11/07/23					
2,2-Dichloropropane	2450		50	ug/kg	2500		98.0	70-130		
cis-1,3-Dichloropropene	2390		50	ug/kg	2500		95.5	70-130		
trans-1,3-Dichloropropene	2500		50	ug/kg	2500		99.9	70-130		
1,1-Dichloropropene	2510		50	ug/kg	2500		100	70-130		
Diethyl ether	2250		250	ug/kg	2500		89.9	70-130		
1,4-Dioxane	10500		5000	ug/kg	12500		84.2	0-200		
Ethylbenzene	2610		50	ug/kg	2500		105	70-130		
Hexachlorobutadiene	2980		50	ug/kg	2500		119	70-130		
2-Hexanone	2090		500	ug/kg	2500		83.5	50-150		
Isopropylbenzene	2740		50	ug/kg	2500		110	70-130		
p-Isopropyltoluene	2750		50	ug/kg	2500		110	70-130		
Methylene Chloride	2530		250	ug/kg	2500		101	60-140		
4-Methyl-2-pentanone	2000		350	ug/kg	2500		80.1	50-150		
Naphthalene	2760		50	ug/kg	2500		111	70-130		
n-Propylbenzene	2730		50	ug/kg	2500		109	70-130		
Styrene	2690		50	ug/kg	2500		108	70-130		
1,1,1,2-Tetrachloroethane	2480		50	ug/kg	2500		99.1	70-130		
Tetrachloroethene	2530		50	ug/kg	2500		101	70-130		
Tetrahydrofuran	2370		250	ug/kg	2500		94.8	70-130		
Toluene	2390		50	ug/kg	2500		95.6	70-130		
1,2,4-Trichlorobenzene	2830		50	ug/kg	2500		113	70-130		
1,2,3-Trichlorobenzene	2800		50	ug/kg	2500		112	70-130		
1,1,2-Trichloroethane	2390		50	ug/kg	2500		95.8	70-130		
1,1,1-Trichloroethane	2470		50	ug/kg	2500		98.7	70-130		
Trichloroethene	2420		50	ug/kg	2500		97.0	70-130		
1,2,3-Trichloropropane	2400		50	ug/kg	2500		96.0	70-130		
1,3,5-Trimethylbenzene	2730		50	ug/kg	2500		109	70-130		
1,2,4-Trimethylbenzene	2690		50	ug/kg	2500		107	70-130		
Vinyl Chloride	2380		50	ug/kg	2500		95.2	50-150		
o-Xylene	2690		50	ug/kg	2500		108	70-130		
m&p-Xylene	5280		100	ug/kg	5000		106	70-130		
1,1,2,2-Tetrachloroethane	2390		50	ug/kg	2500		95.4	70-130		
tert-Amyl methyl ether	2410		50	ug/kg	2500		96.5	70-130		
1,3-Dichloropropane	2440		50	ug/kg	2500		97.4	70-130		
Ethyl tert-butyl ether	2430		50	ug/kg	2500		97.2	70-130		
Diisopropyl ether	2470		50	ug/kg	2500		98.7	70-130		
Trichlorofluoromethane	2610		50	ug/kg	2500		104	50-150		
Dichlorodifluoromethane	2560		50	ug/kg	2500		102	50-150		
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Surrogate: 4-Bromofluorobenzene			49.7	ug/l	50.0		99.4	70-130		
Surrogate: 1,2-Dichloroethane-d4			49.2	ug/l	50.0		98.3	70-130		
Surrogate: Toluene-d8			49.8	ug/l	50.0		99.6	70-130		

Quality Control
(Continued)

Volatile Organic Compounds 8260C (5035-HL) (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0331 - Purge-Trap (Continued)										
LCS Dup (B3K0331-BSD1)					Prepared & Analyzed: 11/07/23					
Acetone	1620		250	ug/kg	2500		64.9	50-150	3.01	30
Benzene	2370		50	ug/kg	2500		94.7	70-130	0.296	30
Bromobenzene	2530		50	ug/kg	2500		101	70-130	0.158	30
Bromochloromethane	2560		50	ug/kg	2500		102	70-130	0.608	30
Bromodichloromethane	2340		50	ug/kg	2500		93.5	70-130	1.11	30
Bromoform	2600		50	ug/kg	2500		104	70-130	0.842	30
Bromomethane	2840		50	ug/kg	2500		114	50-150	11.8	30
2-Butanone	2020		1250	ug/kg	2500		80.8	50-150	1.74	30
tert-Butyl alcohol	1670		250	ug/kg	2500		66.9	70-130	8.20	30
sec-Butylbenzene	2750		50	ug/kg	2500		110	70-130	0.822	30
n-Butylbenzene	2760		50	ug/kg	2500		110	70-130	1.33	30
tert-Butylbenzene	2760		50	ug/kg	2500		110	70-130	0.617	30
Methyl t-butyl ether (MTBE)	2420		50	ug/kg	2500		96.8	70-130	0.580	30
Carbon Disulfide	2700		50	ug/kg	2500		108	70-130	0.241	30
Carbon Tetrachloride	2550		50	ug/kg	2500		102	70-130	0.118	30
Chlorobenzene	2420		50	ug/kg	2500		97.0	70-130	1.41	30
Chloroethane	2540		50	ug/kg	2500		102	50-150	1.85	30
Chloroform	2370		50	ug/kg	2500		94.8	70-130	0.275	30
Chloromethane	2370		50	ug/kg	2500		94.8	50-150	4.34	30
4-Chlorotoluene	2570		50	ug/kg	2500		103	70-130	0.601	30
2-Chlorotoluene	2450		50	ug/kg	2500		97.9	70-130	0.450	30
1,2-Dibromo-3-chloropropane (DBCP)	2440		50	ug/kg	2500		97.5	70-130	0.164	30
Dibromochloromethane	2510		50	ug/kg	2500		100	70-130	0.120	30
1,2-Dibromoethane (EDB)	2520		50	ug/kg	2500		101	70-130	0.618	30
Dibromomethane	2300		50	ug/kg	2500		92.1	70-130	7.12	30
1,2-Dichlorobenzene	2490		50	ug/kg	2500		99.6	70-130	0.100	30
1,3-Dichlorobenzene	2560		50	ug/kg	2500		102	70-130	0.0391	30
1,4-Dichlorobenzene	2360		50	ug/kg	2500		94.6	70-130	0.947	30
1,1-Dichloroethane	2360		50	ug/kg	2500		94.5	70-130	0.106	30
1,2-Dichloroethane	2270		50	ug/kg	2500		91.0	70-130	0.854	30
trans-1,2-Dichloroethene	2410		50	ug/kg	2500		96.5	70-130	0.434	30
cis-1,2-Dichloroethene	2510		50	ug/kg	2500		100	70-130	1.65	30
1,1-Dichloroethene	2500		50	ug/kg	2500		100	70-130	2.38	30
1,2-Dichloropropane	2400		50	ug/kg	2500		95.9	70-130	0.416	30
2,2-Dichloropropane	2450		50	ug/kg	2500		97.9	70-130	0.0613	30
cis-1,3-Dichloropropene	2420		50	ug/kg	2500		96.6	70-130	1.19	30
trans-1,3-Dichloropropene	2550		50	ug/kg	2500		102	70-130	1.94	30
1,1-Dichloropropene	2600		50	ug/kg	2500		104	70-130	3.35	30
Diethyl ether	2250		250	ug/kg	2500		90.0	70-130	0.133	30
1,4-Dioxane	10500		5000	ug/kg	12500		84.3	0-200	0.152	40
Ethylbenzene	2620		50	ug/kg	2500		105	70-130	0.363	30
Hexachlorobutadiene	2900		50	ug/kg	2500		116	70-130	2.53	30
2-Hexanone	2050		500	ug/kg	2500		82.0	50-150	1.84	30
Isopropylbenzene	2770		50	ug/kg	2500		111	70-130	0.908	30
p-Isopropyltoluene	2780		50	ug/kg	2500		111	70-130	1.05	30
Methylene Chloride	2480		250	ug/kg	2500		99.4	60-140	1.79	30
4-Methyl-2-pentanone	1990		350	ug/kg	2500		79.6	50-150	0.626	30
Naphthalene	2870		50	ug/kg	2500		115	70-130	3.73	30
n-Propylbenzene	2740		50	ug/kg	2500		110	70-130	0.548	30
Styrene	2690		50	ug/kg	2500		108	70-130	0.0186	30
1,1,1,2-Tetrachloroethane	2490		50	ug/kg	2500		99.7	70-130	0.624	30
Tetrachloroethene	2640		50	ug/kg	2500		106	70-130	4.41	30
Tetrahydrofuran	2420		250	ug/kg	2500		96.6	70-130	1.92	30
Toluene	2410		50	ug/kg	2500		96.5	70-130	0.979	30
1,2,4-Trichlorobenzene	2910		50	ug/kg	2500		116	70-130	2.77	30
1,2,3-Trichlorobenzene	2990		50	ug/kg	2500		119	70-130	6.32	30
1,1,2-Trichloroethane	2370		50	ug/kg	2500		94.7	70-130	1.18	30

Quality Control
(Continued)

Volatile Organic Compounds 8260C (5035-HL) (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0331 - Purge-Trap (Continued)										
LCS Dup (B3K0331-BSD1)					Prepared & Analyzed: 11/07/23					
1,1,1-Trichloroethane	2500		50	ug/kg	2500		100	70-130	1.39	30
Trichloroethene	2510		50	ug/kg	2500		100	70-130	3.31	30
1,2,3-Trichloropropane	2380		50	ug/kg	2500		95.4	70-130	0.585	30
1,3,5-Trimethylbenzene	2750		50	ug/kg	2500		110	70-130	0.438	30
1,2,4-Trimethylbenzene	2690		50	ug/kg	2500		108	70-130	0.149	30
Vinyl Chloride	2350		50	ug/kg	2500		93.9	50-150	1.42	30
o-Xylene	2710		50	ug/kg	2500		108	70-130	0.852	30
m&p-Xylene	5310		100	ug/kg	5000		106	70-130	0.623	30
1,1,2,2-Tetrachloroethane	2340		50	ug/kg	2500		93.6	70-130	1.97	30
tert-Amyl methyl ether	2470		50	ug/kg	2500		99.0	70-130	2.50	30
1,3-Dichloropropane	2430		50	ug/kg	2500		97.0	70-130	0.370	30
Ethyl tert-butyl ether	2460		50	ug/kg	2500		98.5	70-130	1.27	30
Diisopropyl ether	2500		50	ug/kg	2500		99.9	70-130	1.15	30
Trichlorofluoromethane	2590		50	ug/kg	2500		104	50-150	0.615	30
Dichlorodifluoromethane	2560		50	ug/kg	2500		102	50-150	0.254	30

Surrogate: 4-Bromofluorobenzene			49.0	ug/l	50.0		98.0	70-130		
Surrogate: 1,2-Dichloroethane-d4			48.8	ug/l	50.0		97.5	70-130		
Surrogate: Toluene-d8			50.1	ug/l	50.0		100	70-130		

Quality Control
(Continued)

Semivolatile organic compounds

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0250 - 1_Semivolatiles Extractions										
Blank (B3K0250-BLK1)										
					Prepared: 11/07/23 Analyzed: 11/09/23					
1,2,4-Trichlorobenzene	ND		129	ug/kg						
1,2-Dichlorobenzene	ND		129	ug/kg						
1,3-Dichlorobenzene	ND		129	ug/kg						
1,4-Dichlorobenzene	ND		129	ug/kg						
Phenol	ND		129	ug/kg						
2,4,5-Trichlorophenol	ND		129	ug/kg						
2,4,6-Trichlorophenol	ND		129	ug/kg						
2,4-Dichlorophenol	ND		129	ug/kg						
2,4-Dimethylphenol	ND		328	ug/kg						
2,4-Dinitrophenol	ND		328	ug/kg						
2,4-Dinitrotoluene	ND		129	ug/kg						
2,6-Dinitrotoluene	ND		129	ug/kg						
2-Chloronaphthalene	ND		129	ug/kg						
2-Chlorophenol	ND		129	ug/kg						
2-Methylnaphthalene	ND		129	ug/kg						
Nitrobenzene	ND		129	ug/kg						
2-Methylphenol	ND		129	ug/kg						
2-Nitroaniline	ND		129	ug/kg						
2-Nitrophenol	ND		328	ug/kg						
3,3'-Dichlorobenzidine	ND		328	ug/kg						
3-Nitroaniline	ND		129	ug/kg						
4,6-Dinitro-2-methylphenol	ND		328	ug/kg						
4-Bromophenyl phenyl ether	ND		129	ug/kg						
4-Chloro-3-methylphenol	ND		129	ug/kg						
4-Chloroaniline	ND		129	ug/kg						
4-Chlorophenyl phenyl ether	ND		129	ug/kg						
4-Nitroaniline	ND		129	ug/kg						
4-Nitrophenol	ND		328	ug/kg						
Acenaphthene	ND		129	ug/kg						
Acenaphthylene	ND		129	ug/kg						
Aniline	ND		129	ug/kg						
Anthracene	ND		129	ug/kg						
Benzo(a)anthracene	ND		129	ug/kg						
Benzo(a)pyrene	ND		129	ug/kg						
Benzo(b)fluoranthene	ND		129	ug/kg						
Benzo(g,h,i)perylene	ND		129	ug/kg						
Benzo(k)fluoranthene	ND		129	ug/kg						
Benzoic acid	ND		993	ug/kg						
Biphenyl	ND		30	ug/kg						
Bis(2-chloroethoxy)methane	ND		129	ug/kg						
Bis(2-chloroethyl)ether	ND		129	ug/kg						
Bis(2-chloroisopropyl)ether	ND		129	ug/kg						
Bis(2-ethylhexyl)phthalate	ND		397	ug/kg						
Butyl benzyl phthalate	ND		129	ug/kg						
Chrysene	ND		129	ug/kg						
Di-n-octyl phthalate	ND		199	ug/kg						
Dibenz(a,h)anthracene	ND		129	ug/kg						
Dibenzofuran	ND		129	ug/kg						
Diethyl phthalate	ND		129	ug/kg						
Dimethyl phthalate	ND		328	ug/kg						
Di-n-butyl phthalate	ND		199	ug/kg						
Fluoranthene	ND		129	ug/kg						
Fluorene	ND		129	ug/kg						
Hexachlorobenzene	ND		129	ug/kg						
Hexachlorobutadiene	ND		129	ug/kg						
Hexachlorocyclopentadiene	ND		328	ug/kg						
Hexachloroethane	ND		129	ug/kg						

Quality Control
(Continued)

Semivolatile organic compounds (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0250 - 1_Semivolatiles Extractions (Continued)										
Blank (B3K0250-BLK1)										
					Prepared: 11/07/23 Analyzed: 11/09/23					
Indeno(1,2,3-cd)pyrene	ND		129	ug/kg						
Isophorone	ND		129	ug/kg						
Naphthalene	ND		129	ug/kg						
N-Nitrosodimethylamine	ND		129	ug/kg						
N-Nitrosodi-n-propylamine	ND		129	ug/kg						
N-Nitrosodiphenylamine	ND		129	ug/kg						
Pentachlorophenol	ND		328	ug/kg						
Phenanthrene	ND		129	ug/kg						
Pyrene	ND		129	ug/kg						
m&p-Cresol	ND		258	ug/kg						
Pyridine	ND		129	ug/kg						
Azobenzene	ND		129	ug/kg						
Total Dichlorobenzene	ND		129	ug/kg						

<i>Surrogate: Nitrobenzene-d5</i>			2030	ug/kg	3310		61.2	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			2510	ug/kg	3310		75.8	47-135		
<i>Surrogate: 2-Fluorobiphenyl</i>			1750	ug/kg	3310		52.8	34-130		
<i>Surrogate: Phenol-d6</i>			1400	ug/kg	3310		42.4	30-130		
<i>Surrogate: 2,4,6-Tribromophenol</i>			1350	ug/kg	3310		40.9	30-130		
<i>Surrogate: 2-Fluorophenol</i>			1430	ug/kg	3310		43.2	30-130		

LCS (B3K0250-BS1)										
					Prepared: 11/07/23 Analyzed: 11/09/23					
1,2,4-Trichlorobenzene	1730		129	ug/kg	3310		52.2	40-130		
1,2-Dichlorobenzene	1520		129	ug/kg	3310		46.0	40-130		
1,3-Dichlorobenzene	1510		129	ug/kg	3310		45.7	40-130		
1,4-Dichlorobenzene	1490		129	ug/kg	3310		44.9	40-130		
Phenol	1350		129	ug/kg	3310		40.9	40-130		
2,4,5-Trichlorophenol	1540		129	ug/kg	3310		46.5	40-130		
2,4,6-Trichlorophenol	1680		129	ug/kg	3310		50.7	40-130		
2,4-Dichlorophenol	1650		129	ug/kg	3310		49.9	40-130		
2,4-Dimethylphenol	1470		328	ug/kg	3310		44.5	40-130		
2,4-Dinitrophenol	346		328	ug/kg	3310		10.5	15-140		
2,4-Dinitrotoluene	2030		129	ug/kg	3310		61.2	40-130		
2,6-Dinitrotoluene	1810		129	ug/kg	3310		54.5	40-130		
2-Chloronaphthalene	1610		129	ug/kg	3310		48.7	40-130		
2-Chlorophenol	1510		129	ug/kg	3310		45.5	40-130		
2-Methylnaphthalene	1710		129	ug/kg	3310		51.5	40-130		
Nitrobenzene	1920		129	ug/kg	3310		57.9	40-130		
2-Methylphenol	1490		129	ug/kg	3310		45.0	40-130		
2-Nitroaniline	2150		129	ug/kg	3310		65.0	40-130		
2-Nitrophenol	1960		328	ug/kg	3310		59.2	40-130		
3-Nitroaniline	1850		129	ug/kg	3310		55.8	40-130		
4,6-Dinitro-2-methylphenol	1270		328	ug/kg	3310		38.5	30-130		
4-Bromophenyl phenyl ether	1660		129	ug/kg	3310		50.0	40-130		
4-Chloro-3-methylphenol	1880		129	ug/kg	3310		56.7	40-130		
4-Chlorophenyl phenyl ether	1930		129	ug/kg	3310		58.4	40-130		
4-Nitroaniline	1770		129	ug/kg	3310		53.6	40-130		
4-Nitrophenol	2980		328	ug/kg	3310		90.1	40-130		
Acenaphthene	1590		129	ug/kg	3310		48.1	40-130		
Acenaphthylene	1720		129	ug/kg	3310		52.0	40-130		
Anthracene	1900		129	ug/kg	3310		57.5	40-130		
Benzo(a)anthracene	1910		129	ug/kg	3310		57.8	40-130		
Benzo(a)pyrene	2070		129	ug/kg	3310		62.4	40-130		
Benzo(b)fluoranthene	2120		129	ug/kg	3310		64.1	40-130		
Benzo(g,h,i)perylene	1940		129	ug/kg	3310		58.7	40-130		
Benzo(k)fluoranthene	2220		129	ug/kg	3310		67.1	40-130		
Biphenyl	430		30	ug/kg	828		51.9	40-130		
Bis(2-chloroethoxy)methane	1550		129	ug/kg	3310		46.7	40-130		

Quality Control
(Continued)

Semivolatile organic compounds (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0250 - 1_Semivolatiles Extractions (Continued)										
LCS (B3K0250-BS1)					Prepared: 11/07/23 Analyzed: 11/09/23					
Bis(2-chloroethyl)ether	1450		129	ug/kg	3310		43.9	40-130		
Bis(2-chloroisopropyl)ether	1250		129	ug/kg	3310		37.6	40-130		
Bis(2-ethylhexyl)phthalate	2590		397	ug/kg	3310		78.2	40-130		
Butyl benzyl phthalate	2460		129	ug/kg	3310		74.4	40-130		
Chrysene	2020		129	ug/kg	3310		61.0	40-130		
Di-n-octyl phthalate	2580		199	ug/kg	3310		77.8	40-130		
Dibenz(a,h)anthracene	1950		129	ug/kg	3310		59.0	40-130		
Dibenzofuran	1900		129	ug/kg	3310		57.4	40-130		
Diethyl phthalate	2010		129	ug/kg	3310		60.8	40-130		
Dimethyl phthalate	1770		328	ug/kg	3310		53.6	40-130		
Di-n-butyl phthalate	2340		199	ug/kg	3310		70.6	40-130		
Fluoranthene	2080		129	ug/kg	3310		62.7	40-130		
Fluorene	1900		129	ug/kg	3310		57.3	40-130		
Hexachlorobenzene	1570		129	ug/kg	3310		47.5	40-130		
Hexachlorobutadiene	2160		129	ug/kg	3310		65.2	40-130		
Hexachlorocyclopentadiene	1590		328	ug/kg	3310		48.0	40-130		
Hexachloroethane	1860		129	ug/kg	3310		56.1	40-130		
Indeno(1,2,3-cd)pyrene	1910		129	ug/kg	3310		57.7	40-130		
Isophorone	1770		129	ug/kg	3310		53.4	40-130		
Naphthalene	1720		129	ug/kg	3310		51.9	40-130		
N-Nitrosodimethylamine	1850		129	ug/kg	3310		55.8	40-130		
N-Nitrosodi-n-propylamine	1740		129	ug/kg	3310		52.4	40-130		
N-Nitrosodiphenylamine	2070		129	ug/kg	3310		62.7	40-130		
Pentachlorophenol	1130		328	ug/kg	3310		34.0	15-140		
Phenanthrene	1840		129	ug/kg	3310		55.7	40-130		
Pyrene	2020		129	ug/kg	3310		61.1	40-130		
m&p-Cresol	1560		258	ug/kg	3310		47.1	40-130		
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Surrogate: Nitrobenzene-d5			3330	ug/kg	3310		100	30-126		
Surrogate: p-Terphenyl-d14			3390	ug/kg	3310		102	47-135		
Surrogate: 2-Fluorobiphenyl			2890	ug/kg	3310		87.2	34-130		
Surrogate: Phenol-d6			2440	ug/kg	3310		73.7	30-130		
Surrogate: 2,4,6-Tribromophenol			3440	ug/kg	3310		104	30-130		
Surrogate: 2-Fluorophenol			2500	ug/kg	3310		75.4	30-130		

Quality Control
(Continued)

Semivolatile organic compounds (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0250 - 1_Semivolatiles Extractions (Continued)										
LCS Dup (B3K0250-BSD1)										
					Prepared: 11/07/23 Analyzed: 11/09/23					
1,2,4-Trichlorobenzene	2060		129	ug/kg	3310		62.3	40-130	17.6	30
1,2-Dichlorobenzene	1910		129	ug/kg	3310		57.7	40-130	22.5	30
1,3-Dichlorobenzene	1810		129	ug/kg	3310		54.6	40-130	17.8	30
1,4-Dichlorobenzene	1750		129	ug/kg	3310		52.9	40-130	16.5	30
Phenol	1670		129	ug/kg	3310		50.5	40-130	21.1	30
2,4,5-Trichlorophenol	1990		129	ug/kg	3310		60.1	40-130	25.7	30
2,4,6-Trichlorophenol	2060		129	ug/kg	3310		62.2	40-130	20.4	30
2,4-Dichlorophenol	2090		129	ug/kg	3310		63.2	40-130	23.4	30
2,4-Dimethylphenol	1810		328	ug/kg	3310		54.6	40-130	20.5	30
2,4-Dinitrophenol	1040		328	ug/kg	3310		31.4	15-140	100	30
2,4-Dinitrotoluene	2350		129	ug/kg	3310		70.8	40-130	14.6	30
2,6-Dinitrotoluene	2120		129	ug/kg	3310		64.2	40-130	16.2	30
2-Chloronaphthalene	1880		129	ug/kg	3310		56.8	40-130	15.2	30
2-Chlorophenol	1830		129	ug/kg	3310		55.4	40-130	19.6	30
2-Methylnaphthalene	2030		129	ug/kg	3310		61.3	40-130	17.3	30
Nitrobenzene	2190		129	ug/kg	3310		66.1	40-130	13.3	30
2-Methylphenol	1900		129	ug/kg	3310		57.5	40-130	24.5	30
2-Nitroaniline	2620		129	ug/kg	3310		79.2	40-130	19.8	30
2-Nitrophenol	2390		328	ug/kg	3310		72.1	40-130	19.6	30
3-Nitroaniline	2170		129	ug/kg	3310		65.4	40-130	15.9	30
4,6-Dinitro-2-methylphenol	1830		328	ug/kg	3310		55.1	30-130	35.6	30
4-Bromophenyl phenyl ether	2080		129	ug/kg	3310		62.9	40-130	22.7	30
4-Chloro-3-methylphenol	2260		129	ug/kg	3310		68.3	40-130	18.5	30
4-Chlorophenyl phenyl ether	2370		129	ug/kg	3310		71.6	40-130	20.4	30
4-Nitroaniline	2050		129	ug/kg	3310		61.9	40-130	14.4	30
4-Nitrophenol	3540		328	ug/kg	3310		107	40-130	17.1	30
Acenaphthene	1960		129	ug/kg	3310		59.3	40-130	20.9	30
Acenaphthylene	2080		129	ug/kg	3310		62.8	40-130	18.8	30
Anthracene	2230		129	ug/kg	3310		67.4	40-130	15.8	30
Benzo(a)anthracene	2160		129	ug/kg	3310		65.2	40-130	12.1	30
Benzo(a)pyrene	2370		129	ug/kg	3310		71.6	40-130	13.8	30
Benzo(b)fluoranthene	2420		129	ug/kg	3310		73.1	40-130	13.1	30
Benzo(g,h,i)perylene	2100		129	ug/kg	3310		63.3	40-130	7.64	30
Benzo(k)fluoranthene	2510		129	ug/kg	3310		75.8	40-130	12.2	30
Biphenyl	528		30	ug/kg	828		63.8	40-130	20.5	30
Bis(2-chloroethoxy)methane	1870		129	ug/kg	3310		56.5	40-130	18.9	30
Bis(2-chloroethyl)ether	1690		129	ug/kg	3310		51.0	40-130	14.9	30
Bis(2-chloroisopropyl)ether	1480		129	ug/kg	3310		44.7	40-130	17.2	30
Bis(2-ethylhexyl)phthalate	2930		397	ug/kg	3310		88.6	40-130	12.5	30
Butyl benzyl phthalate	2700		129	ug/kg	3310		81.5	40-130	9.10	30
Chrysene	2330		129	ug/kg	3310		70.2	40-130	14.0	30
Di-n-octyl phthalate	2960		199	ug/kg	3310		89.5	40-130	14.0	30
Dibenz(a,h)anthracene	2110		129	ug/kg	3310		63.8	40-130	7.85	30
Dibenzofuran	2180		129	ug/kg	3310		65.7	40-130	13.5	30
Diethyl phthalate	2350		129	ug/kg	3310		70.9	40-130	15.3	30
Dimethyl phthalate	2120		328	ug/kg	3310		64.0	40-130	17.7	30
Di-n-butyl phthalate	2580		199	ug/kg	3310		77.9	40-130	9.83	30
Fluoranthene	2360		129	ug/kg	3310		71.2	40-130	12.7	30
Fluorene	2350		129	ug/kg	3310		71.0	40-130	21.3	30
Hexachlorobenzene	1940		129	ug/kg	3310		58.5	40-130	20.8	30
Hexachlorobutadiene	2550		129	ug/kg	3310		77.1	40-130	16.7	30
Hexachlorocyclopentadiene	1940		328	ug/kg	3310		58.5	40-130	19.8	30
Hexachloroethane	2230		129	ug/kg	3310		67.2	40-130	17.9	30
Indeno(1,2,3-cd)pyrene	2060		129	ug/kg	3310		62.3	40-130	7.70	30
Isophorone	2050		129	ug/kg	3310		61.8	40-130	14.6	30
Naphthalene	2080		129	ug/kg	3310		62.8	40-130	19.0	30
N-Nitrosodimethylamine	2280		129	ug/kg	3310		68.7	40-130	20.7	30

Quality Control
(Continued)

Semivolatile organic compounds (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0250 - 1_Semivolatiles Extractions (Continued)										
LCS Dup (B3K0250-BSD1)					Prepared: 11/07/23 Analyzed: 11/09/23					
N-Nitrosodi-n-propylamine	2120		129	ug/kg	3310		63.9	40-130	19.7	30
N-Nitrosodiphenylamine	2510		129	ug/kg	3310		75.7	40-130	18.8	30
Pentachlorophenol	1730		328	ug/kg	3310		52.1	15-140	42.1	30
Phenanthrene	2240		129	ug/kg	3310		67.7	40-130	19.5	30
Pyrene	2310		129	ug/kg	3310		69.7	40-130	13.2	30
m&p-Cresol	1930		258	ug/kg	3310		58.3	40-130	21.3	30
<hr/>										
<i>Surrogate: Nitrobenzene-d5</i>			<i>3830</i>	<i>ug/kg</i>	<i>3310</i>		<i>116</i>	<i>30-126</i>		
<i>Surrogate: p-Terphenyl-d14</i>			<i>3630</i>	<i>ug/kg</i>	<i>3310</i>		<i>110</i>	<i>47-135</i>		
<i>Surrogate: 2-Fluorobiphenyl</i>			<i>3270</i>	<i>ug/kg</i>	<i>3310</i>		<i>98.9</i>	<i>34-130</i>		
<i>Surrogate: Phenol-d6</i>			<i>2900</i>	<i>ug/kg</i>	<i>3310</i>		<i>87.4</i>	<i>30-130</i>		
<i>Surrogate: 2,4,6-Tribromophenol</i>			<i>4260</i>	<i>ug/kg</i>	<i>3310</i>		<i>129</i>	<i>30-130</i>		
<i>Surrogate: 2-Fluorophenol</i>			<i>2940</i>	<i>ug/kg</i>	<i>3310</i>		<i>88.8</i>	<i>30-130</i>		

**Quality Control
(Continued)**

Polychlorinated Biphenyls (PCBs)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0229 - 1_Semivolatiles Extractions										
Blank (B3K0229-BLK1)										
					Prepared: 11/07/23 Analyzed: 11/08/23					
Aroclor-1016	ND		66	ug/kg						
Aroclor-1221	ND		66	ug/kg						
Aroclor-1232	ND		66	ug/kg						
Aroclor-1242	ND		66	ug/kg						
Aroclor-1248	ND		66	ug/kg						
Aroclor-1254	ND		66	ug/kg						
Aroclor-1260	ND		66	ug/kg						
Aroclor-1262	ND		66	ug/kg						
Aroclor-1268	ND		66	ug/kg						
PCBs (Total)	ND		66	ug/kg						
<hr/>										
Surrogate: 2,4,5,6-Tetrachloro-m-xylene (TCMX)			10.5	ug/kg	13.3		79.1	36.2-130		
Surrogate: Decachlorobiphenyl (DCBP)			11.3	ug/kg	13.3		84.8	43.3-130		
<hr/>										
LCS (B3K0229-BS1)										
					Prepared: 11/07/23 Analyzed: 11/08/23					
Aroclor-1016	192		66	ug/kg	167		115	58.2-125		
Aroclor-1260	194		66	ug/kg	167		116	65.5-130		
<hr/>										
Surrogate: 2,4,5,6-Tetrachloro-m-xylene (TCMX)			10.9	ug/kg	13.3		81.5	36.2-130		
Surrogate: Decachlorobiphenyl (DCBP)			12.1	ug/kg	13.3		90.5	43.3-130		
<hr/>										
LCS Dup (B3K0229-BSD1)										
					Prepared: 11/07/23 Analyzed: 11/08/23					
Aroclor-1016	194		66	ug/kg	167		116	58.2-125	0.794	20
Aroclor-1260	188		66	ug/kg	167		113	65.5-130	3.19	20
<hr/>										
Surrogate: 2,4,5,6-Tetrachloro-m-xylene (TCMX)			12.3	ug/kg	13.3		92.0	36.2-130		
Surrogate: Decachlorobiphenyl (DCBP)			12.9	ug/kg	13.3		96.9	43.3-130		
<hr/>										
Batch: B3K0362 - 1_Semivolatiles Extractions										
Blank (B3K0362-BLK1)										
					Prepared: 11/08/23 Analyzed: 11/09/23					
Aroclor-1016	ND		66	ug/kg						
Aroclor-1221	ND		66	ug/kg						
Aroclor-1232	ND		66	ug/kg						
Aroclor-1242	ND		66	ug/kg						
Aroclor-1248	ND		66	ug/kg						
Aroclor-1254	ND		66	ug/kg						
Aroclor-1260	ND		66	ug/kg						
Aroclor-1262	ND		66	ug/kg						
Aroclor-1268	ND		66	ug/kg						
PCBs (Total)	ND		66	ug/kg						
<hr/>										
Surrogate: 2,4,5,6-Tetrachloro-m-xylene (TCMX)			11.2	ug/kg	13.3		83.6	36.2-130		
Surrogate: Decachlorobiphenyl (DCBP)			8.75	ug/kg	13.3		65.7	43.3-130		

Quality Control
(Continued)

Polychlorinated Biphenyls (PCBs) (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0362 - 1_Semivolatiles Extractions (Continued)										
Blank (B3K0362-BLK2)					Prepared: 11/08/23 Analyzed: 11/09/23					
Aroclor-1016	ND		66	ug/kg						
Aroclor-1221	ND		66	ug/kg						
Aroclor-1232	ND		66	ug/kg						
Aroclor-1242	ND		66	ug/kg						
Aroclor-1248	ND		66	ug/kg						
Aroclor-1254	ND		66	ug/kg						
Aroclor-1260	ND		66	ug/kg						
Aroclor-1262	ND		66	ug/kg						
Aroclor-1268	ND		66	ug/kg						
PCBs (Total)	ND		66	ug/kg						
<i>Surrogate: 2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>			11.8	ug/kg	13.3		88.7	36.2-130		
<i>Surrogate: Decachlorobiphenyl (DCBP)</i>			9.08	ug/kg	13.3		68.1	43.3-130		
LCS (B3K0362-BS1)					Prepared: 11/08/23 Analyzed: 11/09/23					
Aroclor-1016	144		66	ug/kg	167		86.5	58.2-125		
Aroclor-1260	142		66	ug/kg	167		85.1	65.5-130		
<i>Surrogate: 2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>			10.9	ug/kg	13.3		81.5	36.2-130		
<i>Surrogate: Decachlorobiphenyl (DCBP)</i>			8.53	ug/kg	13.3		64.0	43.3-130		
LCS (B3K0362-BS2)					Prepared: 11/08/23 Analyzed: 11/09/23					
Aroclor-1016	158		66	ug/kg	167		94.5	58.2-125		
Aroclor-1260	150		66	ug/kg	167		90.2	65.5-130		
<i>Surrogate: 2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>			11.5	ug/kg	13.3		85.9	36.2-130		
<i>Surrogate: Decachlorobiphenyl (DCBP)</i>			8.16	ug/kg	13.3		61.2	43.3-130		
LCS Dup (B3K0362-BSD1)					Prepared: 11/08/23 Analyzed: 11/09/23					
Aroclor-1016	160		66	ug/kg	167		96.3	58.2-125	10.7	20
Aroclor-1260	151		66	ug/kg	167		90.4	65.5-130	6.04	20
<i>Surrogate: 2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>			10.0	ug/kg	13.3		75.4	36.2-130		
<i>Surrogate: Decachlorobiphenyl (DCBP)</i>			8.49	ug/kg	13.3		63.7	43.3-130		

**Quality Control
(Continued)**

Polychlorinated Biphenyls (PCBs) (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0362 - 1_Semivolatiles Extractions (Continued)										
LCS Dup (B3K0362-BSD2)					Prepared: 11/08/23 Analyzed: 11/09/23					
Aroclor-1016	162		66	ug/kg	167		97.2	58.2-125	2.77	20
Aroclor-1260	157		66	ug/kg	167		94.4	65.5-130	4.54	20

<i>Surrogate: 2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>			<i>11.0</i>	<i>ug/kg</i>	<i>13.3</i>		<i>82.8</i>	<i>36.2-130</i>		
<i>Surrogate: Decachlorobiphenyl (DCBP)</i>			<i>9.38</i>	<i>ug/kg</i>	<i>13.3</i>		<i>70.3</i>	<i>43.3-130</i>		

**Quality Control
(Continued)**

Total Petroleum Hydrocarbons

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0228 - 1_Semivolatiles Extractions										
Blank (B3K0228-BLK1)					Prepared & Analyzed: 11/07/23					
Total Petroleum Hydrocarbons	ND		27	mg/kg						
<i>Surrogate: Chlorooctadecane</i>			4.76	mg/kg	8.33		57.1	50-130		
LCS (B3K0228-BS1)					Prepared: 11/07/23 Analyzed: 11/08/23					
Total Petroleum Hydrocarbons	319		27	mg/kg	667		47.8	44.7-125		
<i>Surrogate: Chlorooctadecane</i>			5.53	mg/kg	8.33		66.3	50-130		
LCS Dup (B3K0228-BSD1)					Prepared: 11/07/23 Analyzed: 11/08/23					
Total Petroleum Hydrocarbons	316		27	mg/kg	667		47.4	44.7-125	0.877	200
<i>Surrogate: Chlorooctadecane</i>			5.65	mg/kg	8.33		67.8	50-130		
Batch: B3K0380 - 1_Semivolatiles Extractions										
Blank (B3K0380-BLK1)					Prepared & Analyzed: 11/09/23					
Total Petroleum Hydrocarbons	ND		27	mg/kg						
<i>Surrogate: Chlorooctadecane</i>			4.87	mg/kg	8.33		58.5	50-130		
LCS (B3K0380-BS1)					Prepared & Analyzed: 11/09/23					
Total Petroleum Hydrocarbons	314		27	mg/kg	667		47.2	44.7-125		
<i>Surrogate: Chlorooctadecane</i>			5.07	mg/kg	8.33		60.9	50-130		
LCS Dup (B3K0380-BSD1)					Prepared & Analyzed: 11/09/23					
Total Petroleum Hydrocarbons	504		27	mg/kg	667		75.6	44.7-125	46.3	200
<i>Surrogate: Chlorooctadecane</i>			7.77	mg/kg	8.33		93.3	50-130		

Notes and Definitions

Item	Definition
J	Below reporting limit
Wet	Sample results reported on a wet weight basis.
ND	Analyte NOT DETECTED at or above the reporting limit.
RPD	Relative Percent Difference.
%REC	Percent Recovery.
Source	Sample that was matrix spiked or duplicated.



3 K 0 3039

CHAIN C

PROJ. NO.		PROJECT NAME/LOCATION		AQUEOUS	SOIL	OTHER	NO. OF CONTAINERS	PRESERVATIVE	TESTS**					REMARKS	
CLIENT		REPORT TO:	INVOICE TO:						TPH (8100)	VOCs (8260)	Semi-VOCs (8270)	PCBs	Priority Pollutants (3 Metals)		
DATE	TIME	COMP	GRAB	SAMPLE I.D.											
09050410		434 Allens Ave Providence, RI													
Lake Shore Environmental		Dave Hazebruck, Isabella Giacomo		Same											
11/3/23	10:35	✓		B8-S1				2...	NONE	✓	✓	✓	✓	✓	baggie for moisture
	10:45	✓		B8-S2				...							
	11:45	✓		B9-S1				...							
	12:00	✓		B9-S2				...							
	2:30	✓		SP-1				...							
	2:45	✓		SP-2				...							
	1:45	✓		SP-3				...							
	2:00	✓		SP-4				...							

Sampled by: (Signature) <i>Salle</i>	Date/Time 11/3/23 4:20 PM	Received by: (Signature)	Date/Time	Laboratory Remarks: Temp. received: _____ Cooled <input type="checkbox"/>	Special Instructions: List Specific Detection Limit Requirements: Turnaround (Business Days) _____
Relinquished by: (Signature) <i>Salle</i>	Date/Time 11/3/23 4:55	Received by: (Signature)	Date/Time		
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature) <i>Giuseppe T...</i>	Date/Time 11/3/23 11:55		

**Netlab subcontracts the following tests: Radiologicals, Radon, Asbestos, UCMRs, Perchlorate, Bromate, Bromide, Sieve, Salmonella, Carbamates, CT ETPH

APPENDIX C

Analytical Data Report for Groundwater and Surficial Soil Samples – NETL



New England Testing Laboratory, Inc.
(401) 353-3420

REPORT OF ANALYTICAL RESULTS

NETLAB Work Order Number: 3K09070
Client Project: 09050 - RIRM, 434 Allens Ave, Providence

Report Date: 16-November-2023

Prepared for:

Dave Hazebrouck
Lake Shore Environmental
359 Putnam Pike Suite 105
Smithfield, RI 02917

Richard Warila, Laboratory Director
New England Testing Laboratory, Inc.
59 Greenhill Street
West Warwick, RI 02893
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Samples Submitted :

The samples listed below were submitted to New England Testing Laboratory on 11/09/23. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is 3K09070. Custody records are included in this report.

Lab ID	Sample	Matrix	Date Sampled	Date Received
3K09070-01	MW-1	Water	11/08/2023	11/09/2023
3K09070-02	MW-2	Water	11/08/2023	11/09/2023
3K09070-03	MW-3	Water	11/08/2023	11/09/2023
3K09070-04	SS-1	Soil	11/08/2023	11/09/2023
3K09070-05	SS-2	Soil	11/08/2023	11/09/2023
3K09070-06	SS-3	Soil	11/08/2023	11/09/2023
3K09070-07	SS-4	Soil	11/08/2023	11/09/2023
3K09070-08	SS-5	Soil	11/08/2023	11/09/2023
3K09070-09	SS-6	Soil	11/08/2023	11/09/2023
3K09070-10	SS-7	Soil	11/08/2023	11/09/2023
3K09070-11	SS-8	Soil	11/08/2023	11/09/2023
3K09070-12	SS-9	Soil	11/08/2023	11/09/2023
3K09070-13	SS-10	Soil	11/08/2023	11/09/2023
3K09070-14	SS-11	Soil	11/08/2023	11/09/2023
3K09070-15	SS-12	Soil	11/08/2023	11/09/2023

Request for Analysis

At the client's request, the analyses presented in the following table were performed on the samples submitted.

MW-1 (Lab Number: 3K09070-01)

Analysis

PCBs
Total Petroleum Hydrocarbons
Volatile Organic Compounds

Method

EPA 8082A
EPA-8100-mod
EPA 8260C

MW-2 (Lab Number: 3K09070-02)

Analysis

PCBs
Total Petroleum Hydrocarbons
Volatile Organic Compounds

Method

EPA 8082A
EPA-8100-mod
EPA 8260C

MW-3 (Lab Number: 3K09070-03)

Analysis

PCBs
Total Petroleum Hydrocarbons
Volatile Organic Compounds

Method

EPA 8082A
EPA-8100-mod
EPA 8260C

SS-1 (Lab Number: 3K09070-04)

Analysis

Arsenic
Lead
Total Petroleum Hydrocarbons

Method

EPA 6010C
EPA 6010C
EPA-8100-mod

SS-10 (Lab Number: 3K09070-13)

Analysis

Arsenic
Lead
Total Petroleum Hydrocarbons

Method

EPA 6010C
EPA 6010C
EPA-8100-mod

SS-11 (Lab Number: 3K09070-14)

Analysis

Arsenic
Lead
Total Petroleum Hydrocarbons

Method

EPA 6010C
EPA 6010C
EPA-8100-mod

SS-12 (Lab Number: 3K09070-15)

Analysis

Arsenic
Lead
Total Petroleum Hydrocarbons

Method

EPA 6010C
EPA 6010C
EPA-8100-mod

SS-2 (Lab Number: 3K09070-05)

Analysis

Arsenic
Lead
Total Petroleum Hydrocarbons

Method

EPA 6010C
EPA 6010C
EPA-8100-mod

Request for Analysis (continued)

SS-3 (Lab Number: 3K09070-06)

Analysis

Arsenic
Lead
Total Petroleum Hydrocarbons

Method

EPA 6010C
EPA 6010C
EPA-8100-mod

SS-4 (Lab Number: 3K09070-07)

Analysis

Arsenic
Lead
Total Petroleum Hydrocarbons

Method

EPA 6010C
EPA 6010C
EPA-8100-mod

SS-5 (Lab Number: 3K09070-08)

Analysis

Arsenic
Lead
Total Petroleum Hydrocarbons

Method

EPA 6010C
EPA 6010C
EPA-8100-mod

SS-6 (Lab Number: 3K09070-09)

Analysis

Arsenic
Lead
Total Petroleum Hydrocarbons

Method

EPA 6010C
EPA 6010C
EPA-8100-mod

SS-7 (Lab Number: 3K09070-10)

Analysis

Arsenic
Lead
Total Petroleum Hydrocarbons

Method

EPA 6010C
EPA 6010C
EPA-8100-mod

SS-8 (Lab Number: 3K09070-11)

Analysis

Arsenic
Lead
Total Petroleum Hydrocarbons

Method

EPA 6010C
EPA 6010C
EPA-8100-mod

SS-9 (Lab Number: 3K09070-12)

Analysis

Arsenic
Lead
Total Petroleum Hydrocarbons

Method

EPA 6010C
EPA 6010C
EPA-8100-mod

Method References

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, USEPA

Case Narrative

Sample Receipt:

The samples associated with this work order were received in appropriately cooled and preserved containers. The chain of custody was adequately completed and corresponded to the samples submitted.

Exceptions: None

Analysis:

All samples were prepared and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control requirements and allowances. Results for all soil samples, unless otherwise indicated, are reported on a dry weight basis.

Exceptions: None

Results: Total Metals

Sample: SS-1

Lab Number: 3K09070-04 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	4.98		1.23	mg/kg	11/10/23	11/16/23
Lead	323		0.62	mg/kg	11/10/23	11/16/23

Results: Total Metals

Sample: SS-2

Lab Number: 3K09070-05 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	4.00		1.09	mg/kg	11/10/23	11/16/23
Lead	133		0.55	mg/kg	11/10/23	11/16/23

Results: Total Metals

Sample: SS-3

Lab Number: 3K09070-06 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	2.00		1.17	mg/kg	11/10/23	11/16/23
Lead	330		0.59	mg/kg	11/10/23	11/16/23

Results: Total Metals

Sample: SS-4

Lab Number: 3K09070-07 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	6.17		1.13	mg/kg	11/10/23	11/16/23
Lead	305		0.56	mg/kg	11/10/23	11/16/23

Results: Total Metals

Sample: SS-5

Lab Number: 3K09070-08 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	2.95		1.11	mg/kg	11/10/23	11/16/23
Lead	79.8		0.55	mg/kg	11/10/23	11/16/23

Results: Total Metals

Sample: SS-6

Lab Number: 3K09070-09 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	4.11		1.29	mg/kg	11/10/23	11/16/23
Lead	283		0.65	mg/kg	11/10/23	11/16/23

Results: Total Metals

Sample: SS-7

Lab Number: 3K09070-10 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	1.99		1.17	mg/kg	11/10/23	11/16/23
Lead	97.1		0.59	mg/kg	11/10/23	11/16/23

Results: Total Metals

Sample: SS-8

Lab Number: 3K09070-11 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	3.22		1.19	mg/kg	11/10/23	11/16/23
Lead	119		0.59	mg/kg	11/10/23	11/16/23

Results: Total Metals

Sample: SS-9

Lab Number: 3K09070-12 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	11.9		1.25	mg/kg	11/10/23	11/16/23
Lead	1830		0.63	mg/kg	11/10/23	11/16/23

Results: Total Metals

Sample: SS-10
Lab Number: 3K09070-13 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	11.6		1.33	mg/kg	11/10/23	11/16/23
Lead	989		0.66	mg/kg	11/10/23	11/16/23

Results: Total Metals

Sample: SS-11

Lab Number: 3K09070-14 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	7.37		1.36	mg/kg	11/10/23	11/16/23
Lead	402		0.68	mg/kg	11/10/23	11/16/23

Results: Total Metals

Sample: SS-12
Lab Number: 3K09070-15 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	6.63		1.24	mg/kg	11/10/23	11/16/23
Lead	237		0.62	mg/kg	11/10/23	11/16/23

Results: Volatile Organic Compounds

Sample: MW-1

Lab Number: 3K09070-01 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		100	ug/l	11/13/23	11/13/23
Benzene	ND		1	ug/l	11/13/23	11/13/23
Bromobenzene	ND		1	ug/l	11/13/23	11/13/23
Bromochloromethane	ND		1	ug/l	11/13/23	11/13/23
Bromodichloromethane	ND		1	ug/l	11/13/23	11/13/23
Bromoform	ND		1	ug/l	11/13/23	11/13/23
Bromomethane	ND		1	ug/l	11/13/23	11/13/23
2-Butanone	ND		100	ug/l	11/13/23	11/13/23
tert-Butyl alcohol	ND		5	ug/l	11/13/23	11/13/23
sec-Butylbenzene	ND		1	ug/l	11/13/23	11/13/23
n-Butylbenzene	ND		1	ug/l	11/13/23	11/13/23
tert-Butylbenzene	ND		1	ug/l	11/13/23	11/13/23
Methyl t-butyl ether (MTBE)	2		1	ug/l	11/13/23	11/13/23
Carbon Disulfide	ND		1	ug/l	11/13/23	11/13/23
Carbon Tetrachloride	ND		1	ug/l	11/13/23	11/13/23
Chlorobenzene	ND		1	ug/l	11/13/23	11/13/23
Chloroethane	ND		1	ug/l	11/13/23	11/13/23
Chloroform	ND		1	ug/l	11/13/23	11/13/23
Chloromethane	ND		1	ug/l	11/13/23	11/13/23
4-Chlorotoluene	ND		1	ug/l	11/13/23	11/13/23
2-Chlorotoluene	ND		1	ug/l	11/13/23	11/13/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/l	11/13/23	11/13/23
Dibromochloromethane	ND		1	ug/l	11/13/23	11/13/23
1,2-Dibromoethane (EDB)	ND		1	ug/l	11/13/23	11/13/23
Dibromomethane	ND		1	ug/l	11/13/23	11/13/23
1,2-Dichlorobenzene	ND		1	ug/l	11/13/23	11/13/23
1,3-Dichlorobenzene	ND		1	ug/l	11/13/23	11/13/23
1,4-Dichlorobenzene	ND		1	ug/l	11/13/23	11/13/23
1,1-Dichloroethane	ND		1	ug/l	11/13/23	11/13/23
1,2-Dichloroethane	ND		1	ug/l	11/13/23	11/13/23
trans-1,2-Dichloroethene	ND		1	ug/l	11/13/23	11/13/23
cis-1,2-Dichloroethene	ND		1	ug/l	11/13/23	11/13/23
1,1-Dichloroethene	ND		1	ug/l	11/13/23	11/13/23
1,2-Dichloropropane	ND		1	ug/l	11/13/23	11/13/23
2,2-Dichloropropane	ND		1	ug/l	11/13/23	11/13/23
cis-1,3-Dichloropropene	ND		1	ug/l	11/13/23	11/13/23
trans-1,3-Dichloropropene	ND		1	ug/l	11/13/23	11/13/23
1,1-Dichloropropene	ND		1	ug/l	11/13/23	11/13/23
1,3-Dichloropropene (cis + trans)	ND		2	ug/l	11/13/23	11/13/23
Diethyl ether	ND		5	ug/l	11/13/23	11/13/23
1,4-Dioxane	ND		100	ug/l	11/13/23	11/13/23
Ethylbenzene	ND		1	ug/l	11/13/23	11/13/23
Hexachlorobutadiene	ND		1	ug/l	11/13/23	11/13/23
2-Hexanone	ND		100	ug/l	11/13/23	11/13/23
Isopropylbenzene	ND		1	ug/l	11/13/23	11/13/23
p-Isopropyltoluene	ND		1	ug/l	11/13/23	11/13/23
Methylene Chloride	ND		1	ug/l	11/13/23	11/13/23
4-Methyl-2-pentanone	ND		100	ug/l	11/13/23	11/13/23

Results: Volatile Organic Compounds (Continued)

Sample: MW-1 (Continued)

Lab Number: 3K09070-01 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		1	ug/l	11/13/23	11/13/23
n-Propylbenzene	ND		1	ug/l	11/13/23	11/13/23
Styrene	ND		1	ug/l	11/13/23	11/13/23
1,1,1,2-Tetrachloroethane	ND		1	ug/l	11/13/23	11/13/23
Tetrachloroethene	ND		1	ug/l	11/13/23	11/13/23
Tetrahydrofuran	ND		5	ug/l	11/13/23	11/13/23
Toluene	2		1	ug/l	11/13/23	11/13/23
1,2,4-Trichlorobenzene	ND		1	ug/l	11/13/23	11/13/23
1,2,3-Trichlorobenzene	ND		1	ug/l	11/13/23	11/13/23
1,1,2-Trichloroethane	ND		1	ug/l	11/13/23	11/13/23
1,1,1-Trichloroethane	ND		1	ug/l	11/13/23	11/13/23
Trichloroethene	ND		1	ug/l	11/13/23	11/13/23
1,2,3-Trichloropropane	ND		1	ug/l	11/13/23	11/13/23
1,3,5-Trimethylbenzene	ND		1	ug/l	11/13/23	11/13/23
1,2,4-Trimethylbenzene	ND		1	ug/l	11/13/23	11/13/23
Vinyl Chloride	ND		1	ug/l	11/13/23	11/13/23
o-Xylene	ND		1	ug/l	11/13/23	11/13/23
m&p-Xylene	ND		2	ug/l	11/13/23	11/13/23
Total xylenes	ND		1	ug/l	11/13/23	11/13/23
1,1,1,2,2-Tetrachloroethane	ND		1	ug/l	11/13/23	11/13/23
tert-Amyl methyl ether	ND		1	ug/l	11/13/23	11/13/23
1,3-Dichloropropane	ND		1	ug/l	11/13/23	11/13/23
Ethyl tert-butyl ether	ND		1	ug/l	11/13/23	11/13/23
Diisopropyl ether	ND		1	ug/l	11/13/23	11/13/23
Trichlorofluoromethane	ND		1	ug/l	11/13/23	11/13/23
Dichlorodifluoromethane	ND		1	ug/l	11/13/23	11/13/23
1,2 Dichloroethene, Total	ND		1	ug/l	11/13/23	11/13/23
tert-Amyl Alcohol	ND		5	ug/l	11/13/23	11/13/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	97.7%		70-130		11/13/23	11/13/23
<i>1,2-Dichloroethane-d4</i>	101%		70-130		11/13/23	11/13/23
<i>Toluene-d8</i>	83.7%		70-130		11/13/23	11/13/23

Results: Volatile Organic Compounds

Sample: MW-2

Lab Number: 3K09070-02 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		100	ug/l	11/13/23	11/13/23
Benzene	ND		1	ug/l	11/13/23	11/13/23
Bromobenzene	ND		1	ug/l	11/13/23	11/13/23
Bromochloromethane	ND		1	ug/l	11/13/23	11/13/23
Bromodichloromethane	ND		1	ug/l	11/13/23	11/13/23
Bromoform	ND		1	ug/l	11/13/23	11/13/23
Bromomethane	ND		1	ug/l	11/13/23	11/13/23
2-Butanone	ND		100	ug/l	11/13/23	11/13/23
tert-Butyl alcohol	ND		5	ug/l	11/13/23	11/13/23
sec-Butylbenzene	ND		1	ug/l	11/13/23	11/13/23
n-Butylbenzene	ND		1	ug/l	11/13/23	11/13/23
tert-Butylbenzene	ND		1	ug/l	11/13/23	11/13/23
Methyl t-butyl ether (MTBE)	2		1	ug/l	11/13/23	11/13/23
Carbon Disulfide	ND		1	ug/l	11/13/23	11/13/23
Carbon Tetrachloride	ND		1	ug/l	11/13/23	11/13/23
Chlorobenzene	ND		1	ug/l	11/13/23	11/13/23
Chloroethane	ND		1	ug/l	11/13/23	11/13/23
Chloroform	ND		1	ug/l	11/13/23	11/13/23
Chloromethane	ND		1	ug/l	11/13/23	11/13/23
4-Chlorotoluene	ND		1	ug/l	11/13/23	11/13/23
2-Chlorotoluene	ND		1	ug/l	11/13/23	11/13/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/l	11/13/23	11/13/23
Dibromochloromethane	ND		1	ug/l	11/13/23	11/13/23
1,2-Dibromoethane (EDB)	ND		1	ug/l	11/13/23	11/13/23
Dibromomethane	ND		1	ug/l	11/13/23	11/13/23
1,2-Dichlorobenzene	ND		1	ug/l	11/13/23	11/13/23
1,3-Dichlorobenzene	ND		1	ug/l	11/13/23	11/13/23
1,4-Dichlorobenzene	ND		1	ug/l	11/13/23	11/13/23
1,1-Dichloroethane	ND		1	ug/l	11/13/23	11/13/23
1,2-Dichloroethane	ND		1	ug/l	11/13/23	11/13/23
trans-1,2-Dichloroethene	ND		1	ug/l	11/13/23	11/13/23
cis-1,2-Dichloroethene	ND		1	ug/l	11/13/23	11/13/23
1,1-Dichloroethene	ND		1	ug/l	11/13/23	11/13/23
1,2-Dichloropropane	ND		1	ug/l	11/13/23	11/13/23
2,2-Dichloropropane	ND		1	ug/l	11/13/23	11/13/23
cis-1,3-Dichloropropene	ND		1	ug/l	11/13/23	11/13/23
trans-1,3-Dichloropropene	ND		1	ug/l	11/13/23	11/13/23
1,1-Dichloropropene	ND		1	ug/l	11/13/23	11/13/23
1,3-Dichloropropene (cis + trans)	ND		2	ug/l	11/13/23	11/13/23
Diethyl ether	ND		5	ug/l	11/13/23	11/13/23
1,4-Dioxane	ND		100	ug/l	11/13/23	11/13/23
Ethylbenzene	ND		1	ug/l	11/13/23	11/13/23
Hexachlorobutadiene	ND		1	ug/l	11/13/23	11/13/23
2-Hexanone	ND		100	ug/l	11/13/23	11/13/23
Isopropylbenzene	ND		1	ug/l	11/13/23	11/13/23
p-Isopropyltoluene	ND		1	ug/l	11/13/23	11/13/23
Methylene Chloride	ND		1	ug/l	11/13/23	11/13/23
4-Methyl-2-pentanone	ND		100	ug/l	11/13/23	11/13/23

Results: Volatile Organic Compounds (Continued)

Sample: MW-2 (Continued)

Lab Number: 3K09070-02 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		1	ug/l	11/13/23	11/13/23
n-Propylbenzene	ND		1	ug/l	11/13/23	11/13/23
Styrene	ND		1	ug/l	11/13/23	11/13/23
1,1,1,2-Tetrachloroethane	ND		1	ug/l	11/13/23	11/13/23
Tetrachloroethene	ND		1	ug/l	11/13/23	11/13/23
Tetrahydrofuran	ND		5	ug/l	11/13/23	11/13/23
Toluene	ND		1	ug/l	11/13/23	11/13/23
1,2,4-Trichlorobenzene	ND		1	ug/l	11/13/23	11/13/23
1,2,3-Trichlorobenzene	ND		1	ug/l	11/13/23	11/13/23
1,1,2-Trichloroethane	ND		1	ug/l	11/13/23	11/13/23
1,1,1-Trichloroethane	ND		1	ug/l	11/13/23	11/13/23
Trichloroethene	ND		1	ug/l	11/13/23	11/13/23
1,2,3-Trichloropropane	ND		1	ug/l	11/13/23	11/13/23
1,3,5-Trimethylbenzene	ND		1	ug/l	11/13/23	11/13/23
1,2,4-Trimethylbenzene	ND		1	ug/l	11/13/23	11/13/23
Vinyl Chloride	ND		1	ug/l	11/13/23	11/13/23
o-Xylene	ND		1	ug/l	11/13/23	11/13/23
m&p-Xylene	ND		2	ug/l	11/13/23	11/13/23
Total xylenes	ND		1	ug/l	11/13/23	11/13/23
1,1,2,2-Tetrachloroethane	ND		1	ug/l	11/13/23	11/13/23
tert-Amyl methyl ether	ND		1	ug/l	11/13/23	11/13/23
1,3-Dichloropropane	ND		1	ug/l	11/13/23	11/13/23
Ethyl tert-butyl ether	ND		1	ug/l	11/13/23	11/13/23
Diisopropyl ether	ND		1	ug/l	11/13/23	11/13/23
Trichlorofluoromethane	ND		1	ug/l	11/13/23	11/13/23
Dichlorodifluoromethane	ND		1	ug/l	11/13/23	11/13/23
1,2 Dichloroethene, Total	ND		1	ug/l	11/13/23	11/13/23
tert-Amyl Alcohol	ND		5	ug/l	11/13/23	11/13/23
<hr/>						
Surrogate(s)	Recovery%		Limits			
<hr/>						
<i>4-Bromofluorobenzene</i>	<i>84.9%</i>		<i>70-130</i>		11/13/23	11/13/23
<i>1,2-Dichloroethane-d4</i>	<i>108%</i>		<i>70-130</i>		11/13/23	11/13/23
<i>Toluene-d8</i>	<i>89.2%</i>		<i>70-130</i>		11/13/23	11/13/23

Results: Volatile Organic Compounds

Sample: MW-3

Lab Number: 3K09070-03 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		100	ug/l	11/13/23	11/13/23
Benzene	ND		1	ug/l	11/13/23	11/13/23
Bromobenzene	ND		1	ug/l	11/13/23	11/13/23
Bromochloromethane	ND		1	ug/l	11/13/23	11/13/23
Bromodichloromethane	ND		1	ug/l	11/13/23	11/13/23
Bromoform	ND		1	ug/l	11/13/23	11/13/23
Bromomethane	ND		1	ug/l	11/13/23	11/13/23
2-Butanone	ND		100	ug/l	11/13/23	11/13/23
tert-Butyl alcohol	ND		5	ug/l	11/13/23	11/13/23
sec-Butylbenzene	ND		1	ug/l	11/13/23	11/13/23
n-Butylbenzene	ND		1	ug/l	11/13/23	11/13/23
tert-Butylbenzene	ND		1	ug/l	11/13/23	11/13/23
Methyl t-butyl ether (MTBE)	9		1	ug/l	11/13/23	11/13/23
Carbon Disulfide	ND		1	ug/l	11/13/23	11/13/23
Carbon Tetrachloride	ND		1	ug/l	11/13/23	11/13/23
Chlorobenzene	ND		1	ug/l	11/13/23	11/13/23
Chloroethane	ND		1	ug/l	11/13/23	11/13/23
Chloroform	ND		1	ug/l	11/13/23	11/13/23
Chloromethane	ND		1	ug/l	11/13/23	11/13/23
4-Chlorotoluene	ND		1	ug/l	11/13/23	11/13/23
2-Chlorotoluene	ND		1	ug/l	11/13/23	11/13/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/l	11/13/23	11/13/23
Dibromochloromethane	ND		1	ug/l	11/13/23	11/13/23
1,2-Dibromoethane (EDB)	ND		1	ug/l	11/13/23	11/13/23
Dibromomethane	ND		1	ug/l	11/13/23	11/13/23
1,2-Dichlorobenzene	ND		1	ug/l	11/13/23	11/13/23
1,3-Dichlorobenzene	ND		1	ug/l	11/13/23	11/13/23
1,4-Dichlorobenzene	ND		1	ug/l	11/13/23	11/13/23
1,1-Dichloroethane	ND		1	ug/l	11/13/23	11/13/23
1,2-Dichloroethane	ND		1	ug/l	11/13/23	11/13/23
trans-1,2-Dichloroethene	ND		1	ug/l	11/13/23	11/13/23
cis-1,2-Dichloroethene	ND		1	ug/l	11/13/23	11/13/23
1,1-Dichloroethene	ND		1	ug/l	11/13/23	11/13/23
1,2-Dichloropropane	ND		1	ug/l	11/13/23	11/13/23
2,2-Dichloropropane	ND		1	ug/l	11/13/23	11/13/23
cis-1,3-Dichloropropene	ND		1	ug/l	11/13/23	11/13/23
trans-1,3-Dichloropropene	ND		1	ug/l	11/13/23	11/13/23
1,1-Dichloropropene	ND		1	ug/l	11/13/23	11/13/23
1,3-Dichloropropene (cis + trans)	ND		2	ug/l	11/13/23	11/13/23
Diethyl ether	ND		5	ug/l	11/13/23	11/13/23
1,4-Dioxane	ND		100	ug/l	11/13/23	11/13/23
Ethylbenzene	ND		1	ug/l	11/13/23	11/13/23
Hexachlorobutadiene	ND		1	ug/l	11/13/23	11/13/23
2-Hexanone	ND		100	ug/l	11/13/23	11/13/23
Isopropylbenzene	ND		1	ug/l	11/13/23	11/13/23
p-Isopropyltoluene	ND		1	ug/l	11/13/23	11/13/23
Methylene Chloride	ND		1	ug/l	11/13/23	11/13/23
4-Methyl-2-pentanone	ND		100	ug/l	11/13/23	11/13/23

Results: Volatile Organic Compounds (Continued)

Sample: MW-3 (Continued)

Lab Number: 3K09070-03 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		1	ug/l	11/13/23	11/13/23
n-Propylbenzene	ND		1	ug/l	11/13/23	11/13/23
Styrene	ND		1	ug/l	11/13/23	11/13/23
1,1,1,2-Tetrachloroethane	ND		1	ug/l	11/13/23	11/13/23
Tetrachloroethene	ND		1	ug/l	11/13/23	11/13/23
Tetrahydrofuran	ND		5	ug/l	11/13/23	11/13/23
Toluene	ND		1	ug/l	11/13/23	11/13/23
1,2,4-Trichlorobenzene	ND		1	ug/l	11/13/23	11/13/23
1,2,3-Trichlorobenzene	ND		1	ug/l	11/13/23	11/13/23
1,1,2-Trichloroethane	ND		1	ug/l	11/13/23	11/13/23
1,1,1-Trichloroethane	ND		1	ug/l	11/13/23	11/13/23
Trichloroethene	ND		1	ug/l	11/13/23	11/13/23
1,2,3-Trichloropropane	ND		1	ug/l	11/13/23	11/13/23
1,3,5-Trimethylbenzene	ND		1	ug/l	11/13/23	11/13/23
1,2,4-Trimethylbenzene	ND		1	ug/l	11/13/23	11/13/23
Vinyl Chloride	ND		1	ug/l	11/13/23	11/13/23
o-Xylene	ND		1	ug/l	11/13/23	11/13/23
m&p-Xylene	ND		2	ug/l	11/13/23	11/13/23
Total xylenes	ND		1	ug/l	11/13/23	11/13/23
1,1,2,2-Tetrachloroethane	ND		1	ug/l	11/13/23	11/13/23
tert-Amyl methyl ether	2		1	ug/l	11/13/23	11/13/23
1,3-Dichloropropane	ND		1	ug/l	11/13/23	11/13/23
Ethyl tert-butyl ether	ND		1	ug/l	11/13/23	11/13/23
Diisopropyl ether	ND		1	ug/l	11/13/23	11/13/23
Trichlorofluoromethane	ND		1	ug/l	11/13/23	11/13/23
Dichlorodifluoromethane	ND		1	ug/l	11/13/23	11/13/23
1,2 Dichloroethene, Total	ND		1	ug/l	11/13/23	11/13/23
tert-Amyl Alcohol	ND		5	ug/l	11/13/23	11/13/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>83.1%</i>		<i>70-130</i>		11/13/23	11/13/23
<i>1,2-Dichloroethane-d4</i>	<i>114%</i>		<i>70-130</i>		11/13/23	11/13/23
<i>Toluene-d8</i>	<i>95.1%</i>		<i>70-130</i>		11/13/23	11/13/23

Results: Polychlorinated Biphenyls (PCBs)

Sample: MW-1

Lab Number: 3K09070-01 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		0.20	ug/l	11/13/23	11/14/23
Aroclor-1221	ND		0.40	ug/l	11/13/23	11/14/23
Aroclor-1232	ND		0.20	ug/l	11/13/23	11/14/23
Aroclor-1242	ND		0.20	ug/l	11/13/23	11/14/23
Aroclor-1248	ND		0.20	ug/l	11/13/23	11/14/23
Aroclor-1254	ND		0.20	ug/l	11/13/23	11/14/23
Aroclor-1260	ND		0.20	ug/l	11/13/23	11/14/23
Aroclor-1262	ND		0.20	ug/l	11/13/23	11/14/23
Aroclor-1268	ND		0.20	ug/l	11/13/23	11/14/23
PCBs (Total)	ND		0.20	ug/l	11/13/23	11/14/23
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	49.4%		30-107		11/13/23	11/14/23
<i>Decachlorobiphenyl (DCBP)</i>	73.0%		30-140		11/13/23	11/14/23

Results: Polychlorinated Biphenyls (PCBs)**Sample: MW-2****Lab Number: 3K09070-02 (Water)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		0.20	ug/l	11/13/23	11/14/23
Aroclor-1221	ND		0.40	ug/l	11/13/23	11/14/23
Aroclor-1232	ND		0.20	ug/l	11/13/23	11/14/23
Aroclor-1242	ND		0.20	ug/l	11/13/23	11/14/23
Aroclor-1248	ND		0.20	ug/l	11/13/23	11/14/23
Aroclor-1254	ND		0.20	ug/l	11/13/23	11/14/23
Aroclor-1260	ND		0.20	ug/l	11/13/23	11/14/23
Aroclor-1262	ND		0.20	ug/l	11/13/23	11/14/23
Aroclor-1268	ND		0.20	ug/l	11/13/23	11/14/23
PCBs (Total)	ND		0.20	ug/l	11/13/23	11/14/23
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	<i>58.2%</i>		<i>30-107</i>		11/13/23	11/14/23
<i>Decachlorobiphenyl (DCBP)</i>	<i>79.5%</i>		<i>30-140</i>		11/13/23	11/14/23

Results: Polychlorinated Biphenyls (PCBs)

Sample: MW-3

Lab Number: 3K09070-03 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		0.20	ug/l	11/13/23	11/14/23
Aroclor-1221	ND		0.40	ug/l	11/13/23	11/14/23
Aroclor-1232	ND		0.20	ug/l	11/13/23	11/14/23
Aroclor-1242	ND		0.20	ug/l	11/13/23	11/14/23
Aroclor-1248	ND		0.20	ug/l	11/13/23	11/14/23
Aroclor-1254	ND		0.20	ug/l	11/13/23	11/14/23
Aroclor-1260	ND		0.20	ug/l	11/13/23	11/14/23
Aroclor-1262	ND		0.20	ug/l	11/13/23	11/14/23
Aroclor-1268	ND		0.20	ug/l	11/13/23	11/14/23
PCBs (Total)	ND		0.20	ug/l	11/13/23	11/14/23
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	59.7%		30-107		11/13/23	11/14/23
<i>Decachlorobiphenyl (DCBP)</i>	72.2%		30-140		11/13/23	11/14/23

Results: Total Petroleum Hydrocarbons**Sample: MW-1****Lab Number: 3K09070-01 (Water)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		200	ug/l	11/13/23	11/14/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>73.5%</i>		<i>47-115</i>		11/13/23	11/14/23

Results: Total Petroleum Hydrocarbons**Sample: MW-2****Lab Number: 3K09070-02 (Water)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		200	ug/l	11/13/23	11/14/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	77.2%		47-115		11/13/23	11/14/23

Results: Total Petroleum Hydrocarbons**Sample: MW-3****Lab Number: 3K09070-03 (Water)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	795		200	ug/l	11/13/23	11/14/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>75.0%</i>		<i>47-115</i>		11/13/23	11/14/23

Results: Total Petroleum Hydrocarbons**Sample: SS-1****Lab Number: 3K09070-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	75		29	mg/kg	11/11/23	11/14/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>58.3%</i>		<i>50-130</i>		11/11/23	11/14/23

Results: Total Petroleum Hydrocarbons**Sample: SS-2****Lab Number: 3K09070-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	1160		684	mg/kg	11/11/23	11/14/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>65.4%</i>		<i>50-130</i>		11/11/23	11/14/23

Results: Total Petroleum Hydrocarbons**Sample: SS-3****Lab Number: 3K09070-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	1030		277	mg/kg	11/11/23	11/14/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>80.2%</i>		<i>50-130</i>		11/11/23	11/14/23

Results: Total Petroleum Hydrocarbons**Sample: SS-4****Lab Number: 3K09070-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	2470		1420	mg/kg	11/11/23	11/14/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>73.2%</i>		<i>50-130</i>		11/11/23	11/14/23

Results: Total Petroleum Hydrocarbons**Sample: SS-5****Lab Number: 3K09070-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	220		57	mg/kg	11/11/23	11/14/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>61.9%</i>		<i>50-130</i>		11/11/23	11/14/23

Results: Total Petroleum Hydrocarbons**Sample: SS-6****Lab Number: 3K09070-09 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	4410		1440	mg/kg	11/11/23	11/14/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>76.0%</i>		<i>50-130</i>		11/11/23	11/14/23

Results: Total Petroleum Hydrocarbons**Sample: SS-7****Lab Number: 3K09070-10 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	1330		563	mg/kg	11/11/23	11/14/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>121%</i>		<i>50-130</i>		11/11/23	11/14/23

Results: Total Petroleum Hydrocarbons**Sample: SS-8****Lab Number: 3K09070-11 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	2950		1420	mg/kg	11/11/23	11/14/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>80.8%</i>		<i>50-130</i>		11/11/23	11/14/23

Results: Total Petroleum Hydrocarbons**Sample: SS-9****Lab Number: 3K09070-12 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	1400		713	mg/kg	11/11/23	11/14/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>81.4%</i>		<i>50-130</i>		11/11/23	11/14/23

Results: Total Petroleum Hydrocarbons**Sample: SS-10****Lab Number: 3K09070-13 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	1210		148	mg/kg	11/14/23	11/15/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>61.4%</i>		<i>50-130</i>		11/14/23	11/15/23

Results: Total Petroleum Hydrocarbons**Sample: SS-11****Lab Number: 3K09070-14 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	1910		146	mg/kg	11/14/23	11/15/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>61.6%</i>		<i>50-130</i>		11/14/23	11/15/23

Results: Total Petroleum Hydrocarbons**Sample: SS-12****Lab Number: 3K09070-15 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	430		148	mg/kg	11/14/23	11/15/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>64.7%</i>		<i>50-130</i>		11/14/23	11/15/23

Quality Control

Total Metals

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0472 - Metals Digestion Soils										
Blank (B3K0472-BLK1)										
					Prepared: 11/10/23 Analyzed: 11/15/23					
Lead	ND		0.50	mg/kg						
Arsenic	ND		1.00	mg/kg						
LCS (B3K0472-BS1)										
					Prepared: 11/10/23 Analyzed: 11/15/23					
Arsenic	21.2		1.00	mg/kg	20.0		106	85-115		
Lead	109		0.50	mg/kg	100		109	85-115		

Quality Control
(Continued)

Volatile Organic Compounds

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0581 - Purge-Trap					Prepared & Analyzed: 11/13/23					
Blank (B3K0581-BLK1)										
Acetone	ND		100	ug/l						
Benzene	ND		1	ug/l						
Bromobenzene	ND		1	ug/l						
Bromochloromethane	ND		1	ug/l						
Bromodichloromethane	ND		1	ug/l						
Bromoform	ND		1	ug/l						
Bromomethane	ND		1	ug/l						
2-Butanone	ND		100	ug/l						
tert-Butyl alcohol	ND		5	ug/l						
sec-Butylbenzene	ND		1	ug/l						
n-Butylbenzene	ND		1	ug/l						
tert-Butylbenzene	ND		1	ug/l						
Methyl t-butyl ether (MTBE)	ND		1	ug/l						
Carbon Disulfide	ND		1	ug/l						
Carbon Tetrachloride	ND		1	ug/l						
Chlorobenzene	ND		1	ug/l						
Chloroethane	ND		1	ug/l						
Chloroform	ND		1	ug/l						
Chloromethane	ND		1	ug/l						
4-Chlorotoluene	ND		1	ug/l						
2-Chlorotoluene	ND		1	ug/l						
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/l						
Dibromochloromethane	ND		1	ug/l						
1,2-Dibromoethane (EDB)	ND		1	ug/l						
Dibromomethane	ND		1	ug/l						
1,2-Dichlorobenzene	ND		1	ug/l						
1,3-Dichlorobenzene	ND		1	ug/l						
1,4-Dichlorobenzene	ND		1	ug/l						
1,1-Dichloroethane	ND		1	ug/l						
1,2-Dichloroethane	ND		1	ug/l						
trans-1,2-Dichloroethene	ND		1	ug/l						
cis-1,2-Dichloroethene	ND		1	ug/l						
1,1-Dichloroethene	ND		1	ug/l						
1,2-Dichloropropane	ND		1	ug/l						
2,2-Dichloropropane	ND		1	ug/l						
cis-1,3-Dichloropropene	ND		1	ug/l						
trans-1,3-Dichloropropene	ND		1	ug/l						
1,1-Dichloropropene	ND		1	ug/l						
1,3-Dichloropropene (cis + trans)	ND		2	ug/l						
Diethyl ether	ND		5	ug/l						
1,4-Dioxane	ND		100	ug/l						
Ethylbenzene	ND		1	ug/l						
Hexachlorobutadiene	ND		1	ug/l						
2-Hexanone	ND		100	ug/l						
Isopropylbenzene	ND		1	ug/l						
p-Isopropyltoluene	ND		1	ug/l						
Methylene Chloride	ND		1	ug/l						
4-Methyl-2-pentanone	ND		100	ug/l						
Naphthalene	ND		1	ug/l						
n-Propylbenzene	ND		1	ug/l						
Styrene	ND		1	ug/l						
1,1,1,2-Tetrachloroethane	ND		1	ug/l						
Tetrachloroethene	ND		1	ug/l						
Tetrahydrofuran	ND		5	ug/l						
Toluene	ND		1	ug/l						
1,2,4-Trichlorobenzene	ND		1	ug/l						
1,2,3-Trichlorobenzene	ND		1	ug/l						

Quality Control
(Continued)

Volatile Organic Compounds (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0581 - Purge-Trap (Continued)										
Blank (B3K0581-BLK1)					Prepared & Analyzed: 11/13/23					
1,1,2-Trichloroethane	ND		1	ug/l						
1,1,1-Trichloroethane	ND		1	ug/l						
Trichloroethene	ND		1	ug/l						
1,2,3-Trichloropropane	ND		1	ug/l						
1,3,5-Trimethylbenzene	ND		1	ug/l						
1,2,4-Trimethylbenzene	ND		1	ug/l						
Vinyl Chloride	ND		1	ug/l						
o-Xylene	ND		1	ug/l						
m&p-Xylene	ND		2	ug/l						
Total xylenes	ND		1	ug/l						
1,1,2,2-Tetrachloroethane	ND		1	ug/l						
tert-Amyl methyl ether	ND		1	ug/l						
1,3-Dichloropropane	ND		1	ug/l						
Ethyl tert-butyl ether	ND		1	ug/l						
Diisopropyl ether	ND		1	ug/l						
Trichlorofluoromethane	ND		1	ug/l						
Dichlorodifluoromethane	ND		1	ug/l						
1,2 Dichloroethene, Total	ND		1	ug/l						
tert-Amyl Alcohol	ND		5	ug/l						
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<i>Surrogate: 4-Bromofluorobenzene</i>			<i>49.9</i>	<i>ug/l</i>	<i>50.0</i>		<i>99.9</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>47.8</i>	<i>ug/l</i>	<i>50.0</i>		<i>95.6</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>40.8</i>	<i>ug/l</i>	<i>50.0</i>		<i>81.7</i>	<i>70-130</i>		
<hr/>										
LCS (B3K0581-BS1)					Prepared & Analyzed: 11/13/23					
Acetone	30		5	ug/l	50.0		59.6	50-150		
Benzene	43		1	ug/l	50.0		85.5	70-130		
Bromobenzene	46		1	ug/l	50.0		91.2	70-130		
Bromochloromethane	42		1	ug/l	50.0		84.5	70-130		
Bromodichloromethane	42		1	ug/l	50.0		83.1	70-130		
Bromoform	45		1	ug/l	50.0		89.9	70-130		
Bromomethane	43		1	ug/l	50.0		85.9	50-150		
2-Butanone	36		5	ug/l	50.0		72.5	50-150		
tert-Butyl alcohol	46		5	ug/l	50.0		91.4	70-130		
sec-Butylbenzene	44		1	ug/l	50.0		89.0	70-130		
n-Butylbenzene	46		1	ug/l	50.0		91.1	70-130		
tert-Butylbenzene	44		1	ug/l	50.0		89.0	70-130		
Methyl t-butyl ether (MTBE)	43		1	ug/l	50.0		86.3	70-130		
Carbon Disulfide	51		1	ug/l	50.0		102	50-150		
Carbon Tetrachloride	40		1	ug/l	50.0		80.6	70-130		
Chlorobenzene	44		1	ug/l	50.0		88.3	70-130		
Chloroethane	44		1	ug/l	50.0		88.9	50-150		
Chloroform	41		1	ug/l	50.0		81.5	70-130		
Chloromethane	44		1	ug/l	50.0		88.3	50-150		
4-Chlorotoluene	45		1	ug/l	50.0		89.9	70-130		
2-Chlorotoluene	43		1	ug/l	50.0		85.5	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	41		1	ug/l	50.0		81.7	70-130		
Dibromochloromethane	39		1	ug/l	50.0		78.1	70-130		
1,2-Dibromoethane (EDB)	42		1	ug/l	50.0		84.9	70-130		
Dibromomethane	40		1	ug/l	50.0		80.7	70-130		
1,2-Dichlorobenzene	47		1	ug/l	50.0		93.5	70-130		
1,3-Dichlorobenzene	47		1	ug/l	50.0		94.3	70-130		
1,4-Dichlorobenzene	45		1	ug/l	50.0		89.9	70-130		
1,1-Dichloroethane	41		1	ug/l	50.0		82.6	70-130		
1,2-Dichloroethane	40		1	ug/l	50.0		79.7	70-130		
trans-1,2-Dichloroethene	42		1	ug/l	50.0		84.1	70-130		
cis-1,2-Dichloroethene	43		1	ug/l	50.0		85.2	70-130		
1,1-Dichloroethene	45		1	ug/l	50.0		90.1	70-130		

Quality Control
(Continued)

Volatile Organic Compounds (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0581 - Purge-Trap (Continued)					Prepared & Analyzed: 11/13/23					
LCS (B3K0581-BS1)										
1,2-Dichloropropane	42		1	ug/l	50.0		83.9	70-130		
2,2-Dichloropropane	41		1	ug/l	50.0		81.5	70-130		
cis-1,3-Dichloropropene	38		1	ug/l	50.0		75.6	70-130		
trans-1,3-Dichloropropene	42		1	ug/l	50.0		84.1	70-130		
1,1-Dichloropropene	44		1	ug/l	50.0		88.0	70-130		
Diethyl ether	47		5	ug/l	50.0		94.3	70-130		
1,4-Dioxane	210		100	ug/l	250		84.0	50-150		
Ethylbenzene	45		1	ug/l	50.0		89.8	70-130		
Hexachlorobutadiene	48		1	ug/l	50.0		96.0	70-130		
2-Hexanone	33		5	ug/l	50.0		65.6	50-150		
Isopropylbenzene	45		1	ug/l	50.0		90.1	70-130		
p-Isopropyltoluene	46		1	ug/l	50.0		91.5	70-130		
Methylene Chloride	46		1	ug/l	50.0		93.0	70-130		
4-Methyl-2-pentanone	41		5	ug/l	50.0		81.5	50-150		
Naphthalene	36		1	ug/l	50.0		72.1	70-130		
n-Propylbenzene	45		1	ug/l	50.0		90.9	70-130		
Styrene	47		1	ug/l	50.0		94.5	70-130		
1,1,1,2-Tetrachloroethane	46		1	ug/l	50.0		92.1	70-130		
Tetrachloroethene	39		1	ug/l	50.0		78.1	70-130		
Tetrahydrofuran	40		5	ug/l	50.0		79.2	50-150		
Toluene	41		1	ug/l	50.0		81.0	70-130		
1,2,4-Trichlorobenzene	41		1	ug/l	50.0		82.4	70-130		
1,2,3-Trichlorobenzene	38		1	ug/l	50.0		75.1	70-130		
1,1,2-Trichloroethane	46		1	ug/l	50.0		91.2	70-130		
1,1,1-Trichloroethane	40		1	ug/l	50.0		79.2	70-130		
Trichloroethene	40		1	ug/l	50.0		79.5	70-130		
1,2,3-Trichloropropane	42		1	ug/l	50.0		83.5	70-130		
1,3,5-Trimethylbenzene	45		1	ug/l	50.0		90.4	70-130		
1,2,4-Trimethylbenzene	46		1	ug/l	50.0		92.8	70-130		
Vinyl Chloride	50		1	ug/l	50.0		99.9	50-150		
o-Xylene	44		1	ug/l	50.0		88.3	70-130		
m&p-Xylene	88		2	ug/l	100		88.3	70-130		
1,1,2,2-Tetrachloroethane	48		1	ug/l	50.0		96.3	70-130		
tert-Amyl methyl ether	42		1	ug/l	50.0		83.5	70-130		
1,3-Dichloropropane	40		1	ug/l	50.0		80.1	70-130		
Ethyl tert-butyl ether	44		1	ug/l	50.0		87.5	70-130		
Trichlorofluoromethane	44		1	ug/l	50.0		87.6	50-150		
Dichlorodifluoromethane	39		1	ug/l	50.0		78.8	50-150		
<hr/>										
Surrogate: 4-Bromofluorobenzene			46.0	ug/l	50.0		91.9	70-130		
Surrogate: 1,2-Dichloroethane-d4			50.6	ug/l	50.0		101	70-130		
Surrogate: Toluene-d8			45.3	ug/l	50.0		90.6	70-130		

Quality Control
(Continued)

Volatile Organic Compounds (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0581 - Purge-Trap (Continued)					Prepared & Analyzed: 11/13/23					
LCS Dup (B3K0581-BSD1)										
Acetone	42		5	ug/l	50.0		83.5	50-150	33.5	20
Benzene	42		1	ug/l	50.0		83.8	70-130	1.99	20
Bromobenzene	44		1	ug/l	50.0		88.7	70-130	2.80	20
Bromochloromethane	45		1	ug/l	50.0		89.2	70-130	5.37	20
Bromodichloromethane	41		1	ug/l	50.0		82.9	70-130	0.313	20
Bromoform	46		1	ug/l	50.0		91.8	70-130	2.05	20
Bromomethane	47		1	ug/l	50.0		94.9	50-150	9.95	20
2-Butanone	47		5	ug/l	50.0		93.2	50-150	24.9	20
tert-Butyl alcohol	45		5	ug/l	50.0		89.7	70-130	1.90	20
sec-Butylbenzene	44		1	ug/l	50.0		87.5	70-130	1.72	20
n-Butylbenzene	49		1	ug/l	50.0		97.8	70-130	7.14	20
tert-Butylbenzene	44		1	ug/l	50.0		88.4	70-130	0.654	20
Methyl t-butyl ether (MTBE)	44		1	ug/l	50.0		87.3	70-130	1.17	20
Carbon Disulfide	56		1	ug/l	50.0		111	50-150	8.24	20
Carbon Tetrachloride	40		1	ug/l	50.0		80.5	70-130	0.174	20
Chlorobenzene	44		1	ug/l	50.0		88.6	70-130	0.294	20
Chloroethane	45		1	ug/l	50.0		89.2	50-150	0.314	20
Chloroform	41		1	ug/l	50.0		82.6	70-130	1.37	20
Chloromethane	45		1	ug/l	50.0		90.7	50-150	2.68	20
4-Chlorotoluene	43		1	ug/l	50.0		86.9	70-130	3.33	20
2-Chlorotoluene	43		1	ug/l	50.0		86.4	70-130	1.05	20
1,2-Dibromo-3-chloropropane (DBCP)	41		1	ug/l	50.0		81.8	70-130	0.0489	20
Dibromochloromethane	40		1	ug/l	50.0		79.8	70-130	2.15	20
1,2-Dibromoethane (EDB)	43		1	ug/l	50.0		85.4	70-130	0.611	20
Dibromomethane	41		1	ug/l	50.0		81.6	70-130	1.11	20
1,2-Dichlorobenzene	46		1	ug/l	50.0		91.7	70-130	1.94	20
1,3-Dichlorobenzene	46		1	ug/l	50.0		92.6	70-130	1.75	20
1,4-Dichlorobenzene	44		1	ug/l	50.0		88.5	70-130	1.48	20
1,1-Dichloroethane	42		1	ug/l	50.0		85.0	70-130	2.79	20
1,2-Dichloroethane	40		1	ug/l	50.0		80.0	70-130	0.351	20
trans-1,2-Dichloroethene	43		1	ug/l	50.0		85.9	70-130	2.09	20
cis-1,2-Dichloroethene	44		1	ug/l	50.0		87.1	70-130	2.21	20
1,1-Dichloroethene	45		1	ug/l	50.0		90.9	70-130	0.884	20
1,2-Dichloropropane	42		1	ug/l	50.0		83.8	70-130	0.0239	20
2,2-Dichloropropane	41		1	ug/l	50.0		81.5	70-130	0.0491	20
cis-1,3-Dichloropropene	39		1	ug/l	50.0		78.3	70-130	3.56	20
trans-1,3-Dichloropropene	43		1	ug/l	50.0		86.8	70-130	3.21	20
1,1-Dichloropropene	44		1	ug/l	50.0		88.0	70-130	0.0454	20
Diethyl ether	47		5	ug/l	50.0		94.1	70-130	0.170	20
1,4-Dioxane	198		100	ug/l	250		79.3	50-150	5.75	20
Ethylbenzene	44		1	ug/l	50.0		88.7	70-130	1.28	20
Hexachlorobutadiene	50		1	ug/l	50.0		99.8	70-130	3.82	20
2-Hexanone	41		5	ug/l	50.0		81.5	50-150	21.6	20
Isopropylbenzene	45		1	ug/l	50.0		90.2	70-130	0.155	20
p-Isopropyltoluene	46		1	ug/l	50.0		92.7	70-130	1.26	20
Methylene Chloride	46		1	ug/l	50.0		91.4	70-130	1.71	20
4-Methyl-2-pentanone	41		5	ug/l	50.0		81.3	50-150	0.295	20
Naphthalene	37		1	ug/l	50.0		73.2	70-130	1.46	20
n-Propylbenzene	45		1	ug/l	50.0		90.7	70-130	0.176	20
Styrene	47		1	ug/l	50.0		94.4	70-130	0.148	20
1,1,1,2-Tetrachloroethane	44		1	ug/l	50.0		88.7	70-130	3.76	20
Tetrachloroethene	40		1	ug/l	50.0		79.8	70-130	2.15	20
Tetrahydrofuran	39		5	ug/l	50.0		78.3	50-150	1.17	20
Toluene	41		1	ug/l	50.0		81.7	70-130	0.836	20
1,2,4-Trichlorobenzene	42		1	ug/l	50.0		83.1	70-130	0.821	20
1,2,3-Trichlorobenzene	42		1	ug/l	50.0		84.0	70-130	11.2	20
1,1,2-Trichloroethane	45		1	ug/l	50.0		90.9	70-130	0.373	20

Quality Control
(Continued)

Volatile Organic Compounds (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0581 - Purge-Trap (Continued)										
LCS Dup (B3K0581-BSD1)					Prepared & Analyzed: 11/13/23					
1,1,1-Trichloroethane	40		1	ug/l	50.0		80.8	70-130	2.05	20
Trichloroethene	40		1	ug/l	50.0		80.2	70-130	0.952	20
1,2,3-Trichloropropane	42		1	ug/l	50.0		83.5	70-130	0.0239	20
1,3,5-Trimethylbenzene	44		1	ug/l	50.0		88.2	70-130	2.53	20
1,2,4-Trimethylbenzene	45		1	ug/l	50.0		90.6	70-130	2.31	20
Vinyl Chloride	52		1	ug/l	50.0		103	50-150	3.40	20
o-Xylene	45		1	ug/l	50.0		90.4	70-130	2.28	20
m&p-Xylene	91		2	ug/l	100		90.8	70-130	2.78	20
1,1,2,2-Tetrachloroethane	48		1	ug/l	50.0		95.3	70-130	1.04	20
tert-Amyl methyl ether	42		1	ug/l	50.0		84.4	70-130	1.12	20
1,3-Dichloropropane	40		1	ug/l	50.0		80.9	70-130	1.02	20
Ethyl tert-butyl ether	43		1	ug/l	50.0		85.8	70-130	1.89	20
Trichlorofluoromethane	44		1	ug/l	50.0		87.8	50-150	0.137	20
Dichlorodifluoromethane	40		1	ug/l	50.0		80.4	50-150	1.93	20
<hr/>										
<i>Surrogate: 4-Bromofluorobenzene</i>			<i>46.6</i>	<i>ug/l</i>	<i>50.0</i>		<i>93.1</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>48.7</i>	<i>ug/l</i>	<i>50.0</i>		<i>97.5</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>48.1</i>	<i>ug/l</i>	<i>50.0</i>		<i>96.2</i>	<i>70-130</i>		

Quality Control

(Continued)

Polychlorinated Biphenyls (PCBs)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0494 - 2_Sep-Funnel-extraction (Aqueous)										
Blank (B3K0494-BLK1)					Prepared: 11/13/23 Analyzed: 11/14/23					
Aroclor-1016	ND		0.20	ug/l						
Aroclor-1221	ND		0.40	ug/l						
Aroclor-1232	ND		0.20	ug/l						
Aroclor-1242	ND		0.20	ug/l						
Aroclor-1248	ND		0.20	ug/l						
Aroclor-1254	ND		0.20	ug/l						
Aroclor-1260	ND		0.20	ug/l						
Aroclor-1262	ND		0.20	ug/l						
Aroclor-1268	ND		0.20	ug/l						
PCBs (Total)	ND		0.20	ug/l						
<hr/>										
<i>Surrogate: 2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>			<i>0.0458</i>	<i>ug/l</i>	<i>0.0800</i>		<i>57.2</i>	<i>30-107</i>		
<i>Surrogate: Decachlorobiphenyl (DCBP)</i>			<i>0.0380</i>	<i>ug/l</i>	<i>0.0800</i>		<i>47.5</i>	<i>30-140</i>		
<hr/>										
LCS (B3K0494-BS1)					Prepared: 11/13/23 Analyzed: 11/14/23					
Aroclor-1016	0.8		0.20	ug/l	1.00		80.1	40-124		
Aroclor-1260	0.8		0.20	ug/l	1.00		84.1	48-123		
<hr/>										
<i>Surrogate: 2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>			<i>0.0534</i>	<i>ug/l</i>	<i>0.0800</i>		<i>66.7</i>	<i>30-107</i>		
<i>Surrogate: Decachlorobiphenyl (DCBP)</i>			<i>0.0423</i>	<i>ug/l</i>	<i>0.0800</i>		<i>52.9</i>	<i>30-140</i>		

Quality Control
(Continued)

Total Petroleum Hydrocarbons

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0491 - 1_Semivolatiles Extractions										
Blank (B3K0491-BLK1)					Prepared: 11/11/23 Analyzed: 11/13/23					
Total Petroleum Hydrocarbons	ND		27	mg/kg						

Surrogate: Chlorooctadecane			6.80	mg/kg	8.33		81.6	50-130		
Blank (B3K0491-BLK2)					Prepared: 11/11/23 Analyzed: 11/13/23					
Total Petroleum Hydrocarbons	ND		27	mg/kg						

Surrogate: Chlorooctadecane			5.80	mg/kg	8.33		69.6	50-130		
LCS (B3K0491-BS1)					Prepared: 11/11/23 Analyzed: 11/13/23					
Total Petroleum Hydrocarbons	602		27	mg/kg	667		90.3	44.7-125		

Surrogate: Chlorooctadecane			7.85	mg/kg	8.33		94.2	50-130		
LCS (B3K0491-BS2)					Prepared: 11/11/23 Analyzed: 11/13/23					
Total Petroleum Hydrocarbons	481		27	mg/kg	667		72.1	44.7-125		

Surrogate: Chlorooctadecane			6.41	mg/kg	8.33		76.9	50-130		
LCS Dup (B3K0491-BSD1)					Prepared: 11/11/23 Analyzed: 11/13/23					
Total Petroleum Hydrocarbons	477		27	mg/kg	667		71.6	44.7-125	23.1	200

Surrogate: Chlorooctadecane			6.53	mg/kg	8.33		78.4	50-130		
LCS Dup (B3K0491-BSD2)					Prepared: 11/11/23 Analyzed: 11/13/23					
Total Petroleum Hydrocarbons	387		27	mg/kg	667		58.1	44.7-125	21.5	200

Surrogate: Chlorooctadecane			5.01	mg/kg	8.33		60.1	50-130		
Batch: B3K0543 - 2_Sep-Funnel-extraction (Aqueous)										
Blank (B3K0543-BLK1)					Prepared: 11/13/23 Analyzed: 11/14/23					
Total Petroleum Hydrocarbons	ND		200	ug/l						

Surrogate: Chlorooctadecane			71.6	ug/l	125		57.3	47-115		

**Quality Control
(Continued)**

Total Petroleum Hydrocarbons (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B3K0543 - 2_Sep-Funnel-extraction (Aqueous) (Continued)										
LCS (B3K0543-BS1)					Prepared: 11/13/23 Analyzed: 11/14/23					
Total Petroleum Hydrocarbons	8750		200	ug/l	10000		87.5	32.6-125		
<i>Surrogate: Chlorooctadecane</i>			115	ug/l	125		92.2	47-115		
Batch: B3K0594 - 1_Semivolatiles Extractions										
Blank (B3K0594-BLK1)					Prepared: 11/14/23 Analyzed: 11/15/23					
Total Petroleum Hydrocarbons	ND		27	mg/kg						
<i>Surrogate: Chlorooctadecane</i>			4.77	mg/kg	8.33		57.2	50-130		
LCS (B3K0594-BS1)					Prepared: 11/14/23 Analyzed: 11/15/23					
Total Petroleum Hydrocarbons	355		27	mg/kg	667		53.2	44.7-125		
<i>Surrogate: Chlorooctadecane</i>			5.31	mg/kg	8.33		63.7	50-130		
LCS Dup (B3K0594-BSD1)					Prepared: 11/14/23 Analyzed: 11/15/23					
Total Petroleum Hydrocarbons	381		27	mg/kg	667		57.2	44.7-125	7.18	200
<i>Surrogate: Chlorooctadecane</i>			5.33	mg/kg	8.33		64.0	50-130		

Notes and Definitions

Item	Definition
Wet	Sample results reported on a wet weight basis.
ND	Analyte NOT DETECTED at or above the reporting limit.

NEW ENGLAND TESTING LABORATORY, INC.
 59 Greenhill Street
 West Warwick, RI 02893
 1-888-863-8522



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*page 1 of 2

CHAIN

PROJ. NO.		PROJECT NAME/LOCATION		PRESERVATIVE	TESTS**	PCBs	VOCs	TPH 8100	Lead	Arsenic	REMARKS			
09050410		434 Allens Avenue Providence, RI												
CLIENT				AQUEOUS	SOL	OTHER	NO. OF CONTAINERS							
Lake Shore Environmental														
REPORT TO:				DATE	TIME	COMP	GRAB	SAMPLE I.D.						
Dave Hazebruck, Isabella Giacomo														
INVOICE TO:														
same														
11/8/23	2:45		✓	MW-1	✓			6	NONE, H ₂ SO ₄ , HCl	✓	✓	✓		
	9:30		✓	MW-2	✓			6	↓	✓	✓	✓		
	1:40		✓	MW-3	✓			6	↓	✓	✓	✓		
	12:05	✓		SS-1		✓		1	NONE			✓	✓	✓
	12:25	✓		SS-2		✓		1	↓			✓	✓	✓
	12:15	✓		SS-3		✓		1	↓			✓	✓	✓
	12:35	✓		SS-4		✓		1	↓			✓	✓	✓
	11:45	✓		SS-5		✓		1	↓			✓	✓	✓
	11:35	✓		SS-6		✓		1	↓			✓	✓	✓
	12:00	✓		SS-7		✓		1	↓			✓	✓	✓
	11:30	✓		SS-8		✓		1	↓			✓	✓	✓
	11:20	✓		SS-9		✓		1	↓			✓	✓	✓
	10:40	✓		SS-10		✓		1	↓			✓	✓	✓

Sampled by: (Signature) 	Date/Time 11/9/23 9:08 AM	Received by: (Signature) 	Date/Time 11/9/23 1605	Laboratory Remarks: Temp. received: 4 Cooled <input type="checkbox"/>	Special Instructions: List Specific Detection Limit Requirements: Turnaround (Business Days) <u>STD</u>
Relinquished by: (Signature) 	Date/Time 11/9/23 1640	Received by: (Signature)	Date/Time		
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature) 	Date/Time 11/9 1600		

**Netlab subcontracts the following tests: Radiologicals, Radon, Asbestos, UCMRs, Perchlorate, Bromate, Bromide, Sieve, Salmonella, Carbamates, CT ETPH

CHAIN OF CUSTODY RECORD

PROJ. NO.		PROJECT NAME/LOCATION		AQUEOUS	SOIL	OTHER	NO. OF CONTAINERS	PRESERVATIVE	TESTS*	REMARKS						
09050H10		434 Allens Avenue Providence, RI														
CLIENT Lake Shore Environmental																
REPORT TO: Dave Harebrouck, Isabella Giacomo				DATE	TIME	COMP	GRAB	SAMPLE I.D.	NONE	NONE	NONE	NONE	NONE	NONE	NONE	
INVOICE TO: same																
11/18/23	10:35	✓		SS-11		✓	1	NONE	✓	✓	✓					
11/18/23	10:50	✓		SS-12		✓	1	NONE	✓	✓	✓					
Sampled by: (Signature) <i>[Signature]</i>		Date/Time 11/18/23 9:12 AM		Received by: (Signature) <i>[Signature]</i>		Date/Time 11/19/23 1605		Laboratory Remarks: Temp. received: <u>4</u> Cooled <input type="checkbox"/>			Special Instructions: List Specific Detection Limit Requirements:					
Relinquished by: (Signature) <i>[Signature]</i>		Date/Time 11/19/23 1640		Received by: (Signature)		Date/Time										
Relinquished by: (Signature)		Date/Time		Received for Laboratory by: (Signature) <i>[Signature]</i>		Date/Time 11/19/23 1640										
											Turnaround (Business Days) <u>STD</u>					

**Netlab subcontracts the following tests: Radiologicals, Radon, Asbestos, UCMRs, Perchlorate, Bromate, Bromide, Sieve, Salmonella, Carbamates, CT ETPH

APPENDIX D

SIR Checklist

Section 1.20 of the "Remediation Regulations"

Site Investigation Report (SIR) Checklist

(The following information shall be completed and submitted with the SIR)

Contact Name: Dave Hazebrouck
Contact Address: 359 Putnam Pike, Ste 105, Smithfield, RI
Contact Telephone: 401-658-1880

Site Name: Rhode Island Recycled Metals Facility
Site Address: 434 Allens Ave, Providence, RI

OFFICE USE ONLY

SITE INVESTIGATION REPORT (SIR) SITE:
PROJECT CODE:
SIR SUBMITTAL DATE:
CHECKLIST SUBMITTAL DATE:

DIRECTIONS: *The box to the left of each item listed below is for the administrative review of the SIR submission and is for **RIDEM USE ONLY**. Under each item listed below, cross-reference the specific sections and pages in the SIR that provide detailed information that addresses each stated requirement. Failure to include cross-references may delay review and approval. If an item is not applicable, simply state that it is not applicable and provide an explanation in the SIR.*

- 1.8.3(A)(1) List specific objectives of the SIR related to characterization of the Release, impacts of the Release and remedy.
Page 1
- 1.8.3(A)(2) Include information reported in the Notification of Release. A copy of the Release notification form should be included in the SIR. Include information relating to short-term response, if applicable.
Page 2
- 1.8.3(A)(3) Include documentation of any past incidents or Releases.
Page 2
- 1.8.3(A)(4) Include list of prior property Owners and Operators, as well as sequencing of property transfers and time periods of occupancy.
Page 2
- 1.8.3(A)(5) Include previously existing environmental information which characterizes the Contaminated-Site and all information that led to the discovery of the Contaminated-Site.
Page 3
- 1.8.3(A)(6) Include current uses and zoning of the Contaminated-Site, including brief statements of operations, processes employed, waste generated, Hazardous Materials handled, and any residential activities on the site, if applicable. (This section should be linked to the specific objectives section demonstrating how the compounds of concern in the investigation are

those that are used or may have been used on the site or are those that may have impacted the site from an off-site source.)

Page 5

- 1.8.3(A)(7) Include a locus map showing the location of the site using US Geological Survey 7.5-min quadrangle map or a copy of a section of that USGS map.

Figure 1, mentioned Page 5

- 1.8.3(A)(8) Include a site plan, to scale, showing:

- Buildings
- Activities
- Structures
- North Arrow
- Wells
- UIC Systems, septic tanks, UST, piping and other underground structures
- Outdoor Hazardous Materials storage and handling areas
- Extent of paved areas
- Location of environmental samples previously taken with analytical results
- Waste management and disposal areas
- Property Lines

Figure 2A, 2B, and 2C, mentioned Page 5

- 1.8.3(A)(9) Include a general characterization of the property surrounding the area including, but not limited to:

- Location and distance to any surface water bodies within 500 ft of the site.
- Location and distance to any Environmentally Sensitive Areas within 500 ft of the site.
- Actual sources of potable water for all properties immediately abutting the site.
- Location and distance to all public water supplies, which have been active within the previous 2 years and within one mile of the site.

- Determination as to whether the Release impacts any off-site area utilized for residential or industrial/commercial property or both.
- Determination of the underlying groundwater classification and if the classification is GB, the distance to the nearest GA area.

Page 6

- 1.8.3(A)(10) Include classifications of surface and ground water at and surrounding the site that could be impacted by a Release.

Page 6

- 1.8.3(A)(11) Include a description of the contamination from the Release, including:

- Free liquids on the surface
- LNAPL and DNAPL
- Concentrations of Hazardous Substances which can be shown to present an actual or potential threat to human health and any concentrations in excess of any of the remedial objectives (reference Section 1.13)
- Impact to Environmentally Sensitive Areas
- Contamination of man-made structures
- Odors or stained soil
- Stressed vegetation
- Presence of excavated or stockpiled material and an estimate of its total volume
- Environmental sampling locations, procedures and copies of the results of any analytical testing at the site
- List of Hazardous Substances at the site
- Discuss if the contamination falls outside of the jurisdiction of the Remediation Regulations, including but not limited to USTs, UICs, and wetlands.

Page 7

- 1.8.3(A)(12) Include the concentration gradients of Hazardous Substances throughout the site for each media impacted by the Release.

Page 13

- 1.8.3(A)(13) Include the methodology and results of any investigation conducted to determine background concentrations of Hazardous Substances identified at the Contaminated-Site (see Section 1.13).

Page 14

- 1.8.3(A)(14) Include a listing and evaluation of the site specific hydrogeological properties which could influence the migration of Hazardous Substances throughout and away from the site, including but not limited to, where appropriate:

- Depth to GW
- Presence and effects of both the natural and man-made barriers to and conduits for contaminant migration
- Characterization of bedrock
- Groundwater contours, flow rates and gradients throughout the site

Page 14

- 1.8.3(A)(15) Include a characterization of the topography, surface water and run-off flow patterns, including the flooding potential, of the site.

Page 14

- 1.8.3(A)(16) Include the potential for Hazardous Substances from the site to volatilize and any and all potential impacts of the volatilization to structures within the site.

Page 14

- 1.8.3(A)(17) Include the potential for entrainment of Hazardous Substances from the site by wind or erosion actions.

Page 14

- 1.8.3(A)(18) Include detailed protocols for all fate and transport models used in the Site Investigation.

Page 15

- 1.8.3(A)(19) Include a complete list of all samples taken, the location of all samples, parameters tested for and analytical methods used during the Site Investigation. (Be sure to include the samples locations and analytical results on a site figure).

Page 15

- 1.8.3(A)(20) Include construction plans and development procedures for all monitoring wells. Well construction shall be consistent with the requirements of the Groundwater Quality Rules.

Page 16

- 1.8.3(A)(21) Include procedures for the handling, storage and disposal of wastes derived from and during the investigation.

Page 17

- 1.8.3(A)(22) Include a quality assurance and quality control evaluation summary report for sample handling and analytical procedures, including, but not limited to, chain-of-custody procedures and sample preservation techniques.

Page 17

- 1.8.3(A)(23) Include any other site-specific factor, that the Director believes, is necessary to make an accurate decision as to the appropriate Remedial Action to be taken at the site.

Page 18

- 1.8.4 Include Remedial Alternatives. The Site Investigation Report shall contain a minimum of **TWO (2)** remedial alternatives other than no action/natural attenuation alternative, unless this requirement is waived by the Department. It should be clear which of these alternatives is most preferable. All alternatives shall be supported by relevant data contained in the Site Investigation Report and consistent with the current and reasonably foreseeable land usage, and documentation of the following:

- Compliance with Section 1.9 (RISK MANGEMENT);
- Technical feasibility of the preferred remedial alternative;
- Compliance with federal, state and local laws or other public concerns; and
- The ability of the Performing Party to perform the preferred remedial alternative.

Page 18

- 1.8.5 **Certification Requirements:** The Site Investigation Report and all associated progress reports shall include the following statements signed by an authorized representative of the party specified:

A statement signed by an authorized representative of the Person who prepared the Site Investigation Report certifying the completeness and accuracy of the information contained in that report to the best of their knowledge; and

A statement signed by the Performing Party responsible for the submittal of the Site Investigation Report certifying that the report is a complete and accurate representation of the site and the Release and contains all known facts surrounding the Release to the best of their knowledge.

Page 21

- 1.8.6 **Progress Reports:** If the Site Investigation is not complete, include a schedule for the submission of periodic progress reports on the status of the investigation and interim reports on any milestones achieved in the project.

Page 22

- **Public Involvement and Notice:** Be prepared to implement public notice requirements per Sections 1.8.7 and 1.8.9 of the Remediation Regulations when the Department deems the Site Investigation Report to be complete.

Indicate if the site falls within an Environmental Justice (EJ) area and, if applicable, include all EJ public notice documentation issued, and the list of recipients.

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