REMEDIAL ACTION REPORT

251 Freestone Avenue
Portland, Connecticut
REM ID #14670 and #14671

September 2023

Ref. No. 105338R05

Prepared for:

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1.0 - INTRODUCTION

Triton Environmental, Inc. (Triton) has prepared this Remedial Action Report (RAR) on behalf of 251 Freestone, LLC to establish an approach for remediation of the soil and groundwater conditions located at the 251 Freestone Avenue property in Portland, Connecticut (the "site"). The location of the site is depicted on Figure 1.

Two Form III Transfer Act filings were submitted to the Department of Energy and Environmental Protection (DEEP) on July 30, 2021 associated with two transfers of the property ownership. CJD Construction, LLC (CJD) is the Certifying Party for the initial transfer from the Connecticut Department of Transportation (CTDOT) to CJD. This filing was assigned Remediation ID #14670. 251 Freestone, LLC is the Certifying Party for the transfer from CJD to 251 Freestone, LLC. This filing was assigned REM ID#14671.

In accordance with Transfer Act requirements, 251 Freestone, LLC is required to investigate site conditions in accordance with prevailing standards and guidelines and to remediate site conditions in accordance with the Remediation Standard Regulations (RSRs).

Site investigation activities, including Phase I, Phase II, and Phase III Environmental Site Assessment (ESA) testing activities, have been completed. Based on these investigations, certain compounds have been identified in site soil and groundwater at concentrations that exceed RSR criteria.

1.1 - Background

Triton recently completed Phase I, Phase II, and Phase III ESAs for the property. During the Phase I ESA, 18 areas of concern (AOCs) were identified. During the Phase II and Phase III ESA (and previous investigations by others) each of these AOCs were investigated and seven release areas were identified, as follows:

RA-1: Release from Former 550 Gallon UST (remediated in 1998)
RA-2: Release from Former 6,000 Gallon UST (remediated in 1998)
RA-3: Low Levels of VOCs at TB-24
RA-4: Historical Fill Deposit
RA-5: Low level PCB Release at Hydraulic Lift
RA-6: Petroleum Release at Oil/Water Separator
RA-7: Low level DDT Release Beneath Building

The detected concentrations within RA-1 and RA-2 have been previously remediated in accordance with the RSRs. The concentrations within RA-3 and RA-5 were determined to exceed RSR criteria and will require some form of remedial action. The detected concentrations in RA-4 and RA-7 were below default RSR criteria and do not require remedial action.

During the Phase III ESA, it appeared that previously identified RA-3 and RA-6 may constitute a single release area. In addition, the low levels of DDT and dieldrin identified at the site (previously identified as RA-7) have been identified in exterior areas of the site as well as beneath the building. Given the consistently low levels and the lack of agricultural history at the site, the identified concentrations of DDT and dieldrin have been attributed to historically placed fill material. Based on these revisions, five release areas have been identified at the site, as follows:

RA-1: Release from Former 550 Gallon UST (remediated in 1998)
RA-2: Release from Former 6,000 Gallon UST (remediated in 1998)
RA-3: Historical Fill Deposit
RA-4: Low level PCB Release at Hydraulic Lift
RA-5: Petroleum Release at Drywell

Based on the initial round of groundwater monitoring completed at the site, a slight exceedance of petroleum hydrocarbons was identified in one of the five bedrock monitoring wells installed at the site. Additional seasonal monitoring will be required to evaluate groundwater quality at the site across seasonal fluctuations.

1.2 - Purpose

The purpose of this RAR is to describe a remediation used to address the impacts in the identified release areas RA-3 and RA-5 in a manner consistent with DEEP RSRs, thereby satisfying Transfer Act requirements.

1.3 - Site Description

The site is a former CTDOT machine shop facility and is located on the south side of Freestone Avenue approximately 575 feet east of the intersection of High Street and Freestone Avenue. Information obtained from the Town of Portland Assessor's Department

indicated that the tax assessment parcel number for 251 Freestone Avenue is Map 020, Lot 0180.

The site consists of an approximately 1.57 acre parcel that is currently vacant and is developed with an industrial building. The ground surface at the site is generally flat, and ground cover consists of asphalt pavement. Portions of the property along the east, south, and west sides are enclosed with a chain-link fence. The area surrounding the site consists of commercial, light industrial, and residential properties.

1.4 - Site History

Based on the available historical documentation, the site appears to have been developed between 1889 and 1895 with an enamel shop associated with the Eastern Tinware Company. Operations conducted at the site appeared to include decorating and striping, storage and dipping, finishing, burning, milling, annealing, pickling, drying, riveting, and enameling. The Eastern Tinware Company reportedly became known as The National Enamel Stamping Company until at least 1912. By 1924, the site was reportedly occupied by the Gildersleeve Coal Company, and the original site buildings constructed in 1895 had been expanded. According to the 1924 Sanborn Map, trucking and fueling operations were present and conducted at the site including at least six aboveground gasoline and oil storage tanks.

By 1939, the site buildings had been razed and a smaller building (later identified as the "cold storage" building) had been constructed in the northwest corner of the site. Based on the Portland Tax Assessor field card, the existing site building was constructed in 1960 and appears on the 1963 Sanborn Map. City directories reportedly identified the site occupant as the State Highway Department from 1961 through at least 2014. The building contained a machine shop, storage, and a stockroom according to a site plan provided by the Client. Based on the aerial photographs, the smaller building located on the northwest corner of the site appeared to have been razed sometime between 1995 and 2005. Since 2005, the site has remained unchanged.

Additional historical information can be found in Triton's September 2021 Phase I ESA Report.

1.5 - Physical Setting

According to the Surficial Geology Map of Connecticut, (Stone, et. al., 1992), the surficial geology of the site is mapped as thin till. Thin till is generally less than 10 to 15 feet thick including areas of bedrock outcrop where till is absent. Predominately upper till; loose to moderately compact, generally sandy, commonly stony.

During drilling activities, the soil material beneath the site generally consisted of reddish silt and sand with varying amounts of coarse gravel and appeared to be reworked native material. A layer of fill material containing ash was identified in multiple borings locations. The fill material was generally less than three feet thick and was underlain by a reddish till (silt).

Based on the Bedrock Geology Map of Connecticut (Rodgers, 1985), bedrock beneath the site is mapped as Portland Arkose, a reddish-brown arkose (brownstone). The depth to bedrock at the site ranges from approximately three to 10 feet below surface grade.

Groundwater at the site has been classified by DEEP as "GB," based on the 2018 Water Quality Classifications Map of Portland, Connecticut. Water classified as "GB" is assumed not suitable for human consumption or other uses without prior treatment.

The water table appears to be located within the bedrock aquifer at depths ranging from 8.44 to 11.55 feet. The direction of groundwater flow in the shallow bedrock aquifer is to the southwest.

2.0 - REGULATORY CRITERIA

The DEEP issued the Remediation Standard Regulations (RSRs) (RCSA Section 22a-133k-1-3) in January 1996 with revisions in 2013 and 2021. The RSRs apply to sites that are either subject to the Connecticut Transfer Act, undergoing Voluntary Remediation, or subject to a DEEP enforcement action. The site is subject to the Connecticut Transfer Act based on a Form III Transfer Act filing that was submitted in April 2019. Therefore the data collected during this assessment has been compared to the criteria contained in the RSRs.

The RSRs outline remedial criteria that are based on the use of the property (industrial/commercial or residential) and groundwater quality (i.e. GA or GB). The site is a commercial property located in a GB groundwater area. However, the use of industrial/commercial criteria requires the recording of an Environmental Use Restriction (EUR) to prohibit future residential use of the site. Therefore, as indicated further in this RAR, an EUR is proposed for the site that will prohibit residential use of the site and render certain soils inaccessible and environmentally isolated.

2.1 - Soil Criteria

The RSRs contain two sets of soil criteria; the Direct Exposure Criteria (DEC) and the Pollutant Mobility Criteria (PMC), as summarized below.

2.1.1 - Direct Exposure Criteria

The DEC are designed to protect human health from the exposure to impacted soils. There are two separate DEC categories that are based on the land use including the residential DEC (RDEC) and the industrial/commercial DEC (IDEC). The DEC apply to soils from surface grade to a depth of 15 feet below surface grade. An EUR will be recorded for the site as part of the remedial approach that will prohibit residential use. Therefore, the soil analytical data has been compared against the IDEC.

2.1.2 - Pollutant Mobility Criteria

The PMC are numerical criteria designed to prevent leaching of contaminants from impacted soils into the underlying groundwater. The RSRs outline PMC for both GA sites (where groundwater is considered to be of drinking water quality) and GB sites

(where groundwater is considered degraded due to land-use activities). As the site is located in a GB area, the GB PMC have been used.

The RSRs contain an exception to the PMC for impacts associated with "polluted material" that includes urban fill containing debris (e.g. coal ash, wood ash, coal fragments, asphalt paving fragments). The fill-related impacts in soil are believed to be eligible for this exception.

2.2 - Additional Polluting Substances

For substances identified in soil or groundwater that do not have criteria specified in the RSRs, the DEEP may approve criteria for these "additional polluting substances." In addition, DEEP will also approve certain alternative Industrial/Commercial Direct Exposure Criteria for certain semi-volatile organic compounds upon request.

The table below also provides the additional and/or alternative criteria that have been used to evaluate the site data. DEEP approval will be sought to use these additional and/or alternative criteria.

Additional Polluting Substances and Alternative Criteria

251 Freestone Avenue - Portland, CT

Compound	IDEC (mg/kg)	GB PMC (mg/kg)
Petroleum Hydrocarbons		
ETPH	--	--
VOCs		
Isopropylbenzene	1,000	5
n-Propylbenzene	1,000	10
2- Chlorotoluene	1,000	28
4- Chlorotoluene	1,000	28
1,3.5-Trimethylbenzene	1,000	28
1,2,4-Trimethylbenzene	1,000	28
sec-Butylbenzene	1,000	70
tert-Butylbenzene	1,000	70
1,2,4-Trichlorobenzene	200	14
4-Isopropyltoluene	1,000	5
n-Butylbenzene	1,000	70
PAHs		
2-Methyl naphthalene	1,000	5.6
Acenaphthene	2,500	84
Benzo(a)anthracene	57*	--
Chrysene	780	1
Benzo(b)fluoranthene	57*	--
Benzo(k)fluoranthene	57*	--
Benzo(a)pyrene	5.7*	--
Indeno(1,2,3-cd)Pyrene	7.8	1
Dibenz(a,h)anthracene	5.7	1
Benzo(g,h,i)Perylene	78	1
Pesticides		
Total DDT[2]	17	0.02
*Alternative criteria. **Used in calculation of optional PMC.		

3.0 - PRE-REMEDIATION CONCEPTUAL SITE MODEL

Triton has reviewed available information regarding the history of the site, the known activities that have been conducted on site, and the available environmental data in order to develop this conceptual site model (CSM).

The subject site consists of an approximately 1.57-acre parcel and was formerly occupied by a CTDOT machine shop. The ground surface at the site is generally flat, and ground cover consists of asphalt pavement. Portions of the property along the east, south, and west sides are enclosed with a chain-link fence. The area surrounding the site consists of commercial, light industrial, and residential properties.

The site contains an approximately 13,300 square foot industrial/commercial building located on the central portion of the site. The eastern, southern, and western portions of the site are paved and used for parking. A suspected drywell and/or oil/water separator is located beneath a concrete pad on the east side of the site building. The interior of the building contains an office space, bathrooms, three partitioned warehouse spaces, a boiler room, and a former parts wash room. An in-ground hydraulic lift is located in the northern portion of the building. Capped floor drains appear to be located throughout the warehouse spaces.

Based on the available historical documentation, the site appears to have been developed between 1889 and 1895 with an enamel shop associated with the Eastern Tinware Company. Historical operations conducted at the site appeared to include decorating and striping, storage and dipping, finishing, burning, milling, annealing, pickling, drying, riveting, and enameling. The Eastern Tinware Company reportedly became known as The National Enamel Stamping Company until at least 1912. By 1924, the site was reportedly occupied by the Gildersleeve Coal Company, and the original site buildings constructed in 1895 had been expanded. According to the 1924 Sanborn Map, trucking and fueling operations were present and utilized at least six gasoline and oil tanks.

By 1939, the site buildings had been razed and a smaller building (later identified as the "cold storage" building had been constructed in the northwest corner of the site. The existing site building was reportedly constructed in 1960 and appears on the 1963 Sanborn Map. The State Highway Department reportedly occupied the site from 1961 through at least 2014. The building contained a machine shop, storage, and a stockroom. Based on aerial photographs, the

smaller building located on the northwest corner of the site appeared to have been razed between 1995 and 2005. Since 2005, the site has remained unchanged.

A total of 18 AOCs were identified at the site during previous phases of work. The majority of these AOCs have been investigated by means of testing during the investigations and the results were used to establish a CSM for the site. During the Phase II ESA, the CSM identified seven release areas:

RA-1: Release from Former 550 Gallon UST (remediated in 1998)
RA-2: Release from Former 6,000 Gallon UST (remediated in 1998)
RA-3: Low Levels of VOCs at TB-24
RA-4: Historical Fill Deposit
RA-5: Low level PCB Release at Hydraulic Lift
RA-6: Petroleum Release at Oil/Water Separator
RA-7: Low level DDT Release Beneath Building

During the Phase III ESA, it appeared that previously identified RA-3 and RA-6 may constitute a single release area. In addition, the low levels of DDT and dieldrin identified at the site (previously identified as RA-7) have been identified in exterior areas of the site as well as beneath the building. Given the consistently low levels and the lack of agricultural history at the site, the CSM was revised to attribute the identified concentrations of DDT and dieldrin to historically placed fill material. Based on these revisions, the CSM was revised to include five release areas, as follows:

RA-1: Release from Former 550 Gallon UST (remediated in 1998)
RA-2: Release from Former 6,000 Gallon UST (remediated in 1998)
RA-3: Historical Fill Deposit
RA-4: Low level PCB Release at Hydraulic Lift
RA-5: Petroleum Release at Oil/Water Separator or Drywell

The updated CSM is summarized in the table on the following page.

Summary of Conceptual Site Model
251 Freestone Avenue – Portland, CT

AOC	Description	Substances of Concern	Potential Release Mechanisms	Testing Conducted?	Release Identified?	Remediation Conducted?	Status (Recommendation)
AOC 1 (RA-1)	Former 550-Gallon Heating Oil UST	ETPH, VOCs, and PAHs	Spills during filling, leaking pipes or UST.	Yes	Yes, ETPH, VOCs, and PAHs	Yes, soil removal in 1998	Remediation complete. Compliance groundwater monitoring needed.
AOC 2 (RA-2)	Former 6,000-Gallon and 4,000-Gallon Heating Oil USTs	ETPH, VOCs, and PAHs	Spills during filling, leaking pipes or UST.	Yes	Yes, ETPH, and VOCs	Yes, soil removal in 1998	Remediation complete. Compliance groundwater monitoring needed.
AOC 3	Historical Industrial Operations (Site-Wide)	ETPH, VOCs, PAHs, and metals	Spills from material handling, leaking hydraulic equipment, leaking floor trenches. Migration to sub-surface via pervious sections of floor or trench drains.	Yes	No – detections attributed to other AOCs	NA	No further action recommended
AOC 4	Former Machine Shop Operations	ETPH, VOCs, PAHs, PCBs, and metals	Spills from material handling, leaking hydraulic equipment, leaking floor trenches. Migration to sub-surface via pervious sections of floor or trenches.	Yes	No - ETPH and PAHs attributed to fill material	NA	No further action recommended
AOC 5	Boiler Room	ETPH and PAHs	Spills from material handling, leaking boiler or associated fuel lines. Migration to sub-surface via pervious sections of floor.	Indirect sampling at TB-8	No - ETPH and PAHs attributed to fill material	NA	No further action recommended

AOC	Description	Substances of Concern	Potential Release Mechanisms	Testing Conducted?	Release Identified?	Remediation Conducted?	Status (Recommendation)
AOC 6	Former Aboveground Gasoline and Oil Tanks	ETPH, VOCs, PAHs, lead	Spills during filling, leaking pipes or from tanks	Yes	No - ETPH and PAHs attributed to fill material	NA	No further action recommended
AOC 7	Former Parts Wash Room	VOCs	Spills from material handling. Migration to sub-surface via pervious sections of floor.	Yes	No	NA	No further action recommended
AOC 8 (RA-3)	Historical Fill (Site-Wide)	ETPH, PAHs, PCBs, and metals	Impacted fill material deposited at surface of site, impacts from paving	Yes	Yes ETPH and PAHs (>RSR) Lead, cadmium, and DDT (<RSR)	No	Some form of remedial action or compliance method needed
AOC 9	Overhead Doors	ETPH, VOCs, PAHs, PCBs, and metals	Spills from material handling. Migration to sub-surface via pervious sections of floor, or through cracks in asphalt at loading dock	Yes	No - ETPH and PAHs attributed to fill material	NA	No further action recommended
AOC 10	Potential Impacts from Former Abutting Rail Lines	ETPH, PAHs, PCBs, metals, and herbicides	Releases from railroad usage, surficial impacts from railroad ties	Yes	No - ETPH and PAHs attributed to fill material	NA	No further action recommended
AOC 11	Potential Impacts from Off-Site Releases	ETPH, VOCs, PAHs, and metals	Off-site releases migrating onto the site via groundwater	Yes	No	NA	No further action recommended
AOC 12 (RA-4)	In-Ground Hydraulic Lift	ETPH, PAHs, PCBs	Releases from leaking hydraulic oil reservoir or from in-ground piston	Yes	No – (PCBs <RSR)	NA	No further action recommended

AOC	Description	Substances of Concern	Potential Release Mechanisms	Testing Conducted?	Release Identified?	Remediation Conducted?	Status (Recommendation)
AOC 13 (RA-5)	Drywell	ETPH, VOCs, and PAHs	Discharges to the dry wells or leaks from the OWS	Yes	Yes (ETPH >RSRs and low level VOCs)	No	Some form of remedial action needed
AOC 14	Emergency Generator Shed	ETPH and PAHs	Spills during filling, leaking fuel tank	No	NA	NA	Direct investigation needed (if possible)
AOC 15	Potential Releases from Exterior Building Components	PCBs, Metals, Asbestos	Releases surficial soil from peeling/chipping paint, leaching from caulks sealants or other materials	Yes	No - ETPH and PAHs attributed to fill material	NA	No further action recommended
AOC 16	Former Septic System	ETPH, VOCs, PAHs, PCBs, and metals	Releases from leaking tanks, piping, and/or discharges to leach field.	Yes	No	NA	No further action recommended
AOC 17	Historical Machine Shop Building	ETPH, VOCs, PAHs, PCBs, and metals	Spills from material handling, leaking hydraulic equipment, leaking floor trenches. Migration to sub-surface via pervious sections of floor or trenches.	Yes	No	NA	No further action recommended
AOC 18	Historical Pesticide Storage	Pesticides	Historical release of liquids released to concrete floor surface. Migration to sub-surface via pervious sections of floor	Yes	No – DDT detections attributed to fill material, not release from drums	No	No further action recommended

As indicated in the CSM above, releases were not identified at AOCs 3, 4, 6, 7, 9, 10 , 11, 15, 16, 17, and 18, and as such, no further action is believed to be needed for these AOCs. Two AOCs (AOCs 5 and 14) were not directly investigated due to logistical concerns. Further evaluation of these AOCs may be needed. Five release areas (RAs) are summarized below. The locations of the RAs are depicted on Figure 3. Soil data is summarized in Table 1.

RA 1 – Release from Former 550 Gallon UST (AOC 1)

A former 550-gallon No. 2 heating oil UST located on the northwest side of the site was removed in December 1998. Although the tank appeared to be in good condition at the time of removal, evidence of petroleum-contaminated pea gravel was observed and subsequently excavated from the tank grave. Post-excavation confirmation soil samples indicated concentrations below RSR criteria. No further remedial action is needed. Compliance groundwater monitoring will be needed.

RA 2 – Release from Former 6,000 Gallon UST (AOC 2)

A former 6,000-gallon No. 2 heating oil UST located on the west side of the site building was removed in December 1998. Although the tank appeared to be in good condition at the time of removal, evidence of petroleum-contaminated soil was observed and soil was subsequently excavated from the tank grave. Post-excavation confirmation soil samples initially indicated the presence of residual PAH-impacted soil at concentrations exceeding DEEP RSR criteria on the north side of the tank grave. This soil was subsequently excavated. Supplemental confirmation soil samples were collected from this area, and the analytical results did not indicate the presence of petroleum impacts at concentrations above RSR criteria. No further remedial action is needed. Compliance groundwater monitoring will be needed.

RA-3 – Fill Related Impacts (AOC 8)

During the Phase II ESA, debris including ash, coal pieces, and asphalt fragments were observed within a layer of historically deposited fill material at the site. The following table provides a summary of the analytes detected in the fill layer. As indicated in the table, the concentrations of PAHs exceeded the IDEC in eight soil samples, and the concentrations of ETPH detected in two samples exceeded the IDEC. The highest concentrations of PAHs and ETPH were detected beneath the building. Elevated concentrations of lead, cadmium, and DDT and dieldrin were also detected at concentrations that appear to be above background, but below RSR criteria.

Summary of Analytes Detected in Fill Layer – AOC 8/RA-3

Compound	Samples Analyzed	Samples with Detections	Min Conc. (mg/kg)	Max. Conc. (mg/kg)
ETPH	51	33	9	3,100
Naphthalene	27	6	0.39	3.0
2-Methyl Naphthalene	27	6	0.32	6.7
Acenaphthylene	27	12	0.52	18
Acenaphthene	27	5	0.38	4.5
Fluorene	27	8	0.37	27
Phenanthrene	27	14	0.69	160
Anthracene	27	13	0.38	31
Fluoranthene	27	14	0.78	170
Pyrene	27	15	0.72	150
Benzo(a)Anthracene	27	14	0.49	74
Chrysene	27	14	0.64	76
Benzo(b)Fluoranthene	27	14	0.71	75
Benzo(k)Fluoranthene	27	13	0.61	28
Benzo(a)Pyrene	27	14	0.52	64
Indeno(1,2,3-cd)Pyrene	27	14	0.34	36
Dibenz(a,h)anthracene	27	11	0.39	11
Benzo(g,h,i)Perylene	27	14	0.38	43
Lead	32	32	3	160
Cadmium	32	8	0.55	1.2
Dieldrin	14	1	.012	.012
Total DDT	14	8	0.0016	0.17

In accordance with the RSRs "polluted material" is defined as "soil that has been historically intermixed with coal ash, wood ash, coal fragments, coal slag, coal clinkers, asphalt fragments (or any combination thereof)." The soil in ETPH and PAH impacted soil in RA-3 meets the definition of polluted material, and as such is eligible for the "Polluted Material" exemption to the PMC contained in the RSRs (Section 22a-133k-2(c)(5)(B)). The detected pesticides in the fill material may not be eligible for the polluted material exemption; however, the detected concentrations of SPLP DDT were below a direct comparison to the applicable GB PMC (10-times the GWPC).

Some form of remedial action and/or compliance method will be needed to address the concentrations of ETPH and PAHs detected in the fill layer. Only the PAH compounds benzo(a)pyrene and indeno(1,2,3-cd)pyrene exceeded the IDEC in at least one sample in exterior areas. However, the 95% UCL for benzo(a)pyrene and indeno (1,2,3-cd)pyrene for the exterior areas at the site is below the IDEC. As such, one potential remedial method for RA-3 would be the recording of an environmental use restriction (EUR) prohibiting disturbance of the impacted soil beneath the building and prohibiting residential use of the site.

RA-4 – Low Level PCB Detection (AOC-12)

A low concentration of PCBs (0.35 mg/kg) was detected in sample TB-1 (0-2'). TB-1 was advanced in the vicinity of an in-ground hydraulic lift (AOC 12). The detected concentration is below the RDEC of 1.0 mg/kg. The limit of the PCB impacts has been delineated and concentrations do not require remedial action. No further action is required.

RA-5 – Petroleum Impact at Drywell (AOC 13)

ETPH was detected at a concentration of 10,000 mg/kg at the location of boring TW-3 (6-8') which was advanced adjacent to the drywell located east of the building. The detected concentration exceeds both the IDEC and the mass-based GB PMC. Low levels of VOCs were also detected at concentrations below RSR criteria.

During the Phase III ESA, the TW-3 (6-8') sample was replicated by sample TB-112 (6-8') which was analyzed for SPLP ETPH. The detected concentration of SPLP ETPH (0.11 mg/L) was well below the applicable GB PMC of 2.5 mg/L (10-times the GWPC). Therefore, the impacts at TW-3 (6-8') comply with the GB PMC.

The horizontal limit of the petroleum impacts at RA-5 were also further delineated with borings TB-24A, TB-100, TB-101, TB-102, TB-111, TB-113, and TB-118 through TB-123. The horizontal limit of the release area appears to extend from the area of the drywell downgradient to the southwest to the location of TB-101 in the direction of groundwater flow. The highest concentrations in the downgradient borings were identified in deeper soil located just above the bedrock surface. ETPH concentrations exceeded the IDEC at the locations of TB-111, 4-6' (3,000 mg/kg), TB-120, 9-10' (4,200 mg/kg) and TB-123, 4-6' (3,300 mg/kg). SPLP testing has indicated that the concentrations of ETPH and VOCs in RA-5 comply with the GB PMC. However, remedial action was required to comply with the IDEC.

4.0 - REMEDIAL APPROACH

The remedial approach for each release area that exceeds RSR criteria is provided below.

4.1 - Public Notice

The RSRs require that public notice is provided prior to the implementation of remedial actions using the following methods: 1) publishing notice in a newspaper of substantial local circulation; 2) providing written notice to the local director of health, and 3) either providing written notice to abutting property owners or by posting a sign at the property.

Public notice was provided prior to the completion of remedial actions at the site in the Middletown Press on November 25, 2022. Letters were sent to the Portland Health Director and First Selectmen on November 22, 2022. Lastly, a sign was erected at the site indicating that remedial actions were in progress. Documentation of the public notices is attached in Appendix A.

To date, no responses have been received from the public regarding the proposed remedial actions.

4.2 - Remedial Approach to Soil Conditions

The remedial approach for each release area that exceeds RSR criteria is provided below.

4.2.1 - Release Area 1 – Releases from 550-Gallon UST

Release Area 1 was previously remediated in accordance with the RSRs. No additional remediation is needed.

4.2.2 - Release Area 2 – Releases from Former 6,000-Gallon UST

Release Area 2 was previously remediated in accordance with the RSRs. No additional remediation is needed.

4.2.3 - Release Area 3 – Fill Related Impacts

Based on the 95% upper confidence level (UCL) calculations completed by Triton for RA-3, the 95% UCL for compounds of concern associated with RA-3 exceeds the IDEC when the entire release area is evaluated. However, if only the soil concentrations

in exterior areas (outside of the building footprint) are evaluated, concentrations exceed the RDEC but comply with the IDEC. As such, the approach for RA-3 involves the recording of an EUR for inaccessible soil (for the portion of the release area located beneath the building). The EUR will also prohibit residential use of the site, thereby allowing a comparison of conditions to the IDEC.

4.2.4 - Release Area 4 – Low Level PCB Detection

The concentrations identified in RA-4 are below all applicable RSR criteria. Remedial action is not required.

4.2.5 - Release Area 5 – Petroleum Impact at Northern Drywell

The ETPH impacted soil in RA-5 exceeds IDEC and GB PMC of 2,500 mg/kg. In addition, the remediation will also address soil with elevated levels of VOCs in the southern portion of the release area. Excavation and off-site disposal of the soil that exceeds the IDEC and GB PMC was completed for RA-5 as summarized in Section 5.0.

4.2.6 - Release Area 6 – Petroleum Impact at Southern Drywell

As indicated in Section 5.0, a second drywell was identified during the remedial actions and petroleum impacted soil were identified. This was added as a sixth release area, separate from RA-6. The impacted soil associated with RA-6 was excavated and disposed off-site (See Section 5.0)

4.3 - Environmental Use Restriction

As presented in detail in the RAP, an Environmental Use Restriction (EUR) will be recorded on the Town of Portland land records as part of the overall remedial approach. Specifically, a Notice of Activity and Use Limitation (NAUL) is proposed. The proposed NAUL will prohibit residential use of the property and will prohibit disturbance of inaccessible soil (exceeding the IDEC) that will be left in place beneath the building (RA-3). The proposed subject areas of the EUR are shown on Figure 5.

4.4 - Proposed Remedial Approach to Groundwater Conditions

Groundwater conditions at the site (based on the initial round of groundwater monitoring) comply with the RSRs other than a slight exceedance for ETPH (0.29 mg/L) at the location

of bedrock monitoring well BR-2. The source of the identified ETPH at BR-2 is the petroleum impacted soil in RA-5 (targeted for removal). Given the slight nature of the exceedance (0.29 mg/L versus 0.25 mg/L) and the intended source area removal, physical remediation of groundwater conditions is not anticipated to be necessary. Monitored natural attenuation (MNA) is the selected remedial method for groundwater conditions.

4.4.1 - Monitoring and Data Evaluation Plan

The purpose of MNA is to observe the reduction in groundwater concentrations at the site over time following active remediation. The primary purposes of the monitoring include:

- Demonstrate that natural attenuation is occurring according to predictions;
- Detect changes in environmental conditions (i.e., hydrogeologic, geochemical, microbiological, or other changes) that may reduce the efficacy of natural attenuation;
- Verify that the plume(s) is not expanding or increasing in concentration;
- Verify the lack of unacceptable impact to downgradient receptors;
- Detect new releases of COCs to the environment that could impact the effectiveness of the natural attenuation remedy;
- Demonstrate the efficacy of institutional controls that were put in place to protect potential receptors; and
- Verify attainment of remediation objectives.

Initially, the MNA plan will coincide with the quarterly compliance monitoring which will be implemented across the site. The groundwater data collected in accordance with the plan above will be evaluated for trends.

4.4.2 - Conceptual Contingency Remedies

To identify when contingency remedies might be needed, Triton will evaluate the MNA groundwater data for potential indications of unacceptable performance of the MNA. Such indications will include, but not be limited to, the following:

- Groundwater COC concentrations at specified locations exhibit an increasing trend not originally predicted during remedy selection;

- COCs are identified in monitoring wells located beyond the original plume boundary, signifying an expanding or migrating plume;

- COC concentrations are not decreasing at a sufficient rate to meet the remediation objectives; and

- Changes in land and/or groundwater use that may adversely affect the protectiveness of the MNA remedy.

Should one or more of these indicators suggest that the MNA may no longer be protective of human health or the environment, or is not reducing concentrations at the predicted rate, the need for alternative remedial actions will be assessed.

5.0 - REMEDIATION ACTIVITIES

The following sections summarize the tasks conducted to remediate impacted soil in excess of the IDEC and GA PMC in the release area. The locations of the excavations and confirmatory soil samples are depicted on Figure 4. Photographs of the remediation activities are provided in Appendix B.

Initial excavation of northern portion of RA-5 began on January 5, 2023 and was completed on January 6, 2023. During the remediation, a drywell constructed of cinderblocks and dug to bedrock was removed from the excavation areas. Excavation-1 was completed to remove the IDEC exceedances in the ETPH impacted soil previously detected in the TW-3 (6-8'), TB-111 (4-6'), and TB-120 (9-10') samples. The top four to six feet of soil was screened using a photo ionization detector (PID) and stockpiled for reuse. Slight staining and petroleum odors were present from approximately 5-10 feet with deeper soils exhibiting greater staining and higher PID readings. The initial excavation removed soil in an approximately 20' x 25' area and was excavated to bedrock at approximately 10 feet below surface grade. Four confirmation side wall samples (S-1 through S-4) were collected at the depths exhibiting the greatest impact (between 7-10 feet) and analyzed for ETPH. Sidewall sample S-2 (7-10') exceeded IDEC for ETPH. On January 20, 2023, the excavation was extended approximately five feet to the west and a new sidewall sample S-2A (8-10') was collected and analyzed for ETPH, which was not detected at a concentration above the laboratory reporting limits. The final excavation dimensions were approximately 25' x 25' x10'. The confirmatory sample data is summarized in Table 2. The confirmatory soil sample analytical reports are provided in Appendix C.

During the excavation of the southern impacted area, a second dry well was discovered. The presence of this dry well was not previously known. Given that soil impacts were not detected at the locations of TB-121 and TB-122, this second dry well appears to have been a discrete source of impacts, and was subsequently identified as both AOC 19 and RA-6. Excavation of RA-6 was completed to remove the IDEC exceedances of ETPH and VOC impacted soil previously detected in the TB-123 (4-6') sample. The initial excavation removed soil in an approximately 20' x 24' area and was excavated to approximately 6.5 feet below surface grade. The northeast corner of the RA-6 excavation was limited by bedrock. Bedrock depths in the excavation area ranged from approximately five feet in the northeast corner to eight feet along the western sidewall. Four confirmation side wall samples (S-5 through S-8) and one bottom sample (B-1)

were collected at the depths exhibiting the greatest impact; between 2-6.5 feet below surface grade and analyzed for ETPH and VOCs. All four sidewall samples and the bottom sample exceeded the GB PMC for several VOC compounds, additionally side wall sample S-8 (2-5') and bottom sample B-1 (6.5') exceeded the IDEC and GB PMC for ETPH. On January 20, 2023, the excavation was extended approximately five feet in all directions. Additional soil was removed from the bottom of the excavation until bedrock was encountered. The final excavation dimensions were approximately 25' x 30' x 8'. The southeast corner of the excavation was limited by bedrock ledge that protruded into the excavation area. Four confirmation sidewall samples (S-5A through S-8A) were collected at depths exhibiting the greatest impact. The samples were analyzed for VOCs and SPLP VOCs, sample S-8A was also analyzed for ETPH.

The excavated soils from both RA-5 and RA-6 were stockpiled on site pending offsite disposal. In total, 251.93 tons of soil was removed from the site and disposed at the Plainville Landfill Closure facility in Plainville, Connecticut. A copy of the soil disposal summary documentation is provided in Appendix D.

6.0 - STATISTICAL ANALYSES – RA-3 (EXTERIOR)

As indicated in Table 1, several PAH compounds as well as ETPH exceeded the IDEC numerical criteria in one or more samples collected from within the fill deposit identified across the site. When evaluating the data, it was evident that PAH concentrations were higher in fill material located below the building compared to PAH concentrations in exterior areas. Given the elevated concentrations in certain samples collected beneath the building (including TB-3, TB-4 and TB-5), compliance could not be demonstrated statistically using the entire site-wide data set. The following sections summarize a statistical evaluation of fill-related impacts identified in exterior areas at the site (outside of the building footprint).

In accordance with the RSRs at RCSA 22a-133k-2(e)(1), compliance with a direct exposure criterion is achieved when (A) the ninety-five percent upper confidence level of the arithmetic mean of a statistically representative sampling data set of all laboratory analytical results for such substance from the subject release area consisting of 10 or more soil samples is equal to or less than such criterion or (B) the results of all laboratory analyses of samples from the subject release area are equal to or less than the applicable direct exposure criterion.

When the exterior fill material samples are evaluated, two PAH compounds (benzo(a)pyrene and indeno(1,2,3-cd)pyrene) exceeded a direct comparison to the IDEC numerical criteria. Therefore, Triton calculated the ninety-five percent upper confidence level of the arithmetic mean ("95% UCL") for benzo(a)pyrene and indeno(1,2,3-cd)pyrene from samples collected within the fill layer from exterior locations.

6.1 - Addressing Non-Detects

It is quite common for fill-related impacts to be spatially heterogeneous with non-detect results (samples with results below the laboratory reporting limit) occurring sporadically within the overall limits of the release area. As such, all samples collected from within the fill layer were utilized (including non-detect results). The ProUCL software used to calculate the 95% UCL values was utilized to perform a "regression on order (ROO)" analysis where the non-detect values were replaced with values generated to match the distribution of the remaining data set.

6.2 - Statistical DQOs

The following sections discuss the statistical data quality objectives (DQOs) used in the 95% UCL calculations.

6.2.1 - Randomness of the Data Set

As indicated in Figure 2, the soil sampling conducted at the site provides a relative random grid of sample locations across exterior portions of the subject site.

6.2.2 - Strength of the Data Set

The data set included 21 samples collected in exterior areas, which is considered to be strong and representative data sets.

6.3 - Results of 95% UCL Calculations – RA-3

Using the data set representative of the exterior fill material samples, Triton calculated the 95% UCL value for benzo(a)pyrene and indeno(1,2,3-cd)pyrene. The analysis was completed using the ProUCL software (version 5.19). The results of the calculations are summarized in the table below.

Compound	95% UCL - Exterior (mg/kg)	IDEC
Benzo(a)pyrene	4.963	5.7
Indeno(1,2,3-cd)pyrene	3.026	7.8
IDEC = Industrial/Commercial Direct Exposure Criteria		

As indicated, the calculated 95% UCL values for benzo(a)pyrene (4.963 mg/kg) and indeno(1,2,3-cd)perylene (3.026 mg/kg) were below their respective IDEC of 7.8 mg/kg and 2,500 mg/kg. Documentation of the statistical analysis (including the ProUCL worksheets) are provided in Triton's Phase III ESA report.

Based on the statistical evaluation, if an Environmental Use Restriction (EUR) is recorded that prohibits disturbance of the inaccessible (PAH and ETPH impacted) soil located beneath the building, the concentrations in the fill layer (RA-3) would comply with the IDEC.

7.0 - POST-REMEDIATION CONCEPTUAL SITE MODEL

Triton has reviewed available information regarding the history of the site, the known activities that have been conducted on site, and the available environmental data in order to develop this conceptual site model (CSM).

A total of 18 AOCs were identified at the site during previous phases of work. The majority of these AOCs have been investigated by means of testing during the investigations and the results were used to establish a CSM for the site. During the Phase II ESA, the CSM identified seven release areas:

RA-1: Release from Former 550 Gallon UST (remediated in 1998)
RA-2: Release from Former 6,000 Gallon UST (remediated in 1998)
RA-3: Low Levels of VOCs at TB-24
RA-4: Historical Fill Deposit
RA-5: Low level PCB Release at Hydraulic Lift
RA-6: Petroleum Release at Oil/Water Separator
RA-7: Low level DDT Release Beneath Building

During the Phase III ESA, it appeared that previously identified RA-3 and RA-6 may constitute a single release area. In addition, the low levels of DDT and dieldrin identified at the site (previously identified as RA-7) have been identified in exterior areas of the site as well as beneath the building. Given the consistently low levels and the lack of agricultural history at the site, the CSM was revised to attribute the identified concentrations of DDT and dieldrin to historically placed fill material. Based on these revisions, the CSM was revised to include five release areas, as follows:

RA-1: Release from Former 550 Gallon UST (remediated in 1998)
RA-2: Release from Former 6,000 Gallon UST (remediated in 1998)
RA-3: Historical Fill Deposit
RA-4: Low level PCB Release at Hydraulic Lift
RA-5: Petroleum Release at Oil/Water Separator or Drywell

During the remediation of impacted soils associated with RA-5, the presence of a dry well was confirmed, and the presence of a second dry well was identified south of RA-5 that appears to be a discrete source of other soil impacts. This second dry well has now been identified as AOC 19 and RA-6. The updated CSM is summarized in the table on the following page.

Summary of Conceptual Site Model
251 Freestone Avenue – Portland, CT

AOC	Description	Substances of Concern	Potential Release Mechanisms	Testing Conducted?	Release Identified?	Remediation Conducted?	Status (Recommendation)
AOC 1 (RA-1)	Former 550-Gallon Heating Oil UST	ETPH, VOCs, and PAHs	Spills during filling, leaking pipes or UST.	Yes	Yes, ETPH, VOCs, and PAHs	Yes, soil removal in 1998	Remediation complete. Compliance groundwater monitoring needed.
AOC 2 (RA-2)	Former 6,000-Gallon and 4,000-Gallon Heating Oil USTs	ETPH, VOCs, and PAHs	Spills during filling, leaking pipes or UST.	Yes	Yes, ETPH, and VOCs	Yes, soil removal in 1998	Remediation complete. Compliance groundwater monitoring needed.
AOC 3	Historical Industrial Operations (Site-Wide)	ETPH, VOCs, PAHs, metals, and pesticides	Spills from material handling, leaking hydraulic equipment, leaking floor trenches. Migration to sub-surface via pervious sections of floor or trench drains.	Yes	No – detections attributed to other AOCs	NA	No further action recommended
AOC 4	Former Machine Shop Operations	ETPH, VOCs, PAHs, PCBs, and metals	Spills from material handling, leaking hydraulic equipment, leaking floor trenches. Migration to sub-surface via pervious sections of floor or trenches.	Yes	No - ETPH and PAHs attributed to fill material	NA	No further action recommended
AOC 5	Boiler Room	ETPH and PAHs	Spills from material handling, leaking boiler or associated fuel lines. Migration to sub-surface via pervious sections of floor.	Indirect sampling at TB-8	No - ETPH and PAHs attributed to fill material	NA	No further action recommended

AOC	Description	Substances of Concern	Potential Release Mechanisms	Testing Conducted?	Release Identified?	Remediation Conducted?	Status (Recommendation)
AOC 6	Former Aboveground Gasoline and Oil Tanks	ETPH, VOCs, PAHs, lead	Spills during filling, leaking pipes or from tanks	Yes	No - ETPH and PAHs attributed to fill material	NA	No further action recommended
AOC 7	Former Parts Wash Room	VOCs	Spills from material handling. Migration to sub-surface via pervious sections of floor.	Yes	No	NA	No further action recommended
AOC 8 (RA-3)	Historical Fill (Site-Wide)	ETPH, PAHs, PCBs, and metals	Impacted fill material deposited at surface of site, impacts from paving	Yes	Yes - ETPH and PAHs (>RSR) Lead, cadmium, and DDT (<RSR)	No	EUR needed for inaccessible soil beneath building. Exterior soil complies with RSRs
AOC 9	Overhead Doors	ETPH, VOCs, PAHs, PCBs, and metals	Spills from material handling. Migration to sub-surface via pervious sections of floor, or through cracks in asphalt at loading dock	Yes	No - ETPH and PAHs attributed to fill material	NA	No further action recommended
AOC 10	Potential Impacts from Former Abutting Rail Lines	ETPH, PAHs, PCBs, metals, and herbicides	Releases from railroad usage, surficial impacts from railroad ties	Yes	No - ETPH and PAHs attributed to fill material	NA	No further action recommended
AOC 11	Potential Impacts from Off-Site Releases	ETPH, VOCs, PAHs, and metals	Off-site releases migrating onto the site via groundwater	Yes	No	NA	No further action recommended
AOC 12 (RA-4)	In-Ground Hydraulic Lift	ETPH, PAHs, PCBs	Releases from leaking hydraulic oil reservoir or from in-ground piston	Yes	Yes – (PCBs <RSR)	NA	No further action recommended

AOC	Description	Substances of Concern	Potential Release Mechanisms	Testing Conducted?	Release Identified?	Remediation Conducted?	Status (Recommendation)
AOC 13 (RA-5)	Northern Drywell	ETPH, VOCs, and PAHs	Discharges to the dry wells or leaks from the OWS	Yes	Yes (ETPH >RSRs and low level VOCs)	Yes	No further remediation needed. EUR and groundwater monitoring needed.
AOC 14	Emergency Generator Shed	ETPH and PAHs	Spills during filling, leaking fuel tank	No	NA	NA	Direct investigation needed (if possible)
AOC 15	Potential Releases from Exterior Building Components	PCBs, Metals, Asbestos	Releases surficial soil from peeling/chipping paint, leaching from caulks sealants or other materials	Yes	No - ETPH and PAHs attributed to fill material	NA	No further action recommended
AOC 16	Former Septic System	ETPH, VOCs, PAHs, PCBs, and metals	Releases from leaking tanks, piping, and/or discharges to leach field.	Yes	No	NA	No further action recommended
AOC 17	Historical Machine Shop Building	ETPH, VOCs, PAHs, PCBs, and metals	Spills from material handling, leaking hydraulic equipment, leaking floor trenches. Migration to sub-surface via pervious sections of floor or trenches.	Yes	No	NA	No further action recommended
AOC 18	Historical Pesticide Storage	Pesticides	Historical release of liquids released to concrete floor surface. Migration to sub-surface via pervious sections of floor	Yes	No – DDT detections attributed to fill material, not release from drums	No	No further action recommended
AOC 19 (RA-6)	Southern Drywell	ETPH, VOCs, and PAHs	Spills during pumping, leaking pipes or from tanks	Yes	Yes (ETPH >RSR)	Yes	No further remediation needed. EUR and groundwater monitoring needed.

As indicated in the CSM above, releases were not identified at AOCs 3, 4, 6, 7, 9, 10 , 11, 15, 16, 17, and 18, and as such, no further action is believed to be needed for these AOCs. Two AOCs (AOCs 5 and 14) were not directly investigated due to logistical concerns. Further evaluation of these AOCs may be needed. Six (RAs) have been identified, as summarized below. The soil data is summarized in Table 1.

RA 1 – Release from Former 550 Gallon UST (AOC 1)

A former 550-gallon No. 2 heating oil UST located on the northwest side of the site was removed in December 1998. Although the tank appeared to be in good condition at the time of removal, evidence of petroleum-contaminated pea gravel was observed and subsequently excavated from the tank grave. Post-excavation confirmation soil samples indicated concentrations below RSR criteria. No further remedial action is needed. Compliance groundwater monitoring will be needed.

RA 2 – Release from Former 6,000 Gallon UST (AOC 2)

A former 6,000-gallon No. 2 heating oil UST located on the west side of the site building was removed in December 1998. Although the tank appeared to be in good condition at the time of removal, evidence of petroleum-contaminated soil was observed and soil was subsequently excavated from the tank grave. Post-excavation confirmation soil samples initially indicated the presence of residual PAH-impacted soil at concentrations exceeding DEEP RSR criteria on the north side of the tank grave. This soil was subsequently excavated. Supplemental confirmation soil samples were collected from this area, and the analytical results did not indicate the presence of petroleum impacts at concentrations above RSR criteria. No further remedial action is needed. Compliance groundwater monitoring will be needed.

RA-3 – Fill Related Impacts (AOC 8)

During the Phase II ESA, debris including ash, coal pieces, and asphalt fragments was observed within a layer of historically deposited fill material present at the site. The concentrations of PAHs exceeded the IDEC in eight soil samples, and the concentrations of ETPH detected in two samples exceeded the IDEC. The highest concentrations of PAHs and ETPH were detected beneath the building. Elevated concentrations of lead, cadmium, and DDT and dieldrin were also detected at concentrations that appear to be above background, but below RSR criteria.

In accordance with the RSRs "polluted material" is defined as "soil that has been historically intermixed with coal ash, wood ash, coal fragments, coal slag, coal clinkers, asphalt fragments (or any combination thereof)." The soil in ETPH and PAH impacted soil in RA-3 meets the definition of polluted material, and as such is eligible for the "Polluted Material" exemption to the PMC contained in the RSRs (Section 22a-133k-2(c)(5)(B)). The detected pesticides in the fill material may not be eligible for the polluted material

exemption; however, the detected concentrations of SPLP DDT were below a direct comparison to the applicable GB PMC (10-times the GWPC).

Only the PAH compounds benzo(a)pyrene and indeno(1,2,3-cd)pyrene exceeded the IDEC in at least one sample in exterior areas. However, the 95% UCL for benzo(a)pyrene and indeno (1,2,3-cd)pyrene for the exterior areas at the site is below the IDEC. As such, an environmental use restriction (EUR) will be recorded prohibiting disturbance of the impacted soil beneath the building and prohibiting residential use of the site.

RA-4 – Low Level PCB Detection (AOC-12)

A low concentration of PCBs (0.35 mg/kg) was detected in sample TB-1 (0-2'). TB-1 was advanced in the vicinity of an in-ground hydraulic lift (AOC 12). The detected concentration is below the RDEC of 1.0 mg/kg. The limit of the PCB impacts has been delineated and concentrations do not require remedial action. No further action is required.

RA-5 – Petroleum Impact at Northern Drywell (AOC 13)

ETPH was detected at a concentration of 10,000 mg/kg at the location of boring TW-3 (6-8') which was advanced adjacent to the drywell located east of the building. The detected concentration exceeds both the IDEC and the mass-based GB PMC. Low levels of VOCs were also detected at concentrations below RSR criteria.

During the Phase III ESA, the TW-3 (6-8') sample was replicated by sample TB-112 (6-8') which was analyzed for SPLP ETPH. The detection concentration of SPLP ETPH (0.11 mg/L) was well below the applicable GB PMC of 2.5 mg/L (10-times the GWPC). Therefore, the impacts at TW-3 (6-8') comply with the GB PMC.

The dry well was removed and ETPH impacted soil surrounding the former drywell was excavated to the top of bedrock. Confirmatory soil samples collected from the excavation sidewalls demonstrated that soil in excess of the IDEC had been successfully removed. No further remediation of this area is recommended. However, an EUR will be needed prohibiting residential use of the site. Groundwater monitoring representative of seasonal variation will also be needed.

RA-6 – Petroleum Impact at Southern Drywell (AOC 19)

ETPH was detected at a concentration of 3,300 mg/kg at the location of boring TB-123 (4-6). The detected concentration exceeds both the IDEC and the mass-based GB PMC. Low levels of VOCs were also detected at concentrations below RSR criteria. At the TB-24 location. It initially appeared that this impact was associated with RA-5; however, upon excavation, a second dry well was identified adjacent to the TB-123 location.

The dry well was removed and ETPH impacted soil surrounding the former drywell was excavated to the top of bedrock. Confirmatory soil samples collected from the excavation sidewalls demonstrated that soil in excess of the IDEC had been successfully removed. No further remediation of this area is recommended. However, an EUR will be needed

prohibiting residential use of the site. Groundwater monitoring representative of seasonal variation will also be needed.

8.0 - CONCLUSIONS

Triton has prepared this Remedial Action Report in order to document the remediation of impacted soil at the 251 Freestone Avenue property in Portland, Connecticut. Remediation via excavation and off-site disposal was determined to be the most prudent form of remediation for two release areas, combined with a EUR that will prohibit residential use of the property and prohibit disturbance of certain inaccessible soils that will be left in place. Triton prepared a RAP, dated January 2023, and implemented soil excavation in accordance with the RAP January 2023. In January 2023, a total of 251.93 tons of petroleum and VOC impacted soil was excavated and disposed offsite. Confirmatory samples collected from the excavation limits confirmed the successful removal of soils containing concentrations of impacts above the IDEC and GB PMC. An EUR prohibiting residential use of the site must be recorded on the land records in order to demonstrate compliance with RSR criteria for soils. Quarterly groundwater monitoring representative of seasonal variation at each of the six identified release areas is also needed to achieve compliance with the RSRs and Transfer Act requirements.

Direct investigation of AOCs 5 and 14 has also yet to be completed. Some form of investigation of these areas will be needed to satisfy Transfer Act obligations.

9.0 - REFERENCES

1. DEEP RSR (Sections 22a-133k-1, 22a-133k-2, 22a-133k-3 and Appendices A through G), dated March 2021.
2. "Site Characterization Guidance Document," by the Connecticut Department of Energy and Environmental Protection, dated December 2010.
3. Phase I Environmental Site Assessment by Triton Environmental, Inc. dated September 2021.
4. Phase II ESA, Triton Environmental, Inc., March 2022.
5. Phase III ESA, Triton Environmental, Inc., December 2022.
6. Remedial Action Plan, Triton Environmental, Inc. January 2023.

10.0 - LIMITATIONS

Where visual observations have been included in this report, they represent conditions at the time of the site inspection, and may not be indicative of past or future site conditions.

In completing this Remedial Action Report, Triton has relied upon information provided by subcontractors (i.e. laboratories). Triton provides no warranty regarding the accuracy and completeness of the information provided by these subcontractors. This Remedial Action Report has been developed solely to address known impacts at the site. Analyses of chemical constituents selected by Triton in formulating the site investigation activities have been performed, however, it is understood that additional chemical constituents not searched for during the site activities may be present in soil, groundwater, or surface water at this site.

The Remedial Action Report has specifically addressed on-site environmental conditions. The conclusions and recommendations contained in this report are based in part upon the observations and the data obtained from a limited number of soil and groundwater samples obtained from sample locations selected by Triton in formulating the site investigation. The nature and extent of variations between these sample locations may not be evident from the data obtained. Off-site conditions have not been evaluated at this time, and therefore, the remedial activities described in this report have not taken into account off-site conditions.

This Remedial Action Report provides a recommended approach to the remediation of identified impacts at the site, based on accepted industry standards and engineering principles. No guarantee can be provided that the remedial measures outlined in this document will remove all impacts at the site. The remedial plan outlines in this RAP will leave impacted soil at depth below the site with restrictions preventing disturbance of these soils.

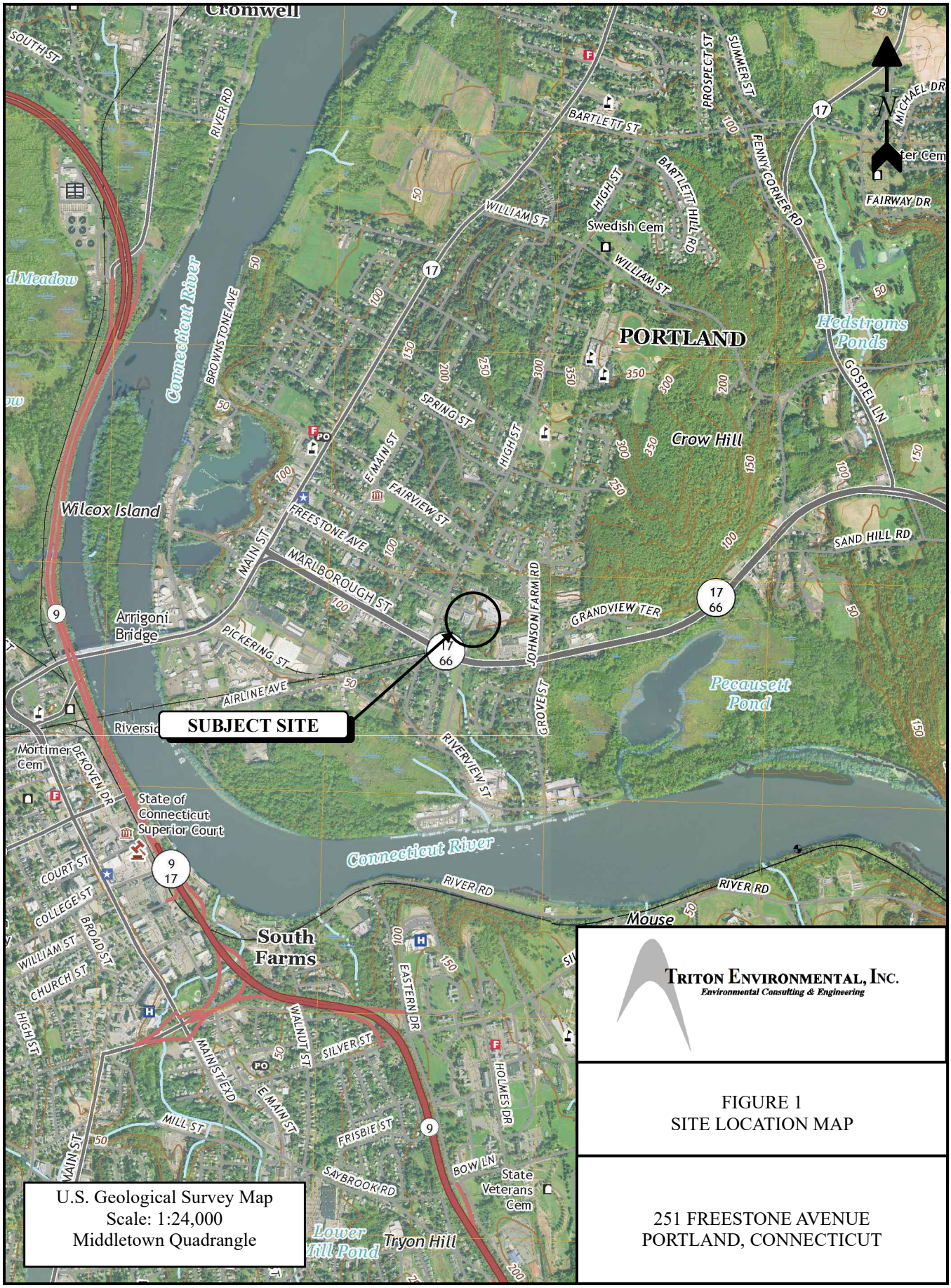
This Remedial Action Report was prepared specifically for 251 Freestone, LLC. No person or other body shall be entitled to rely upon or use information presented in this Report without written consent of 251 Freestone, LLC and Triton Environmental, Inc.

11.0 - SIGNATURES OF REPORT AUTHORS

This report has been prepared by Triton Environmental, Inc. The names listed below are the principal authors of this report. Requests for information regarding the content of this report should be directed to those individuals.

J. Carver Glezen, LEP
Senior Vice President

FIGURES



U.S. Geological Survey Map
Scale: 1:24,000
Middletown Quadrangle

TRITON ENVIRONMENTAL, INC.
Environmental Consulting & Engineering

FIGURE 1
SITE LOCATION MAP

251 FREESTONE AVENUE
PORTLAND, CONNECTICUT

Printed from TOPO! ©1998 Wildflower Productions
P:\^PROJECTS\105000\105300-349\105338\TOPO\105338-TOPO-FIG1-

REV.	DESCRIPTION	APP'D	DATE
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LEGEND

- PROPERTY LINE
- ▼ EAST — SOIL SAMPLE BY OTHERS
- ○ FD — FLOOR DRAIN
- ● FORMER DRYWELL
- ▬ FORMER SEPTIC TANK
- ● FORMER LEACHING WELL
- ⊕ TRITON MONITORING WELL
- ● TRITON SOIL BORING
- ▼ EXTERIOR SURFACE SOIL SAMPLE

ELITE TRANSFORMATIONS

APEX AUTOMOTIVE

PRESENT FREESTONE AVENUE (PRIVATE WAY)

PRECISION PLASTIC PRODUCTS

RESIDENTIAL AND COMMERCIAL OFFICES

AOC-1 FORMER 550-GAL. HEATING OIL UST

AOC-2 FORMER 6,000 & 4,000 GAL. HEATING OIL USTs (SAME LOCATION)

AOC-3 HISTORICAL INDUSTRIAL OPERATIONS (SITE-WIDE)

AOC-4 FORMER MACHINE SHOP OPERATIONS

AOC-5 BOILER ROOM

AOC-6 FORMER ABOVEGROUND GASOLINE AND OIL TANKS

AOC-7 FORMER PARTS WASH ROOM

AOC-8 POTENTIAL HISTORICAL FILL (SITE-WIDE)

AOC-9 OVERHEAD DOORS

AOC-10 POTENTIAL IMPACTS FROM FORMER ABUTTING RAIL LINES

AOC-11 POTENTIAL IMPACTS FROM OFF-SITE RELEASES

AOC-12 IN-GROUND HYDRAULIC LIFT

AOC-13 FORMER DRYWELL SYSTEM

AOC-14 EMERGENCY GENERATOR SHED (PROPANE FUELED)

AOC-15 POTENTIAL RELEASES FROM EXTERIOR BUILDING COMPONENTS

AOC-16 FORMER SEPTIC SYSTEM (TANK AND LEACHING WELLS)

AOC-17 HISTORICAL MACHINE SHOP BUILDING

AOC-18 HISTORICAL PESTICIDE STORAGE

AOC-19 FORMER DRYWELL SYSTEM

HISTORICAL MACHINE SHOP BUILDING

FORMER "WELD SHOP"

FORMER "BUCKET SHOP"

FORMER "MAIN SHOP"

BRICK BUILDING

STORAGE · OFFICE · HALLWAY · LAV. · LOCKER ROOM · BOILER ROOM · ELEC. CLOSET

EMERGENCY GENERATOR SHED (PROPANE FUELED)

PMF-NW1 · PMF-WW-1 · PMF-EW-1 · PMF-SW-1

(2018 REMOVAL OF 4,000-GAL. UST)

BOTTOM NORTH · NORTH · WEST · EAST · SOUTH · BOTTOM SOUTH

(1998 REMOVAL OF 6,000-GAL. UST)

TB-1 TB-1A TB-2 TB-3 TB-4 TB-5 TB-6 TB-6A TB-7 TB-8 TB-9 TB-10 TB-11 TB-12 TB-13 TB-14 TB-15 TB-16 TB-16A TB-17 TB-18 TB-19 TB-21 TB-22 TB-23 TB-24 TB-24A TB-100 TB-101 TB-102 TB-103 TB-104 TB-105 TB-106 TB-107 TB-108 TB-111 TB-112 TB-113 TB-114 TB-115 TB-116 TB-117 TB-118 TB-119 TB-120 TB-121 TB-122 TB-123 TB-124 TB-125 (10.2')

BR-1 BR-2 BR-3 BR-4 BR-5 TW-3 TW-5 TW-6

SS-1 SS-2 SS-3 SS-4 SS-6 SS-7 SS-8

FD

NOTES:

1. THE LOCATION OF ALL STRUCTURES, EQUIPMENT, DELINEATIONS AND OTHER FEATURES PRESENTED ON THIS DRAWING SHOULD BE CONSIDERED APPROXIMATE. THIS DRAWING SHOULD ONLY BE USED FOR GENERAL PRESENTATION PURPOSES AND SHOULD NOT BE USED FOR CONSTRUCTION PURPOSES. TRITON MAKES NO WARRANTY AS TO THE CORRECTNESS OR THE COMPLETENESS OF THE INFORMATION CONTAINED IN THIS DRAWING, AND THE USER ASSUMES ALL RISK OF LOSS TO PERSONS AND PROPERTY FROM RELIANCE THEREON.

2. BASE MAP INFORMATION IS FROM A COMPILATION PLAN PREPARED BY THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION; DATED: NOVEMBER 2019; SCALE: 1"=20'.

APPROXIMATE SCALE

20 0 10 20 40

(IN FEET)
1 inch = 20 ft.

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FIGURE 2
SITE PLAN SHOWING
AREAS OF CONCERN AND SAMPLING LOCATIONS

REMEDIAL ACTION REPORT

251 FREESTONE AVENUE
PORTLAND, CONNECTICUT

DRAWN BY: FSM	APPROVED BY: JCG	
DATE: 8/17/23	SCALE: 1"=20'	FILE No.: 105338-RAR-04

P:\CAD\DRAWINGS\105000\105338\FIGURES\RAR\105338-RAR-04.DWG
Layout:FIG 2

REV.	DESCRIPTION	APP'D	DATE
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ELITE TRANSFORMATIONS

APEX AUTOMOTIVE

PRESENT FREESTONE AVENUE
(PRIVATE WAY)

RELEASE AREA-1
REPORTED PETROLEUM RELEASE
REMEDIATION COMPLETED
(< RSRs)

RELEASE AREA-2
REPORTED PETROLEUM RELEASE
REMEDIATION COMPLETED
(< RSRs)

RELEASE AREA-3
HISTORICAL FILL DEPOSIT
(PAHs AND ETPH > RSRs)
(METALS AND PESTICIDES < RSRs)

RELEASE AREA-4
LOW LEVEL PCB RELEASE
(< RSRs)

RELEASE AREA-5
ETPH AND VOCs

RELEASE AREA-6
ETPH AND VOCs

HISTORICAL MACHINE SHOP BUILDING

PRECISION PLASTIC PRODUCTS

FORMER "WELD SHOP"

FORMER "BUCKET SHOP"

BRICK BUILDING

FORMER "MAIN SHOP"

STORAGE

OFFICE

HALLWAY

LAV.

LOCKER ROOM

BOILER ROOM

ELEC. CLOSET

EMERGENCY GENERATOR SHED
(PROPANE FUELED)

RESIDENTIAL AND COMMERCIAL OFFICES

PMF-NW1
PMF-WW-1
PMF-EW-1
PMF-SW-1
(2018 REMOVAL OF 4,000-GAL. UST)

BOTTOM NORTH
NORTH
WEST
EAST
SOUTH
BOTTOM SOUTH
(1998 REMOVAL OF 6,000-GAL. UST)

NORTH
WEST
EAST
BOTTOM

TB-1 TB-1A TB-2 TB-3 TB-4 TB-5 TB-6 TB-6A TB-7 TB-8 TB-9 TB-10 TB-11 TB-12 TB-13 TB-14 TB-15 TB-16 TB-16A TB-17 TB-18 TB-19 TB-21 TB-22 TB-23 TB-24 TB-24A TB-100 TB-101 TB-102 TB-103 TB-104 TB-105 TB-106 TB-107 TB-108 TB-109 TB-111 TB-112 TB-113 TB-114 TB-115 TB-116 TB-117 TB-118 TB-119 TB-120 TB-121 TB-122 TB-123 TB-124 TB-125 (10.2')

BR-1 BR-2 BR-3 BR-4 BR-5

TW-3 TW-5 TW-6

SS-1 SS-2 SS-3 SS-4 SS-6 SS-7 SS-8 SS-9

FD

LEGEND

- PROPERTY LINE
- ▼ EAST — SOIL SAMPLE BY OTHERS
- ○ FD — FLOOR DRAIN
- ● — FORMER DRYWELL
- ▬ — FORMER SEPTIC TANK
- ● — FORMER LEACHING WELL
- ⊕ — TRITON MONITORING WELL
- ● — TRITON SOIL BORING
- ▼ — EXTERIOR SURFACE SOIL SAMPLE
- ○ — PAH CONCENTRATIONS EXCEED IDEC IN INDIVIDUAL SAMPLE
- ○ — ETPH CONCENTRATIONS EXCEED IDEC AND GB PMC

NOTES:

1. THE LOCATION OF ALL STRUCTURES, EQUIPMENT, DELINEATIONS AND OTHER FEATURES PRESENTED ON THIS DRAWING SHOULD BE CONSIDERED APPROXIMATE. THIS DRAWING SHOULD ONLY BE USED FOR GENERAL PRESENTATION PURPOSES AND SHOULD NOT BE USED FOR CONSTRUCTION PURPOSES. TRITON MAKES NO WARRANTY AS TO THE CORRECTNESS OR THE COMPLETENESS OF THE INFORMATION CONTAINED IN THIS DRAWING, AND THE USER ASSUMES ALL RISK OF LOSS TO PERSONS AND PROPERTY FROM RELIANCE THEREON.

2. BASE MAP INFORMATION IS FROM A COMPILATION PLAN PREPARED BY THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION, DATED: NOVEMBER 2019; SCALE: 1"=20'.

APPROXIMATE SCALE
20 0 10 20 40
(IN FEET)
1 inch = 20 ft.

TRITON ENVIRONMENTAL, INC.
Environmental Consulting & Engineering
385 Church Street, Suite 201 • Guilford, Connecticut 06437 • 203.458.7200

FIGURE 3
SITE PLAN SHOWING
RELEASE AREAS AND SAMPLING LOCATIONS

REMEDIAL ACTION REPORT

251 FREESTONE AVENUE
PORTLAND, CONNECTICUT

DRAWN BY: TAB		APPROVED BY: JCG
DATE: 1/24/23	SCALE: 1"=20'	FILE No.: 105338-RAR-04

P:\CAD\DRAWINGS\105000\105338\FIGURES\RAR\105338-RAR-04.DWG
Layout: FIG 3

REV.	DESCRIPTION	APP'D	DATE
–	–	–	–

LEGEND

- PROPERTY LINE
- ▼ EAST — SOIL SAMPLE BY OTHERS
- ○ FD — FLOOR DRAIN
- ● FORMER DRYWELL
- ▬ FORMER SEPTIC TANK
- ● FORMER LEACHING WELL
- ✣ TRITON MONITORING WELL
- ● TRITON SOIL BORING
- ▼ EXTERIOR SURFACE SOIL SAMPLE
- ▲ SIDEWALL CONFIRMATION SAMPLE
- ◯ CONCENTRATION EXCEEDS APPLICABLE RSR CRITERIA
- EXCAVATION AREA

ELITE TRANSFORMATIONS

APEX AUTOMOTIVE

PRESENT FREESTONE AVENUE
(PRIVATE WAY)

PRECISION PLASTIC PRODUCTS

HISTORICAL MACHINE SHOP BUILDING

FORMER "WELD SHOP"

FORMER "BUCKET SHOP"

BRICK BUILDING

FORMER "MAIN SHOP"

STORAGE

OFFICE

HALLWAY

LAV.

LOCKER ROOM

BOILER ROOM

ELEC. CLOSET

NORTH
WEST
EAST
BOTTOM

PMF-NW1
PMF-WW-1
PMF-EW-1
PMF-SW-1

(2018 REMOVAL OF 4,000-GAL. UST)

BOTTOM NORTH
NORTH
WEST
EAST
SOUTH
BOTTOM SOUTH

(1998 REMOVAL OF 6,000-GAL. UST)

EMERGENCY GENERATOR SHED
(PROPANE FUELED)

DUG TO LEDGE

RESIDENTIAL AND COMMERCIAL OFFICES

TB-1 TB-1A TB-2 TB-3 TB-4 TB-5 TB-6 TB-7 TB-8 TB-9 TB-10 TB-11 TB-12 TB-13 TB-14 TB-15 TB-16 TB-16A TB-17 TB-18 TB-19 TB-21 TB-22 TB-23 TB-24 TB-24A TB-100 TB-101 TB-102 TB-103 TB-104 TB-105 TB-106 TB-107 TB-108 TB-109 TB-111 TB-112 TB-113 TB-114 TB-115 TB-116 TB-117 TB-118 TB-119 TB-120 TB-121 TB-122 TB-123 TB-124 TB-125 (10.2')

BR-1 BR-2 BR-3 BR-4 BR-5 TW-3 TW-5 TW-6

SS-1 SS-2 SS-3 SS-4 SS-5 SS-6 SS-7 SS-8 SS-9

S-1 S-2 S-2A S-3 S-4 S-5 S-5A S-6 S-6A S-7 S-7A S-8 S-8A B-1

NOTES:

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FIGURE 4
SITE PLAN SHOWING
REMEDIAL AREAS AND SAMPLING LOCATIONS

REMEDIAL ACTION REPORT

251 FREESTONE AVENUE
PORTLAND, CONNECTICUT

DRAWN BY: FSM	APPROVED BY: JCG	
DATE: 1/24/23	SCALE: 1"=20'	FILE No.: 105338-RAR-04

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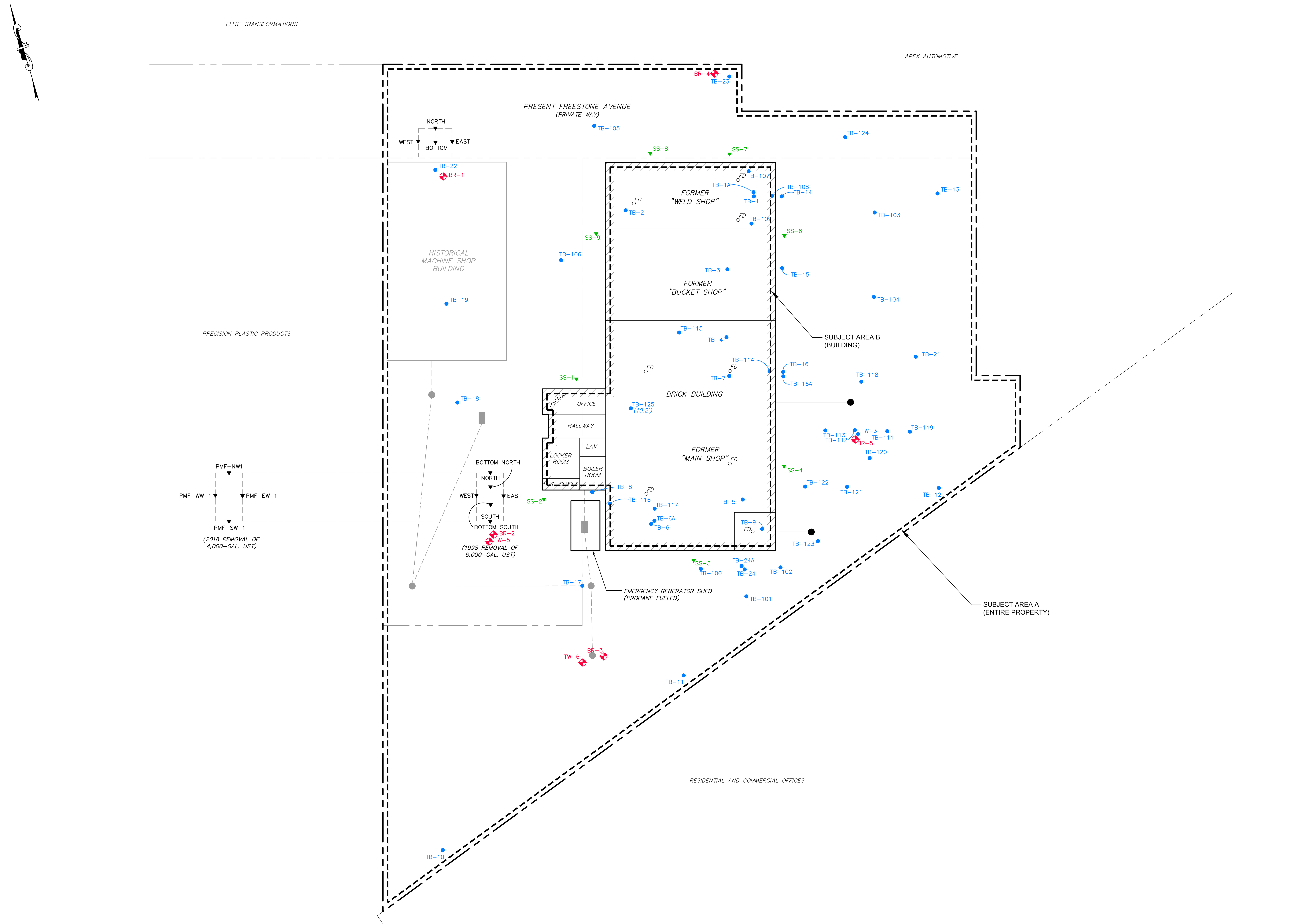
Layout:FIG 4

REV.	DESCRIPTION	APP'D	DATE
–	–	–	–



LEGEND

— — —	PROPERTY LINE
▼ EAST	SOIL SAMPLE BY OTHERS
○ FD	FLOOR DRAIN
●	FORMER DRYWELL
▬	FORMER SEPTIC TANK
●	FORMER LEACHING WELL
⊕	TRITON MONITORING WELL
●	TRITON SOIL BORING
▼	EXTERIOR SURFACE SOIL SAMPLE

NOTES:

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FIGURE 5
SITE PLAN SHOWING
PROPOSED SUBJECT AREAS FOR EUR

REMEDIAL ACTION REPORT

251 FREESTONE AVENUE
PORTLAND, CONNECTICUT

DRAWN BY: FSM		APPROVED BY: JCG
DATE: 1/24/23	SCALE: 1"=20'	FILE No.: 105338–RAR–04

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Layout: FIG 5

TABLES

TABLE 1
Summary of Analytes Detected in Soil Samples
251 Freestone Avenue, Portland, CT

Compound	RSR Criteria		Former 550 Gal. Fuel Oil UST				Former 6,000 Gal. Fuel Oil UST						Former 4,000 Gal. Fuel Oil UST				TB-1	TB-1A	TB-2	TB-3	TB-4	TB-5	TB-6	TB-6A	TB-7
	IDEC	GB PMC	North Wall 12/22/1998	West Wall 12/22/1998	East Wall 12/22/1998	Bottom 12/22/1998	North Wall - A 3/22/1999	South Wall 12/23/1998	East Wall 12/23/1998	West Wall 12/23/1998	Bottom North - A 3/22/1999	Bottom South 12/23/1998	PMF-WW-1 10/19/2018	PMF-EW-1 10/19/2018	PMF-SW-1 10/19/2018	PMF-NW-1 10/19/2018	0-2' 2/4/2022	2-4' 8/9/2022	0-2' 2/5/2022	0-2' 2/6/2022	0-2' 2/7/2022	1'-3' 2/8/2022	0-2' 2/9/2022	2-4' 8/9/2022	0-2' 2/10/2022
Petroleum Hydrocarbons (mg/kg)																		NA						NA	
ETPH	2500	2500	17	9	17	9	ND<5.0	71	ND<5.0	28	ND<5.0	109	ND	ND	ND	ND	**700**		190	**2,800**	130	**3,100**	**730**		98
Petroleum Hydrocarbons (mg/L)		10xGWPC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SPLP ETPH	NE	2.5																							
VOCs (mg/kg)				NA	NA	NA			NA	NA	NA			NA				NA						NA	
Methylene Chloride	760	1	0.0083				0.0075	ND<0.001				0.065	ND<0.001		ND	ND	ND<0.0043		ND<0.004	ND<0.003	ND<0.0039	ND<0.0061	ND<0.004		ND<0.0036
1,2-Dichloroethane	63	0.2	ND<0.01				ND<0.001	ND<0.001				ND<0.01	ND<0.001		ND	ND	ND<0.0043		ND<0.004	ND<0.003	ND<0.0039	ND<0.0061	ND<0.004		ND<0.0036
cis-1,2-Dichloroethylene	1,000	14	ND<0.01				ND<0.001	ND<0.001				ND<0.01	ND<0.001		ND	ND	ND<0.0043		ND<0.004	ND<0.003	ND<0.0039	ND<0.0061	ND<0.004		ND<0.0036
Toluene	1,000	67	0.022				0.056	ND<0.001				0.012	ND<0.001		ND	ND	ND<0.0043		ND<0.004	ND<0.003	ND<0.0039	ND<0.0061	ND<0.004		ND<0.0036
Chlorobenzene	1,000	20	ND<0.01				ND<0.001	ND<0.001				ND<0.01	ND<0.001		ND	ND	ND<0.0043		ND<0.004	ND<0.003	ND<0.0039	ND<0.0061	ND<0.004		ND<0.0036
Ethylbenzene	1,000	10.1	ND<0.01				ND<0.001	0.0013				ND<0.01	0.004		ND	ND	ND<0.0043		ND<0.004	ND<0.003	ND<0.0039	ND<0.0061	ND<0.004		ND<0.0036
Total Xylenes	1,000	19.5	ND<0.01				0.0025	0.0039				ND<0.01	0.012		ND	ND	ND<0.0043		ND<0.004	ND<0.003	ND<0.0039	ND<0.0061	ND<0.004		ND<0.0036
Styrene	1,000	20	ND<0.01				0.002	ND<0.001				ND<0.01	ND<0.001		ND	ND	ND<0.0043		ND<0.004	ND<0.003	ND<0.0039	ND<0.0061	ND<0.004		ND<0.0036
Isopropylbenzene	1,000	5	ND<0.01				ND<0.001	ND<0.001				ND<0.01	ND<0.001		ND	ND	ND<0.0043		ND<0.004	ND<0.003	ND<0.0039	ND<0.0061	ND<0.004		ND<0.0036
n-Propylbenzene	1,000	10	ND<0.01				ND<0.001	ND<0.001				ND<0.01	ND<0.001		ND	ND	ND<0.0043		ND<0.004	ND<0.003	ND<0.0039	ND<0.0061	ND<0.004		ND<0.0036
2-Chlorotoluene	1,000	28	ND<0.01				ND<0.001	ND<0.001				ND<0.01	ND<0.001		ND	ND	ND<0.0043		ND<0.004	ND<0.003	ND<0.0039	ND<0.0061	ND<0.004		ND<0.0036
1,3,5-Trimethylbenzene	1,000	28	ND<0.01				ND<0.001	ND<0.001				ND<0.01	ND<0.001		ND	ND	ND<0.0043		ND<0.004	ND<0.003	ND<0.0039	ND<0.0061	ND<0.004		ND<0.0036
1,2,4-Trimethylbenzene	1,000	28	ND<0.01				ND<0.001	ND<0.001				ND<0.01	ND<0.001		ND	ND	ND<0.0043		ND<0.004	ND<0.003	ND<0.0039	ND<0.0061	ND<0.004		ND<0.0036
sec-Butylbenzene	1,000	70	ND<0.01				ND<0.001	ND<0.001				ND<0.01	ND<0.001		ND	ND	ND<0.0043		ND<0.004	ND<0.003	ND<0.0039	ND<0.0061	ND<0.004		ND<0.0036
1,3-Dichlorobenzene	1,000	120	ND<0.01				ND<0.001	ND<0.001				ND<0.01	ND<0.001		ND	ND	ND<0.0043		ND<0.004	ND<0.003	ND<0.0039	ND<0.0061	ND<0.004		ND<0.0036
4-Isopropyltoluene	1,000	5	ND<0.01				ND<0.001	ND<0.001				ND<0.01	ND<0.001		ND	ND	ND<0.0043		ND<0.004	ND<0.003	ND<0.0039	ND<0.0061	ND<0.004		ND<0.0036
1,4,-Dichlorobenzene	240	15	ND<0.01				ND<0.001	ND<0.001				ND<0.01	ND<0.001		ND	ND	ND<0.0043		ND<0.004	ND<0.003	ND<0.0039	ND<0.0061	ND<0.004		ND<0.0036
1,2-Dichlorobenzene	1,000	3.1	ND<0.01				ND<0.001	ND<0.001				ND<0.01	ND<0.001		ND	ND	ND<0.0043		ND<0.004	ND<0.003	ND<0.0039	ND<0.0061	ND<0.004		ND<0.0036
n-Butylbenzene	1,000	70	ND<0.01				ND<0.001	ND<0.001				ND<0.01	ND<0.001		ND	ND	ND<0.0043		ND<0.004	ND<0.003	ND<0.0039	ND<0.0061	ND<0.004		ND<0.0036
1,2,4-Trichlorobenzene	200	14	ND<0.01				ND<0.001	ND<0.001				ND<0.01	ND<0.001		ND	ND	ND<0.0043		ND<0.004	ND<0.003	ND<0.0039	ND<0.0061	ND<0.004		ND<0.0036
Naphthalene	2,500	56	ND<0.01				ND<0.001	ND<0.001				ND<0.01	ND<0.001		ND	ND	ND<0.0086		0.018	0.0061	ND<0.0079	0.06	ND<0.008		ND<0.0071
SPLP VOCs (ug/L)		10xGWPC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	NE	50																							
Ethylbenzene	NE	7000																							
Total Xylenes	NE	5300																							
Isopropylbenzene	NE	250																							
n-Propylbenzene	NE	500																							
2-Chlorotoluene	NE	1400																							
1,3,5-Trimethylbenzene	NE	1400																							
sec-Butylbenzene	NE	3500																							
1,3-Dichlorobenzene	NE	6000																							
4-Isopropyltoluene	NE	250																							
1,2-Dichlorobenzene	NE	6000																							
n-Butylbenzene	NE	3500																							
1,2,4-Trichlorobenzene	NE	700																							
Naphthalene	NE	2800																							
1,2,3-Trichlorobenzene	NE	NE																							
PAHs (mg/kg)				NA	NA	NA		NA	NA	NA		NA		NA	NA			NA						NA	
Naphthalene	2,500	56*	ND<0.170				ND<0.17				ND<0.17		ND			ND	ND<0.330		ND<0.34	1.3	ND<0.32	3.0	0.39		ND<0.32
2-Methyl Naphthalene	1,000	5.6*	ND<0.170				ND<0.17				ND<0.17		ND			ND	ND<0.330		ND<0.34	1.4	ND<0.32	6.7	0.32		ND<0.32
Acenaphthylene	2,500	84*	ND<0.170				ND<0.17				ND<0.17		ND			ND	0.52		ND<0.34	9.2	0.56	18	3.3		0.63
Acenaphthene	2,500	84*	ND<0.170				ND<0.17				ND<0.17		ND			ND	ND<0.330		0.4	0.98	ND<0.32	4.5	0.38		ND<0.32
Fluorene	2,500	56*	ND<0.170				ND<0.17				ND<0.17		ND			ND	ND<0.330		0.37	7.1	ND<0.32	27	1.1		ND<0.32
Phenanthrene	2,500	40*	ND<0.170				ND<0.17				ND<0.17		ND			ND	2.8		3.7	78	2.5	160	17		0.8
Anthracene	2,500	400*	ND<0.170				ND<0.17				ND<0.17		ND			ND	0.47		0.9	11	0.4	31	4.1		0.41
Fluoranthene	2,500	56*	0.33				ND<0.17				ND<0.17		ND			ND	4.8		3.7	58	3.7	170	25		1.8
Pyrene	2,500	40*	0.45				ND<0.17				ND<0.17		ND			ND	4.4		3	78	3.4	150	24		2.1
Benzo(a)Anthracene	57	1*	0.23				ND<0.17				ND<0.17		ND			ND	**1.7**		**1.6**	**28**	**1.5**	**74**	**12**		**1.2**
Chrysene	780	1*	0.28				ND<0.17				ND<0.17		ND			ND	2.5		1.5	**29**	**1.9**	**76**	13		1.4
Benzo(b)Fluoranthene	57	1*	0.26				ND<0.17				ND<0.17		ND			ND	**3.3**		**1.6**	**24**	**2.3**	**75**	**14**		**1.5**
Benzo(k)Fluoranthene	57	1*	0.26				ND<0.17				ND<0.17		ND			ND	1.3		0.72	**9.7**	0.97	**28**	5.1		0.61
Benzo(a)Pyrene	5.7	1*	0.30				ND<0.17				ND<0.17		ND			ND	**2.7**		**1.4**	**22**	**20**	**64**	**12**		**1.4**
Indeno(1,2,3-cd)Pyrene	7.8	1*	ND<0.170				ND<0.17				ND<0.17		ND			ND	**1.9**		0.87	**12**	**1.4**	**36**	**6.3**		0.87
Dibenz(a,h)anthracene	5.7	1*	ND<0.170				ND<0.17				ND<0.17		ND			ND	**4.3**		ND<0.34	**3.7**	0.39	**11**	**1.9**		ND<0.32
Benzo(g,h,i)Perylene	78	1*	ND<0.170				ND<0.17				ND<0.17		ND			ND	**2.4**		0.99	**16**	1.8	**43**	7.2		1.1
Total Metals (mg/kg)			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA						NA	
Lead	1,000	NE															160		47	130	68	35	29		13
Selenium	10,000	NE															ND<2.7		ND<2.8	ND<2.7	ND<2.7	ND<2.6	ND<2.7		ND<2.7
Cadmium	1,000	NE															0.74		ND<0.55	1.2	ND<0.54	0.61	ND<0.53		ND<0.53
Chromium	NE	NE															10		13	22	13	16	18		15
Arsenic	10	NE															2.9		1.6	5.3	5.4	3.6	2		1.5
Barium	140,000	NE															46		30	45	53	57	61		56
Silver	10,000	NE															ND<2.2		ND<2.2	ND<2.2	ND<2.1	ND<2.1	ND<2.1		ND<2.1
Mercury	610	NE															ND<0.14		ND<0.14	0.19	ND<0.13	ND<0.14	ND<0.14		ND<0.14
Pesticides (mg/kg)			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA							
Dieldrin	0.36	0.007															ND<0.0011		ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.00054	ND<0.0011
Total DDT[2]	17	0.02															ND<0.0011		ND<0.0011	ND<0.0011	0.0046	ND<0.0011	**0.027**	**0.17**	0.016
SPLP Pesticides (ug/L)		10x GWPC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA			NA
SPLP DDT[2]	NE	1.0																					ND<0.005	ND<0.001	
Herbicides (mg/kg)			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA
Various Herbicides	Various	Various																							
Polychlorinated Biphenyls (PCBs) (mg/kg)			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA								NA	
Total PCBs[3]	10	0.005															0.34	ND<0.10	ND<0.11	ND<0.11	ND<0.11	ND<0.11	ND<0.11		ND<0.11
% Solids	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	90	98	89	90	93	91	92	93	93

Notes:
Only parameters detected are shown
Bold values (not shaded) indicate exceedance of RDEC (only).
Shaded values indicate exceedance of IDEC.
Bold outline indicates exceedance of GB PMC.
ND = Not Detected at the indicated detection limit
NE = None Established
NA = Not Analyzed
RSR = Remediation Standard Regulations
IDEC = Industrial and Commercial Direct Exposure Criteria
PMC = Pollutant Mobility Criteria
Underlined criteria are based on 2015 DEEP pre-approved APS criteria (rev. 2018)
*Detected PAHs believed to be exempt from PMC (polluted material exemption).
2 = Sum of all DDT related compounds (4,4-DDT, 4,4-DDE, and 4,4-DDD)
3 = GB PMC is in mg/L for PCBs, and is based on TCLP or SPLP analysis

TABLE 1
Summary of Analytes Detected in Soil Samples
251 Freestone Avenue, Portland, CT

Compound	RSR Criteria		TB-8 2-4' 2/10/2022	TB-9 0-2' 3/3/2022	TB-10 0-2' 2/10/2022	TB-11 0-2' 2/10/2022	TB-12 0-2' 2/10/2022	TB-13 0-2' 2/10/2022	TB-14 2-4' 2/10/2022	TB-15 0-2 2/10/2022	TB-16 0-2' 2/10/2022	TB-16A 0-2' 10/11/2022	TB-17 6-8' 2/10/2022	TB-18 6-8' 2/10/2022	TB-19 2-4' 2/10/2022	TB-21 0-2' 2/10/2022	TB-22 5-7' 3/3/2022	TB-23 2-4' 3/3/2022	TB-24 8-10' 3/3/2022	TB-24A 2-4' 8/9/2022	SS-1 0-2' 3/3/2022	SS-2 0-2' 3/3/2022	SS-3 0-2' 3/3/2022
	IDEC	GB PMC																					
Petroleum Hydrocarbons (mg/kg)				NA								NA									NA	NA	NA
ETPH	2500	2500	400		ND<55	ND<56	460	67	130	420	150		ND<51	ND<63	ND<57	110	ND<53	ND<54	210	150			
Petroleum Hydrocarbons (mg/L)		10xGWPC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SPLP ETPH	NE	2.5																					
VOCs (mg/kg)			NA									NA									NA	NA	NA
Methylene Chloride	760	1		ND<0.0034	ND<0.0037	ND<0.003	ND<0.0042	ND<0.0033	ND<0.0036	ND<0.0031	ND<0.003		ND<0.0044	ND<0.0048	ND<0.0045	ND<0.0036	ND<0.0042	ND<0.0036	ND<0.0034	ND<0.05			
1,2-Dichloroethane	63	0.2		ND<0.0034	ND<0.0037	ND<0.003	ND<0.0042	ND<0.0033	ND<0.0036	ND<0.0031	ND<0.003		ND<0.0044	ND<0.0048	ND<0.0045	ND<0.0036	ND<0.0042	ND<0.0036	ND<0.0034	ND<0.05			
cis-1,2-Dichloroethylene	1,000	14		ND<0.0034	ND<0.0037	ND<0.003	ND<0.0042	ND<0.0033	ND<0.0036	ND<0.0031	ND<0.003		ND<0.0044	ND<0.0048	ND<0.0045	ND<0.0036	ND<0.0042	ND<0.0036	ND<0.0034	ND<0.05			
Toluene	1,000	67		ND<0.0034	ND<0.0037	ND<0.003	ND<0.0042	ND<0.0033	ND<0.0036	ND<0.0031	ND<0.003		ND<0.0044	ND<0.0048	ND<0.0045	ND<0.0036	ND<0.0042	ND<0.0036	ND<0.0034	ND<0.0042			
Chlorobenzene	1,000	20		ND<0.0034	ND<0.0037	ND<0.003	ND<0.0042	ND<0.0033	ND<0.0036	ND<0.0031	ND<0.003		ND<0.0044	ND<0.0048	ND<0.0045	ND<0.0036	ND<0.0042	ND<0.0036	ND<0.0034	ND<0.05			
Ethylbenzene	1,000	10.1		ND<0.0034	ND<0.0037	ND<0.003	ND<0.0042	ND<0.0033	ND<0.0036	ND<0.0031	ND<0.003		ND<0.0044	ND<0.0048	ND<0.0045	ND<0.0036	ND<0.0042	ND<0.0036	ND<0.0034	ND<0.0042			
Total Xylenes	1,000	19.5		ND<0.0034	ND<0.0037	ND<0.003	ND<0.0042	ND<0.0033	ND<0.0036	ND<0.0031	ND<0.003		ND<0.0044	ND<0.0048	ND<0.0045	ND<0.0036	ND<0.0042	ND<0.0036	ND<0.0034	ND<0.0042			
Styrene	1,000	20		ND<0.0034	ND<0.0037	ND<0.003	ND<0.0042	ND<0.0033	ND<0.0036	ND<0.0031	ND<0.003		ND<0.0044	ND<0.0048	ND<0.0045	ND<0.0036	ND<0.0042	ND<0.0036	ND<0.0034	ND<0.0042			
Isopropylbenzene	1,000	5		ND<0.0034	ND<0.0037	ND<0.003	ND<0.0042	ND<0.0033	ND<0.0036	ND<0.0031	ND<0.003		ND<0.0044	ND<0.0048	ND<0.0045	ND<0.0036	ND<0.0042	ND<0.0036	ND<0.0034	ND<0.0042			
n-Propylbenzene	1,000	10		ND<0.0034	ND<0.0037	ND<0.003	ND<0.0042	ND<0.0033	ND<0.0036	ND<0.0031	ND<0.003		ND<0.0044	ND<0.0048	ND<0.0045	ND<0.0036	ND<0.0042	ND<0.0036	ND<0.0034	ND<0.0042			
2-Chlorotoluene	1,000	28		ND<0.0034	ND<0.0037	ND<0.003	ND<0.0042	ND<0.0033	ND<0.0036	ND<0.0031	ND<0.003		ND<0.0044	ND<0.0048	ND<0.0045	ND<0.0036	ND<0.0042	ND<0.0036	ND<0.0034	ND<0.0042			
1,3,5-Trimethylbenzene	1,000	28		ND<0.0034	ND<0.0037	ND<0.003	ND<0.0042	ND<0.0033	ND<0.0036	ND<0.0031	ND<0.003		ND<0.0044	ND<0.0048	ND<0.0045	ND<0.0036	ND<0.0042	ND<0.0036	ND<0.0034	ND<0.0042			
1,2,4-Trimethylbenzene	1,000	28		ND<0.0034	ND<0.0037	ND<0.003	ND<0.0042	ND<0.0033	ND<0.0036	ND<0.0031	ND<0.003		ND<0.0044	ND<0.0048	ND<0.0045	ND<0.0036	ND<0.0042	ND<0.0036	ND<0.0034	ND<0.0042			
sec-Butylbenzene	1,000	70		ND<0.0034	ND<0.0037	ND<0.003	ND<0.0042	ND<0.0033	ND<0.0036	ND<0.0031	ND<0.003		ND<0.0044	ND<0.0048	ND<0.0045	ND<0.0036	ND<0.0042	ND<0.0036	ND<0.0034	ND<0.0042			
1,3-Dichlorobenzene	1,000	120		ND<0.0034	ND<0.0037	ND<0.003	ND<0.0042	ND<0.0033	ND<0.0036	ND<0.0031	ND<0.003		ND<0.0044	ND<0.0048	ND<0.0045	ND<0.0036	ND<0.0042	ND<0.0036	0.0066	ND<0.0042			
4-Isopropyltoluene	1,000	5		ND<0.0034	ND<0.0037	ND<0.003	ND<0.0042	ND<0.0033	ND<0.0036	ND<0.0031	ND<0.003		ND<0.0044	ND<0.0048	ND<0.0045	ND<0.0036	ND<0.0042	ND<0.0036	ND<0.0034	ND<0.0042			
1,4,-Dichlorobenzene	240	15		ND<0.0034	ND<0.0037	ND<0.003	ND<0.0042	ND<0.0033	ND<0.0036	ND<0.0031	ND<0.003		ND<0.0044	ND<0.0048	ND<0.0045	ND<0.0036	ND<0.0042	ND<0.0036	0.0064	ND<0.0042			
1,2-Dichlorobenzene	1,000	3.1		ND<0.0034	ND<0.0037	ND<0.003	ND<0.0042	ND<0.0033	ND<0.0036	ND<0.0031	ND<0.003		ND<0.0044	ND<0.0048	ND<0.0045	ND<0.0036	ND<0.0042	ND<0.0036	0.02	ND<0.0042			
n-Butylbenzene	1,000	70		ND<0.0034	ND<0.0037	ND<0.003	ND<0.0042	ND<0.0033	ND<0.0036	ND<0.0031	ND<0.003		ND<0.0044	ND<0.0048	ND<0.0045	ND<0.0036	ND<0.0042	ND<0.0036	ND<0.0034	ND<0.0042			
1,2,4-Trichlorobenzene	200	14		ND<0.0034	ND<0.0037	ND<0.003	ND<0.0042	ND<0.0033	ND<0.0036	ND<0.0031	ND<0.003		ND<0.0044	ND<0.0048	ND<0.0045	ND<0.0036	ND<0.0042	ND<0.0036	ND<0.0034	ND<0.0042			
Naphthalene	2,500	56		ND<0.0068	ND<0.0075	ND<0.006	ND<0.0083	ND<0.0075	ND<0.006	ND<0.0063	ND<0.006		ND<0.0087	ND<0.0095	ND<0.0091	ND<0.0071	ND<0.0083	ND<0.0071	ND<0.0069	ND<0.0042			
SPLP VOCs (ug/L)		10xGWPC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	NE	50																					
Ethylbenzene	NE	7000																					
Total Xylenes	NE	5300																					
Isopropylbenzene	NE	250																					
n-Propylbenzene	NE	500																					
2-Chlorotoluene	NE	1400																					
1,3,5-Trimethylbenzene	NE	1400																					
sec-Butylbenzene	NE	3500																					
1,3-Dichlorobenzene	NE	6000																					
4-Isopropyltoluene	NE	250																					
1,2-Dichlorobenzene	NE	6000																					
n-Butylbenzene	NE	3500																					
1,2,4-Trichlorobenzene	NE	700																					
Naphthalene	NE	2800																					
1,2,3-Trichlorobenzene	NE	NE																					
PAHs (mg/kg)				NA								NA								NA	NA	NA	NA
Naphthalene	2,500	56*	0.46		ND<0.330	ND<0.340	0.72	ND<0.340	ND<0.340	1.1	ND<0.310		ND<0.310	ND<0.380	ND<0.340	ND<0.340	ND<0.320	ND<0.330	ND<0.330				
2-Methyl Naphthalene	1,000	5.6*	0.33		ND<0.330	ND<0.340	0.5	ND<0.340	ND<0.340	0.68	ND<0.310		ND<0.310	ND<0.380	ND<0.340	ND<0.340	ND<0.320	ND<0.330	ND<0.330				
Acenaphthylene	2,500	84*	2.6		ND<0.330	ND<0.340	4	ND<0.340	1.4	3.4	1.3		ND<0.310	ND<0.380	ND<0.340	0.61	ND<0.320	ND<0.330	ND<0.330				
Acenaphthene	2,500	84*	ND<0.330		ND<0.330	ND<0.340	ND<0.340	ND<0.340	ND<0.340	0.38	ND<0.310		ND<0.310	ND<0.380	ND<0.340	ND<0.340	ND<0.320	ND<0.330	ND<0.330				
Fluorene	2,500	56*	0.49		ND<0.330	ND<0.340	1.2	ND<0.340	0.53	1.3	ND<0.310		ND<0.310	ND<0.380	ND<0.340	ND<0.340	ND<0.320	ND<0.330	ND<0.330				
Phenanthrene	2,500	40*	7.2		ND<0.330	ND<0.340	13	0.69	4.1	21	2.3		ND<0.310	ND<0.380	ND<0.340	1.5	ND<0.320	ND<0.330	ND<0.330				
Anthracene	2,500	400*	1.9		ND<0.330	ND<0.340	3.7	ND<0.340	1.2	2.7	0.75		ND<0.310	ND<0.380	ND<0.340	0.38	ND<0.320	ND<0.330	ND<0.330				
Fluoranthene	2,500	56*	15		ND<0.330	ND<0.340	24	0.78	7.5	29	6.3		ND<0.310	ND<0.380	ND<0.340	3.7	ND<0.320	ND<0.330	ND<0.330				
Pyrene	2,500	40*	16		ND<0.330	ND<0.340	27	0.72	7.5	25	6.5		ND<0.310	ND<0.380	ND<0.340	3.4	ND<0.320	ND<0.330	ND<0.330				
Benzo(a)Anthracene	57	1*	**8.8**		ND<0.330	ND<0.340	**18**	0.49	**4.6**	**13**	**4.0**		ND<0.310	ND<0.380	ND<0.340	**2.8**	ND<0.320	ND<0.330	ND<0.330				
Chrysene	780	1*	9.4		ND<0.330	ND<0.340	17	0.64	4.5	15	4.3		ND<0.310	ND<0.380	ND<0.340	3.1	ND<0.320	ND<0.330	ND<0.330				
Benzo(b)Fluoranthene	57	1*	**10**		ND<0.330	ND<0.340	**16**	0.71	**5.0**	**16**	**5.1**		ND<0.310	ND<0.380	ND<0.340	**4.8**	ND<0.320	ND<0.330	ND<0.330				
Benzo(k)Fluoranthene	57	1*	3.6		ND<0.330	ND<0.340	7.4	ND<0.340	2.2	6.6	2.3		ND<0.310	ND<0.380	ND<0.340	1.7	ND<0.320	ND<0.330	ND<0.330				
Benzo(a)Pyrene	5.7	1*	**8.2**		ND<0.330	ND<0.340	**15**	0.52	**4.9**	**13**	**4.6**		ND<0.310	ND<0.380	ND<0.340	**3.7**	ND<0.320	ND<0.330	ND<0.330				
Indeno(1,2,3-cd)Pyrene	7.8	1*	**4.9**		ND<0.330	ND<0.340	**8.7**	0.34	**3.0**	**8.1**	**3.0**		ND<0.310	ND<0.380	ND<0.340	**2.6**	ND<0.320	ND<0.330	ND<0.330				
Dibenz(a,h)anthracene	5.7	1*	**1.6**		ND<0.330	ND<0.340	**3.0**	ND<0.340	0.91	**2.5**	0.9		ND<0.310	ND<0.380	ND<0.340	0.81	ND<0.320	ND<0.330	ND<0.330				
Benzo(g,h,i)Perylene	78	1*	6.3		ND<0.330	ND<0.340	**10**	0.38	3.5	**9.3**	3.7		ND<0.310	ND<0.380	ND<0.340	2.9	ND<0.320	ND<0.330	ND<0.330				
Total Metals (mg/kg)			NA	NA								NA								NA			
Lead	1,000	NE			33	5.8	5.3	91	86	100	45		3	15	120	32	6.4	65	7.4		4.4	4.1	30
Selenium	10,000	NE			ND<2.6	ND<2.6	ND<2.8	ND<2.7	ND<2.7	ND<2.5	ND<2.6		ND<2.5	ND<3.1	ND<2.8	ND<2.8	ND<2.7	ND<2.7	ND<2.5		NA	NA	NA
Cadmium	1,000	NE			0.56	ND<0.51	ND<0.56	0.62	ND<0.54	0.71	0.55		ND<0.51	ND<0.62	0.8	ND<0.57	ND<0.53	ND<0.53	ND<0.5		NA	NA	NA
Chromium	NE	NE			14	12	8.7	10	14	13	10		7.2	19	98	11	19	13	20		NA	NA	NA
Arsenic	10	NE			5.1	2.8	2.9	5.8	5.6	4.3	2.8		1.7	3.6	6	4.3	2.2	2.5	4.7		NA	NA	NA
Barium	140,000	NE			41	61	30	42	61	46	42		15	54	62	44	36	43	40		NA	NA	NA
Silver	10,000	NE			ND<2.1	ND<2.0	ND<2.2	ND<2.2	ND<2.1	ND<2.0	ND<2.1		ND<2.0	ND<2.5	ND<2.2	ND<2.3	ND<2.1	ND<2.1	ND<2.0		NA	NA	NA
Mercury	610	NE			ND<0.13	ND<0.13	ND<0.13	ND<0.14	ND<0.13	ND<0.13	ND<0.13		ND<0.12	ND<0.15	0.36	ND<0.14	ND<0.13	0.35	ND<0.14		NA	NA	NA
Pesticides (mg/kg)			NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	0.36	0.007										ND<0.00058											
Total DDT[2]	17	0.02										0.118											
SPLP Pesticides (ug/L)		10x GWPC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SPLP DDT[2]	NE	1.0																					
Herbicides (mg/kg)			NA	NA				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Various Herbicides	Various	Various			ND<Various	ND<Various	ND<Various																
Polychlorinated Biphenyls (PCBs) (mg/kg)			NA	NA				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			
Total PCBs[3]	10	0.005			ND<0.11	ND<0.11	ND<0.11														ND<0.11	ND<0.11	ND<0.11
% Solids	NE	NE	89	90	89	89	89	88	89	91	95	86	96	79	87	87	93	90	91	92	92	92	91

Notes:
Only parameters detected are shown
Bold values (not shaded) indicate exceedance of RDEC (only).
Shaded values indicate exceedance of IDEC.
Bold outline indicates exceedance of GB PMC.
ND = Not Detected at the indicated detection limit
NE = None Established
NA = Not Analyzed
RSR = Remediation Standard Regulations
IDEC = Industrial and Commercial Direct Exposure Criteria
PMC = Pollutant Mobility Criteria
Underlined criteria are based on 2015 DEEP pre-approved APS criteria (
*Detected PAHs believed to be exempt from PMC (polluted material exer
2 = Sum of all DDT related compounds (4,4-DDT, 4,4-DDE, and 4,4-DD
3 = GB PMC is in mg/L for PCBs, and is based on TCLP or SPLP analys

TABLE 1
Summary of Analytes Detected in Soil Samples
251 Freestone Avenue, Portland, CT

Compound	RSR Criteria		SS-4 0-2' 3/3/2022	SS-6 0-2' 2/14/2022	SS-7 0-2' 2/14/2022	SS-8 0-2' 2/14/2022	SS-9 0-2' 2/14/2022	TW-3 6-8' 2/10/2022	TW-5 12-14' 2/10/2022	TW-6 6-8' 2/10/2022	TB-100 2-4' 8/9/2022	TB-100 8-10' 8/9/2022	TB-101 0-2' 8/9/2022	TB-101 2-4' 8/9/2022	TB-101 8-10' 8/9/2022	TB-102 2-4' 8/9/2022	TB-102 8-10' 8/9/2022	TB-103 1-3' 8/9/2022	TB-104 1-3' 8/9/2022	TB-105 1-3' 8/9/2022	TB-106 1-3' 8/9/2022	TB-107 0-2' 8/9/2022	TB-108 0-2' 8/9/2022
	IDEC	GB PMC																					
Petroleum Hydrocarbons (mg/kg)			NA	NA	NA	NA	NA															NA	NA
ETPH	2500	2500						**10,000**	ND<54	ND<55	ND<54	ND<57		ND<56	ND<55	ND<74	140	ND<54	260	ND<52	150		
Petroleum Hydrocarbons (mg/L)		10xGWPC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SPLP ETPH	NE	2.5																					
VOCs (mg/kg)			NA	NA	NA	NA	NA						NA					NA	NA	NA	NA	NA	NA
Methylene Chloride	760	1						ND<0.0057	ND<0.0033	ND<0.0036	ND<0.042	ND<0.041		ND<0.043	ND<0.054	ND<0.044	ND<0.050						
1,2-Dichloroethane	63	0.2						ND<0.0057	ND<0.0033	ND<0.0036	ND<0.042	ND<0.041		ND<0.043	ND<0.054	ND<0.044	ND<0.050						
cis-1,2-Dichloroethylene	1,000	14						ND<0.0057	ND<0.0033	ND<0.0036	ND<0.042	ND<0.041		ND<0.043	ND<0.054	ND<0.044	ND<0.050						
Toluene	1,000	67						ND<0.0057	ND<0.0033	ND<0.0036	ND<0.0035	ND<0.0034		ND<0.0036	ND<0.0045	ND<0.0037	ND<0.0041						
Chlorobenzene	1,000	20						ND<0.0057	ND<0.0033	ND<0.0036	ND<0.042	ND<0.041		ND<0.043	ND<0.054	ND<0.044	ND<0.050						
Ethylbenzene	1,000	10.1						ND<0.0057	ND<0.0033	ND<0.0036	ND<0.0035	ND<0.0034		ND<0.0036	ND<0.0045	ND<0.0037	0.0042						
Total Xylenes	1,000	19.5						ND<0.0057	ND<0.0033	ND<0.0036	ND<0.0035	ND<0.0034		ND<0.0036	ND<0.0045	ND<0.0037	0.0172						
Styrene	1,000	20						ND<0.0057	ND<0.0033	ND<0.0036	ND<0.0035	ND<0.0034		ND<0.0036	ND<0.0045	ND<0.0037	ND<0.0041						
Isopropylbenzene	1,000	5						0.019	ND<0.0033	ND<0.0036	ND<0.0035	ND<0.0034		ND<0.0036	ND<0.0045	ND<0.0037	ND<0.0041						
n-Propylbenzene	1,000	10						0.086	ND<0.0033	ND<0.0036	ND<0.0035	ND<0.0034		ND<0.0036	ND<0.0045	ND<0.0037	ND<0.0041						
2-Chlorotoluene	1,000	28						ND<0.0057	ND<0.0033	ND<0.0036	ND<0.0035	ND<0.0034		ND<0.0036	ND<0.0045	ND<0.0037	0.0043						
1,3,5-Trimethylbenzene	1,000	28						ND<0.0057	ND<0.0033	ND<0.0036	ND<0.0035	ND<0.0034		ND<0.0036	ND<0.0045	ND<0.0037	0.0059						
1,2,4-Trimethylbenzene	1,000	28						ND<0.0057	ND<0.0033	ND<0.0036	ND<0.0035	ND<0.0034		ND<0.0036	ND<0.0045	ND<0.0037	0.018						
sec-Butylbenzene	1,000	70						0.056	ND<0.0033	ND<0.0036	ND<0.0035	ND<0.0034		ND<0.0036	ND<0.0045	ND<0.0037	ND<0.0041						
1,3-Dichlorobenzene	1,000	120						ND<0.0057	ND<0.0033	ND<0.0036	ND<0.0035	ND<0.0034		ND<0.0036	ND<0.0045	ND<0.0037	ND<0.0041						
4-Isopropyltoluene	1,000	5						ND<0.0057	ND<0.0033	ND<0.0036	ND<0.0035	ND<0.0034		ND<0.0036	ND<0.0045	ND<0.0037	ND<0.0041						
1,4,-Dichlorobenzene	240	15						ND<0.0057	ND<0.0033	ND<0.0036	ND<0.0035	ND<0.0034		ND<0.0036	ND<0.0045	ND<0.0037	0.01						
1,2-Dichlorobenzene	1,000	3.1						ND<0.0057	ND<0.0033	ND<0.0036	ND<0.0035	ND<0.0034		ND<0.0036	0.0065	ND<0.0037	0.037						
n-Butylbenzene	1,000	70						0.079	ND<0.0033	ND<0.0036	ND<0.0035	ND<0.0034		ND<0.0036	ND<0.0045	ND<0.0037	ND<0.0041						
1,2,4-Trichlorobenzene	200	14						0.0041	ND<0.0033	ND<0.0036	ND<0.0035	ND<0.0034		ND<0.0036	ND<0.0045	ND<0.0037	0.0065						
Naphthalene	2,500	56						ND<0.0057	ND<0.0033	ND<0.0036	ND<0.0035	ND<0.0034		ND<0.0036	ND<0.0045	ND<0.0037	0.016						
SPLP VOCs (ug/L)		10xGWPC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	NE	50																					
Ethylbenzene	NE	7000																					
Total Xylenes	NE	5300																					
Isopropylbenzene	NE	250																					
n-Propylbenzene	NE	500																					
2-Chlorotoluene	NE	1400																					
1,3,5-Trimethylbenzene	NE	1400																					
sec-Butylbenzene	NE	3500																					
1,3-Dichlorobenzene	NE	6000																					
4-Isopropyltoluene	NE	250																					
1,2-Dichlorobenzene	NE	6000																					
n-Butylbenzene	NE	3500																					
1,2,4-Trichlorobenzene	NE	700																					
Naphthalene	NE	2800																					
1,2,3-Trichlorobenzene	NE	NE																					
PAHs (mg/kg)			NA	NA	NA	NA	NA				NA	NA		NA	NA	NA	NA					NA	NA
Naphthalene	2,500	56*						ND<0.330	ND<0.320	ND<0.330			ND<0.100					ND<0.110	ND<0.110	ND<0.100	ND<0.110		
2-Methyl Naphthalene	1,000	5.6*						ND<0.330	ND<0.320	ND<0.330			ND<0.210					ND<0.210	ND<0.210	ND<0.210	ND<0.220		
Acenaphthylene	2,500	84*						ND<0.330	ND<0.320	ND<0.330			ND<0.100					ND<0.110	0.80	0.20	0.42		
Acenaphthene	2,500	84*						ND<0.330	ND<0.320	ND<0.330			ND<0.100					ND<0.110	ND<0.110	ND<0.100	ND<0.110		
Fluorene	2,500	56*						ND<0.330	ND<0.320	ND<0.330			ND<0.100					ND<0.110	ND<0.110	ND<0.100	ND<0.110		
Phenanthrene	2,500	40*						ND<0.330	ND<0.320	ND<0.330			ND<0.100					ND<0.110	0.66	0.23	0.48		
Anthracene	2,500	400*						ND<0.330	ND<0.320	ND<0.330			ND<0.100					ND<0.110	0.44	0.11	0.24		
Fluoranthene	2,500	56*						ND<0.330	ND<0.320	ND<0.330			ND<0.100					ND<0.110	3.5	0.94	1.7		
Pyrene	2,500	40*						2.5	ND<0.320	ND<0.330			ND<0.100					ND<0.110	4.1	1.0	1.9		
Benzo(a)Anthracene	57	1*						ND<0.330	ND<0.320	ND<0.330			ND<0.100					ND<0.110	2.7	0.69	1.1		
Chrysene	780	1*						ND<0.330	ND<0.320	ND<0.330			ND<0.100					ND<0.110	2.8	0.73	1.3		
Benzo(b)Fluoranthene	57	1*						ND<0.330	ND<0.320	ND<0.330			ND<0.100					ND<0.110	3.5	1.1	1.6		
Benzo(k)Fluoranthene	57	1*						ND<0.330	ND<0.320	ND<0.330			ND<0.100					ND<0.110	1.4	0.44	0.69		
Benzo(a)Pyrene	5.7	1*						ND<0.330	ND<0.320	ND<0.330			ND<0.100					ND<0.110	2.9	0.95	1.4		
Indeno(1,2,3-cd)Pyrene	7.8	1*						ND<0.330	ND<0.320	ND<0.330			ND<0.100					ND<0.110	1.7	0.56	0.91		
Dibenz(a,h)anthracene	5.7	1*						ND<0.330	ND<0.320	ND<0.330			ND<0.100					ND<0.110	0.52	0.17	0.28		
Benzo(g,h,i)Perylene	78	1*						ND<0.330	ND<0.320	ND<0.330			ND<0.100					ND<0.110	2.2	0.73	1.1		
Total Metals (mg/kg)											NA	NA	NA	NA	NA	NA	NA					NA	NA
Lead	1,000	NE	15	15	21	100	11	3.6	4.0	4.9								3.1	7.4	22	19		
Selenium	10,000	NE	NA	NA	NA	NA	NA	ND<2.7	ND<2.7	ND<2.8								NA	NA	NA	NA		
Cadmium	1,000	NE	NA	NA	NA	NA	NA	ND<0.54	ND<0.54	ND<0.56								NA	NA	NA	NA		
Chromium	NE	NE	NA	NA	NA	NA	NA	7.8	11	11								NA	NA	NA	NA		
Arsenic	10	NE	NA	NA	NA	NA	NA	1.3	1.2	1.4								NA	NA	NA	NA		
Barium	140,000	NE	NA	NA	NA	NA	NA	20	34	33								NA	NA	NA	NA		
Silver	10,000	NE	NA	NA	NA	NA	NA	ND<2.2	ND<2.1	ND<2.2								NA	NA	NA	NA		
Mercury	610	NE	NA	NA	NA	NA	NA	ND<0.14	ND<0.14	ND<0.13								NA	NA	NA	NA		
Pesticides (mg/kg)			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	0.36	0.007																					
Total DDT[2]	17	0.02																					
SPLP Pesticides (ug/L)		10x GWPC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SPLP DDT[2]	NE	1.0																					
Herbicides (mg/kg)			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Various Herbicides	Various	Various																					
Polychlorinated Biphenyls (PCBs) (mg/kg)								NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Total PCBs[3]	10	0.005	ND<0.11	ND<0.11	ND<0.11	ND<0.11	ND<0.11															ND<0.11	ND<0.11
% Solids	NE	NE	92	93	91	90	88	90	92	89	93	88	94	88	91	90	95	92	93	95	89	90	95

Notes:
Only parameters detected are shown
Bold values (not shaded) indicate exceedance of RDEC (only).
Shaded values indicate exceedance of IDEC.
Bold outline indicates exceedance of GB PMC.
ND = Not Detected at the indicated detection limit
NE = None Established
NA = Not Analyzed
RSR = Remediation Standard Regulations
IDEC = Industrial and Commercial Direct Exposure Criteria
PMC = Pollutant Mobility Criteria
Underlined criteria are based on 2015 DEEP pre-approved APS criteria (
*Detected PAHs believed to be exempt from PMC (polluted material exer
2 = Sum of all DDT related compounds (4,4-DDT, 4,4-DDE, and 4,4-DD
3 = GB PMC is in mg/L for PCBs, and is based on TCLP or SPLP analys

TABLE 1
Summary of Analytes Detected in Soil Samples
251 Freestone Avenue, Portland, CT

Compound	RSR Criteria IDEC	RSR Criteria GB PMC	TB-109 0-2' 8/9/2022	TB-111 4-6' 8/9/2022	TB-111 6-8' 8/9/2022	TB-112 4-6' 8/9/2022	TB-112 6-8' 8/9/2022	TB-113 4-6' 8/9/2022	TB-113 6-8' 8/9/2022	TB-114 0-2' 8/9/2022	TB-115 0-2' 8/9/2022	TB-116 0-2' 8/9/2022	TB-117 0-2' 8/9/2022	TB-118 6-8' 10/11/2022	TB-119 6-8' 10/11/2022	TB-120 9-10' 10/11/2022	TB-121 9-10' 10/11/2022	TB-122 2-10' 10/11/2022	TB-123 4-6' 10/11/2022	TB-124 1-3' 10/11/2022	TB-125 0-2' 10/11/2022
Petroleum Hydrocarbons (mg/kg)			NA							NA	NA	NA	NA							NA	NA
ETPH	2500	2500		**3000**	**1000**	240	NA	ND<54	ND<56					210	ND<55	**4200**	310	**830**	**3300**		
Petroleum Hydrocarbons (mg/L)		10xGWPC	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA					NA	NA
SPLP ETPH	NE	2.5					0.11									0.15			1.2		
VOCs (mg/kg)			NA							NA	NA	NA	NA							NA	NA
Methylene Chloride	760	1		ND<0.036	ND<0.043	ND<0.043	ND<0.048	ND<0.033	ND<0.038					ND<0.036	ND<0.093	ND<0.038	**ND<2.1**	ND<0.032	ND<0.033		
1,2-Dichloroethane	63	0.2		ND<0.036	ND<0.043	ND<0.043	ND<0.048	ND<0.033	ND<0.038					ND<0.036	ND<0.093	ND<0.038	ND<0.18	ND<0.0027	0.0046		
cis-1,2-Dichloroethylene	1,000	14		ND<0.036	ND<0.043	ND<0.043	ND<0.048	ND<0.033	ND<0.038					ND<0.036	ND<0.093	ND<0.038	ND<0.18	ND<0.0027	0.018		
Toluene	1,000	67		ND<0.003	ND<0.0036	ND<0.0036	ND<0.004	ND<0.0027	ND<0.0032					ND<0.003	ND<0.0031	ND<0.0032	ND<0.18	ND<0.0027	0.0037		
Chlorobenzene	1,000	20		ND<0.036	ND<0.043	ND<0.043	ND<0.048	ND<0.033	ND<0.038					ND<0.036	ND<0.093	ND<0.038	0.49	0.089	ND<0.0027		
Ethylbenzene	1,000	10.1		ND<0.003	ND<0.0036	ND<0.0036	ND<0.004	ND<0.0027	ND<0.0032					ND<0.003	ND<0.0031	ND<0.0032	3.8	ND<0.0027	0.58		
Total Xylenes	1,000	19.5		ND<0.003	ND<0.0036	ND<0.0036	ND<0.004	ND<0.0027	ND<0.0032					ND<0.003	ND<0.0031	ND<0.0032	17.7	0.283	4.1		
Styrene	1,000	20		ND<0.003	ND<0.0036	ND<0.0036	ND<0.004	ND<0.0027	ND<0.0032					ND<0.003	ND<0.0031	ND<0.0032	ND<0.18	ND<0.0027	ND<0.0027		
Isopropylbenzene	1,000	5		ND<0.003	ND<0.0036	ND<0.0036	ND<0.004	ND<0.0027	ND<0.0032					ND<0.003	ND<0.0031	ND<0.0032	ND<0.18	0.0027	0.14		
n-Propylbenzene	1,000	10		ND<0.003	ND<0.0036	ND<0.0036	ND<0.004	ND<0.0027	ND<0.0032					ND<0.003	ND<0.0031	ND<0.0032	0.43	0.0069	0.33		
2-Chlorotoluene	1,000	28		ND<0.003	ND<0.0036	ND<0.0036	ND<0.004	ND<0.0027	ND<0.0032					ND<0.003	ND<0.0031	ND<0.0032	ND<0.18	ND<0.0027	0.37		
1,3,5-Trimethylbenzene	1,000	28		ND<0.003	ND<0.0036	ND<0.0036	ND<0.004	ND<0.0027	ND<0.0032					ND<0.003	ND<0.0031	ND<0.0032	1.5	0.028	2.4		
1,2,4-Trimethylbenzene	1,000	28		ND<0.003	ND<0.0036	ND<0.0036	ND<0.004	ND<0.0027	ND<0.0032					ND<0.003	ND<0.0031	ND<0.0032	4.4	0.08	4.0		
sec-Butylbenzene	1,000	70		ND<0.003	ND<0.0036	ND<0.0036	ND<0.004	ND<0.0027	ND<0.0032					ND<0.003	ND<0.0031	ND<0.0032	0.22	0.0039	0.39		
1,3-Dichlorobenzene	1,000	120		ND<0.003	ND<0.0036	ND<0.0036	ND<0.004	ND<0.0027	ND<0.0032					ND<0.003	ND<0.0031	ND<0.0032	0.21	0.0042	1.8		
4-Isopropyltoluene	1,000	5		ND<0.003	ND<0.0036	ND<0.0036	ND<0.004	ND<0.0027	ND<0.0032					ND<0.003	ND<0.0031	ND<0.0032	0.29	0.0054	0.59		
1,4,-Dichlorobenzene	240	15		ND<0.003	ND<0.0036	ND<0.0036	ND<0.004	ND<0.0027	ND<0.0032					ND<0.003	ND<0.0031	ND<0.0032	1.6	0.03	1.6		
1,2-Dichlorobenzene	1,000	3.1		ND<0.003	ND<0.0036	ND<0.0036	ND<0.004	ND<0.0027	ND<0.0032					ND<0.003	ND<0.0031	ND<0.0032	3.0	0.006	**4.9**		
n-Butylbenzene	1,000	70		ND<0.003	ND<0.0036	ND<0.0036	ND<0.004	ND<0.0027	ND<0.0032					ND<0.003	ND<0.0031	ND<0.0032	0.24	0.0043	0.41		
1,2,4-Trichlorobenzene	200	14		ND<0.003	ND<0.0036	ND<0.0036	ND<0.004	ND<0.0027	ND<0.0032					ND<0.003	ND<0.0031	ND<0.0032	ND<0.18	ND<0.0027	0.0056		
Naphthalene	2,500	56		ND<0.003	ND<0.0036	ND<0.0036	ND<0.004	ND<0.0027	ND<0.0032					ND<0.0059	ND<0.0062	ND<0.0064	1.3	0.023	1.8		
SPLP VOCs (ug/L)		10xGWPC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA
Methylene Chloride	NE	50																	10		
Ethylbenzene	NE	7000																	32		
Total Xylenes	NE	5300																	72.7		
Isopropylbenzene	NE	250																	4.1		
n-Propylbenzene	NE	500																	9.7		
2-Chlorotoluene	NE	1400																	62		
1,3,5-Trimethylbenzene	NE	1400																	72		
sec-Butylbenzene	NE	3500																	5.0		
1,3-Dichlorobenzene	NE	6000																	15		
4-Isopropyltoluene	NE	250																	9.1		
1,2-Dichlorobenzene	NE	6000																	220		
n-Butylbenzene	NE	3500																	4.1		
1,2,4-Trichlorobenzene	NE	700																	5.1		
Naphthalene	NE	2800																	94		
1,2,3-Trichlorobenzene	NE	NE																	1.2		
PAHs (mg/kg)			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA
Naphthalene	2,500	56*																		0.33	
2-Methyl Naphthalene	1,000	5.6*																		ND<0.23	
Acenaphthylene	2,500	84*																		0.45	
Acenaphthene	2,500	84*																		1.1	
Fluorene	2,500	56*																		0.9	
Phenanthrene	2,500	40*																		15	
Anthracene	2,500	400*																		3.6	
Fluoranthene	2,500	56*																		25	
Pyrene	2,500	40*																		21	
Benzo(a)Anthracene	57	1*																		**10**	
Chrysene	780	1*																		**9.2**	
Benzo(b)Fluoranthene	57	1*																		**10**	
Benzo(k)Fluoranthene	57	1*																		**4.6**	
Benzo(a)Pyrene	5.7	1*																		**9.9**	
Indeno(1,2,3-cd)Pyrene	7.8	1*																		**6.0**	
Dibenz(a,h)anthracene	5.7	1*																		**1.6**	
Benzo(g,h,i)Perylene	78	1*																		**7.0**	
Total Metals (mg/kg)			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	1,000	NE																			
Selenium	10,000	NE																			
Cadmium	1,000	NE																			
Chromium	NE	NE																			
Arsenic	10	NE																			
Barium	140,000	NE																			
Silver	10,000	NE																			
Mercury	610	NE																			
Pesticides (mg/kg)			NA	NA	NA	NA	NA	NA	NA					NA	NA	NA	NA	NA	NA		NA
Dieldrin	0.36	0.007																		0.012	
Total DDT[2]	17	0.02								**0.146**	0.0105	ND<0.00058	0.0016							ND<0.00059	
SPLP Pesticides (ug/L)		10x GWPC	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SPLP DDT[2]	NE	1.0								ND<0.001											
Herbicides (mg/kg)			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Various Herbicides	Various	Various																			
Polychlorinated Biphenyls (PCBs) (mg/kg)				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs[3]	10	0.005	ND<0.11																		
% Solids	NE	NE	90	91	91	91	93	92	89	91	91	85	88	89	91	89	87	89	88	86	90

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NE = None Established
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RSR = Remediation Standard Regulations
IDEC = Industrial and Commercial Direct Exposure Criteria
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Underlined criteria are based on 2015 DEEP pre-approved APS criteria (
*Detected PAHs believed to be exempt from PMC (polluted material exer
2 = Sum of all DDT related compounds (4,4-DDT, 4,4-DDE, and 4,4-DD
3 = GB PMC is in mg/L for PCBs, and is based on TCLP or SPLP analys

TABLE 2

Summary of Analytes Detected in Post-Excavation Soil Samples

251 Freestone Avenue, Portland, CT

Compound	RSR Criteria			RA-5 (Northern Excavation)					RA-6 (Southern Excavation)								
	IDEC	GB PMC	10x GWPC	S-1 7-9' 1/5/2023	S-2 7-10' Excavated 1/5/2023	S-2A 8-10' 1/20/2023	S-3 7-10' 1/5/2023	S-4 8-10' 1/5/2023	S-5 2-5' Excavated 1/5/2023	S-5A 2-5' 1/20/2023	S-6 3-5' Excavated 1/5/2023	S-6A 3-5' 1/20/2023	S-7 3-6' Excavated 1/5/2023	S-7A 1-3' 1/20/2023	S-8 2-5' Excavated 1/5/2023	S-8A 2-5' 1/20/2023	B-1 6.5' Excavated 1/5/2023
Petroleum Hydrocarbons (mg/kg)																	
ETPH	2500	2500	NA	ND<55	**3,400**	ND<55	ND<55	ND<58	1,700		2,500		1,500		**10,000**	180	**11,000**
VOCs (mg/kg)				NA	NA	NA	NA	NA									
cis-1,2-Dichloroethylene	1,000	14	NA						ND<1.9	ND<2.3	1.1	1.3	ND<1.1	ND<0.49	ND<0.24	ND<0.41	ND<0.24
Toluene	1,000	67	NA						ND<1.9	ND<2.3	ND<1.1	ND<1	ND<1.1	ND<0.49	0.28	ND<0.41	0.51
Trans-1,4-Dischloro-2-Butene	NE	NE	NA						ND<9.6	ND<12	ND<5.4	25	ND<5.6	ND<2.4	ND<0.47	ND<2.1	ND<47
Ethylbenzene	1,000	10.1	NA						**20**	**36**	**14**	**32**	**11**	9	**77**	**11**	**72**
Total Xylenes	1,000	19.5	NA						**129**	**186**	**118**	**198**	**51.3**	**42.5**	**352**	**50.8**	**384**
Isopropylbenzene	1,000	5	NA						ND<1.9	ND<2.3	1.1	1.7	ND<1.1	0.49	4.3	0.58	4.5
n-Propylbenzene	1,000	10	NA						3.1	ND<2.3	ND<1.1	ND<1	1.3	ND<0.49	**14**	ND<0.41	**11**
2-Chlorotoluene	1,000	28	NA						ND<1.9	ND<2.3	6.4	ND<1	ND<1.1	ND<0.49	ND<9.4	ND<0.41	14
4-Chlorotoluene	1,000	28	NA						ND<1.9	ND<2.3	ND<1.1	ND<1	ND<1.1	ND<0.49	ND<9.4	ND<0.41	1.2
1,3,5-Trimethylbenzene	1,000	28	NA						21	23	26	28	5.7	6.3	**41**	5.1	**34**
tert-Butylbenzene	1,000	70	NA						ND<1.9	ND<2.3	ND<1.1	ND<1	ND<1.1	ND<0.49	1.9	ND<0.41	1.3
1,2,4-Trimethylbenzene	1,000	28	NA						ND<1.9	**63**	**67**	**71**	17	18	**120**	15	**48**
1,3-Dichlorobenzene	1,000	120	NA						ND<1.9	ND<2.3	ND<1.1	ND<1	ND<1.1	ND<0.49	7.5	ND<0.41	5.3
4-Isopropyltoluene	1,000	5	NA						4.0	4.8	**5.2**	**5.4**	ND<1.1	1.4	**16**	0.99	**9.2**
1,4,-Dichlorobenzene	240	15	NA						**21**	ND<2.3	14	ND<1	5.0	ND<0.49	**39**	ND<0.41	**33**
1,2-Dichlorobenzene	1,000	3.1	NA						**57**	**47**	**44**	**41**	**14**	**13**	**96**	11	**90**
n-Butylbenzene	1,000	70	NA						2.3	4	2.7	3	ND<1.1	0.99	24	0.91	7.9
1,2,4-Trichlorobenzene	200	14	NA						2.1	ND<2.3	1.6	1.3	ND<1.1	0.56	10	ND<0.41	4.3
Naphthalene	2,500	56	NA						16	12	17	14	3.8	3.6	26	3	37
									ND<3.8	ND<4.7	ND<2.2	ND<2	ND<2.2	ND<0.98	ND<19	ND<0.83	0.77
SPLP VOCs (ug/L)				NA	NA	NA	NA	NA	NA		NA		NA		NA		NA
Vinyl Chloride	NE	NE	20							ND<1		2.5		ND<1		ND<1	
cis-1,2-Dichloroethylene	NE	NE	700							ND<1		8.7		ND<1		ND<1	
1,2-Dichloroethane	NE	NE	10							ND<1		3.0		ND<1		ND<1	
Trichloroethane	NE	NE	50							ND<1		2.1		ND<1		ND<1	
Toluene	NE	NE	10,000							1.6		9		ND<1		ND<1	
Chlorobenzene	NE	NE	1000							3.2		10		ND<1		ND<1	
Ethylbenzene	NE	NE	7,000							290		660		43		190	
Total Xylenes	NE	NE	5,300							1570		2500		87		710	
Isopropylbenzene	NE	NE	250							17		18		3.4		12	
n-Propylbenzene	NE	NE	500							38		38		8.5		32	
1,3,5-Trimethylbenzene	NE	NE	1,400							190		200		58		120	
tert-Butylbenzene	NE	NE	3,500							4.8		5.7		2		3.4	
1,2,4-Trimethylbenzene	NE	NE	1,400							500		520		3.2		320	
1,3-Dichlorobenzene	NE	NE	6,000							35		30		8.3		16	
4-Isopropyltoluene	NE	NE	250							21		19		8.5		20	
1,4,-Dichlorobenzene	NE	NE	750							240		210		63		120	
1,2-Dichlorobenzene	NE	NE	6,000							680		680		170		280	
n-Butylbenzene	NE	NE	3,500							12		9.5		4.5		12	
1,2,4-Trichlorobenzene	NE	NE	700							12		10		5.9		5.6	
Naphthalene	NE	NE	2,800							200		230		53		95	
1,2,3-Trichlorobenzene	NE	NE	NE							2.4		2.1		ND<1		1.3	
% Solids	NE	NE	NE	90	86	90	89	86	84	87	88	88	86	88	87	87	86

Notes:

Only parameters detected are shown

Bold and shaded values indicate exceedance of IDEC and GB PMC.

ND = Not Detected at the indicated detection limit

NE = None Established

NA = Not Analyzed

RSR = Remediation Standard Regulations

IDEC = Industrial and Commercial Direct Exposure Criteria

PMC = Pollutant Mobility Criteria

Underlined criteria are based on 2015 DEEP pre-approved APS criteria (rev. 2018)

Appendix A

Proof of Public Notice

HEARST | CONNECTICUT MEDIA GROUP

Connecticut Post | Greenwich Time | New Haven Register | Stamford Advocate | The Middletown Press
The News-Times | The Norwalk Hour | The Register Citizen
Fairfield Citizen | New Canaan Advertiser | Shelton Herald | Shoreline Times | The Darien Times | The Dolphin | The Foothills Trader | The Litchfield County Times
The Milford Mirror | The Ridgefield Press | The Spectrum | The Trumbull Times | The Wilton Bulletin | West Hartford News | Westport News

TRITON ENVIRONMENTAL INC
385 CHURCH ST
SUITE 201
GUILFORD CT 06437

AFFIDAVIT OF PUBLICATION

STATE OF CONNECTICUT
COUNTY OF FAIRFIELD

I, _____

Being duly sworn, depose and say that I am a Representative in the employ of HEARST CONNECTICUT MEDIA GROUP, Publisher of the Middletown Press, that a LEGAL NOTICE as stated below was published in the Middletown Press.

Subscribed and sworn to before me on this 5th Day of December, A.D. 2022.

_____
Notary Public

My commission expires on

NOTICE OF REMEDIATION AND INTENT TO RECORD A NOTICE OF ACTIVITY AND USE LIMITATION

251 Freestone Avenue, Portland, CT
REM ID #14671

In accordance with Sections 22a-133q-3(b)(8)(A) and 22a-133k-1(d) of the Regulations of Connecticut State Agencies, 251 Freestone, LLC (having an address of 251 Freestone Avenue, Portland, CT 06480), the owner and party responsible for remediation of certain property known as 251 Freestone Avenue in Portland, Connecticut (the "Property"), intends to complete remedial actions and record a Notice of Activity and Use Limitation (NAUL) on the land records. The proposed remedial actions consist of the excavation and disposal of soil containing elevated concentrations of petroleum hydrocarbons. In addition, the owner intends apply for and record a NAUL, which will prohibit residential use of the Property and prohibit disturbance of inaccessible and environmentally isolated soil beneath a building at the Property. The substances found in soil at the Property are polynuclear aromatic hydrocarbons attributed to fill material historically placed at the Property and extractable total petroleum hydrocarbons attributed to an historical petroleum release.

Any interested person may obtain information regarding the proposed remedial actions or NAUL, or may submit comments by contacting Mr. Carver Glezen, Triton Environmental, Inc., 385 Church Street, Suite 201, Guilford, Connecticut, 06437, 203.458.7200, cglezen@tritonenvironmental.com. Public comments on the NAUL may be submitted via electronic mail or in writing for thirty (30) days after the date of publication of this notice.

PO Number
105338

Ad Caption
NOTICE OF REMEDIATION AI

Publication
Middletown Press

Ad Number
0002742291-01

Publication Schedule
11/25/2022

Classified MARKETPLACE

SERVING FAIRFIELD, LITCHFIELD, MIDDLESEX, NEW HAVEN AND NEW LONDON COUNTIES

WWW.NHREGISTER.COM/CLASSIFIEDS OR CALL 203-850-6628

Please check your ad on the first day it is published to make sure it is correct. If you find an error, please report it IMMEDIATELY. Call 203-850-6628
The ad deadline is 3pm for publication the following day. Friday @ 3pm for publication Sunday or Monday

PUBLIC NOTICES

Lower CT River Valley Region

2022-2050 Metropolitan Transportation Plan (MTP) Update

The Draft MTP for the Lower CT River Valley Region is being developed by the Lower CT River Valley Council of Governments (RiverCOG). The MTP is the vision for the region's transportation system for the next 25 years.

On 12/06/22 there will be an in-person public information meeting at 6:00 p.m. at 145 Dennison Road in Essex, CT. On 12/13/22 there will be a virtual public meeting at 6:00 p.m. to learn about the plan and provide input. [illegible]

NOTICE OF REMEDIATION AND INTENT TO RECORD A NOTICE OF ACTIVITY AND USE LIMITATION

251 Freestone Avenue, Portland, CT

[illegible]

PUBLIC NOTICES

NOTICE OF AUCTION

NOTICE TO: CANDIDA SANTOS - ASHLEY HILL
50 FERRY ST, APT 4D
MIDDLETOWN, CT 06457, CT 06457

Pursuant to Section 47a-42(c) of the Connecticut General Statutes, as amended, the City of Middletown will sell at auction certain possessions and personal effects of the above referenced individual(s) stored pursuant to said Statute on WEDNESDAY NOVEMBER 30, 2022 at 10AM

The auction will take place at B & M Logistics, LLC, 81 Industrial Park Access Road, Middlefield, CT. [illegible]

[illegible]

PUBLIC NOTICES

NOTICE OF AUCTION

NOTICE TO: MARIA ZAVAGLIA
24-26 ST. JOHN STREET APT. 24
MIDDLETOWN, CT 06457, CT 06457

Pursuant to Section 47a-42(c) of the Connecticut General Statutes, as amended, the City of Middletown will sell at auction certain possessions and personal effects of the above referenced individual(s) stored pursuant to said Statute on TUESDAY NOVEMBER 29, 2022 at 10AM

The auction will take place at B & M Logistics, LLC, 81 Industrial Park Access Road, Middlefield, CT. [illegible]

[illegible]

[illegible]

HOME FIRE PREPAREDNESS: FIRE EXTINGUISHER

[illegible]

American Red Cross

[illegible]

SUDOKU!

TODAY'S PUZZLE

Difficulty Level: INSANE

5			6			3	4	
		9						
	7			5	9		1	2
				6	4		7	
			7		8			
	4		5	9				
6	5		4	7			2	
						5		
	3	1			5			4

Fill the grid so that every row, column, and 3x3 box contains the digits 1 through 9.

The solution to today's puzzle will appear in tomorrow's publication.

YESTERDAY'S SOLUTION

[illegible]

PUBLIC NOTICES

Notice of Tentative Determination to Approve Structures, Dredging & Fill and Tidal Wetlands and Intent to Waive Public Hearing
Applicant: Jim Barthel
City/Town: Haddam

[illegible]

PROPOSED ACTIVITY

[illegible]

INFORMATION REQUESTS/PUBLIC COMMENT

[illegible]

PETITIONS FOR HEARING

[illegible]

Publication Date: November 25, 2022

Approved By:
Brian P. Thompson, Director
Land & Water Resources Division
Bureau of Water Protection and Land Reuse

ADA PUBLICATION STATEMENT

[illegible]

MERCHANDISE FOR SALE

[illegible]

WANTED TO BUY

LOOK

[illegible]

VEHICLES WANTED

[illegible]

CARPENTRY

CARPENTER SERVICES

[illegible]

Call Skip 860-301-6343

What should I do during a power outage?

[illegible]

TRITON ENVIRONMENTAL, INC.
Environmental Consulting & Engineering

November 22, 2022

Mr. Ryan Curly
Portland First Selectman
Portland City Hall
P.O. Box 71
Portland CT 06480-0071

RE: Notice of Remediation and Intent to Record a Notice of Activity and Use Limitation
251 Freestone Avenue, Portland, CT
REM ID #14670 and #14671

Dear Mr. Curly:

In accordance with Sections 22a-133q-3(b)(8)(A) and 22a-133k-1(d) of the Regulations of Connecticut State Agencies, 251 Freestone, LLC (having an address of 525 Ella Grasso Boulevard in New Haven, CT 06532), the owner and party responsible for remediation of certain property known as 251 Freestone Avenue in Portland, Connecticut (the "Property"), intends to complete remedial actions and record a Notice of Activity and Use Limitation (NAUL) on the land records. The proposed remedial actions consist of the excavation and disposal of soil containing elevated concentrations of petroleum hydrocarbons. In addition, the owner intends apply for and record a NAUL, that will prohibit residential use of the Property and prohibit disturbance of inaccessible and environmentally isolated soil beneath a building at the Property. The substances found in soil at the Property are polynuclear aromatic hydrocarbons attributed to fill material historically placed at the Property and extractable total petroleum hydrocarbons attributed to an historical petroleum release.

Any interested person may obtain information regarding the proposed remedial actions or NAUL, or may submit comments by contacting Mr. Carver Glezen, Triton Environmental, Inc., 385 Church Street, Suite 201, Guilford, Connecticut, 06437, 203.458.7200, cglezen@tritonenvironmental.com. Public comments on the NAUL may be submitted via electronic mail or in writing for thirty (30) days after the date of publication of this notice.

Sincerely,

J. Carver Glezen, LEP
Senior Vice President

cc: Chris Dickman, 251 Freestone, LLC

Ref. No. 105338L04

TRITON ENVIRONMENTAL, INC.
Environmental Consulting & Engineering

November 22, 2022

Mr. Russell Melmed
Director of Health
Chatham Health District
240 Middletown Avenue
East Hampton, CT 06424

RE: Notice of Remediation and Intent to Record a Notice of Activity and Use Limitation
251 Freestone Avenue, Portland, CT
REM ID #14670 and #14671

Dear Mr. Melmed:

In accordance with Sections 22a-133q-3(b)(8)(A) and 22a-133k-1(d) of the Regulations of Connecticut State Agencies, 251 Freestone, LLC (having an address of 525 Ella Grasso Boulevard in New Haven, CT 06532), the owner and party responsible for remediation of certain property known as 251 Freestone Avenue in Portland, Connecticut (the "Property"), intends to complete remedial actions and record a Notice of Activity and Use Limitation (NAUL) on the land records. The proposed remedial actions consist of the excavation and disposal of soil containing elevated concentrations of petroleum hydrocarbons. In addition, the owner intends apply for and record a NAUL, that will prohibit residential use of the Property and prohibit disturbance of inaccessible and environmentally isolated soil beneath a building at the Property. The substances found in soil at the Property are polynuclear aromatic hydrocarbons attributed to fill material historically placed at the Property and extractable total petroleum hydrocarbons attributed to an historical petroleum release.

Any interested person may obtain information regarding the proposed remedial actions or NAUL, or may submit comments by contacting Mr. Carver Glezen, Triton Environmental, Inc., 385 Church Street, Suite 201, Guilford, Connecticut, 06437, 203.458.7200, cglezen@tritonenvironmental.com. Public comments on the NAUL may be submitted via electronic mail or in writing for thirty (30) days after the date of publication of this notice.

Sincerely,

J. Carver Glezen, LEP
Senior Vice President

cc: Chris Dickman, 251 Freestone, LLC

Ref. No. 105338L03

Appendix B

Photographs

Photograph 1
RA-5 area

Photograph 2
Dry well at RA-5

Photograph 3
Excavation of RA-5

Photograph 4
Excavation at RA-5

Photograph 5
RA-6 area

Photograph 6
Dry well at RA-6

Photograph 7
Initial RA-6 excavation limits

Photograph 8
Additional soil removal at RA-6

Appendix C

Laboratory Analytical Reports

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Zachary Hawk
Triton Environmental
385 Church St.
Guilford, CT 06437

Analytical Report

CET# 3010100

Report Date:January 13, 2023
Project: 105338
Project Number: 105338, Portland
PO Number: 105338

Connecticut Laboratory Certificate: PH 0116
Massachusetts Laboratory Certificate: M-CT903
Rhode Island Laboratory Certificate: 199

New York NELAP Accreditation: 11982
Pennsylvania Laboratory Certificate: 68-02927

CET # : 3010100
Project: 105338
Project Number: 105338, Portland

SAMPLE SUMMARY

The sample(s) were received at 5.9°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
S-1 7-9ft	3010100-01	Soil	1/05/2023 12:40	01/06/2023
S-2 7-10ft	3010100-02	Soil	1/05/2023 12:30	01/06/2023
S-3 7-10ft	3010100-03	Soil	1/05/2023 12:35	01/06/2023
S-4 8-10ft	3010100-04	Soil	1/06/2023 8:40	01/06/2023
S-5 2-5ft	3010100-05	Soil	1/06/2023 8:10	01/06/2023
S-6 3-5ft	3010100-06	Soil	1/06/2023 8:20	01/06/2023
S-7 3-6ft	3010100-07	Soil	1/06/2023 8:25	01/06/2023
S-8 2-5ft	3010100-08	Soil	1/06/2023 8:30	01/06/2023
B-1 6.5ft	3010100-09	Soil	1/06/2023 8:35	01/06/2023

Analyte: Percent Solids [SM 2540 G]

Analyst: JRF

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
3010100-01	S-1 7-9ft	90	1.0	%	1	B3A0614	01/06/2023	01/06/2023 15:50	
3010100-02	S-2 7-10ft	86	1.0	%	1	B3A0614	01/06/2023	01/06/2023 15:50	
3010100-03	S-3 7-10ft	89	1.0	%	1	B3A0614	01/06/2023	01/06/2023 15:50	
3010100-04	S-4 8-10ft	86	1.0	%	1	B3A0614	01/06/2023	01/06/2023 15:50	
3010100-05	S-5 2-5ft	84	1.0	%	1	B3A0614	01/06/2023	01/06/2023 15:50	
3010100-06	S-6 3-5ft	88	1.0	%	1	B3A0614	01/06/2023	01/06/2023 15:50	
3010100-07	S-7 3-6ft	86	1.0	%	1	B3A0614	01/06/2023	01/06/2023 15:50	
3010100-08	S-8 2-5ft	87	1.0	%	1	B3A0614	01/06/2023	01/06/2023 15:50	
3010100-09	B-1 6.5ft	86	1.0	%	1	B3A0614	01/06/2023	01/06/2023 15:50	

Client Sample ID S-1 7-9ft

Lab ID: 3010100-01

Conn. Extractable TPH **Analyst: PDS**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	55	1	EPA 3550C	B3A0640	01/06/2023	01/07/2023 03:53	
Surrogate: Octacosane	*98.0 %*	*50 - 150*			B3A0640	01/06/2023	*01/07/2023 03:53*	

Client Sample ID S-2 7-10ft

Lab ID: 3010100-02

Conn. Extractable TPH **Analyst: PDS**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**3400**	57	1	EPA 3550C	B3A0640	01/06/2023	01/07/2023 04:14	3
Surrogate: Octacosane	*97.4 %*	*50 - 150*			B3A0640	01/06/2023	*01/07/2023 04:14*	

3 C18-C36 Motor Oil Range

Client Sample ID S-3 7-10ft

Lab ID: 3010100-03

Conn. Extractable TPH **Analyst: PDS**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	55	1	EPA 3550C	B3A0640	01/06/2023	01/07/2023 04:35	
Surrogate: Octacosane	*97.4 %*	*50 - 150*			B3A0640	01/06/2023	*01/07/2023 04:35*	

CET # : 3010100
Project: 105338
Project Number: 105338, Portland

Client Sample ID S-4 8-10ft

Lab ID: 3010100-04

Conn. Extractable TPH

Method: CT-ETPH

Analyst: PDS

Matrix: Soil

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	58	1	EPA 3550C	B3A0640	01/06/2023	01/07/2023 04:56	
Surrogate: Octacosane	*97.0 %*	*50 - 150*			B3A0640	01/06/2023	*01/07/2023 04:56*	

Client Sample ID S-5 2-5ft

Lab ID: 3010100-05

Conn. Extractable TPH **Analyst: PDS**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**1700**	60	1	EPA 3550C	B3A0640	01/06/2023	01/07/2023 05:18	5, R
Surrogate: Octacosane	*99.1 %*	*50 - 150*			B3A0640	01/06/2023	*01/07/2023 05:18*	

5 C9-C14 Gasoline Range
R C18-C36 unknown

Volatile Organics **Analyst: RAN**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	5700	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	*F2
Chloromethane	ND	3800	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	*F2*C2
Vinyl Chloride	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	*F2
Bromomethane	ND	3800	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
Chloroethane	ND	3800	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
Trichlorofluoromethane	ND	15000	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
Acetone	ND	57000	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	*C2
Acrylonitrile	ND	3100	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	*I
Trichlorotrifluoroethane	ND	15000	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
1,1-Dichloroethene	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
Methylene Chloride	ND	23000	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	*F2*C2
Carbon Disulfide	ND	3800	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
Methyl-t-Butyl Ether (MTBE)	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
trans-1,2-Dichloroethene	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
1,1-Dichloroethane	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
2-Butanone (MEK)	ND	9600	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	*C2
2,2-Dichloropropane	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
cis-1,2-Dichloroethene	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
Bromochloromethane	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
Chloroform	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
Tetrahydrofuran	ND	9600	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	*C2*I
1,1,1-Trichloroethane	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
Carbon Tetrachloride	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
1,1-Dichloropropene	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
Benzene	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
1,2-Dichloroethane	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
Trichloroethene	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	

Client Sample ID S-5 2-5ft

Lab ID: 3010100-05

Volatile Organics **Analyst: RAN**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,2-Dichloropropane	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
Dibromomethane	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
Bromodichloromethane	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
Methyl Isobutyl Ketone	ND	9600	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
cis-1,3-Dichloropropene	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
Toluene	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
trans-1,3-Dichloropropene	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
2-Hexanone	ND	9600	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
1,1,2-Trichloroethane	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
Tetrachloroethene	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
1,3-Dichloropropane	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
Dibromochloromethane	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
1,2-Dibromoethane	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
trans-1,4-Dichloro-2-Butene	ND	9600	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	*C2
Chlorobenzene	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
1,1,1,2-Tetrachloroethane	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
Ethylbenzene	**20000**	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
m+p Xylenes	**100000**	3800	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
o-Xylene	**29000**	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
Styrene	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
Bromoform	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
Isopropylbenzene	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
1,1,2,2-Tetrachloroethane	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
Bromobenzene	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
1,2,3-Trichloropropane	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
n-Propylbenzene	**3100**	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
2-Chlorotoluene	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
4-Chlorotoluene	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
1,3,5-Trimethylbenzene	**21000**	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
tert-Butylbenzene	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
1,2,4-Trimethylbenzene	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
sec-Butylbenzene	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
1,3-Dichlorobenzene	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
4-Isopropyltoluene	**4000**	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
1,4-Dichlorobenzene	**21000**	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
1,2-Dichlorobenzene	**57000**	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
n-Butylbenzene	**2300**	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
1,2-Dibromo-3-Chloropropane	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	*I
1,2,4-Trichlorobenzene	**2100**	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
Hexachlorobutadiene	ND	1900	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
Naphthalene	**16000**	3800	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	*I

Client Sample ID S-5 2-5ft

Lab ID: 3010100-05

Volatile Organics **Analyst: RAN**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,2,3-Trichlorobenzene	ND	3800	642.26	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:18	
Surrogate: 1,2-Dichloroethane-d4	*97.9 %*		*70 - 130*		B3A1117	01/11/2023	*01/11/2023 17:18*	
Surrogate: Toluene-d8	*102 %*		*70 - 130*		B3A1117	01/11/2023	*01/11/2023 17:18*	
Surrogate: 4-Bromofluorobenzene	*107 %*		*70 - 130*		B3A1117	01/11/2023	*01/11/2023 17:18*	

Client Sample ID S-6 3-5ft

Lab ID: 3010100-06

Conn. Extractable TPH **Analyst: PDS**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**2500**	56	1	EPA 3550C	B3A0640	01/06/2023	01/07/2023 05:39	5, R
Surrogate: Octacosane	*98.7 %*	*50 - 150*			B3A0640	01/06/2023	*01/07/2023 05:39*	

5 C9-C14 Gasoline Range
R C18-C36 unknown

Volatile Organics **Analyst: RAN**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	3200	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	*F2
Chloromethane	ND	2200	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	*F2*C2
Vinyl Chloride	ND	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	*F2
Bromomethane	ND	2200	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
Chloroethane	ND	2200	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
Trichlorofluoromethane	ND	8600	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
Acetone	ND	32000	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	*C2
Acrylonitrile	ND	1700	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	*I
Trichlorotrifluoroethane	ND	8600	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
1,1-Dichloroethene	ND	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
Methylene Chloride	ND	13000	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	*F2*C2
Carbon Disulfide	ND	2200	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
Methyl-t-Butyl Ether (MTBE)	ND	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
trans-1,2-Dichloroethene	ND	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
1,1-Dichloroethane	ND	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
2-Butanone (MEK)	ND	5400	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	*C2
2,2-Dichloropropane	ND	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
cis-1,2-Dichloroethene	**1100**	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
Bromochloromethane	ND	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
Chloroform	ND	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
Tetrahydrofuran	ND	5400	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	*C2*I
1,1,1-Trichloroethane	ND	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
Carbon Tetrachloride	ND	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
1,1-Dichloropropene	ND	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
Benzene	ND	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
1,2-Dichloroethane	ND	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
Trichloroethene	ND	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	

Client Sample ID S-6 3-5ft

Lab ID: 3010100-06

Volatile Organics **Analyst: RAN**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,2-Dichloropropane	ND	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
Dibromomethane	ND	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
Bromodichloromethane	ND	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
Methyl Isobutyl Ketone	ND	5400	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
cis-1,3-Dichloropropene	ND	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
Toluene	ND	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
trans-1,3-Dichloropropene	ND	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
2-Hexanone	ND	5400	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
1,1,2-Trichloroethane	ND	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
Tetrachloroethene	ND	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
1,3-Dichloropropane	ND	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
Dibromochloromethane	ND	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
1,2-Dibromoethane	ND	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
trans-1,4-Dichloro-2-Butene	ND	5400	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	*C2
Chlorobenzene	ND	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
1,1,1,2-Tetrachloroethane	ND	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
Ethylbenzene	**14000**	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
m+p Xylenes	**93000**	2200	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
o-Xylene	**25000**	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
Styrene	ND	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
Bromoform	ND	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
Isopropylbenzene	**1100**	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
1,1,2,2-Tetrachloroethane	ND	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
Bromobenzene	ND	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
1,2,3-Trichloropropane	ND	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
n-Propylbenzene	ND	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
2-Chlorotoluene	**6400**	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
4-Chlorotoluene	ND	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
1,3,5-Trimethylbenzene	**26000**	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
tert-Butylbenzene	ND	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
1,2,4-Trimethylbenzene	**67000**	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
sec-Butylbenzene	ND	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
1,3-Dichlorobenzene	ND	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
4-Isopropyltoluene	**5200**	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
1,4-Dichlorobenzene	**14000**	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
1,2-Dichlorobenzene	**44000**	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
n-Butylbenzene	**2700**	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
1,2-Dibromo-3-Chloropropane	ND	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	*I
1,2,4-Trichlorobenzene	**1600**	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
Hexachlorobutadiene	ND	1100	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
Naphthalene	**17000**	2200	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	*I

Client Sample ID S-6 3-5ft

Lab ID: 3010100-06

Volatile Organics **Analyst: RAN**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,2,3-Trichlorobenzene	ND	2200	378.21	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 17:40	
Surrogate: 1,2-Dichloroethane-d4	*105 %*		*70 - 130*		B3A1117	01/11/2023	*01/11/2023 17:40*	
Surrogate: Toluene-d8	*103 %*		*70 - 130*		B3A1117	01/11/2023	*01/11/2023 17:40*	
Surrogate: 4-Bromofluorobenzene	*113 %*		*70 - 130*		B3A1117	01/11/2023	*01/11/2023 17:40*	

Client Sample ID S-7 3-6ft

Lab ID: 3010100-07

Conn. Extractable TPH **Analyst: PDS**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**1500**	58	1	EPA 3550C	B3A0640	01/06/2023	01/07/2023 06:00	2, 5, Ra
Surrogate: Octacosane	*94.6 %*	*50 - 150*			B3A0640	01/06/2023	*01/07/2023 06:00*	

2 C9-C28 Fuel Oil Range
5 C9-C14 Gasoline Range
Ra C29-C36 unknown

Volatile Organics **Analyst: RAN**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	3400	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	*F2
Chloromethane	ND	2200	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	*F2*C2
Vinyl Chloride	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	*F2
Bromomethane	ND	2200	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
Chloroethane	ND	2200	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
Trichlorofluoromethane	ND	8900	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
Acetone	ND	34000	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	*C2
Acrylonitrile	ND	1800	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	*I
Trichlorotrifluoroethane	ND	8900	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
1,1-Dichloroethene	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
Methylene Chloride	ND	13000	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	*F2*C2
Carbon Disulfide	ND	2200	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
Methyl-t-Butyl Ether (MTBE)	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
trans-1,2-Dichloroethene	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
1,1-Dichloroethane	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
2-Butanone (MEK)	ND	5600	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	*C2
2,2-Dichloropropane	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
cis-1,2-Dichloroethene	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
Bromochloromethane	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
Chloroform	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
Tetrahydrofuran	ND	5600	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	*C2*I
1,1,1-Trichloroethane	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
Carbon Tetrachloride	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
1,1-Dichloropropene	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
Benzene	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
1,2-Dichloroethane	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	

Client Sample ID S-7 3-6ft

Lab ID: 3010100-07

Volatile Organics **Analyst: RAN**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Trichloroethene	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
1,2-Dichloropropane	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
Dibromomethane	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
Bromodichloromethane	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
Methyl Isobutyl Ketone	ND	5600	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
cis-1,3-Dichloropropene	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
Toluene	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
trans-1,3-Dichloropropene	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
2-Hexanone	ND	5600	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
1,1,2-Trichloroethane	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
Tetrachloroethene	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
1,3-Dichloropropane	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
Dibromochloromethane	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
1,2-Dibromoethane	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
trans-1,4-Dichloro-2-Butene	ND	5600	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	*C2
Chlorobenzene	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
1,1,1,2-Tetrachloroethane	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
Ethylbenzene	**11000**	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
m+p Xylenes	**42000**	2200	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
o-Xylene	**9300**	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
Styrene	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
Bromoform	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
Isopropylbenzene	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
1,1,2,2-Tetrachloroethane	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
Bromobenzene	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
1,2,3-Trichloropropane	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
n-Propylbenzene	**1300**	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
2-Chlorotoluene	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
4-Chlorotoluene	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
1,3,5-Trimethylbenzene	**5700**	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
tert-Butylbenzene	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
1,2,4-Trimethylbenzene	**17000**	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
sec-Butylbenzene	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
1,3-Dichlorobenzene	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
4-Isopropyltoluene	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
1,4-Dichlorobenzene	**5000**	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
1,2-Dichlorobenzene	**14000**	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
n-Butylbenzene	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
1,2-Dibromo-3-Chloropropane	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	*I
1,2,4-Trichlorobenzene	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
Hexachlorobutadiene	ND	1100	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	

Client Sample ID S-7 3-6ft

Lab ID: 3010100-07

Volatile Organics **Analyst: RAN**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	**3800**	2200	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	*I
1,2,3-Trichlorobenzene	ND	2200	383.14	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:01	
Surrogate: 1,2-Dichloroethane-d4	*95.7 %*		*70 - 130*		B3A1117	01/11/2023	*01/11/2023 18:01*	
Surrogate: Toluene-d8	*103 %*		*70 - 130*		B3A1117	01/11/2023	*01/11/2023 18:01*	
Surrogate: 4-Bromofluorobenzene	*107 %*		*70 - 130*		B3A1117	01/11/2023	*01/11/2023 18:01*	

Client Sample ID S-8 2-5ft

Lab ID: 3010100-08

Conn. Extractable TPH **Analyst: PDS**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**10000**	57	1	EPA 3550C	B3A0640	01/06/2023	01/07/2023 06:21	5, R
Surrogate: Octacosane	*96.9 %*	*50 - 150*			B3A0640	01/06/2023	*01/07/2023 06:21*	

5 C9-C14 Gasoline Range
R C18-C36 unknown

Volatile Organics **Analyst: RAN**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	280	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	*F2
Chloromethane	ND	190	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	*F2*C2
Vinyl Chloride	ND	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	*F2
Bromomethane	ND	190	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
Chloroethane	ND	190	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
Trichlorofluoromethane	ND	760	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
Acetone	ND	2800	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	*C2
Acrylonitrile	ND	150	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	*I
Trichlorotrifluoroethane	ND	760	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
1,1-Dichloroethene	ND	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
Methylene Chloride	ND	1100	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	*F2*C2
Carbon Disulfide	ND	190	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
Methyl-t-Butyl Ether (MTBE)	ND	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
trans-1,2-Dichloroethene	ND	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
1,1-Dichloroethane	ND	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
2-Butanone (MEK)	ND	470	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	*C2
2,2-Dichloropropane	ND	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
cis-1,2-Dichloroethene	ND	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
Bromochloromethane	ND	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
Chloroform	ND	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
Tetrahydrofuran	ND	470	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	*C2*I
1,1,1-Trichloroethane	ND	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
Carbon Tetrachloride	ND	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
1,1-Dichloropropene	ND	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
Benzene	ND	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
1,2-Dichloroethane	ND	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
Trichloroethene	ND	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	

Client Sample ID S-8 2-5ft

Lab ID: 3010100-08

Volatile Organics **Analyst: RAN**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,2-Dichloropropane	ND	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
Dibromomethane	ND	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
Bromodichloromethane	ND	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
Methyl Isobutyl Ketone	ND	470	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
cis-1,3-Dichloropropene	ND	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
Toluene	**280**	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
trans-1,3-Dichloropropene	ND	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
2-Hexanone	ND	470	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
1,1,2-Trichloroethane	ND	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
Tetrachloroethene	ND	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
1,3-Dichloropropane	ND	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
Dibromochloromethane	ND	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
1,2-Dibromoethane	ND	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
trans-1,4-Dichloro-2-Butene	ND	470	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	*C2
Chlorobenzene	ND	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
1,1,1,2-Tetrachloroethane	ND	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
Ethylbenzene	**18000**	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	E
m+p Xylenes	**21000**	190	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	E
o-Xylene	**20000**	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	E
Styrene	ND	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
Bromoform	ND	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
Isopropylbenzene	**4300**	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
1,1,2,2-Tetrachloroethane	ND	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
Bromobenzene	ND	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
1,2,3-Trichloropropane	ND	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
n-Propylbenzene	**11000**	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	E
2-Chlorotoluene	ND	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
4-Chlorotoluene	ND	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
1,3,5-Trimethylbenzene	**21000**	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	E
tert-Butylbenzene	**1900**	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
1,2,4-Trimethylbenzene	**29000**	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	E
sec-Butylbenzene	ND	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
1,3-Dichlorobenzene	**7500**	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
4-Isopropyltoluene	**9300**	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	E
1,4-Dichlorobenzene	**18000**	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	E
1,2-Dichlorobenzene	**43000**	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	E
n-Butylbenzene	**8000**	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	E
1,2-Dibromo-3-Chloropropane	ND	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	*I
1,2,4-Trichlorobenzene	**280**	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
Hexachlorobutadiene	ND	94	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
Naphthalene	**6200**	190	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	*I

Client Sample ID S-8 2-5ft

Lab ID: 3010100-08

Volatile Organics **Analyst: RAN**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,2,3-Trichlorobenzene	ND	190	32.92	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 18:23	
Surrogate: 1,2-Dichloroethane-d4	*92.3 %*		*70 - 130*		B3A1117	01/11/2023	*01/11/2023 18:23*	
Surrogate: Toluene-d8	*101 %*		*70 - 130*		B3A1117	01/11/2023	*01/11/2023 18:23*	
Surrogate: 4-Bromofluorobenzene	*112 %*		*70 - 130*		B3A1117	01/11/2023	*01/11/2023 18:23*	

Client Sample ID S-8 2-5ft

Lab ID: 3010100-08RE1(Dilution)

Volatile Organics **Analyst: RAN**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	28000	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	*F2*C2
Chloromethane	ND	19000	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
Vinyl Chloride	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
Bromomethane	ND	19000	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
Chloroethane	ND	19000	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
Trichlorofluoromethane	ND	76000	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
Acetone	ND	280000	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	*I
Acrylonitrile	ND	15000	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
Trichlorotrifluoroethane	ND	76000	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
1,1-Dichloroethene	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	*F2*C2
Methylene Chloride	ND	110000	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	*F2*C2
Carbon Disulfide	ND	19000	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	*F2*C2*I
Methyl-t-Butyl Ether (MTBE)	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
trans-1,2-Dichloroethene	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	*F2*C2
1,1-Dichloroethane	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
2-Butanone (MEK)	ND	47000	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	*I
2,2-Dichloropropane	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
cis-1,2-Dichloroethene	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
Bromochloromethane	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
Chloroform	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
Tetrahydrofuran	ND	47000	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
1,1,1-Trichloroethane	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
Carbon Tetrachloride	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
1,1-Dichloropropene	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
Benzene	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
1,2-Dichloroethane	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
Trichloroethene	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
1,2-Dichloropropane	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
Dibromomethane	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
Bromodichloromethane	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
Methyl Isobutyl Ketone	ND	47000	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
cis-1,3-Dichloropropene	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
Toluene	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
trans-1,3-Dichloropropene	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
2-Hexanone	ND	47000	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
1,1,2-Trichloroethane	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
Tetrachloroethene	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
1,3-Dichloropropane	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
Dibromochloromethane	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
1,2-Dibromoethane	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	

Client Sample ID S-8 2-5ft

Lab ID: 3010100-08RE1(Dilution)

Volatile Organics **Analyst: RAN**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
trans-1,4-Dichloro-2-Butene	ND	47000	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	*F2*C2
Chlorobenzene	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
1,1,1,2-Tetrachloroethane	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
Ethylbenzene	**77000**	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
m+p Xylenes	**290000**	19000	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
o-Xylene	**62000**	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
Styrene	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
Bromoform	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
Isopropylbenzene	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
1,1,2,2-Tetrachloroethane	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
Bromobenzene	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
1,2,3-Trichloropropane	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
n-Propylbenzene	**14000**	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
2-Chlorotoluene	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
4-Chlorotoluene	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
1,3,5-Trimethylbenzene	**41000**	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
tert-Butylbenzene	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
1,2,4-Trimethylbenzene	**120000**	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
sec-Butylbenzene	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
1,3-Dichlorobenzene	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
4-Isopropyltoluene	**16000**	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
1,4-Dichlorobenzene	**39000**	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
1,2-Dichlorobenzene	**96000**	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
n-Butylbenzene	**24000**	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
1,2-Dibromo-3-Chloropropane	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
1,2,4-Trichlorobenzene	**10000**	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
Hexachlorobutadiene	ND	9400	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
Naphthalene	**26000**	19000	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
1,2,3-Trichlorobenzene	ND	19000	3291.64	EPA 5035A-H	B3A1334	01/13/2023	01/13/2023 12:04	
Surrogate: 1,2-Dichloroethane-d4	*101 %*		*70 - 130*		B3A1334	01/13/2023	*01/13/2023 12:04*	
Surrogate: Toluene-d8	*99.6 %*		*70 - 130*		B3A1334	01/13/2023	*01/13/2023 12:04*	
Surrogate: 4-Bromofluorobenzene	*96.8 %*		*70 - 130*		B3A1334	01/13/2023	*01/13/2023 12:04*	

Client Sample ID B-1 6.5ft

Lab ID: 3010100-09

Conn. Extractable TPH **Analyst: PDS**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**11000**	57	1	EPA 3550C	B3A0640	01/06/2023	01/07/2023 06:43	5, R
Surrogate: Octacosane	*96.1 %*	*50 - 150*			B3A0640	01/06/2023	*01/07/2023 06:43*	

5 C9-C14 Gasoline Range
R C18-C36 unknown

Volatile Organics **Analyst: RAN**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	720	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
Chloromethane	ND	480	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
Vinyl Chloride	ND	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
Bromomethane	ND	480	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
Chloroethane	ND	480	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
Trichlorofluoromethane	ND	1900	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
Acetone	ND	7200	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
Acrylonitrile	ND	380	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	*I
Trichlorotrifluoroethane	ND	1900	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
1,1-Dichloroethene	ND	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	*C2
Methylene Chloride	ND	2900	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
Carbon Disulfide	ND	480	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	*F2*C2
Methyl-t-Butyl Ether (MTBE)	ND	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
trans-1,2-Dichloroethene	ND	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
1,1-Dichloroethane	ND	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
2-Butanone (MEK)	ND	1200	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
2,2-Dichloropropane	ND	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
cis-1,2-Dichloroethene	ND	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
Bromochloromethane	ND	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
Chloroform	ND	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
Tetrahydrofuran	ND	1200	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	*I
1,1,1-Trichloroethane	ND	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
Carbon Tetrachloride	ND	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
1,1-Dichloropropene	ND	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
Benzene	ND	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
1,2-Dichloroethane	ND	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
Trichloroethene	ND	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	

Client Sample ID B-1 6.5ft

Lab ID: 3010100-09

Volatile Organics **Analyst: RAN**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,2-Dichloropropane	ND	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
Dibromomethane	ND	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
Bromodichloromethane	ND	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
Methyl Isobutyl Ketone	ND	1200	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
cis-1,3-Dichloropropene	ND	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
Toluene	**510**	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
trans-1,3-Dichloropropene	ND	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
2-Hexanone	ND	1200	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
1,1,2-Trichloroethane	ND	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
Tetrachloroethene	ND	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
1,3-Dichloropropane	ND	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
Dibromochloromethane	ND	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
1,2-Dibromoethane	ND	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
trans-1,4-Dichloro-2-Butene	ND	1200	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
Chlorobenzene	ND	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
1,1,1,2-Tetrachloroethane	ND	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
Ethylbenzene	**42000**	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	E
m+p Xylenes	**83000**	480	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	E
o-Xylene	**43000**	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	E
Styrene	ND	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
Bromoform	ND	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
Isopropylbenzene	**4500**	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
1,1,2,2-Tetrachloroethane	ND	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
Bromobenzene	ND	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
1,2,3-Trichloropropane	ND	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
n-Propylbenzene	**11000**	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
2-Chlorotoluene	**14000**	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
4-Chlorotoluene	**1200**	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
1,3,5-Trimethylbenzene	**29000**	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	E
tert-Butylbenzene	**1300**	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
1,2,4-Trimethylbenzene	**48000**	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	E
sec-Butylbenzene	ND	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
1,3-Dichlorobenzene	**5300**	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
4-Isopropyltoluene	**9200**	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
1,4-Dichlorobenzene	**25000**	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	E
1,2-Dichlorobenzene	**64000**	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	E
n-Butylbenzene	**7900**	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
1,2-Dibromo-3-Chloropropane	ND	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	*I
1,2,4-Trichlorobenzene	**4300**	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
Hexachlorobutadiene	ND	240	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
Naphthalene	**37000**	480	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	E*I

Client Sample ID B-1 6.5ft

Lab ID: 3010100-09

Volatile Organics **Analyst: RAN**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,2,3-Trichlorobenzene	**770**	480	82.37	EPA 5035A-H	B3A0955	01/09/2023	01/09/2023 19:39	
Surrogate: 1,2-Dichloroethane-d4	*93.1 %*		*70 - 130*		B3A0955	01/09/2023	*01/09/2023 19:39*	
Surrogate: Toluene-d8	*102 %*		*70 - 130*		B3A0955	01/09/2023	*01/09/2023 19:39*	
Surrogate: 4-Bromofluorobenzene	*113 %*		*70 - 130*		B3A0955	01/09/2023	*01/09/2023 19:39*	

Client Sample ID B-1 6.5ft

Lab ID: 3010100-09RE1(Dilution)

Volatile Organics **Analyst: RAN**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	14000	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	*F2
Chloromethane	ND	9600	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	*F2*C2
Vinyl Chloride	ND	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	*F2
Bromomethane	ND	9600	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
Chloroethane	ND	9600	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
Trichlorofluoromethane	ND	38000	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
Acetone	ND	140000	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	*C2
Acrylonitrile	ND	7600	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	*I
Trichlorotrifluoroethane	ND	38000	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
1,1-Dichloroethene	ND	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
Methylene Chloride	ND	57000	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	*F2*C2
Carbon Disulfide	ND	9600	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
Methyl-t-Butyl Ether (MTBE)	ND	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
trans-1,2-Dichloroethene	ND	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
1,1-Dichloroethane	ND	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
2-Butanone (MEK)	ND	24000	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	*C2
2,2-Dichloropropane	ND	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
cis-1,2-Dichloroethene	ND	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
Bromochloromethane	ND	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
Chloroform	ND	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
Tetrahydrofuran	ND	24000	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	*C2*I
1,1,1-Trichloroethane	ND	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
Carbon Tetrachloride	ND	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
1,1-Dichloropropene	ND	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
Benzene	ND	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
1,2-Dichloroethane	ND	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
Trichloroethene	ND	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
1,2-Dichloropropane	ND	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
Dibromomethane	ND	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
Bromodichloromethane	ND	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
Methyl Isobutyl Ketone	ND	24000	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
cis-1,3-Dichloropropene	ND	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
Toluene	ND	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
trans-1,3-Dichloropropene	ND	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
2-Hexanone	ND	24000	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
1,1,2-Trichloroethane	ND	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
Tetrachloroethene	ND	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
1,3-Dichloropropane	ND	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
Dibromochloromethane	ND	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
1,2-Dibromoethane	ND	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	

Client Sample ID B-1 6.5ft

Lab ID: 3010100-09RE1(Dilution)

Volatile Organics **Analyst: RAN**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
trans-1,4-Dichloro-2-Butene	ND	24000	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	*C2
Chlorobenzene	ND	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
1,1,1,2-Tetrachloroethane	ND	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
Ethylbenzene	**72000**	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
m+p Xylenes	**320000**	9600	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
o-Xylene	**64000**	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
Styrene	ND	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
Bromoform	ND	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
Isopropylbenzene	ND	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
1,1,2,2-Tetrachloroethane	ND	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
Bromobenzene	ND	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
1,2,3-Trichloropropane	ND	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
n-Propylbenzene	**10000**	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
2-Chlorotoluene	**14000**	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
4-Chlorotoluene	ND	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
1,3,5-Trimethylbenzene	**34000**	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
tert-Butylbenzene	ND	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
1,2,4-Trimethylbenzene	**120000**	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
sec-Butylbenzene	ND	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
1,3-Dichlorobenzene	ND	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
4-Isopropyltoluene	**7400**	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
1,4-Dichlorobenzene	**33000**	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
1,2-Dichlorobenzene	**90000**	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
n-Butylbenzene	**7400**	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
1,2-Dibromo-3-Chloropropane	ND	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	*I
1,2,4-Trichlorobenzene	**5200**	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
Hexachlorobutadiene	ND	4800	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
Naphthalene	**37000**	9600	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	*I
1,2,3-Trichlorobenzene	ND	9600	1647.45	EPA 5035A-H	B3A1117	01/11/2023	01/11/2023 11:31	
Surrogate: 1,2-Dichloroethane-d4	*103 %*		*70 - 130*		B3A1117	01/11/2023	*01/11/2023 11:31*	
Surrogate: Toluene-d8	*104 %*		*70 - 130*		B3A1117	01/11/2023	*01/11/2023 11:31*	
Surrogate: 4-Bromofluorobenzene	*111 %*		*70 - 130*		B3A1117	01/11/2023	*01/11/2023 11:31*	

QUALITY CONTROL SECTION

Batch B3A0614 - SM 2540 G

Analyte	Result (%)	RL (%)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Duplicate (B3A0614-DUP1)		**Source: 3010100-01**			Prepared: 1/6/2023 Analyzed: 1/6/2023				
Percent Solids	90	1.0		90			0.0389	5	

CET # : 3010100
Project: 105338
Project Number: 105338, Portland

Batch B3A0640 - CT-ETPH

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B3A0640-BLK1)					Prepared: 1/6/2023 Analyzed: 1/7/2023				
ETPH	ND	50							
Surrogate: Octacosane					*96.9*	*50 - 150*			
LCS (B3A0640-BS1)					Prepared: 1/6/2023 Analyzed: 1/7/2023				
ETPH	1270	50	1,500.000		84.5	60 - 120			
Surrogate: Octacosane					*93.0*	*50 - 150*			

Batch B3A0955 - EPA 8260C

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B3A0955-BLK1)					Prepared: 1/9/2023 Analyzed: 1/9/2023				
Dichlorodifluoromethane	ND	7.5							
Chloromethane	ND	5.0							
Vinyl Chloride	ND	2.5							
Bromomethane	ND	5.0							
Chloroethane	ND	5.0							
Trichlorofluoromethane	ND	20							
Acetone	ND	75							
Acrylonitrile	ND	4.0							
Trichlorotrifluoroethane	ND	20							
1,1-Dichloroethene	ND	2.5							
Methylene Chloride	ND	30							
Carbon Disulfide	ND	5.0							
Methyl-t-Butyl Ether (MTBE)	ND	2.5							
trans-1,2-Dichloroethene	ND	2.5							
1,1-Dichloroethane	ND	2.5							
2-Butanone (MEK)	ND	13							
2,2-Dichloropropane	ND	2.5							
cis-1,2-Dichloroethene	ND	2.5							
Bromochloromethane	ND	2.5							
Chloroform	ND	2.5							
Tetrahydrofuran	ND	13							
1,1,1-Trichloroethane	ND	2.5							
Carbon Tetrachloride	ND	2.5							
1,1-Dichloropropene	ND	2.5							
Benzene	ND	2.5							
1,2-Dichloroethane	ND	2.5							
Trichloroethene	ND	2.5							
1,2-Dichloropropane	ND	2.5							
Dibromomethane	ND	2.5							
Bromodichloromethane	ND	2.5							
Methyl Isobutyl Ketone	ND	13							
cis-1,3-Dichloropropene	ND	2.5							
Toluene	ND	2.5							
trans-1,3-Dichloropropene	ND	2.5							
2-Hexanone	ND	13							
1,1,2-Trichloroethane	ND	2.5							
Tetrachloroethene	ND	2.5							
1,3-Dichloropropane	ND	2.5							
Dibromochloromethane	ND	2.5							
1,2-Dibromoethane	ND	2.5							
trans-1,4-Dichloro-2-Butene	ND	13							
Chlorobenzene	ND	2.5							
1,1,1,2-Tetrachloroethane	ND	2.5							
Ethylbenzene	ND	2.5							
m+p Xylenes	ND	5.0							
o-Xylene	ND	2.5							
Styrene	ND	2.5							
Bromoform	ND	2.5							
Isopropylbenzene	ND	2.5							
1,1,2,2-Tetrachloroethane	ND	2.5							
Bromobenzene	ND	2.5							
1,2,3-Trichloropropane	ND	2.5							

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B3A0955-BLK1) - Continued					Prepared: 1/9/2023 Analyzed: 1/9/2023				
n-Propylbenzene	ND	2.5							
2-Chlorotoluene	ND	2.5							
4-Chlorotoluene	ND	2.5							
1,3,5-Trimethylbenzene	ND	2.5							
tert-Butylbenzene	ND	2.5							
1,2,4-Trimethylbenzene	ND	2.5							
sec-Butylbenzene	ND	2.5							
1,3-Dichlorobenzene	ND	2.5							
4-Isopropyltoluene	ND	2.5							
1,4-Dichlorobenzene	ND	2.5							
1,2-Dichlorobenzene	ND	2.5							
n-Butylbenzene	ND	2.5							
1,2-Dibromo-3-Chloropropane	ND	2.5							
1,2,4-Trichlorobenzene	ND	2.5							
Hexachlorobutadiene	ND	2.5							
Naphthalene	ND	5.0							
1,2,3-Trichlorobenzene	ND	5.0							
Surrogate: 1,2-Dichloroethane-d4					*102*	*70 - 130*			
Surrogate: Toluene-d8					*101*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*106*	*70 - 130*			
LCS (B3A0955-BS1)					Prepared: 1/9/2023 Analyzed: 1/9/2023				
Dichlorodifluoromethane	42.6	7.5	50.000		85.3	70 - 130			
Chloromethane	59.9	5.0	50.000		120	70 - 130			
Vinyl Chloride	54.9	2.5	50.000		110	70 - 130			
Bromomethane	49.5	5.0	50.000		99.0	70 - 130			
Chloroethane	57.0	5.0	50.000		114	70 - 130			
Trichlorofluoromethane	52.0	20	50.000		104	70 - 130			
Acetone	81.4	75	100.000		81.4	70 - 130			
Acrylonitrile	52.3	4.0	50.000		105	70 - 130			
Trichlorotrifluoroethane	59.2	20	50.000		118	70 - 130			
1,1-Dichloroethene	61.6	2.5	50.000		123	70 - 130			
Methylene Chloride	51.4	30	50.000		103	70 - 130			
Carbon Disulfide	69.0	5.0	50.000		**138**	70 - 130			**H**
Methyl-t-Butyl Ether (MTBE)	56.4	2.5	50.000		113	70 - 130			
trans-1,2-Dichloroethene	55.3	2.5	50.000		111	70 - 130			
1,1-Dichloroethane	51.4	2.5	50.000		103	70 - 130			
2-Butanone (MEK)	88.8	13	100.000		88.8	70 - 130			
2,2-Dichloropropane	55.9	2.5	50.000		112	70 - 130			
cis-1,2-Dichloroethene	52.5	2.5	50.000		105	70 - 130			
Bromochloromethane	51.0	2.5	50.000		102	70 - 130			
Chloroform	49.0	2.5	50.000		98.1	70 - 130			
Tetrahydrofuran	52.4	13	50.000		105	70 - 130			
1,1,1-Trichloroethane	56.9	2.5	50.000		114	70 - 130			
Carbon Tetrachloride	56.4	2.5	50.000		113	70 - 130			
1,1-Dichloropropene	60.0	2.5	50.000		120	70 - 130			
Benzene	56.7	2.5	50.000		113	70 - 130			
1,2-Dichloroethane	54.3	2.5	50.000		109	70 - 130			
Trichloroethene	55.5	2.5	50.000		111	70 - 130			
1,2-Dichloropropane	52.7	2.5	50.000		105	70 - 130			
Dibromomethane	59.7	2.5	50.000		119	70 - 130			
Bromodichloromethane	52.1	2.5	50.000		104	70 - 130			
Methyl Isobutyl Ketone	100	13	100.000		100	70 - 130			

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B3A0955-BS1) - Continued					Prepared: 1/9/2023 Analyzed: 1/9/2023				
cis-1,3-Dichloropropene	58.4	2.5	50.000		117	70 - 130			
Toluene	53.5	2.5	50.000		107	70 - 130			
trans-1,3-Dichloropropene	56.4	2.5	50.000		113	70 - 130			
2-Hexanone	86.7	13	100.000		86.7	70 - 130			
1,1,2-Trichloroethane	51.9	2.5	50.000		104	70 - 130			
Tetrachloroethene	56.2	2.5	50.000		112	70 - 130			
1,3-Dichloropropane	51.9	2.5	50.000		104	70 - 130			
Dibromochloromethane	54.2	2.5	50.000		108	70 - 130			
1,2-Dibromoethane	53.0	2.5	50.000		106	70 - 130			
trans-1,4-Dichloro-2-Butene	50.4	13	50.000		101	70 - 130			
Chlorobenzene	50.8	2.5	50.000		102	70 - 130			
1,1,1,2-Tetrachloroethane	51.4	2.5	50.000		103	70 - 130			
Ethylbenzene	51.0	2.5	50.000		102	70 - 130			
m+p Xylenes	109	5.0	100.000		109	70 - 130			
o-Xylene	53.2	2.5	50.000		106	70 - 130			
Styrene	51.8	2.5	50.000		104	70 - 130			
Bromoform	53.8	2.5	50.000		108	70 - 130			
Isopropylbenzene	51.5	2.5	50.000		103	70 - 130			
1,1,2,2-Tetrachloroethane	46.8	2.5	50.000		93.6	70 - 130			
Bromobenzene	46.5	2.5	50.000		92.9	70 - 130			
1,2,3-Trichloropropane	48.7	2.5	50.000		97.5	70 - 130			
n-Propylbenzene	47.7	2.5	50.000		95.4	70 - 130			
2-Chlorotoluene	47.1	2.5	50.000		94.2	70 - 130			
4-Chlorotoluene	45.8	2.5	50.000		91.5	70 - 130			
1,3,5-Trimethylbenzene	48.9	2.5	50.000		97.8	70 - 130			
tert-Butylbenzene	48.7	2.5	50.000		97.4	70 - 130			
1,2,4-Trimethylbenzene	48.6	2.5	50.000		97.2	70 - 130			
sec-Butylbenzene	49.2	2.5	50.000		98.4	70 - 130			
1,3-Dichlorobenzene	47.6	2.5	50.000		95.1	70 - 130			
4-Isopropyltoluene	50.8	2.5	50.000		102	70 - 130			
1,4-Dichlorobenzene	47.8	2.5	50.000		95.6	70 - 130			
1,2-Dichlorobenzene	48.5	2.5	50.000		97.0	70 - 130			
n-Butylbenzene	50.4	2.5	50.000		101	70 - 130			
1,2-Dibromo-3-Chloropropane	52.6	2.5	50.000		105	70 - 130			
1,2,4-Trichlorobenzene	52.2	2.5	50.000		104	70 - 130			
Hexachlorobutadiene	48.0	2.5	50.000		96.1	70 - 130			
Naphthalene	57.5	5.0	50.000		115	70 - 130			
1,2,3-Trichlorobenzene	53.6	5.0	50.000		107	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*96.6*	*70 - 130*			
Surrogate: Toluene-d8					*99.8*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*104*	*70 - 130*			

Batch B3A1117 - EPA 8260C

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B3A1117-BLK1)					Prepared: 1/11/2023 Analyzed: 1/11/2023				
Dichlorodifluoromethane	ND	7.5							
Chloromethane	ND	5.0							
Vinyl Chloride	ND	2.5							
Bromomethane	ND	5.0							
Chloroethane	ND	5.0							
Trichlorofluoromethane	ND	20							
Acetone	ND	75							
Acrylonitrile	ND	4.0							
Trichlorotrifluoroethane	ND	20							
1,1-Dichloroethene	ND	2.5							
Methylene Chloride	ND	30							
Carbon Disulfide	ND	5.0							
Methyl-t-Butyl Ether (MTBE)	ND	2.5							
trans-1,2-Dichloroethene	ND	2.5							
1,1-Dichloroethane	ND	2.5							
2-Butanone (MEK)	ND	13							
2,2-Dichloropropane	ND	2.5							
cis-1,2-Dichloroethene	ND	2.5							
Bromochloromethane	ND	2.5							
Chloroform	ND	2.5							
Tetrahydrofuran	ND	13							
1,1,1-Trichloroethane	ND	2.5							
Carbon Tetrachloride	ND	2.5							
1,1-Dichloropropene	ND	2.5							
Benzene	ND	2.5							
1,2-Dichloroethane	ND	2.5							
Trichloroethene	ND	2.5							
1,2-Dichloropropane	ND	2.5							
Dibromomethane	ND	2.5							
Bromodichloromethane	ND	2.5							
Methyl Isobutyl Ketone	ND	13							
cis-1,3-Dichloropropene	ND	2.5							
Toluene	ND	2.5							
trans-1,3-Dichloropropene	ND	2.5							
2-Hexanone	ND	13							
1,1,2-Trichloroethane	ND	2.5							
Tetrachloroethene	ND	2.5							
1,3-Dichloropropane	ND	2.5							
Dibromochloromethane	ND	2.5							
1,2-Dibromoethane	ND	2.5							
trans-1,4-Dichloro-2-Butene	ND	13							
Chlorobenzene	ND	2.5							
1,1,1,2-Tetrachloroethane	ND	2.5							
Ethylbenzene	ND	2.5							
m+p Xylenes	ND	5.0							
o-Xylene	ND	2.5							
Styrene	ND	2.5							
Bromoform	ND	2.5							
Isopropylbenzene	ND	2.5							
1,1,2,2-Tetrachloroethane	ND	2.5							
Bromobenzene	ND	2.5							
1,2,3-Trichloropropane	ND	2.5							

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B3A1117-BLK1) - Continued					Prepared: 1/11/2023 Analyzed: 1/11/2023				
n-Propylbenzene	ND	2.5							
2-Chlorotoluene	ND	2.5							
4-Chlorotoluene	ND	2.5							
1,3,5-Trimethylbenzene	ND	2.5							
tert-Butylbenzene	ND	2.5							
1,2,4-Trimethylbenzene	ND	2.5							
sec-Butylbenzene	ND	2.5							
1,3-Dichlorobenzene	ND	2.5							
4-Isopropyltoluene	ND	2.5							
1,4-Dichlorobenzene	ND	2.5							
1,2-Dichlorobenzene	ND	2.5							
n-Butylbenzene	ND	2.5							
1,2-Dibromo-3-Chloropropane	ND	2.5							
1,2,4-Trichlorobenzene	ND	2.5							
Hexachlorobutadiene	ND	2.5							
Naphthalene	ND	5.0							
1,2,3-Trichlorobenzene	ND	5.0							
Surrogate: 1,2-Dichloroethane-d4					*107*	*70 - 130*			
Surrogate: Toluene-d8					*103*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*106*	*70 - 130*			
LCS (B3A1117-BS1)					Prepared: 1/11/2023 Analyzed: 1/11/2023				
Dichlorodifluoromethane	67.8	7.5	50.000		**136**	70 - 130			**H**
Chloromethane	81.0	5.0	50.000		**162**	70 - 130			**H**
Vinyl Chloride	72.5	2.5	50.000		**145**	70 - 130			**H**
Bromomethane	62.3	5.0	50.000		125	70 - 130			
Chloroethane	61.1	5.0	50.000		122	70 - 130			
Trichlorofluoromethane	62.8	20	50.000		126	70 - 130			
Acetone	106	75	100.000		106	70 - 130			
Acrylonitrile	50.4	4.0	50.000		101	70 - 130			
Trichlorotrifluoroethane	60.6	20	50.000		121	70 - 130			
1,1-Dichloroethene	62.0	2.5	50.000		124	70 - 130			
Methylene Chloride	70.6	30	50.000		**141**	70 - 130			**H**
Carbon Disulfide	62.7	5.0	50.000		125	70 - 130			
Methyl-t-Butyl Ether (MTBE)	50.5	2.5	50.000		101	70 - 130			
trans-1,2-Dichloroethene	55.4	2.5	50.000		111	70 - 130			
1,1-Dichloroethane	52.5	2.5	50.000		105	70 - 130			
2-Butanone (MEK)	102	13	100.000		102	70 - 130			
2,2-Dichloropropane	53.2	2.5	50.000		106	70 - 130			
cis-1,2-Dichloroethene	52.9	2.5	50.000		106	70 - 130			
Bromochloromethane	50.2	2.5	50.000		100	70 - 130			
Chloroform	50.1	2.5	50.000		100	70 - 130			
Tetrahydrofuran	48.7	13	50.000		97.4	70 - 130			
1,1,1-Trichloroethane	56.3	2.5	50.000		113	70 - 130			
Carbon Tetrachloride	55.5	2.5	50.000		111	70 - 130			
1,1-Dichloropropene	59.8	2.5	50.000		120	70 - 130			
Benzene	57.3	2.5	50.000		115	70 - 130			
1,2-Dichloroethane	52.6	2.5	50.000		105	70 - 130			
Trichloroethene	56.4	2.5	50.000		113	70 - 130			
1,2-Dichloropropane	52.9	2.5	50.000		106	70 - 130			
Dibromomethane	57.9	2.5	50.000		116	70 - 130			
Bromodichloromethane	52.2	2.5	50.000		104	70 - 130			
Methyl Isobutyl Ketone	96.9	13	100.000		96.9	70 - 130			

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B3A1117-BS1) - Continued					Prepared: 1/11/2023 Analyzed: 1/11/2023				
cis-1,3-Dichloropropene	57.1	2.5	50.000		114	70 - 130			
Toluene	55.2	2.5	50.000		110	70 - 130			
trans-1,3-Dichloropropene	55.6	2.5	50.000		111	70 - 130			
2-Hexanone	94.1	13	100.000		94.1	70 - 130			
1,1,2-Trichloroethane	51.9	2.5	50.000		104	70 - 130			
Tetrachloroethene	57.1	2.5	50.000		114	70 - 130			
1,3-Dichloropropane	51.4	2.5	50.000		103	70 - 130			
Dibromochloromethane	53.1	2.5	50.000		106	70 - 130			
1,2-Dibromoethane	51.0	2.5	50.000		102	70 - 130			
trans-1,4-Dichloro-2-Butene	50.3	13	50.000		101	70 - 130			
Chlorobenzene	51.7	2.5	50.000		103	70 - 130			
1,1,1,2-Tetrachloroethane	51.6	2.5	50.000		103	70 - 130			
Ethylbenzene	52.2	2.5	50.000		104	70 - 130			
m+p Xylenes	111	5.0	100.000		111	70 - 130			
o-Xylene	54.2	2.5	50.000		108	70 - 130			
Styrene	52.9	2.5	50.000		106	70 - 130			
Bromoform	53.1	2.5	50.000		106	70 - 130			
Isopropylbenzene	51.9	2.5	50.000		104	70 - 130			
1,1,2,2-Tetrachloroethane	46.2	2.5	50.000		92.4	70 - 130			
Bromobenzene	46.2	2.5	50.000		92.4	70 - 130			
1,2,3-Trichloropropane	48.0	2.5	50.000		95.9	70 - 130			
n-Propylbenzene	47.6	2.5	50.000		95.3	70 - 130			
2-Chlorotoluene	47.5	2.5	50.000		95.0	70 - 130			
4-Chlorotoluene	46.6	2.5	50.000		93.1	70 - 130			
1,3,5-Trimethylbenzene	49.2	2.5	50.000		98.5	70 - 130			
tert-Butylbenzene	48.5	2.5	50.000		97.1	70 - 130			
1,2,4-Trimethylbenzene	49.3	2.5	50.000		98.5	70 - 130			
sec-Butylbenzene	48.6	2.5	50.000		97.2	70 - 130			
1,3-Dichlorobenzene	49.0	2.5	50.000		97.9	70 - 130			
4-Isopropyltoluene	50.6	2.5	50.000		101	70 - 130			
1,4-Dichlorobenzene	48.9	2.5	50.000		97.8	70 - 130			
1,2-Dichlorobenzene	49.1	2.5	50.000		98.2	70 - 130			
n-Butylbenzene	49.6	2.5	50.000		99.2	70 - 130			
1,2-Dibromo-3-Chloropropane	47.3	2.5	50.000		94.6	70 - 130			
1,2,4-Trichlorobenzene	51.1	2.5	50.000		102	70 - 130			
Hexachlorobutadiene	46.0	2.5	50.000		92.0	70 - 130			
Naphthalene	54.1	5.0	50.000		108	70 - 130			
1,2,3-Trichlorobenzene	52.0	5.0	50.000		104	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*97.1*	*70 - 130*			
Surrogate: Toluene-d8					*101*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*110*	*70 - 130*			

Batch B3A1334 - EPA 8260C

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B3A1334-BLK1)					Prepared: 1/13/2023 Analyzed: 1/13/2023				
Dichlorodifluoromethane	ND	7.5							
Chloromethane	ND	5.0							
Vinyl Chloride	ND	2.5							
Bromomethane	ND	5.0							
Chloroethane	ND	5.0							
Trichlorofluoromethane	ND	20							
Acetone	ND	75							
Acrylonitrile	ND	4.0							
Trichlorotrifluoroethane	ND	20							
1,1-Dichloroethene	ND	2.5							
Methylene Chloride	ND	30							
Carbon Disulfide	ND	5.0							
Methyl-t-Butyl Ether (MTBE)	ND	2.5							
trans-1,2-Dichloroethene	ND	2.5							
1,1-Dichloroethane	ND	2.5							
2-Butanone (MEK)	ND	13							
2,2-Dichloropropane	ND	2.5							
cis-1,2-Dichloroethene	ND	2.5							
Bromochloromethane	ND	2.5							
Chloroform	ND	2.5							
Tetrahydrofuran	ND	13							
1,1,1-Trichloroethane	ND	2.5							
Carbon Tetrachloride	ND	2.5							
1,1-Dichloropropene	ND	2.5							
Benzene	ND	2.5							
1,2-Dichloroethane	ND	2.5							
Trichloroethene	ND	2.5							
1,2-Dichloropropane	ND	2.5							
Dibromomethane	ND	2.5							
Bromodichloromethane	ND	2.5							
Methyl Isobutyl Ketone	ND	13							
cis-1,3-Dichloropropene	ND	2.5							
Toluene	ND	2.5							
trans-1,3-Dichloropropene	ND	2.5							
2-Hexanone	ND	13							
1,1,2-Trichloroethane	ND	2.5							
Tetrachloroethene	ND	2.5							
1,3-Dichloropropane	ND	2.5							
Dibromochloromethane	ND	2.5							
1,2-Dibromoethane	ND	2.5							
trans-1,4-Dichloro-2-Butene	ND	13							
Chlorobenzene	ND	2.5							
1,1,1,2-Tetrachloroethane	ND	2.5							
Ethylbenzene	ND	2.5							
m+p Xylenes	ND	5.0							
o-Xylene	ND	2.5							
Styrene	ND	2.5							
Bromoform	ND	2.5							
Isopropylbenzene	ND	2.5							
1,1,2,2-Tetrachloroethane	ND	2.5							
Bromobenzene	ND	2.5							
1,2,3-Trichloropropane	ND	2.5							

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B3A1334-BLK1) - Continued					Prepared: 1/13/2023 Analyzed: 1/13/2023				
n-Propylbenzene	ND	2.5							
2-Chlorotoluene	ND	2.5							
4-Chlorotoluene	ND	2.5							
1,3,5-Trimethylbenzene	ND	2.5							
tert-Butylbenzene	ND	2.5							
1,2,4-Trimethylbenzene	ND	2.5							
sec-Butylbenzene	ND	2.5							
1,3-Dichlorobenzene	ND	2.5							
4-Isopropyltoluene	ND	2.5							
1,4-Dichlorobenzene	ND	2.5							
1,2-Dichlorobenzene	ND	2.5							
n-Butylbenzene	ND	2.5							
1,2-Dibromo-3-Chloropropane	ND	2.5							
1,2,4-Trichlorobenzene	ND	2.5							
Hexachlorobutadiene	ND	2.5							
Naphthalene	ND	5.0							
1,2,3-Trichlorobenzene	ND	5.0							
Surrogate: 1,2-Dichloroethane-d4					*102*	*70 - 130*			
Surrogate: Toluene-d8					*98.2*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*92.4*	*70 - 130*			
LCS (B3A1334-BS1)					Prepared: 1/13/2023 Analyzed: 1/13/2023				
Dichlorodifluoromethane	75.2	7.5	50.000		**150**	70 - 130			**H**
Chloromethane	57.9	5.0	50.000		116	70 - 130			
Vinyl Chloride	57.8	2.5	50.000		116	70 - 130			
Bromomethane	58.0	5.0	50.000		116	70 - 130			
Chloroethane	49.7	5.0	50.000		99.5	70 - 130			
Trichlorofluoromethane	58.5	20	50.000		117	70 - 130			
Acetone	105	75	100.000		105	70 - 130			
Acrylonitrile	57.5	4.0	50.000		115	70 - 130			
Trichlorotrifluoroethane	58.6	20	50.000		117	70 - 130			
1,1-Dichloroethene	68.2	2.5	50.000		**136**	70 - 130			**H**
Methylene Chloride	73.2	30	50.000		**146**	70 - 130			**H**
Carbon Disulfide	81.0	5.0	50.000		**162**	70 - 130			**H**
Methyl-t-Butyl Ether (MTBE)	56.4	2.5	50.000		113	70 - 130			
trans-1,2-Dichloroethene	68.5	2.5	50.000		**137**	70 - 130			**H**
1,1-Dichloroethane	57.3	2.5	50.000		115	70 - 130			
2-Butanone (MEK)	114	13	100.000		114	70 - 130			
2,2-Dichloropropane	60.0	2.5	50.000		120	70 - 130			
cis-1,2-Dichloroethene	56.0	2.5	50.000		112	70 - 130			
Bromochloromethane	56.9	2.5	50.000		114	70 - 130			
Chloroform	55.1	2.5	50.000		110	70 - 130			
Tetrahydrofuran	59.8	13	50.000		120	70 - 130			
1,1,1-Trichloroethane	57.2	2.5	50.000		114	70 - 130			
Carbon Tetrachloride	59.9	2.5	50.000		120	70 - 130			
1,1-Dichloropropene	57.4	2.5	50.000		115	70 - 130			
Benzene	55.5	2.5	50.000		111	70 - 130			
1,2-Dichloroethane	52.0	2.5	50.000		104	70 - 130			
Trichloroethene	51.4	2.5	50.000		103	70 - 130			
1,2-Dichloropropane	51.5	2.5	50.000		103	70 - 130			
Dibromomethane	51.1	2.5	50.000		102	70 - 130			
Bromodichloromethane	52.3	2.5	50.000		105	70 - 130			
Methyl Isobutyl Ketone	104	13	100.000		104	70 - 130			

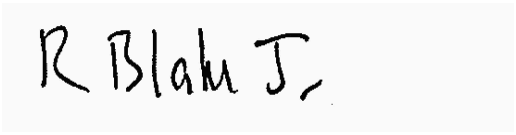
Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B3A1334-BS1) - Continued					Prepared: 1/13/2023 Analyzed: 1/13/2023				
cis-1,3-Dichloropropene	51.4	2.5	50.000		103	70 - 130			
Toluene	52.8	2.5	50.000		106	70 - 130			
trans-1,3-Dichloropropene	51.4	2.5	50.000		103	70 - 130			
2-Hexanone	100	13	100.000		100	70 - 130			
1,1,2-Trichloroethane	50.2	2.5	50.000		100	70 - 130			
Tetrachloroethene	51.2	2.5	50.000		102	70 - 130			
1,3-Dichloropropane	51.0	2.5	50.000		102	70 - 130			
Dibromochloromethane	53.0	2.5	50.000		106	70 - 130			
1,2-Dibromoethane	53.8	2.5	50.000		108	70 - 130			
trans-1,4-Dichloro-2-Butene	68.5	13	50.000		**137**	70 - 130			**H**
Chlorobenzene	52.5	2.5	50.000		105	70 - 130			
1,1,1,2-Tetrachloroethane	53.0	2.5	50.000		106	70 - 130			
Ethylbenzene	54.5	2.5	50.000		109	70 - 130			
m+p Xylenes	107	5.0	100.000		107	70 - 130			
o-Xylene	53.6	2.5	50.000		107	70 - 130			
Styrene	55.2	2.5	50.000		110	70 - 130			
Bromoform	55.7	2.5	50.000		111	70 - 130			
Isopropylbenzene	55.2	2.5	50.000		110	70 - 130			
1,1,2,2-Tetrachloroethane	56.9	2.5	50.000		114	70 - 130			
Bromobenzene	51.0	2.5	50.000		102	70 - 130			
1,2,3-Trichloropropane	51.7	2.5	50.000		103	70 - 130			
n-Propylbenzene	53.6	2.5	50.000		107	70 - 130			
2-Chlorotoluene	52.0	2.5	50.000		104	70 - 130			
4-Chlorotoluene	52.9	2.5	50.000		106	70 - 130			
1,3,5-Trimethylbenzene	52.7	2.5	50.000		105	70 - 130			
tert-Butylbenzene	53.0	2.5	50.000		106	70 - 130			
1,2,4-Trimethylbenzene	54.1	2.5	50.000		108	70 - 130			
sec-Butylbenzene	53.7	2.5	50.000		107	70 - 130			
1,3-Dichlorobenzene	52.0	2.5	50.000		104	70 - 130			
4-Isopropyltoluene	53.8	2.5	50.000		108	70 - 130			
1,4-Dichlorobenzene	53.5	2.5	50.000		107	70 - 130			
1,2-Dichlorobenzene	52.2	2.5	50.000		104	70 - 130			
n-Butylbenzene	53.7	2.5	50.000		107	70 - 130			
1,2-Dibromo-3-Chloropropane	53.4	2.5	50.000		107	70 - 130			
1,2,4-Trichlorobenzene	51.6	2.5	50.000		103	70 - 130			
Hexachlorobutadiene	50.9	2.5	50.000		102	70 - 130			
Naphthalene	53.8	5.0	50.000		108	70 - 130			
1,2,3-Trichlorobenzene	52.5	5.0	50.000		105	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*104*	*70 - 130*			
Surrogate: Toluene-d8					*98.5*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*100*	*70 - 130*			

All questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

This technical report was reviewed by Robert Blake



Project Manager

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Report Comments:

Sample Result Flags:
E- The result is estimated, above the calibration range.
H- The surrogate recovery is above the control limits.
L- The surrogate recovery is below the control limits.
B- The compound was detected in the laboratory blank.
P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
+- The Surrogate was diluted out.
*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
*I- Analyte exceeds method limits from second source standard in Initial Calibration Verification (ICV). No directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

For Percent Solids, if any of the following prep methods (3050B, 3540C, 3545A, 3550C, 5035 and 9013A) were used for samples pertaining to this report, the percent solids procedure is within that prep method.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at or above the specified reporting limit
Reporting Limit (RL) is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

Tel: (203) 377-9984
Fax: (203) 377-9952
email: cet1@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected at or above the specified reporting limit.
RL	RL is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Result	Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte found in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.

NELAP ACCREDITED TNI LABORATORY

Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903
Pennsylvania NELAP Accreditation 68-02927

New York NELAP Accreditation 11982
Rhode Island Certification 199

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc.

Client: Triton Environmental

Project Location: 105338

Project Number: 105338, Portland

Laboratory Sample ID(s):

3010100-01 thru 3010100-09

Sample Date(s):

01/05/2023, 01/06/2023

List RCP Methods Used:

CT-ETPH, EPA 8260C

CET #: 3010100

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5a	a) Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5b	b) Were these reporting limits met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all consituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No
7	Are project specific matrix spikes and laboratory duplicates included with this data set?	☐ Yes ☑ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature:  **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 01/13/2023

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

RCP Case Narrative

4- See Exceptions Report Below

7- Project specific QC was not requested by the client.

Analyte	QC Type	Exception	Result	RPD	Recovery (%)	Batch/Sequence Sample ID
Carbon Disulfide	LCS	High	69.0		138	B3A0955
Chloromethane	LCS	High	81.0		162	B3A1117
Dichlorodifluoromethane	LCS	High	67.8		136	B3A1117
Methylene Chloride	LCS	High	70.6		141	B3A1117
Vinyl Chloride	LCS	High	72.5		145	B3A1117
1,1-Dichloroethene	LCS	High	68.2		136	B3A1334
Carbon Disulfide	LCS	High	81.0		162	B3A1334
Dichlorodifluoromethane	LCS	High	75.2		150	B3A1334
Methylene Chloride	LCS	High	73.2		146	B3A1334
trans-1,2-Dichloroethene	LCS	High	68.5		137	B3A1334
trans-1,4-Dichloro-2-Butene	LCS	High	68.5		137	B3A1334
1,1-Dichloroethene	CC	High	61.6		123	S3A0911
Carbon Disulfide	CC	High	69.0		138	S3A0911
1,2-Dibromo-3-Chloropropane	ICV	Analyte exceeds method limit of second source standard. Non-directional bias				
Acrylonitrile	ICV	Analyte exceeds method limit of second source standard. Non-directional bias				
Naphthalene	ICV	Analyte exceeds method limit of second source standard. Non-directional bias				
Tetrahydrofuran	ICV	Analyte exceeds method limit of second source standard. Non-directional bias				
2-Butanone (MEK)	CC	High	139		139	S3A1106
Acetone	CC	High	130		130	S3A1106
Chloromethane	CC	High	60.9		122	S3A1106
Methylene Chloride	CC	High	65.6		131	S3A1106
Tetrahydrofuran	CC	High	72.4		145	S3A1106
trans-1,4-Dichloro-2-Butene	CC	High	62.5		125	S3A1106
1,2-Dibromo-3-Chloropropane	ICV	Analyte exceeds method limit of second source standard. Non-directional bias				
Acrylonitrile	ICV	Analyte exceeds method limit of second source standard. Non-directional bias				
Naphthalene	ICV	Analyte exceeds method limit of second source standard. Non-directional bias				
Tetrahydrofuran	ICV	Analyte exceeds method limit of second source standard. Non-directional bias				
1,1-Dichloroethene	CC	High	68.2		136	S3A1311
Carbon Disulfide	CC	High	81.0		162	S3A1311
Dichlorodifluoromethane	CC	High	75.2		150	S3A1311
Methylene Chloride	CC	High	73.2		146	S3A1311
trans-1,2-Dichloroethene	CC	High	68.5		137	S3A1311
trans-1,4-Dichloro-2-Butene	CC	High	68.5		137	S3A1311
2-Butanone (MEK)	ICV	Analyte exceeds method limit of second source standard. Non-directional bias				
Acetone	ICV	Analyte exceeds method limit of second source standard. Non-directional bias				
Carbon Disulfide	ICV	Analyte exceeds method limit of second source standard. Non-directional bias				

QC Batch/Sequence Report

Batch	Sequence	CET ID	Sample ID	Specific Method	Matrix	Collection Date
B3A0640		3010100-01	S-1 7-9ft	CT-ETPH	Soil	01/05/2023
B3A0640		3010100-02	S-2 7-10ft	CT-ETPH	Soil	01/05/2023
B3A0640		3010100-03	S-3 7-10ft	CT-ETPH	Soil	01/05/2023
B3A0640		3010100-04	S-4 8-10ft	CT-ETPH	Soil	01/06/2023
B3A0640		3010100-05	S-5 2-5ft	CT-ETPH	Soil	01/06/2023
B3A0640		3010100-06	S-6 3-5ft	CT-ETPH	Soil	01/06/2023
B3A0640		3010100-07	S-7 3-6ft	CT-ETPH	Soil	01/06/2023
B3A0640		3010100-08	S-8 2-5ft	CT-ETPH	Soil	01/06/2023
B3A0640		3010100-09	B-1 6.5ft	CT-ETPH	Soil	01/06/2023
B3A0955	S3A0911	3010100-09	B-1 6.5ft	EPA 8260C	Soil	01/06/2023
B3A1117	S3A1106	3010100-05	S-5 2-5ft	EPA 8260C	Soil	01/06/2023
B3A1117	S3A1106	3010100-06	S-6 3-5ft	EPA 8260C	Soil	01/06/2023
B3A1117	S3A1106	3010100-07	S-7 3-6ft	EPA 8260C	Soil	01/06/2023
B3A1117	S3A1106	3010100-08	S-8 2-5ft	EPA 8260C	Soil	01/06/2023
B3A1117	S3A1106	3010100-09RE1	B-1 6.5ft	EPA 8260C	Soil	01/06/2023
B3A1334	S3A1311	3010100-08RE1	S-8 2-5ft	EPA 8260C	Soil	01/06/2023

Certified Analyses included in this Report

Analyte	Certifications
CT-ETPH in Soil	
ETPH	CT
EPA 8260C in Soil	
Dichlorodifluoromethane	CT,NY,PA
Chloromethane	CT,NY,PA
Vinyl Chloride	CT,NY,PA
Bromomethane	CT,NY,PA
Chloroethane	CT,NY,PA
Trichlorofluoromethane	CT,NY,PA
Acetone	CT,NY,PA
Acrylonitrile	CT
Trichlorotrifluoroethane	CT,NY,PA
1,1-Dichloroethene	CT,NY,PA
Methylene Chloride	CT,NY,PA
Carbon Disulfide	CT,NY,PA
Methyl-t-Butyl Ether (MTBE)	CT,NY,PA
trans-1,2-Dichloroethene	CT,NY,PA
1,1-Dichloroethane	CT,NY,PA
2-Butanone (MEK)	CT,NY,PA
2,2-Dichloropropane	CT,NY,PA
cis-1,2-Dichloroethene	CT,NY,PA
Bromochloromethane	CT,NY,PA
Chloroform	CT,NY,PA
Tetrahydrofuran	CT
1,1,1-Trichloroethane	CT,NY,PA
Carbon Tetrachloride	CT,NY,PA
1,1-Dichloropropene	CT,NY,PA
Benzene	CT,NY,PA
1,2-Dichloroethane	CT,NY,PA
Trichloroethene	CT,NY,PA
1,2-Dichloropropane	CT,NY,PA
Dibromomethane	CT,NY,PA
Bromodichloromethane	CT,NY,PA
Methyl Isobutyl Ketone	CT,NY,PA
cis-1,3-Dichloropropene	CT,NY,PA
Toluene	CT,NY,PA
trans-1,3-Dichloropropene	CT,NY,PA
2-Hexanone	CT,NY,PA
1,1,2-Trichloroethane	CT,NY,PA
Tetrachloroethene	CT,NY,PA
1,3-Dichloropropane	CT,NY,PA
Dibromochloromethane	CT,NY,PA
1,2-Dibromoethane	CT,NY,PA
trans-1,4-Dichloro-2-Butene	CT,NY,PA
Chlorobenzene	CT,NY,PA
1,1,1,2-Tetrachloroethane	CT,NY,PA
Ethylbenzene	CT,NY,PA
m+p Xylenes	CT,NY,PA
o-Xylene	CT,NY,PA
Styrene	CT,NY,PA

Certified Analyses included in this Report

Analyte	Certifications
EPA 8260C in Soil	
Bromoform	CT,NY,PA
Isopropylbenzene	CT,NY,PA
1,1,2,2-Tetrachloroethane	CT,NY,PA
Bromobenzene	CT,NY,PA
1,2,3-Trichloropropane	CT,NY,PA
n-Propylbenzene	CT,NY,PA
2-Chlorotoluene	CT,NY,PA
4-Chlorotoluene	CT,NY,PA
1,3,5-Trimethylbenzene	CT,NY,PA
tert-Butylbenzene	CT,NY,PA
1,2,4-Trimethylbenzene	CT,NY,PA
sec-Butylbenzene	CT,NY,PA
1,3-Dichlorobenzene	CT,NY,PA
4-Isopropyltoluene	CT,NY,PA
1,4-Dichlorobenzene	CT,NY,PA
1,2-Dichlorobenzene	CT,NY,PA
n-Butylbenzene	CT,NY,PA
1,2-Dibromo-3-Chloropropane	CT,NY,PA
1,2,4-Trichlorobenzene	CT,NY,PA
Hexachlorobutadiene	CT,NY
Naphthalene	CT,NY,PA
1,2,3-Trichlorobenzene	CT
SM 2540 G in Soil	
Percent Solids	CT

Complete Environmental Testing operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Public Health	PH0116	09/30/2024
NY	New York Certification (NELAC)	11982	04/01/2023
PA	Pennsylvania DEP	68-02927	05/31/2023

3010100

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY

Volatile Soils Only:
Date and Time in Freezer
Client:
CET: 1-6-23 11:15

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day *, Next Day *, Two Day *, Three Day *, Std (5-7 Days)

Metals: 8 RCRA, 13 Priority Poll, 15 CT DEP, Total, SPLP, TCLP, Dissolved, Field Filtered, Lab to Filter

Additional Analysis

Sample ID/Sample Depths (include Units for any sample depths provided)		Collection Date/Time	Matrix	Std (5-7 Days)	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAs	PCBs ☐ SOX ☐ ASE	Pesticides	TOTAL # OF CONT.	NOTE #
S-1	7-9	1/5/23	S	X				X						
S-2	7-10	↓	↓	X				X						
S-3	7-10	↓	↓	X				X						
S-4	8-10	1/6/23	↓	X				X						
S-5	2-5'	↓	↓	X	X			X						
S-6	3-5'	↓	↓	X	X			X						
S-7	3-6'	↓	↓	X	X			X						
S-8	2-5'	↓	↓	X	X			X						
B-1	6.5	↓	↓	X	X			X						
													24	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B=Sodium Bisulfate W=Water F=Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[signature]	1/6/23	[signature] 1/6/23 10:49
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES:

Client / Reporting Information

Company Name: Tri-Star Environmental
Address: 385 Church St Suite 201
City: Guilford State: CT Zip: 06437
Report To: Zac Hawk E-mail: on file
Phone #: 203-458-7200 Fax #: —

Project Information

Project: 105338 PO #: 105338
Location: Portland CT Project #: 65338
CET Quote # _____ Collector(s): Zach

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg * ☐ DQAW *
Data Report: ☒ PDF ☒ EDD - Specify Format Excel Other _____
RSR Reporting Limits (check one): ☒ GA ☐ GB ☐ SWP ☐ Other _____
Laboratory Certification Needed (check one): ☒ CT ☐ NY ☐ RI ☐ MA ☐ PA
Temp Upon Receipt 5.9 °C Evidence of Cooling: (Y) N
PAGE 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

REV. 12/18

3010100

CHAIN OF CUSTODY

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Volatile Soils Only:
Date and Time in Freezer
Client:
CET: 1-6-23 11:15

Matrix: A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day *, Next Day *, Two Day *, Three Day *, Std (5-7 Days)

Metals: 8 RCRA, 13 Priority Poll, 15 CT DEP, Total, SPLP, TCLP, Dissolved, Field Filtered, Lab to Filter

Additional Analysis

Sample ID/Sample Depths (include Units for any sample depths provided)		Collection Date/Time	Matrix	Std (5-7 Days)	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAs	PCBs ☐ SOX ☐ ASE	Pesticides	TOTAL # OF CONT.	NOTE #
S-1	7-9	1/5/23 12:40	S	X				X						
S-2	7-10	12:30		X				X						
S-3	7-10	12:35		X				X						
S-4	8-10	1/6/23 8:40		X				X						
S-5	2-5'	~~8:00~~ 8:10		X	X			X						
S-6	3-5'	8:20		X	X			X						
S-7	3-6'	8:25		X	X			X						
S-8	2-5'	8:30		X	X			X						
B-1	6.5	8:35		X	X			X						

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B=Sodium Bisulfate W=Water F=Empty Vial E=Encore)

TOTAL # OF CONT.: 24

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[signature]	1/6/23	[signature] 1/6/23 10:49
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES:

Client / Reporting Information

Company Name: Tighe Environmental
Address: 385 Church St Suite 201
City: Guilford State: CT Zip: 06437
Report To: Zac Hawk E-mail: on file
Phone #: 203-458-7200 Fax #:

Project Information

Project: 105338 PO #: 105338
Location: Portland CT Project #: 105338
CET Quote #: Collector(s): Zach

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg * ☐ DQAW *
Data Report: ☒ PDF ☒ EDD - Specify Format Excel Other
RSR Reporting Limits (check one): ☒ GA ☐ GB ☐ SWP ☐ Other
Laboratory Certification Needed (check one): ☑ CT ☐ NY ☐ RI ☐ MA ☐ PA
Temp Upon Receipt 5.9 °C Evidence of Cooling: (Y) N

PAGE 1 OF 1

*** Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.**

REV. 12/18

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Zachary Hawk
Triton Environmental
385 Church St.
Guilford, CT 06437

Analytical Report

CET# 3010505

Report Date:January 30, 2023
Project: 105338
Project Number: 105338
PO Number: 105338

Connecticut Laboratory Certificate: PH 0116
Massachusetts Laboratory Certificate: M-CT903
Rhode Island Laboratory Certificate: 199

New York NELAP Accreditation: 11982
Pennsylvania Laboratory Certificate: 68-02927

CET # : 3010505
Project: 105338
Project Number: 105338

SAMPLE SUMMARY

The sample(s) were received at 2.4°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
S-2A 8-10ft	3010505-01	Soil	1/20/2023 10:00	01/23/2023
S-5A 2-5ft	3010505-02	Soil	1/20/2023 12:15	01/23/2023
S-6A 3-5ft	3010505-03	Soil	1/20/2023 12:10	01/23/2023
S-7A 1-3ft	3010505-04	Soil	1/20/2023 12:00	01/23/2023
S-8A 2-5ft	3010505-05	Soil	1/20/2023 11:45	01/23/2023

Analyte: Percent Solids [SM 2540 G]

Analyst: ATL

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
3010505-01	S-2A 8-10ft	90	1.0	%	1	B3A2513	01/25/2023	01/26/2023 14:40	
3010505-02	S-5A 2-5ft	87	1.0	%	1	B3A2513	01/25/2023	01/26/2023 14:40	
3010505-03	S-6A 3-5ft	88	1.0	%	1	B3A2513	01/25/2023	01/26/2023 14:40	
3010505-04	S-7A 1-3ft	88	1.0	%	1	B3A2513	01/25/2023	01/26/2023 14:40	
3010505-05	S-8A 2-5ft	87	1.0	%	1	B3A2513	01/25/2023	01/26/2023 14:40	

Client Sample ID S-2A 8-10ft

Lab ID: 3010505-01

Conn. Extractable TPH

Method: CT-ETPH

Analyst: MJH

Matrix: Soil

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	55	1	EPA 3550C	B3A2436	01/24/2023	01/24/2023 18:51	
Surrogate: Octacosane	*76.5 %*	*50 - 150*			B3A2436	01/24/2023	*01/24/2023 18:51*	

CET # : 3010505
Project: 105338
Project Number: 105338

Client Sample ID S-5A 2-5ft

Lab ID: 3010505-02

Volatile Organics
Method: EPA 8260C

Analyst: PDS

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	7000	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
Chloromethane	ND	4700	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	*I
Vinyl Chloride	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
Bromomethane	ND	4700	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
Chloroethane	ND	4700	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
Trichlorofluoromethane	ND	19000	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
Acetone	ND	70000	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	*I
Acrylonitrile	ND	3800	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
Trichlorotrifluoroethane	ND	19000	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
1,1-Dichloroethene	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
Methylene Chloride	ND	28000	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
Carbon Disulfide	ND	4700	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	*C1*I
Methyl-t-Butyl Ether (MTBE)	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
trans-1,2-Dichloroethene	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
1,1-Dichloroethane	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
2-Butanone (MEK)	ND	12000	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
2,2-Dichloropropane	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
cis-1,2-Dichloroethene	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
Bromochloromethane	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
Chloroform	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
Tetrahydrofuran	ND	12000	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	*I
1,1,1-Trichloroethane	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
Carbon Tetrachloride	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
1,1-Dichloropropene	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
Benzene	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
1,2-Dichloroethane	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
Trichloroethene	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
1,2-Dichloropropane	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
Dibromomethane	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
Bromodichloromethane	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
Methyl Isobutyl Ketone	ND	12000	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
cis-1,3-Dichloropropene	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
Toluene	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
trans-1,3-Dichloropropene	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
2-Hexanone	ND	12000	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
1,1,2-Trichloroethane	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
Tetrachloroethene	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
1,3-Dichloropropane	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
Dibromochloromethane	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
1,2-Dibromoethane	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	

Client Sample ID S-5A 2-5ft

Lab ID: 3010505-02

Volatile Organics **Analyst: PDS**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
trans-1,4-Dichloro-2-Butene	ND	12000	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
Chlorobenzene	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
1,1,1,2-Tetrachloroethane	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
Ethylbenzene	**36000**	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
m+p Xylenes	**150000**	4700	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
o-Xylene	**36000**	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
Styrene	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
Bromoform	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
Isopropylbenzene	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
1,1,2,2-Tetrachloroethane	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
Bromobenzene	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
1,2,3-Trichloropropane	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
n-Propylbenzene	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
2-Chlorotoluene	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
4-Chlorotoluene	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
1,3,5-Trimethylbenzene	**23000**	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
tert-Butylbenzene	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
1,2,4-Trimethylbenzene	**63000**	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
sec-Butylbenzene	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
1,3-Dichlorobenzene	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
4-Isopropyltoluene	**4800**	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
1,4-Dichlorobenzene	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
1,2-Dichlorobenzene	**47000**	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
n-Butylbenzene	**4000**	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
1,2-Dibromo-3-Chloropropane	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
1,2,4-Trichlorobenzene	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
Hexachlorobutadiene	ND	2300	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
Naphthalene	**12000**	4700	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
1,2,3-Trichlorobenzene	ND	4700	819.67	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:25	
Surrogate: 1,2-Dichloroethane-d4	*102 %*		*70 - 130*		B3A2625	01/26/2023	*01/26/2023 16:25*	
Surrogate: Toluene-d8	*102 %*		*70 - 130*		B3A2625	01/26/2023	*01/26/2023 16:25*	
Surrogate: 4-Bromofluorobenzene	*99.3 %*		*70 - 130*		B3A2625	01/26/2023	*01/26/2023 16:25*	

Client Sample ID S-6A 3-5ft

Lab ID: 3010505-03

Volatile Organics
Method: EPA 8260C

Analyst: PDS
Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	3000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
Chloromethane	ND	2000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	*I
Vinyl Chloride	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
Bromomethane	ND	2000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
Chloroethane	ND	2000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
Trichlorofluoromethane	ND	8100	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
Acetone	ND	30000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	*I
Acrylonitrile	ND	1600	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
Trichlorotrifluoroethane	ND	8100	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
1,1-Dichloroethene	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
Methylene Chloride	ND	12000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
Carbon Disulfide	ND	2000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	*C1*I
Methyl-t-Butyl Ether (MTBE)	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
trans-1,2-Dichloroethene	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
1,1-Dichloroethane	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
2-Butanone (MEK)	ND	5000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
2,2-Dichloropropane	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
cis-1,2-Dichloroethene	**1300**	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
Bromochloromethane	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
Chloroform	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
Tetrahydrofuran	ND	5000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	*I
1,1,1-Trichloroethane	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
Carbon Tetrachloride	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
1,1-Dichloropropene	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
Benzene	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
1,2-Dichloroethane	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
Trichloroethene	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
1,2-Dichloropropane	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
Dibromomethane	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
Bromodichloromethane	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
Methyl Isobutyl Ketone	ND	5000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
cis-1,3-Dichloropropene	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
Toluene	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
trans-1,3-Dichloropropene	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
2-Hexanone	ND	5000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
1,1,2-Trichloroethane	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
Tetrachloroethene	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
1,3-Dichloropropane	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
Dibromochloromethane	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
1,2-Dibromoethane	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	

Client Sample ID S-6A 3-5ft

Lab ID: 3010505-03

Volatile Organics **Analyst: PDS**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
trans-1,4-Dichloro-2-Butene	**25000**	5000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
Chlorobenzene	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
1,1,1,2-Tetrachloroethane	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
Ethylbenzene	**32000**	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
m+p Xylenes	**160000**	2000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
o-Xylene	**38000**	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
Styrene	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
Bromoform	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
Isopropylbenzene	**1700**	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
1,1,2,2-Tetrachloroethane	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
Bromobenzene	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
1,2,3-Trichloropropane	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
n-Propylbenzene	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
2-Chlorotoluene	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
4-Chlorotoluene	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
1,3,5-Trimethylbenzene	**28000**	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
tert-Butylbenzene	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
1,2,4-Trimethylbenzene	**71000**	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
sec-Butylbenzene	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
1,3-Dichlorobenzene	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
4-Isopropyltoluene	**5400**	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
1,4-Dichlorobenzene	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
1,2-Dichlorobenzene	**41000**	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
n-Butylbenzene	**3000**	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
1,2-Dibromo-3-Chloropropane	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
1,2,4-Trichlorobenzene	**1300**	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
Hexachlorobutadiene	ND	1000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
Naphthalene	**14000**	2000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
1,2,3-Trichlorobenzene	ND	2000	354.86	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 16:59	
Surrogate: 1,2-Dichloroethane-d4	*102 %*		*70 - 130*		B3A2625	01/26/2023	*01/26/2023 16:59*	
Surrogate: Toluene-d8	*103 %*		*70 - 130*		B3A2625	01/26/2023	*01/26/2023 16:59*	
Surrogate: 4-Bromofluorobenzene	*102 %*		*70 - 130*		B3A2625	01/26/2023	*01/26/2023 16:59*	

Client Sample ID S-7A 1-3ft

Lab ID: 3010505-04

Volatile Organics **Analyst: PDS**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	1500	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
Chloromethane	ND	980	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	*I
Vinyl Chloride	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
Bromomethane	ND	980	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
Chloroethane	ND	980	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
Trichlorofluoromethane	ND	3900	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
Acetone	ND	15000	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	*I
Acrylonitrile	ND	780	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
Trichlorotrifluoroethane	ND	3900	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
1,1-Dichloroethene	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
Methylene Chloride	ND	5900	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
Carbon Disulfide	ND	980	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	*C1*I
Methyl-t-Butyl Ether (MTBE)	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
trans-1,2-Dichloroethene	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
1,1-Dichloroethane	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
2-Butanone (MEK)	ND	2400	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
2,2-Dichloropropane	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
cis-1,2-Dichloroethene	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
Bromochloromethane	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
Chloroform	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
Tetrahydrofuran	ND	2400	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	*I
1,1,1-Trichloroethane	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
Carbon Tetrachloride	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
1,1-Dichloropropene	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
Benzene	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
1,2-Dichloroethane	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
Trichloroethene	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
1,2-Dichloropropane	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
Dibromomethane	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
Bromodichloromethane	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
Methyl Isobutyl Ketone	ND	2400	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
cis-1,3-Dichloropropene	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
Toluene	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
trans-1,3-Dichloropropene	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
2-Hexanone	ND	2400	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
1,1,2-Trichloroethane	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
Tetrachloroethene	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
1,3-Dichloropropane	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
Dibromochloromethane	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
1,2-Dibromoethane	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	

Client Sample ID S-7A 1-3ft

Lab ID: 3010505-04

Volatile Organics **Analyst: PDS**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
trans-1,4-Dichloro-2-Butene	ND	2400	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
Chlorobenzene	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
1,1,1,2-Tetrachloroethane	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
Ethylbenzene	**9000**	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
m+p Xylenes	**34000**	980	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
o-Xylene	**8500**	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
Styrene	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
Bromoform	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
Isopropylbenzene	**490**	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
1,1,2,2-Tetrachloroethane	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
Bromobenzene	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
1,2,3-Trichloropropane	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
n-Propylbenzene	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
2-Chlorotoluene	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
4-Chlorotoluene	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
1,3,5-Trimethylbenzene	**6300**	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
tert-Butylbenzene	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
1,2,4-Trimethylbenzene	**18000**	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
sec-Butylbenzene	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
1,3-Dichlorobenzene	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
4-Isopropyltoluene	**1400**	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
1,4-Dichlorobenzene	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
1,2-Dichlorobenzene	**13000**	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
n-Butylbenzene	**990**	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
1,2-Dibromo-3-Chloropropane	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
1,2,4-Trichlorobenzene	**560**	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
Hexachlorobutadiene	ND	490	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
Naphthalene	**3600**	980	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
1,2,3-Trichlorobenzene	ND	980	171.82	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:20	
Surrogate: 1,2-Dichloroethane-d4	*99.1 %*		*70 - 130*		B3A2625	01/26/2023	*01/26/2023 17:20*	
Surrogate: Toluene-d8	*100 %*		*70 - 130*		B3A2625	01/26/2023	*01/26/2023 17:20*	
Surrogate: 4-Bromofluorobenzene	*101 %*		*70 - 130*		B3A2625	01/26/2023	*01/26/2023 17:20*	

Client Sample ID S-8A 2-5ft

Lab ID: 3010505-05

Conn. Extractable TPH **Analyst: MJH**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**180**	57	1	EPA 3550C	B3A2436	01/24/2023	01/24/2023 19:12	5
Surrogate: Octacosane	*77.5 %*	*50 - 150*			B3A2436	01/24/2023	*01/24/2023 19:12*	

5 C9-C14 Gasoline Range

Volatile Organics **Analyst: PDS**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	1200	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
Chloromethane	ND	830	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	*I
Vinyl Chloride	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
Bromomethane	ND	830	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
Chloroethane	ND	830	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
Trichlorofluoromethane	ND	3300	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
Acetone	ND	12000	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	*I
Acrylonitrile	ND	660	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
Trichlorotrifluoroethane	ND	3300	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
1,1-Dichloroethene	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
Methylene Chloride	ND	5000	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
Carbon Disulfide	ND	830	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	*C1*I
Methyl-t-Butyl Ether (MTBE)	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
trans-1,2-Dichloroethene	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
1,1-Dichloroethane	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
2-Butanone (MEK)	ND	2100	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
2,2-Dichloropropane	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
cis-1,2-Dichloroethene	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
Bromochloromethane	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
Chloroform	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
Tetrahydrofuran	ND	2100	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	*I
1,1,1-Trichloroethane	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
Carbon Tetrachloride	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
1,1-Dichloropropene	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
Benzene	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
1,2-Dichloroethane	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
Trichloroethene	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
1,2-Dichloropropane	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	

Client Sample ID S-8A 2-5ft

Lab ID: 3010505-05

Volatile Organics **Analyst: PDS**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dibromomethane	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
Bromodichloromethane	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
Methyl Isobutyl Ketone	ND	2100	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
cis-1,3-Dichloropropene	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
Toluene	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
trans-1,3-Dichloropropene	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
2-Hexanone	ND	2100	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
1,1,2-Trichloroethane	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
Tetrachloroethene	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
1,3-Dichloropropane	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
Dibromochloromethane	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
1,2-Dibromoethane	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
trans-1,4-Dichloro-2-Butene	ND	2100	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
Chlorobenzene	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
1,1,1,2-Tetrachloroethane	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
Ethylbenzene	**11000**	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
m+p Xylenes	**42000**	830	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
o-Xylene	**8800**	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
Styrene	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
Bromoform	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
Isopropylbenzene	**580**	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
1,1,2,2-Tetrachloroethane	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
Bromobenzene	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
1,2,3-Trichloropropane	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
n-Propylbenzene	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
2-Chlorotoluene	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
4-Chlorotoluene	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
1,3,5-Trimethylbenzene	**5100**	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
tert-Butylbenzene	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
1,2,4-Trimethylbenzene	**15000**	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
sec-Butylbenzene	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
1,3-Dichlorobenzene	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
4-Isopropyltoluene	**990**	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
1,4-Dichlorobenzene	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
1,2-Dichlorobenzene	**11000**	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
n-Butylbenzene	**910**	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
1,2-Dibromo-3-Chloropropane	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
1,2,4-Trichlorobenzene	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
Hexachlorobutadiene	ND	410	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
Naphthalene	**3000**	830	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	
1,2,3-Trichlorobenzene	ND	830	143.99	EPA 5035A-H	B3A2625	01/26/2023	01/26/2023 17:42	

CET # : 3010505
Project: 105338
Project Number: 105338

Client Sample ID S-8A 2-5ft

Lab ID: 3010505-05

Volatile Organics **Analyst: PDS**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg)	RL (ug/kg)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: 1,2-Dichloroethane-d4	*94.4 %*		*70 - 130*		B3A2625	01/26/2023	*01/26/2023 17:42*	
Surrogate: Toluene-d8	*101 %*		*70 - 130*		B3A2625	01/26/2023	*01/26/2023 17:42*	
Surrogate: 4-Bromofluorobenzene	*103 %*		*70 - 130*		B3A2625	01/26/2023	*01/26/2023 17:42*	

QUALITY CONTROL SECTION

Batch B3A2436 - CT-ETPH

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B3A2436-BLK1)					Prepared: 1/24/23 Analyzed: 1/24/23				
ETPH	ND	50							
Surrogate: Octacosane					*79.9*	*50 - 150*			
LCS (B3A2436-BS1)					Prepared: 1/24/23 Analyzed: 1/24/23				
ETPH	1230	50	1,500.000		82.2	60 - 120			
Surrogate: Octacosane					*72.4*	*50 - 150*			

Batch B3A2625 - EPA 8260C

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B3A2625-BLK1)					Prepared: 1/26/23 Analyzed: 1/26/23				
Dichlorodifluoromethane	ND	7.5							
Chloromethane	ND	5.0							
Vinyl Chloride	ND	2.5							
Bromomethane	ND	5.0							
Chloroethane	ND	5.0							
Trichlorofluoromethane	ND	20							
Acetone	ND	75							
Acrylonitrile	ND	4.0							
Trichlorotrifluoroethane	ND	20							
1,1-Dichloroethene	ND	2.5							
Methylene Chloride	ND	30							
Carbon Disulfide	ND	5.0							
Methyl-t-Butyl Ether (MTBE)	ND	2.5							
trans-1,2-Dichloroethene	ND	2.5							
1,1-Dichloroethane	ND	2.5							
2-Butanone (MEK)	ND	13							
2,2-Dichloropropane	ND	2.5							
cis-1,2-Dichloroethene	ND	2.5							
Bromochloromethane	ND	2.5							
Chloroform	ND	2.5							
Tetrahydrofuran	ND	13							
1,1,1-Trichloroethane	ND	2.5							
Carbon Tetrachloride	ND	2.5							
1,1-Dichloropropene	ND	2.5							
Benzene	ND	2.5							
1,2-Dichloroethane	ND	2.5							
Trichloroethene	ND	2.5							
1,2-Dichloropropane	ND	2.5							
Dibromomethane	ND	2.5							
Bromodichloromethane	ND	2.5							
Methyl Isobutyl Ketone	ND	13							
cis-1,3-Dichloropropene	ND	2.5							
Toluene	ND	2.5							
trans-1,3-Dichloropropene	ND	2.5							
2-Hexanone	ND	13							
1,1,2-Trichloroethane	ND	2.5							
Tetrachloroethene	ND	2.5							
1,3-Dichloropropane	ND	2.5							
Dibromochloromethane	ND	2.5							
1,2-Dibromoethane	ND	2.5							
trans-1,4-Dichloro-2-Butene	ND	13							
Chlorobenzene	ND	2.5							
1,1,1,2-Tetrachloroethane	ND	2.5							
Ethylbenzene	ND	2.5							
m+p Xylenes	ND	5.0							
o-Xylene	ND	2.5							
Styrene	ND	2.5							
Bromoform	ND	2.5							
Isopropylbenzene	ND	2.5							
1,1,2,2-Tetrachloroethane	ND	2.5							
Bromobenzene	ND	2.5							
1,2,3-Trichloropropane	ND	2.5							

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B3A2625-BLK1) - Continued					Prepared: 1/26/23 Analyzed: 1/26/23				
n-Propylbenzene	ND	2.5							
2-Chlorotoluene	ND	2.5							
4-Chlorotoluene	ND	2.5							
1,3,5-Trimethylbenzene	ND	2.5							
tert-Butylbenzene	ND	2.5							
1,2,4-Trimethylbenzene	ND	2.5							
sec-Butylbenzene	ND	2.5							
1,3-Dichlorobenzene	ND	2.5							
4-Isopropyltoluene	ND	2.5							
1,4-Dichlorobenzene	ND	2.5							
1,2-Dichlorobenzene	ND	2.5							
n-Butylbenzene	ND	2.5							
1,2-Dibromo-3-Chloropropane	ND	2.5							
1,2,4-Trichlorobenzene	ND	2.5							
Hexachlorobutadiene	ND	2.5							
Naphthalene	ND	5.0							
1,2,3-Trichlorobenzene	ND	5.0							
Surrogate: 1,2-Dichloroethane-d4					*107*	*70 - 130*			
Surrogate: Toluene-d8					*97.9*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*99.0*	*70 - 130*			
LCS (B3A2625-BS1)					Prepared: 1/26/23 Analyzed: 1/26/23				
Dichlorodifluoromethane	45.3	7.5	50.000		90.5	70 - 130			
Chloromethane	45.0	5.0	50.000		90.1	70 - 130			
Vinyl Chloride	42.5	2.5	50.000		84.9	70 - 130			
Bromomethane	53.6	5.0	50.000		107	70 - 130			
Chloroethane	48.2	5.0	50.000		96.4	70 - 130			
Trichlorofluoromethane	43.7	20	50.000		87.4	70 - 130			
Acetone	96.7	75	100.000		96.7	70 - 130			
Acrylonitrile	45.8	4.0	50.000		91.6	70 - 130			
Trichlorotrifluoroethane	40.4	20	50.000		80.7	70 - 130			
1,1-Dichloroethene	40.2	2.5	50.000		80.4	70 - 130			
Methylene Chloride	47.4	30	50.000		94.9	70 - 130			
Carbon Disulfide	39.5	5.0	50.000		79.0	70 - 130			
Methyl-t-Butyl Ether (MTBE)	44.5	2.5	50.000		89.1	70 - 130			
trans-1,2-Dichloroethene	43.1	2.5	50.000		86.2	70 - 130			
1,1-Dichloroethane	43.9	2.5	50.000		87.9	70 - 130			
2-Butanone (MEK)	86.6	13	100.000		86.6	70 - 130			
2,2-Dichloropropane	52.9	2.5	50.000		106	70 - 130			
cis-1,2-Dichloroethene	44.6	2.5	50.000		89.1	70 - 130			
Bromochloromethane	44.2	2.5	50.000		88.5	70 - 130			
Chloroform	43.7	2.5	50.000		87.4	70 - 130			
Tetrahydrofuran	48.6	13	50.000		97.1	70 - 130			
1,1,1-Trichloroethane	45.1	2.5	50.000		90.2	70 - 130			
Carbon Tetrachloride	45.4	2.5	50.000		90.7	70 - 130			
1,1-Dichloropropene	44.8	2.5	50.000		89.6	70 - 130			
Benzene	43.3	2.5	50.000		86.5	70 - 130			
1,2-Dichloroethane	43.1	2.5	50.000		86.1	70 - 130			
Trichloroethene	44.2	2.5	50.000		88.4	70 - 130			
1,2-Dichloropropane	44.8	2.5	50.000		89.5	70 - 130			
Dibromomethane	43.1	2.5	50.000		86.2	70 - 130			
Bromodichloromethane	45.2	2.5	50.000		90.4	70 - 130			
Methyl Isobutyl Ketone	96.1	13	100.000		96.1	70 - 130			

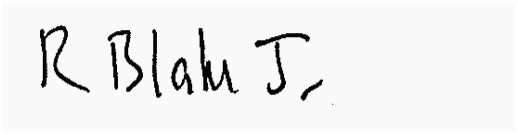
Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B3A2625-BS1) - Continued					Prepared: 1/26/23 Analyzed: 1/26/23				
cis-1,3-Dichloropropene	49.0	2.5	50.000		97.9	70 - 130			
Toluene	44.4	2.5	50.000		88.9	70 - 130			
trans-1,3-Dichloropropene	50.3	2.5	50.000		101	70 - 130			
2-Hexanone	94.2	13	100.000		94.2	70 - 130			
1,1,2-Trichloroethane	44.4	2.5	50.000		88.7	70 - 130			
Tetrachloroethene	44.4	2.5	50.000		88.8	70 - 130			
1,3-Dichloropropane	44.7	2.5	50.000		89.5	70 - 130			
Dibromochloromethane	46.0	2.5	50.000		92.0	70 - 130			
1,2-Dibromoethane	44.9	2.5	50.000		89.8	70 - 130			
trans-1,4-Dichloro-2-Butene	47.0	13	50.000		94.0	70 - 130			
Chlorobenzene	44.3	2.5	50.000		88.7	70 - 130			
1,1,1,2-Tetrachloroethane	45.0	2.5	50.000		89.9	70 - 130			
Ethylbenzene	44.9	2.5	50.000		89.8	70 - 130			
m+p Xylenes	91.6	5.0	100.000		91.6	70 - 130			
o-Xylene	46.2	2.5	50.000		92.4	70 - 130			
Styrene	45.2	2.5	50.000		90.3	70 - 130			
Bromoform	46.8	2.5	50.000		93.5	70 - 130			
Isopropylbenzene	46.5	2.5	50.000		93.0	70 - 130			
1,1,2,2-Tetrachloroethane	44.1	2.5	50.000		88.2	70 - 130			
Bromobenzene	45.7	2.5	50.000		91.5	70 - 130			
1,2,3-Trichloropropane	45.0	2.5	50.000		90.1	70 - 130			
n-Propylbenzene	47.3	2.5	50.000		94.6	70 - 130			
2-Chlorotoluene	46.6	2.5	50.000		93.1	70 - 130			
4-Chlorotoluene	46.2	2.5	50.000		92.3	70 - 130			
1,3,5-Trimethylbenzene	47.3	2.5	50.000		94.6	70 - 130			
tert-Butylbenzene	47.9	2.5	50.000		95.7	70 - 130			
1,2,4-Trimethylbenzene	46.8	2.5	50.000		93.5	70 - 130			
sec-Butylbenzene	47.9	2.5	50.000		95.9	70 - 130			
1,3-Dichlorobenzene	45.3	2.5	50.000		90.5	70 - 130			
4-Isopropyltoluene	48.1	2.5	50.000		96.2	70 - 130			
1,4-Dichlorobenzene	45.0	2.5	50.000		90.0	70 - 130			
1,2-Dichlorobenzene	45.7	2.5	50.000		91.3	70 - 130			
n-Butylbenzene	48.1	2.5	50.000		96.2	70 - 130			
1,2-Dibromo-3-Chloropropane	49.1	2.5	50.000		98.1	70 - 130			
1,2,4-Trichlorobenzene	47.8	2.5	50.000		95.5	70 - 130			
Hexachlorobutadiene	46.6	2.5	50.000		93.3	70 - 130			
Naphthalene	49.0	5.0	50.000		97.9	70 - 130			
1,2,3-Trichlorobenzene	46.6	5.0	50.000		93.1	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*100*	*70 - 130*			
Surrogate: Toluene-d8					*100*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*97.5*	*70 - 130*			

All questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

This technical report was reviewed by Robert Blake



Project Manager

This report shall not be reproduced except in full, without the written approval of the laboratory

Report Comments:

Sample Result Flags:
E- The result is estimated, above the calibration range.
H- The surrogate recovery is above the control limits.
L- The surrogate recovery is below the control limits.
B- The compound was detected in the laboratory blank.
P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
+- The Surrogate was diluted out.
*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
*I- Analyte exceeds method limits from second source standard in Initial Calibration Verification (ICV). No directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

For Percent Solids, if any of the following prep methods (3050B, 3540C, 3545A, 3550C, 5035 and 9013A) were used for samples pertaining to this report, the percent solids procedure is within that prep method.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at or above the specified reporting limit
Reporting Limit (RL) is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

Tel: (203) 377-9984
Fax: (203) 377-9952
email: cet1@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected at or above the specified reporting limit.
RL	RL is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Result	Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte found in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.

NELAP ACCREDITED TNI LABORATORY

Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903
Pennsylvania NELAP Accreditation 68-02927

New York NELAP Accreditation 11982
Rhode Island Certification 199

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** Triton Environmental

Project Location: 105338 ***Project Number:*** 105338

Laboratory Sample ID(s): ***Sample Date(s):***

3010505-01 thru 3010505-05 01/20/2023

List RCP Methods Used: ***CET #:*** 3010505

CT-ETPH, EPA 8260C

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5a	a) Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5b	b) Were these reporting limits met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all consituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No
7	Are project specific matrix spikes and laboratory duplicates included with this data set?	☐ Yes ☑ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature:  **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 01/27/2023

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

RCP Case Narrative

4- See Exceptions Report Below

7- Project specific QC was not requested by the client.

4- Exceptions Report

Analyte	QC Type	Exception	Result	RPD	Recovery (%)	Batch/Sequence Sample ID
Carbon Disulfide	CC	Low	39.5		79.0	S3A2707
Acetone	ICV	Analyte exceeds method limit of second source standard. Non-directional bias				
Carbon Disulfide	ICV	Analyte exceeds method limit of second source standard. Non-directional bias				
Chloromethane	ICV	Analyte exceeds method limit of second source standard. Non-directional bias				
Tetrahydrofuran	ICV	Analyte exceeds method limit of second source standard. Non-directional bias				

QC Batch/Sequence Report

Batch	Sequence	CET ID	Sample ID	Specific Method	Matrix	Collection Date
B3A2436		3010505-01	S-2A 8-10ft	CT-ETPH	Soil	01/20/2023
B3A2436		3010505-05	S-8A 2-5ft	CT-ETPH	Soil	01/20/2023
B3A2625	S3A2707	3010505-02	S-5A 2-5ft	EPA 8260C	Soil	01/20/2023
B3A2625	S3A2707	3010505-03	S-6A 3-5ft	EPA 8260C	Soil	01/20/2023
B3A2625	S3A2707	3010505-04	S-7A 1-3ft	EPA 8260C	Soil	01/20/2023
B3A2625	S3A2707	3010505-05	S-8A 2-5ft	EPA 8260C	Soil	01/20/2023

Certified Analyses included in this Report

Analyte	Certifications
CT-ETPH in Soil	
ETPH	CT
EPA 8260C in Soil	
Dichlorodifluoromethane	CT,NY,PA
Chloromethane	CT,NY,PA
Vinyl Chloride	CT,NY,PA
Bromomethane	CT,NY,PA
Chloroethane	CT,NY,PA
Trichlorofluoromethane	CT,NY,PA
Acetone	CT,NY,PA
Acrylonitrile	CT
Trichlorotrifluoroethane	CT,NY,PA
1,1-Dichloroethene	CT,NY,PA
Methylene Chloride	CT,NY,PA
Carbon Disulfide	CT,NY,PA
Methyl-t-Butyl Ether (MTBE)	CT,NY,PA
trans-1,2-Dichloroethene	CT,NY,PA
1,1-Dichloroethane	CT,NY,PA
2-Butanone (MEK)	CT,NY,PA
2,2-Dichloropropane	CT,NY,PA
cis-1,2-Dichloroethene	CT,NY,PA
Bromochloromethane	CT,NY,PA
Chloroform	CT,NY,PA
Tetrahydrofuran	CT
1,1,1-Trichloroethane	CT,NY,PA
Carbon Tetrachloride	CT,NY,PA
1,1-Dichloropropene	CT,NY,PA
Benzene	CT,NY,PA
1,2-Dichloroethane	CT,NY,PA
Trichloroethene	CT,NY,PA
1,2-Dichloropropane	CT,NY,PA
Dibromomethane	CT,NY,PA
Bromodichloromethane	CT,NY,PA
Methyl Isobutyl Ketone	CT,NY,PA
cis-1,3-Dichloropropene	CT,NY,PA
Toluene	CT,NY,PA
trans-1,3-Dichloropropene	CT,NY,PA
2-Hexanone	CT,NY,PA
1,1,2-Trichloroethane	CT,NY,PA
Tetrachloroethene	CT,NY,PA
1,3-Dichloropropane	CT,NY,PA
Dibromochloromethane	CT,NY,PA
1,2-Dibromoethane	CT,NY,PA
trans-1,4-Dichloro-2-Butene	CT,NY,PA
Chlorobenzene	CT,NY,PA
1,1,1,2-Tetrachloroethane	CT,NY,PA
Ethylbenzene	CT,NY,PA
m+p Xylenes	CT,NY,PA
o-Xylene	CT,NY,PA
Styrene	CT,NY,PA

Certified Analyses included in this Report

Analyte	Certifications
EPA 8260C in Soil	
Bromoform	CT,NY,PA
Isopropylbenzene	CT,NY,PA
1,1,2,2-Tetrachloroethane	CT,NY,PA
Bromobenzene	CT,NY,PA
1,2,3-Trichloropropane	CT,NY,PA
n-Propylbenzene	CT,NY,PA
2-Chlorotoluene	CT,NY,PA
4-Chlorotoluene	CT,NY,PA
1,3,5-Trimethylbenzene	CT,NY,PA
tert-Butylbenzene	CT,NY,PA
1,2,4-Trimethylbenzene	CT,NY,PA
sec-Butylbenzene	CT,NY,PA
1,3-Dichlorobenzene	CT,NY,PA
4-Isopropyltoluene	CT,NY,PA
1,4-Dichlorobenzene	CT,NY,PA
1,2-Dichlorobenzene	CT,NY,PA
n-Butylbenzene	CT,NY,PA
1,2-Dibromo-3-Chloropropane	CT,NY,PA
1,2,4-Trichlorobenzene	CT,NY,PA
Hexachlorobutadiene	CT,NY
Naphthalene	CT,NY,PA
1,2,3-Trichlorobenzene	CT
SM 2540 G in Soil	
Percent Solids	CT

Complete Environmental Testing operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Public Health	PH0116	09/30/2024
NY	New York Certification (NELAC)	11982	04/01/2023
PA	Pennsylvania DEP	68-02927	05/31/2023

3010505

CHAIN OF CUSTODY

COMPLETE ENVIRONMENTAL TESTING, INC.

Volatile Soils Only:
Date and Time in Freezer
Client:
CET: 1-23-23 1030

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette Solid, Wipe, Other (Specify)

Sample ID/Sample Depths (include Units for any sample depths provided)	Collection Date/Time	Matrix	Turnaround Time ** (check one): Same Day *	Next Day *	Two Day *	Three Day *	Std (5-7 Days)	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAs	PCBs ☐ SOX ☐ ASE	Pesticides	Metals: 8 RCRA	13 Priority Poll	15 CT DEP	Total	SPLP	TCLP	Dissolved	Field Filtered	Lab to Filter	Additional Analysis	TOTAL # OF CONT.	NOTE #
S-2A 8-10'	1/20/23 10:40	S					X				X															1	
S-5A 2-5'	11:15						X	X																		4	
S-6A 3-5'	12:10						X	X																		4	
S-7A 1-3'	12:00						X	X																		4	
S-8A 2-5'	11:45						X	X			X															4	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B=Sodium Bisulfate W=Water F=Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Nicholas Gilbertson	1/23/23 9:00	
	1/23/23 1015	1/23/23
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

TOTAL # OF CONT.: 17

NOTES: SAVE EXTR. SOIL for SPLP IF NEEDED

Client / Reporting Information

Company Name: Trium Environmental
Address: 385 Church St Suite 201
City: Guilford State: CT Zip: 06437
Report To: Zach Wilhelm E-mail: on file
Phone #: 203-458-7200 Fax #:

Project Information

Project: 105336 PO #: 105336
Location: Portland Project #: 105336
CET Quote #: Collector(s): Zach

QA/QC ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg * ☒ QAW *
Data Report ☒ PDF ☒ EDD - Specify Format Excel Other
RSR Reporting Limits (check one) ☒ GA ☐ GB ☒ SWP ☐ Other
Laboratory Certification Needed (check one) ☒ CT ☐ NY ☐ RI ☐ MA ☐ PA
Temp Upon Receipt 2.4 °C Evidence of Cooling: Y N

PAGE 1 OF 1

*** Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.**

REV. 12/18

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Zachary Hawk
Triton Environmental
385 Church St.
Guilford, CT 06437

Analytical Report

CET# 3010721

Report Date:February 06, 2023
Project: 105338
Project Number: 105338
PO Number: 105338

Connecticut Laboratory Certificate: PH 0116
Massachusetts Laboratory Certificate: M-CT903
Rhode Island Laboratory Certificate: 199

New York NELAP Accreditation: 11982
Pennsylvania Laboratory Certificate: 68-02927

SAMPLE SUMMARY

The sample(s) were received at 2.4°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
S-5A 2-5ft	3010721-01	Soil	1/20/2023 12:15	01/23/2023
S-6A 3-5ft	3010721-02	Soil	1/20/2023 12:10	01/23/2023
S-7A 1-3ft	3010721-03	Soil	1/20/2023 12:00	01/23/2023
S-8A 2-5ft	3010721-04	Soil	1/20/2023 11:45	01/23/2023

Client Sample ID S-5A 2-5ft

Lab ID: 3010721-01

SPLP Volatiles **Analyst: TWF**

Method: EPA 8260C-1312 **Matrix: Extract**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	*F2*C2
Chloromethane	ND	2.7	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	*I
Vinyl Chloride	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
Bromomethane	ND	5.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
Chloroethane	ND	5.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
Trichlorofluoromethane	ND	25	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
Acetone	ND	50	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	*C2
Acrylonitrile	ND	0.50	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	*C2
Trichlorotrifluoroethane	ND	25	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	*C2
1,1-Dichloroethene	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
Methylene Chloride	ND	5.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
Carbon Disulfide	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
trans-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
1,1-Dichloroethane	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
2-Butanone (MEK)	ND	25	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
2,2-Dichloropropane	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
cis-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
Chloroform	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
Tetrahydrofuran	ND	5.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	*I
1,1,1-Trichloroethane	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
Carbon Tetrachloride	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	*C2
1,1-Dichloropropene	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
Benzene	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
1,2-Dichloroethane	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
Trichloroethene	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
1,2-Dichloropropane	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
Dibromomethane	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
Bromodichloromethane	ND	0.50	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
Methyl Isobutyl Ketone	ND	25	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
cis-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
Toluene	**1.6**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
trans-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
2-Hexanone	ND	25	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
1,1,2-Trichloroethane	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
Tetrachloroethene	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
1,3-Dichloropropane	ND	0.50	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
Dibromochloromethane	ND	0.50	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
1,2-Dibromoethane	ND	0.50	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
trans-1,4-Dichloro-2-Butene	ND	10	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	

Client Sample ID S-5A 2-5ft

Lab ID: 3010721-01

SPLP Volatiles **Analyst: TWF**

Method: EPA 8260C-1312 **Matrix: Extract**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Chlorobenzene	**3.2**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
1,1,1,2-Tetrachloroethane	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
Ethylbenzene	**270**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	E
m+p Xylenes	**990**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	E
o-Xylene	**370**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	E
Styrene	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
Bromoform	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	*C2
Isopropylbenzene	**17**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
1,1,2,2-Tetrachloroethane	ND	0.50	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
Bromobenzene	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
1,2,3-Trichloropropane	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
n-Propylbenzene	**38**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
1,3,5-Trimethylbenzene	**190**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
tert-Butylbenzene	**4.8**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
1,2,4-Trimethylbenzene	**460**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	E
sec-Butylbenzene	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
1,3-Dichlorobenzene	**35**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
4-Isopropyltoluene	**21**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
1,4-Dichlorobenzene	**240**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	E
1,2-Dichlorobenzene	**630**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	E
n-Butylbenzene	**12**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
1,2-Dibromo-3-Chloropropane	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
1,2,4-Trichlorobenzene	**12**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
Naphthalene	**200**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
1,2,3-Trichlorobenzene	**2.4**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:31	
Surrogate: 1,2-Dichloroethane-d4	*96.6 %*		*70 - 130*		B3B0210	02/02/2023	*02/02/2023 14:31*	
Surrogate: Toluene-d8	*98.2 %*		*70 - 130*		B3B0210	02/02/2023	*02/02/2023 14:31*	
Surrogate: 4-Bromofluorobenzene	*108 %*		*70 - 130*		B3B0210	02/02/2023	*02/02/2023 14:31*	

Client Sample ID S-5A 2-5ft

Lab ID: 3010721-01RE1(Dilution)

SPLP Volatiles **Analyst: TWF**

Method: EPA 8260C-1312 **Matrix: Extract**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	100	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	*C2
Chloromethane	ND	27	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	*I
Vinyl Chloride	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
Bromomethane	ND	50	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
Chloroethane	ND	50	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
Trichlorofluoromethane	ND	250	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
Acetone	ND	500	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
Acrylonitrile	ND	5.0	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
Trichlorotrifluoroethane	ND	250	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
1,1-Dichloroethene	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
Methylene Chloride	ND	50	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	*C1
Carbon Disulfide	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
Methyl-t-Butyl Ether (MTBE)	ND	50	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
trans-1,2-Dichloroethene	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
1,1-Dichloroethane	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
2-Butanone (MEK)	ND	250	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
2,2-Dichloropropane	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
cis-1,2-Dichloroethene	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
Chloroform	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
Tetrahydrofuran	ND	50	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	*C2*I
1,1,1-Trichloroethane	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
Carbon Tetrachloride	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
1,1-Dichloropropene	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
Benzene	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
1,2-Dichloroethane	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
Trichloroethene	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
1,2-Dichloropropane	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
Dibromomethane	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
Bromodichloromethane	ND	5.0	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
Methyl Isobutyl Ketone	ND	250	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
cis-1,3-Dichloropropene	ND	5.0	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
Toluene	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
trans-1,3-Dichloropropene	ND	5.0	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
2-Hexanone	ND	250	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
1,1,2-Trichloroethane	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
Tetrachloroethene	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
1,3-Dichloropropane	ND	5.0	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
Dibromochloromethane	ND	5.0	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
1,2-Dibromoethane	ND	5.0	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
trans-1,4-Dichloro-2-Butene	ND	100	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	

Client Sample ID S-5A 2-5ft

Lab ID: 3010721-01RE1(Dilution)

SPLP Volatiles **Analyst: TWF**

Method: EPA 8260C-1312 **Matrix: Extract**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Chlorobenzene	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	*C1
1,1,1,2-Tetrachloroethane	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	*C1
Ethylbenzene	**290**	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
m+p Xylenes	**1200**	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
o-Xylene	**370**	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
Styrene	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
Bromoform	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
Isopropylbenzene	**15**	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
1,1,2,2-Tetrachloroethane	ND	5.0	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
Bromobenzene	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
1,2,3-Trichloropropane	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
n-Propylbenzene	**32**	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
2-Chlorotoluene	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
4-Chlorotoluene	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
1,3,5-Trimethylbenzene	**170**	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
tert-Butylbenzene	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
1,2,4-Trimethylbenzene	**500**	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
sec-Butylbenzene	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
1,3-Dichlorobenzene	**31**	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
4-Isopropyltoluene	**17**	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
1,4-Dichlorobenzene	**240**	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
1,2-Dichlorobenzene	**680**	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
n-Butylbenzene	**10**	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
1,2-Dibromo-3-Chloropropane	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
1,2,4-Trichlorobenzene	**12**	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
Hexachlorobutadiene	ND	4.5	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
Naphthalene	**210**	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
1,2,3-Trichlorobenzene	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:40	
Surrogate: 1,2-Dichloroethane-d4	*93.9 %*		*70 - 130*		B3B0308	02/03/2023	*02/03/2023 12:40*	
Surrogate: Toluene-d8	*97.3 %*		*70 - 130*		B3B0308	02/03/2023	*02/03/2023 12:40*	
Surrogate: 4-Bromofluorobenzene	*106 %*		*70 - 130*		B3B0308	02/03/2023	*02/03/2023 12:40*	

Client Sample ID S-6A 3-5ft

Lab ID: 3010721-02

SPLP Volatiles **Analyst: TWF**

Method: EPA 8260C-1312 **Matrix: Extract**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	*F2*C2
Chloromethane	ND	2.7	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	*I
Vinyl Chloride	**2.5**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
Bromomethane	ND	5.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
Chloroethane	ND	5.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
Trichlorofluoromethane	ND	25	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
Acetone	ND	50	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	*C2
Acrylonitrile	ND	0.50	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	*C2
Trichlorotrifluoroethane	ND	25	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	*C2
1,1-Dichloroethene	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
Methylene Chloride	ND	5.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
Carbon Disulfide	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
trans-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
1,1-Dichloroethane	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
2-Butanone (MEK)	ND	25	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
2,2-Dichloropropane	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
cis-1,2-Dichloroethene	**8.7**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
Chloroform	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
Tetrahydrofuran	ND	5.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	*I
1,1,1-Trichloroethane	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
Carbon Tetrachloride	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	*C2
1,1-Dichloropropene	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
Benzene	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
1,2-Dichloroethane	**3.0**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
Trichloroethene	**2.1**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
1,2-Dichloropropane	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
Dibromomethane	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
Bromodichloromethane	ND	0.50	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
Methyl Isobutyl Ketone	ND	25	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
cis-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
Toluene	**9.0**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
trans-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
2-Hexanone	ND	25	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
1,1,2-Trichloroethane	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
Tetrachloroethene	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
1,3-Dichloropropane	ND	0.50	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
Dibromochloromethane	ND	0.50	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
1,2-Dibromoethane	ND	0.50	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
trans-1,4-Dichloro-2-Butene	ND	10	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	

Client Sample ID S-6A 3-5ft

Lab ID: 3010721-02

SPLP Volatiles **Analyst: TWF**

Method: EPA 8260C-1312 **Matrix: Extract**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Chlorobenzene	**10**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
1,1,1,2-Tetrachloroethane	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
Ethylbenzene	**390**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	E
m+p Xylenes	**1300**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	E
o-Xylene	**510**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	E
Styrene	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
Bromoform	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	*C2
Isopropylbenzene	**18**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
1,1,2,2-Tetrachloroethane	ND	0.50	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
Bromobenzene	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
1,2,3-Trichloropropane	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
n-Propylbenzene	**38**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
1,3,5-Trimethylbenzene	**200**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
tert-Butylbenzene	**5.7**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
1,2,4-Trimethylbenzene	**460**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	E
sec-Butylbenzene	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
1,3-Dichlorobenzene	**30**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
4-Isopropyltoluene	**19**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
1,4-Dichlorobenzene	**210**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	E
1,2-Dichlorobenzene	**620**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	E
n-Butylbenzene	**9.5**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
1,2-Dibromo-3-Chloropropane	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
1,2,4-Trichlorobenzene	**10**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
Naphthalene	**220**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	E
1,2,3-Trichlorobenzene	**2.1**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 14:52	
Surrogate: 1,2-Dichloroethane-d4	*96.2 %*		*70 - 130*		B3B0210	02/02/2023	*02/02/2023 14:52*	
Surrogate: Toluene-d8	*98.9 %*		*70 - 130*		B3B0210	02/02/2023	*02/02/2023 14:52*	
Surrogate: 4-Bromofluorobenzene	*106 %*		*70 - 130*		B3B0210	02/02/2023	*02/02/2023 14:52*	

Client Sample ID S-6A 3-5ft

Lab ID: 3010721-02RE1(Dilution)

SPLP Volatiles **Analyst: TWF**

Method: EPA 8260C-1312 **Matrix: Extract**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	100	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	*C2
Chloromethane	ND	27	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	*I
Vinyl Chloride	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
Bromomethane	ND	50	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
Chloroethane	ND	50	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
Trichlorofluoromethane	ND	250	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
Acetone	ND	500	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
Acrylonitrile	ND	5.0	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
Trichlorotrifluoroethane	ND	250	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
1,1-Dichloroethene	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
Methylene Chloride	ND	50	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	*C1
Carbon Disulfide	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
Methyl-t-Butyl Ether (MTBE)	ND	50	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
trans-1,2-Dichloroethene	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
1,1-Dichloroethane	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
2-Butanone (MEK)	ND	250	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
2,2-Dichloropropane	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
cis-1,2-Dichloroethene	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
Chloroform	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
Tetrahydrofuran	ND	50	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	*C2*I
1,1,1-Trichloroethane	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
Carbon Tetrachloride	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
1,1-Dichloropropene	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
Benzene	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
1,2-Dichloroethane	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
Trichloroethene	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
1,2-Dichloropropane	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
Dibromomethane	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
Bromodichloromethane	ND	5.0	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
Methyl Isobutyl Ketone	ND	250	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
cis-1,3-Dichloropropene	ND	5.0	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
Toluene	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
trans-1,3-Dichloropropene	ND	5.0	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
2-Hexanone	ND	250	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
1,1,2-Trichloroethane	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
Tetrachloroethene	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
1,3-Dichloropropane	ND	5.0	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
Dibromochloromethane	ND	5.0	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
1,2-Dibromoethane	ND	5.0	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
trans-1,4-Dichloro-2-Butene	ND	100	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	

Client Sample ID S-6A 3-5ft

Lab ID: 3010721-02RE1(Dilution)

SPLP Volatiles **Analyst: TWF**

Method: EPA 8260C-1312 **Matrix: Extract**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Chlorobenzene	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	*C1
1,1,1,2-Tetrachloroethane	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	*C1
Ethylbenzene	**660**	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
m+p Xylenes	**1900**	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
o-Xylene	**600**	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
Styrene	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
Bromoform	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
Isopropylbenzene	**16**	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
1,1,2,2-Tetrachloroethane	ND	5.0	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
Bromobenzene	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
1,2,3-Trichloropropane	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
n-Propylbenzene	**32**	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
2-Chlorotoluene	**49**	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
4-Chlorotoluene	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
1,3,5-Trimethylbenzene	**200**	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
tert-Butylbenzene	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
1,2,4-Trimethylbenzene	**520**	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
sec-Butylbenzene	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
1,3-Dichlorobenzene	**27**	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
4-Isopropyltoluene	**20**	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
1,4-Dichlorobenzene	**210**	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
1,2-Dichlorobenzene	**680**	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
n-Butylbenzene	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
1,2-Dibromo-3-Chloropropane	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
1,2,4-Trichlorobenzene	**11**	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
Hexachlorobutadiene	ND	4.5	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
Naphthalene	**230**	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
1,2,3-Trichlorobenzene	ND	10	10	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:02	
Surrogate: 1,2-Dichloroethane-d4	*91.8 %*		*70 - 130*		B3B0308	02/03/2023	*02/03/2023 13:02*	
Surrogate: Toluene-d8	*97.5 %*		*70 - 130*		B3B0308	02/03/2023	*02/03/2023 13:02*	
Surrogate: 4-Bromofluorobenzene	*108 %*		*70 - 130*		B3B0308	02/03/2023	*02/03/2023 13:02*	

Client Sample ID S-7A 1-3ft

Lab ID: 3010721-03

SPLP Volatiles **Analyst: TWF**

Method: EPA 8260C-1312 **Matrix: Extract**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	*C2
Chloromethane	ND	2.7	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	*I
Vinyl Chloride	ND	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
Bromomethane	ND	5.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
Chloroethane	ND	5.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
Trichlorofluoromethane	ND	25	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
Acetone	ND	50	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
Acrylonitrile	ND	0.50	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
Trichlorotrifluoroethane	ND	25	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
1,1-Dichloroethene	ND	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
Methylene Chloride	ND	5.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	*C1
Carbon Disulfide	ND	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
trans-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
1,1-Dichloroethane	ND	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
2-Butanone (MEK)	ND	25	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
2,2-Dichloropropane	ND	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
cis-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
Chloroform	ND	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
Tetrahydrofuran	ND	5.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	*C2*I
1,1,1-Trichloroethane	ND	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
Carbon Tetrachloride	ND	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
1,1-Dichloropropene	ND	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
Benzene	ND	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
1,2-Dichloroethane	ND	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
Trichloroethene	ND	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
1,2-Dichloropropane	ND	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
Dibromomethane	ND	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
Bromodichloromethane	ND	0.50	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
Methyl Isobutyl Ketone	ND	25	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
cis-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
Toluene	ND	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
trans-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
2-Hexanone	ND	25	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
1,1,2-Trichloroethane	ND	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
Tetrachloroethene	ND	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
1,3-Dichloropropane	ND	0.50	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
Dibromochloromethane	ND	0.50	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
1,2-Dibromoethane	ND	0.50	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
trans-1,4-Dichloro-2-Butene	ND	10	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	

Client Sample ID S-7A 1-3ft

Lab ID: 3010721-03

SPLP Volatiles **Analyst: TWF**

Method: EPA 8260C-1312 **Matrix: Extract**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Chlorobenzene	ND	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	*C1
1,1,1,2-Tetrachloroethane	ND	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	*C1
Ethylbenzene	**43**	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
m+p Xylenes	**27**	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
o-Xylene	**60**	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
Styrene	ND	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
Bromoform	ND	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
Isopropylbenzene	**3.4**	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
1,1,2,2-Tetrachloroethane	ND	0.50	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
Bromobenzene	ND	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
1,2,3-Trichloropropane	ND	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
n-Propylbenzene	**8.5**	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
1,3,5-Trimethylbenzene	**58**	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
tert-Butylbenzene	**2.0**	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
1,2,4-Trimethylbenzene	**3.2**	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
sec-Butylbenzene	ND	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
1,3-Dichlorobenzene	**8.3**	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
4-Isopropyltoluene	**8.5**	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
1,4-Dichlorobenzene	**63**	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
1,2-Dichlorobenzene	**170**	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
n-Butylbenzene	**4.5**	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
1,2-Dibromo-3-Chloropropane	ND	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
1,2,4-Trichlorobenzene	**5.9**	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
Naphthalene	**53**	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
1,2,3-Trichlorobenzene	ND	1.0	1	EPA 5030C	B3B0308	02/03/2023	02/03/2023 12:18	
Surrogate: 1,2-Dichloroethane-d4	*92.2 %*		*70 - 130*		B3B0308	02/03/2023	*02/03/2023 12:18*	
Surrogate: Toluene-d8	*98.2 %*		*70 - 130*		B3B0308	02/03/2023	*02/03/2023 12:18*	
Surrogate: 4-Bromofluorobenzene	*108 %*		*70 - 130*		B3B0308	02/03/2023	*02/03/2023 12:18*	

Client Sample ID S-8A 2-5ft

Lab ID: 3010721-04

SPLP Volatiles **Analyst: TWF**

Method: EPA 8260C-1312 **Matrix: Extract**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	*F2*C2
Chloromethane	ND	2.7	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	*I
Vinyl Chloride	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
Bromomethane	ND	5.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
Chloroethane	ND	5.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
Trichlorofluoromethane	ND	25	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
Acetone	ND	50	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	*C2
Acrylonitrile	ND	0.50	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	*C2
Trichlorotrifluoroethane	ND	25	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	*C2
1,1-Dichloroethene	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
Methylene Chloride	ND	5.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
Carbon Disulfide	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
trans-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
1,1-Dichloroethane	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
2-Butanone (MEK)	ND	25	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
2,2-Dichloropropane	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
cis-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
Chloroform	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
Tetrahydrofuran	ND	5.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	*I
1,1,1-Trichloroethane	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
Carbon Tetrachloride	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	*C2
1,1-Dichloropropene	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
Benzene	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
1,2-Dichloroethane	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
Trichloroethene	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
1,2-Dichloropropane	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
Dibromomethane	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
Bromodichloromethane	ND	0.50	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
Methyl Isobutyl Ketone	ND	25	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
cis-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
Toluene	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
trans-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
2-Hexanone	ND	25	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
1,1,2-Trichloroethane	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
Tetrachloroethene	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
1,3-Dichloropropane	ND	0.50	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
Dibromochloromethane	ND	0.50	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
1,2-Dibromoethane	ND	0.50	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
trans-1,4-Dichloro-2-Butene	ND	10	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	

Client Sample ID S-8A 2-5ft

Lab ID: 3010721-04

SPLP Volatiles **Analyst: TWF**

Method: EPA 8260C-1312 **Matrix: Extract**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Chlorobenzene	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
1,1,1,2-Tetrachloroethane	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
Ethylbenzene	**190**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
m+p Xylenes	**550**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
o-Xylene	**160**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
Styrene	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
Bromoform	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	*C2
Isopropylbenzene	**12**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
1,1,2,2-Tetrachloroethane	ND	0.50	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
Bromobenzene	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
1,2,3-Trichloropropane	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
n-Propylbenzene	**32**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
1,3,5-Trimethylbenzene	**120**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
tert-Butylbenzene	**3.4**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
1,2,4-Trimethylbenzene	**320**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
sec-Butylbenzene	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
1,3-Dichlorobenzene	**16**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
4-Isopropyltoluene	**20**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
1,4-Dichlorobenzene	**120**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
1,2-Dichlorobenzene	**290**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	E
n-Butylbenzene	**12**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
1,2-Dibromo-3-Chloropropane	ND	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
1,2,4-Trichlorobenzene	**5.6**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
Naphthalene	**95**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
1,2,3-Trichlorobenzene	**1.3**	1.0	1	EPA 5030C	B3B0210	02/02/2023	02/02/2023 15:36	
Surrogate: 1,2-Dichloroethane-d4	*90.9 %*		*70 - 130*		B3B0210	02/02/2023	*02/02/2023 15:36*	
Surrogate: Toluene-d8	*97.9 %*		*70 - 130*		B3B0210	02/02/2023	*02/02/2023 15:36*	
Surrogate: 4-Bromofluorobenzene	*106 %*		*70 - 130*		B3B0210	02/02/2023	*02/02/2023 15:36*	

Client Sample ID S-8A 2-5ft

Lab ID: 3010721-04RE1(Dilution)

SPLP Volatiles **Analyst: TWF**

Method: EPA 8260C-1312 **Matrix: Extract**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	50	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	*C2
Chloromethane	ND	14	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	*I
Vinyl Chloride	ND	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
Bromomethane	ND	25	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
Chloroethane	ND	25	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
Trichlorofluoromethane	ND	130	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
Acetone	ND	250	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
Acrylonitrile	ND	2.5	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
Trichlorotrifluoroethane	ND	130	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
1,1-Dichloroethene	ND	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
Methylene Chloride	ND	25	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	*C1
Carbon Disulfide	ND	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
Methyl-t-Butyl Ether (MTBE)	ND	25	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
trans-1,2-Dichloroethene	ND	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
1,1-Dichloroethane	ND	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
2-Butanone (MEK)	ND	130	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
2,2-Dichloropropane	ND	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
cis-1,2-Dichloroethene	ND	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
Chloroform	ND	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
Tetrahydrofuran	ND	25	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	*C2*I
1,1,1-Trichloroethane	ND	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
Carbon Tetrachloride	ND	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
1,1-Dichloropropene	ND	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
Benzene	ND	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
1,2-Dichloroethane	ND	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
Trichloroethene	ND	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
1,2-Dichloropropane	ND	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
Dibromomethane	ND	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
Bromodichloromethane	ND	2.5	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
Methyl Isobutyl Ketone	ND	130	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
cis-1,3-Dichloropropene	ND	2.5	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
Toluene	ND	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
trans-1,3-Dichloropropene	ND	2.5	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
2-Hexanone	ND	130	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
1,1,2-Trichloroethane	ND	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
Tetrachloroethene	ND	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
1,3-Dichloropropane	ND	2.5	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
Dibromochloromethane	ND	2.5	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
1,2-Dibromoethane	ND	2.5	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
trans-1,4-Dichloro-2-Butene	ND	50	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	

Client Sample ID S-8A 2-5ft

Lab ID: 3010721-04RE1(Dilution)

SPLP Volatiles **Analyst: TWF**

Method: EPA 8260C-1312 **Matrix: Extract**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Chlorobenzene	ND	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	*C1
1,1,1,2-Tetrachloroethane	ND	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	*C1
Ethylbenzene	**150**	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
m+p Xylenes	**620**	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
o-Xylene	**150**	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
Styrene	ND	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
Bromoform	ND	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
Isopropylbenzene	**11**	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
1,1,2,2-Tetrachloroethane	ND	2.5	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
Bromobenzene	ND	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
1,2,3-Trichloropropane	ND	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
n-Propylbenzene	**29**	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
2-Chlorotoluene	ND	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
4-Chlorotoluene	ND	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
1,3,5-Trimethylbenzene	**110**	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
tert-Butylbenzene	ND	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
1,2,4-Trimethylbenzene	**330**	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
sec-Butylbenzene	ND	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
1,3-Dichlorobenzene	**15**	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
4-Isopropyltoluene	**18**	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
1,4-Dichlorobenzene	**110**	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
1,2-Dichlorobenzene	**280**	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
n-Butylbenzene	**11**	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
1,2-Dibromo-3-Chloropropane	ND	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
1,2,4-Trichlorobenzene	**5.9**	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
Hexachlorobutadiene	ND	2.3	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
Naphthalene	**89**	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
1,2,3-Trichlorobenzene	ND	5.0	5	EPA 5030C	B3B0308	02/03/2023	02/03/2023 13:24	
Surrogate: 1,2-Dichloroethane-d4	*90.8 %*		*70 - 130*		B3B0308	02/03/2023	*02/03/2023 13:24*	
Surrogate: Toluene-d8	*98.8 %*		*70 - 130*		B3B0308	02/03/2023	*02/03/2023 13:24*	
Surrogate: 4-Bromofluorobenzene	*106 %*		*70 - 130*		B3B0308	02/03/2023	*02/03/2023 13:24*	

QUALITY CONTROL SECTION

Batch B3B0210 - EPA 8260C

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B3B0210-BLK1)					Prepared: 2/2/23 Analyzed: 2/2/23				
Dichlorodifluoromethane	ND	10							
Chloromethane	ND	2.7							
Vinyl Chloride	ND	1.0							
Bromomethane	ND	5.0							
Chloroethane	ND	5.0							
Trichlorofluoromethane	ND	25							
Acetone	ND	50							
Acrylonitrile	ND	0.50							
Trichlorotrifluoroethane	ND	25							
1,1-Dichloroethene	ND	1.0							
Methylene Chloride	**13.6**	5.0							**B**
Carbon Disulfide	ND	1.0							
Methyl-t-Butyl Ether (MTBE)	ND	5.0							
trans-1,2-Dichloroethene	ND	1.0							
1,1-Dichloroethane	ND	1.0							
2-Butanone (MEK)	ND	25							
2,2-Dichloropropane	ND	1.0							
cis-1,2-Dichloroethene	ND	1.0							
Chloroform	ND	1.0							
Tetrahydrofuran	ND	5.0							
1,1,1-Trichloroethane	ND	1.0							
Carbon Tetrachloride	ND	1.0							
1,1-Dichloropropene	ND	1.0							
Benzene	ND	1.0							
1,2-Dichloroethane	ND	1.0							
Trichloroethene	ND	1.0							
1,2-Dichloropropane	ND	1.0							
Dibromomethane	ND	1.0							
Bromodichloromethane	ND	0.50							
Methyl Isobutyl Ketone	ND	25							
cis-1,3-Dichloropropene	ND	0.50							
Toluene	ND	1.0							
trans-1,3-Dichloropropene	ND	0.50							
2-Hexanone	ND	25							
1,1,2-Trichloroethane	ND	1.0							
Tetrachloroethene	ND	1.0							
1,3-Dichloropropane	ND	0.50							
Dibromochloromethane	ND	0.50							
1,2-Dibromoethane	ND	0.50							
trans-1,4-Dichloro-2-Butene	ND	10							
Chlorobenzene	ND	1.0							
1,1,1,2-Tetrachloroethane	ND	1.0							
Ethylbenzene	ND	1.0							
m+p Xylenes	ND	1.0							
o-Xylene	ND	1.0							
Styrene	ND	1.0							
Bromoform	ND	1.0							
Isopropylbenzene	ND	1.0							
1,1,2,2-Tetrachloroethane	ND	0.50							

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B3B0210-BLK1) - Continued					Prepared: 2/2/23 Analyzed: 2/2/23				
Bromobenzene	ND	1.0							
1,2,3-Trichloropropane	ND	1.0							
n-Propylbenzene	ND	1.0							
2-Chlorotoluene	ND	1.0							
4-Chlorotoluene	ND	1.0							
1,3,5-Trimethylbenzene	ND	1.0							
tert-Butylbenzene	ND	1.0							
1,2,4-Trimethylbenzene	ND	1.0							
sec-Butylbenzene	ND	1.0							
1,3-Dichlorobenzene	ND	1.0							
4-Isopropyltoluene	ND	1.0							
1,4-Dichlorobenzene	ND	1.0							
1,2-Dichlorobenzene	ND	1.0							
n-Butylbenzene	ND	1.0							
1,2-Dibromo-3-Chloropropane	ND	1.0							
1,2,4-Trichlorobenzene	ND	1.0							
Hexachlorobutadiene	ND	0.45							
Naphthalene	ND	1.0							
1,2,3-Trichlorobenzene	ND	1.0							
Surrogate: 1,2-Dichloroethane-d4					*98.5*	*70 - 130*			
Surrogate: Toluene-d8					*97.8*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*105*	*70 - 130*			
LCS (B3B0210-BS1)					Prepared: 2/2/23 Analyzed: 2/2/23				
Dichlorodifluoromethane	68.5	10	50.000		**137**	70 - 130			**H**
Chloromethane	59.3	2.7	50.000		119	70 - 130			
Vinyl Chloride	58.8	1.0	50.000		118	70 - 130			
Bromomethane	60.0	5.0	50.000		120	70 - 130			
Chloroethane	54.3	5.0	50.000		109	70 - 130			
Trichlorofluoromethane	51.3	25	50.000		103	70 - 130			
Acetone	126	50	100.000		126	70 - 130			
Acrylonitrile	60.3	0.50	50.000		121	70 - 130			
Trichlorotrifluoroethane	60.4	25	50.000		121	70 - 130			
1,1-Dichloroethene	56.9	1.0	50.000		114	70 - 130			
Methylene Chloride	44.9	5.0	50.000		89.8	70 - 130			
Carbon Disulfide	59.9	1.0	50.000		120	70 - 130			
Methyl-t-Butyl Ether (MTBE)	51.3	5.0	50.000		103	70 - 130			
trans-1,2-Dichloroethene	52.7	1.0	50.000		105	70 - 130			
1,1-Dichloroethane	51.0	1.0	50.000		102	70 - 130			
2-Butanone (MEK)	105	25	100.000		105	70 - 130			
2,2-Dichloropropane	55.3	1.0	50.000		111	70 - 130			
cis-1,2-Dichloroethene	50.0	1.0	50.000		99.9	70 - 130			
Chloroform	50.9	1.0	50.000		102	70 - 130			
Tetrahydrofuran	58.8	5.0	50.000		118	70 - 130			
1,1,1-Trichloroethane	54.7	1.0	50.000		109	70 - 130			
Carbon Tetrachloride	62.9	1.0	50.000		126	70 - 130			
1,1-Dichloropropene	53.1	1.0	50.000		106	70 - 130			
Benzene	53.0	1.0	50.000		106	70 - 130			
1,2-Dichloroethane	51.3	1.0	50.000		103	70 - 130			
Trichloroethene	52.9	1.0	50.000		106	70 - 130			
1,2-Dichloropropane	48.7	1.0	50.000		97.5	70 - 130			
Dibromomethane	58.6	1.0	50.000		117	70 - 130			
Bromodichloromethane	54.6	0.50	50.000		109	70 - 130			

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B3B0210-BS1) - Continued					Prepared: 2/2/23 Analyzed: 2/2/23				
Methyl Isobutyl Ketone	105	25	100.000		105	70 - 130			
cis-1,3-Dichloropropene	54.5	0.50	50.000		109	70 - 130			
Toluene	53.5	1.0	50.000		107	70 - 130			
trans-1,3-Dichloropropene	55.3	0.50	50.000		111	70 - 130			
2-Hexanone	111	25	100.000		111	70 - 130			
1,1,2-Trichloroethane	53.8	1.0	50.000		108	70 - 130			
Tetrachloroethene	57.5	1.0	50.000		115	70 - 130			
1,3-Dichloropropane	52.8	0.50	50.000		106	70 - 130			
Dibromochloromethane	56.8	0.50	50.000		114	70 - 130			
1,2-Dibromoethane	54.7	0.50	50.000		109	70 - 130			
trans-1,4-Dichloro-2-Butene	50.5	10	50.000		101	70 - 130			
Chlorobenzene	46.2	1.0	50.000		92.4	70 - 130			
1,1,1,2-Tetrachloroethane	53.6	1.0	50.000		107	70 - 130			
Ethylbenzene	54.0	1.0	50.000		108	70 - 130			
m+p Xylenes	106	1.0	100.000		106	70 - 130			
o-Xylene	52.3	1.0	50.000		105	70 - 130			
Styrene	54.4	1.0	50.000		109	70 - 130			
Bromoform	60.6	1.0	50.000		121	70 - 130			
Isopropylbenzene	52.8	1.0	50.000		106	70 - 130			
1,1,2,2-Tetrachloroethane	51.7	0.50	50.000		103	70 - 130			
Bromobenzene	47.7	1.0	50.000		95.4	70 - 130			
1,2,3-Trichloropropane	49.2	1.0	50.000		98.4	70 - 130			
n-Propylbenzene	49.3	1.0	50.000		98.5	70 - 130			
2-Chlorotoluene	49.4	1.0	50.000		98.8	70 - 130			
4-Chlorotoluene	48.7	1.0	50.000		97.5	70 - 130			
1,3,5-Trimethylbenzene	50.2	1.0	50.000		100	70 - 130			
tert-Butylbenzene	51.0	1.0	50.000		102	70 - 130			
1,2,4-Trimethylbenzene	51.0	1.0	50.000		102	70 - 130			
sec-Butylbenzene	49.7	1.0	50.000		99.3	70 - 130			
1,3-Dichlorobenzene	50.4	1.0	50.000		101	70 - 130			
4-Isopropyltoluene	51.0	1.0	50.000		102	70 - 130			
1,4-Dichlorobenzene	50.2	1.0	50.000		100	70 - 130			
1,2-Dichlorobenzene	51.1	1.0	50.000		102	70 - 130			
n-Butylbenzene	49.5	1.0	50.000		99.0	70 - 130			
1,2-Dibromo-3-Chloropropane	52.6	1.0	50.000		105	70 - 130			
1,2,4-Trichlorobenzene	51.1	1.0	50.000		102	70 - 130			
Hexachlorobutadiene	48.8	0.45	50.000		97.6	70 - 130			
Naphthalene	46.1	1.0	50.000		92.3	70 - 130			
1,2,3-Trichlorobenzene	48.2	1.0	50.000		96.5	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*94.3*	*70 - 130*			
Surrogate: Toluene-d8					*97.2*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*108*	*70 - 130*			

Batch B3B0308 - EPA 8260C

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B3B0308-BLK1)					Prepared: 2/3/23 Analyzed: 2/3/23				
Dichlorodifluoromethane	ND	10							
Chloromethane	ND	2.7							
Vinyl Chloride	ND	1.0							
Bromomethane	ND	5.0							
Chloroethane	ND	5.0							
Trichlorofluoromethane	ND	25							
Acetone	ND	50							
Acrylonitrile	ND	0.50							
Trichlorotrifluoroethane	ND	25							
1,1-Dichloroethene	ND	1.0							
Methylene Chloride	ND	5.0							
Carbon Disulfide	ND	1.0							
Methyl-t-Butyl Ether (MTBE)	ND	5.0							
trans-1,2-Dichloroethene	ND	1.0							
1,1-Dichloroethane	ND	1.0							
2-Butanone (MEK)	ND	25							
2,2-Dichloropropane	ND	1.0							
cis-1,2-Dichloroethene	ND	1.0							
Chloroform	ND	1.0							
Tetrahydrofuran	ND	5.0							
1,1,1-Trichloroethane	ND	1.0							
Carbon Tetrachloride	ND	1.0							
1,1-Dichloropropene	ND	1.0							
Benzene	ND	1.0							
1,2-Dichloroethane	ND	1.0							
Trichloroethene	ND	1.0							
1,2-Dichloropropane	ND	1.0							
Dibromomethane	ND	1.0							
Bromodichloromethane	ND	0.50							
Methyl Isobutyl Ketone	ND	25							
cis-1,3-Dichloropropene	ND	0.50							
Toluene	ND	1.0							
trans-1,3-Dichloropropene	ND	0.50							
2-Hexanone	ND	25							
1,1,2-Trichloroethane	ND	1.0							
Tetrachloroethene	ND	1.0							
1,3-Dichloropropane	ND	0.50							
Dibromochloromethane	ND	0.50							
1,2-Dibromoethane	ND	0.50							
trans-1,4-Dichloro-2-Butene	ND	10							
Chlorobenzene	ND	1.0							
1,1,1,2-Tetrachloroethane	ND	1.0							
Ethylbenzene	ND	1.0							
m+p Xylenes	ND	1.0							
o-Xylene	ND	1.0							
Styrene	ND	1.0							
Bromoform	ND	1.0							
Isopropylbenzene	ND	1.0							
1,1,2,2-Tetrachloroethane	ND	0.50							
Bromobenzene	ND	1.0							
1,2,3-Trichloropropane	ND	1.0							
n-Propylbenzene	ND	1.0							

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B3B0308-BLK1) - Continued					Prepared: 2/3/23 Analyzed: 2/3/23				
2-Chlorotoluene	ND	1.0							
4-Chlorotoluene	ND	1.0							
1,3,5-Trimethylbenzene	ND	1.0							
tert-Butylbenzene	ND	1.0							
1,2,4-Trimethylbenzene	ND	1.0							
sec-Butylbenzene	ND	1.0							
1,3-Dichlorobenzene	ND	1.0							
4-Isopropyltoluene	ND	1.0							
1,4-Dichlorobenzene	ND	1.0							
1,2-Dichlorobenzene	ND	1.0							
n-Butylbenzene	ND	1.0							
1,2-Dibromo-3-Chloropropane	ND	1.0							
1,2,4-Trichlorobenzene	ND	1.0							
Hexachlorobutadiene	ND	0.45							
Naphthalene	ND	1.0							
1,2,3-Trichlorobenzene	ND	1.0							
Surrogate: 1,2-Dichloroethane-d4					*94.1*	*70 - 130*			
Surrogate: Toluene-d8					*97.1*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*107*	*70 - 130*			
LCS (B3B0308-BS1)					Prepared: 2/3/23 Analyzed: 2/3/23				
Dichlorodifluoromethane	52.6	10	50.000		105	70 - 130			
Chloromethane	48.1	2.7	50.000		96.2	70 - 130			
Vinyl Chloride	50.4	1.0	50.000		101	70 - 130			
Bromomethane	52.9	5.0	50.000		106	70 - 130			
Chloroethane	48.1	5.0	50.000		96.1	70 - 130			
Trichlorofluoromethane	46.4	25	50.000		92.7	70 - 130			
Acetone	89.9	50	100.000		89.9	70 - 130			
Acrylonitrile	47.4	0.50	50.000		94.8	70 - 130			
Trichlorotrifluoroethane	44.6	25	50.000		89.2	70 - 130			
1,1-Dichloroethene	42.8	1.0	50.000		85.6	70 - 130			
Methylene Chloride	35.3	5.0	50.000		70.6	70 - 130			
Carbon Disulfide	39.0	1.0	50.000		77.9	70 - 130			
Methyl-t-Butyl Ether (MTBE)	41.3	5.0	50.000		82.5	70 - 130			
trans-1,2-Dichloroethene	40.4	1.0	50.000		80.7	70 - 130			
1,1-Dichloroethane	39.9	1.0	50.000		79.8	70 - 130			
2-Butanone (MEK)	78.1	25	100.000		78.1	70 - 130			
2,2-Dichloropropane	43.6	1.0	50.000		87.2	70 - 130			
cis-1,2-Dichloroethene	39.5	1.0	50.000		79.0	70 - 130			
Chloroform	41.8	1.0	50.000		83.6	70 - 130			
Tetrahydrofuran	47.3	5.0	50.000		94.6	70 - 130			
1,1,1-Trichloroethane	45.5	1.0	50.000		90.9	70 - 130			
Carbon Tetrachloride	45.6	1.0	50.000		91.1	70 - 130			
1,1-Dichloropropene	42.7	1.0	50.000		85.3	70 - 130			
Benzene	42.5	1.0	50.000		85.0	70 - 130			
1,2-Dichloroethane	43.3	1.0	50.000		86.5	70 - 130			
Trichloroethene	43.5	1.0	50.000		87.0	70 - 130			
1,2-Dichloropropane	40.5	1.0	50.000		81.0	70 - 130			
Dibromomethane	50.2	1.0	50.000		100	70 - 130			
Bromodichloromethane	45.3	0.50	50.000		90.6	70 - 130			
Methyl Isobutyl Ketone	89.3	25	100.000		89.3	70 - 130			
cis-1,3-Dichloropropene	45.0	0.50	50.000		90.1	70 - 130			
Toluene	43.7	1.0	50.000		87.4	70 - 130			

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B3B0308-BS1) - Continued					Prepared: 2/3/23 Analyzed: 2/3/23				
trans-1,3-Dichloropropene	47.7	0.50	50.000		95.4	70 - 130			
2-Hexanone	92.4	25	100.000		92.4	70 - 130			
1,1,2-Trichloroethane	45.0	1.0	50.000		90.0	70 - 130			
Tetrachloroethene	47.4	1.0	50.000		94.8	70 - 130			
1,3-Dichloropropane	44.0	0.50	50.000		88.0	70 - 130			
Dibromochloromethane	49.1	0.50	50.000		98.1	70 - 130			
1,2-Dibromoethane	46.6	0.50	50.000		93.2	70 - 130			
trans-1,4-Dichloro-2-Butene	42.3	10	50.000		84.5	70 - 130			
Chlorobenzene	38.4	1.0	50.000		76.8	70 - 130			
1,1,1,2-Tetrachloroethane	43.1	1.0	50.000		86.2	70 - 130			
Ethylbenzene	43.1	1.0	50.000		86.2	70 - 130			
m+p Xylenes	87.2	1.0	100.000		87.2	70 - 130			
o-Xylene	44.5	1.0	50.000		88.9	70 - 130			
Styrene	45.7	1.0	50.000		91.4	70 - 130			
Bromoform	52.4	1.0	50.000		105	70 - 130			
Isopropylbenzene	44.1	1.0	50.000		88.1	70 - 130			
1,1,2,2-Tetrachloroethane	43.4	0.50	50.000		86.8	70 - 130			
Bromobenzene	41.2	1.0	50.000		82.4	70 - 130			
1,2,3-Trichloropropane	43.9	1.0	50.000		87.8	70 - 130			
n-Propylbenzene	41.7	1.0	50.000		83.4	70 - 130			
2-Chlorotoluene	41.7	1.0	50.000		83.3	70 - 130			
4-Chlorotoluene	42.2	1.0	50.000		84.4	70 - 130			
1,3,5-Trimethylbenzene	43.5	1.0	50.000		86.9	70 - 130			
tert-Butylbenzene	44.2	1.0	50.000		88.4	70 - 130			
1,2,4-Trimethylbenzene	43.9	1.0	50.000		87.8	70 - 130			
sec-Butylbenzene	42.5	1.0	50.000		84.9	70 - 130			
1,3-Dichlorobenzene	43.8	1.0	50.000		87.5	70 - 130			
4-Isopropyltoluene	43.5	1.0	50.000		86.9	70 - 130			
1,4-Dichlorobenzene	43.2	1.0	50.000		86.4	70 - 130			
1,2-Dichlorobenzene	44.7	1.0	50.000		89.5	70 - 130			
n-Butylbenzene	42.1	1.0	50.000		84.2	70 - 130			
1,2-Dibromo-3-Chloropropane	45.1	1.0	50.000		90.2	70 - 130			
1,2,4-Trichlorobenzene	44.4	1.0	50.000		88.7	70 - 130			
Hexachlorobutadiene	42.6	0.45	50.000		85.2	70 - 130			
Naphthalene	40.1	1.0	50.000		80.1	70 - 130			
1,2,3-Trichlorobenzene	42.6	1.0	50.000		85.2	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*91.5*	*70 - 130*			
Surrogate: Toluene-d8					*97.2*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*109*	*70 - 130*			

CASE NARRATIVE

SPLP Volatile Organic samples were not provided in an En-Core Sampler.

CET # : 3010721
Project: 105338
Project Number: 105338

All questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

This technical report was reviewed by Timothy Fusco

Project Manager

This report shall not be reproduced except in full, without the written approval of the laboratory

Report Comments:

Sample Result Flags:
E- The result is estimated, above the calibration range.
H- The surrogate recovery is above the control limits.
L- The surrogate recovery is below the control limits.
B- The compound was detected in the laboratory blank.
P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
+- The Surrogate was diluted out.
*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
*I- Analyte exceeds method limits from second source standard in Initial Calibration Verification (ICV). No directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

For Percent Solids, if any of the following prep methods (3050B, 3540C, 3545A, 3550C, 5035 and 9013A) were used for samples pertaining to this report, the percent solids procedure is within that prep method.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at or above the specified reporting limit
Reporting Limit (RL) is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

Tel: (203) 377-9984
Fax: (203) 377-9952
email: cet1@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected at or above the specified reporting limit.
RL	RL is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Result	Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte found in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.

NELAP ACCREDITED TNI LABORATORY

Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903
Pennsylvania NELAP Accreditation 68-02927

New York NELAP Accreditation 11982
Rhode Island Certification 199

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** Triton Environmental

Project Location: 105338 ***Project Number:*** 105338

Laboratory Sample ID(s): ***Sample Date(s):***

3010721-01 thru 3010721-04 01/20/2023

List RCP Methods Used: ***CET #:*** 3010721

EPA 1312, EPA 8260C

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5a	a) Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5b	b) Were these reporting limits met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all consituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No
7	Are project specific matrix spikes and laboratory duplicates included with this data set?	☐ Yes ☑ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature:  **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 02/03/2023

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

RCP Case Narrative

4- See Exceptions Report Below

7- Project specific QC was not requested by the client.

4- Exceptions Report

Analyte	QC Type	Exception	Result	RPD	Recovery (%)	Batch/Sequence Sample ID
Dichlorodifluoromethane	LCS	High	68.5		137	B3B0210
Acetone	CC	High	126		126	S3B0302
Acrylonitrile	CC	High	60.3		121	S3B0302
Bromoform	CC	High	60.6		121	S3B0302
Carbon Tetrachloride	CC	High	62.9		126	S3B0302
Dichlorodifluoromethane	CC	High	68.5		137	S3B0302
Trichlorotrifluoroethane	CC	High	60.4		121	S3B0302
Chloromethane	ICV	Analyte exceeds method limit of second source standard. Non-directional bias				
Tetrahydrofuran	ICV	Analyte exceeds method limit of second source standard. Non-directional bias				
1,1,1,2-Tetrachloroethane	CC	Low	31.9		63.8	S3B0309
Chlorobenzene	CC	Low	39.9		79.7	S3B0309
Dichlorodifluoromethane	CC	High	62.6		125	S3B0309
Methylene Chloride	CC	Low	35.7		71.3	S3B0309
Tetrahydrofuran	CC	High	61.3		123	S3B0309
Chloromethane	ICV	Analyte exceeds method limit of second source standard. Non-directional bias				
Tetrahydrofuran	ICV	Analyte exceeds method limit of second source standard. Non-directional bias				

QC Batch/Sequence Report

Batch	Sequence	CET ID	Sample ID	Specific Method	Matrix	Collection Date
B3B0112		3010721-01	S-5A 2-5ft	EPA 1312	Soil	01/20/2023
B3B0112		3010721-02	S-6A 3-5ft	EPA 1312	Soil	01/20/2023
B3B0112		3010721-03	S-7A 1-3ft	EPA 1312	Soil	01/20/2023
B3B0112		3010721-04	S-8A 2-5ft	EPA 1312	Soil	01/20/2023
B3B0210	S3B0302	3010721-01	S-5A 2-5ft	EPA 8260C	Soil	01/20/2023
B3B0210	S3B0302	3010721-02	S-6A 3-5ft	EPA 8260C	Soil	01/20/2023
B3B0210	S3B0302	3010721-04	S-8A 2-5ft	EPA 8260C	Soil	01/20/2023
B3B0308	S3B0309	3010721-01RE1	S-5A 2-5ft	EPA 8260C	Soil	01/20/2023
B3B0308	S3B0309	3010721-02RE1	S-6A 3-5ft	EPA 8260C	Soil	01/20/2023
B3B0308	S3B0309	3010721-03	S-7A 1-3ft	EPA 8260C	Soil	01/20/2023
B3B0308	S3B0309	3010721-04RE1	S-8A 2-5ft	EPA 8260C	Soil	01/20/2023

Certified Analyses included in this Report

Analyte	Certifications
EPA 8260C in Water	
Dichlorodifluoromethane	CT,NY
Chloromethane	CT,NY
Vinyl Chloride	CT,NY
Bromomethane	CT,NY
Chloroethane	CT,NY
Trichlorofluoromethane	CT,NY
Acetone	CT,NY
Acrylonitrile	CT
Trichlorotrifluoroethane	CT,NY
1,1-Dichloroethene	CT,NY
Methylene Chloride	CT,NY
Carbon Disulfide	CT,NY
Methyl-t-Butyl Ether (MTBE)	CT,NY
trans-1,2-Dichloroethene	CT,NY
1,1-Dichloroethane	CT,NY
2-Butanone (MEK)	CT,NY
2,2-Dichloropropane	CT,NY
cis-1,2-Dichloroethene	CT,NY
Chloroform	CT,NY
Tetrahydrofuran	CT
1,1,1-Trichloroethane	CT,NY
Carbon Tetrachloride	CT,NY
1,1-Dichloropropene	CT,NY
Benzene	CT,NY
1,2-Dichloroethane	CT,NY
Trichloroethene	CT,NY
1,2-Dichloropropane	CT,NY
Dibromomethane	CT,NY
Bromodichloromethane	CT,NY
Methyl Isobutyl Ketone	CT,NY
cis-1,3-Dichloropropene	CT,NY
Toluene	CT,NY
trans-1,3-Dichloropropene	CT,NY
2-Hexanone	CT,NY
1,1,2-Trichloroethane	CT,NY
Tetrachloroethene	CT,NY
1,3-Dichloropropane	CT,NY
Dibromochloromethane	CT,NY
1,2-Dibromoethane	CT,NY
trans-1,4-Dichloro-2-Butene	CT,NY
Chlorobenzene	CT,NY
1,1,1,2-Tetrachloroethane	CT,NY
Ethylbenzene	CT,NY
m+p Xylenes	CT,NY
o-Xylene	CT,NY
Styrene	CT,NY
Bromoform	CT,NY
Isopropylbenzene	CT,NY
1,1,2,2-Tetrachloroethane	CT,NY

Certified Analyses included in this Report

Analyte	Certifications
EPA 8260C in Water	
Bromobenzene	CT,NY
1,2,3-Trichloropropane	CT,NY
n-Propylbenzene	CT,NY
2-Chlorotoluene	CT,NY
4-Chlorotoluene	CT,NY
1,3,5-Trimethylbenzene	CT,NY
tert-Butylbenzene	CT,NY
1,2,4-Trimethylbenzene	CT,NY
sec-Butylbenzene	CT,NY
1,3-Dichlorobenzene	CT,NY
4-Isopropyltoluene	CT,NY
1,4-Dichlorobenzene	CT,NY
1,2-Dichlorobenzene	CT,NY
n-Butylbenzene	CT,NY
1,2-Dibromo-3-Chloropropane	CT,NY
1,2,4-Trichlorobenzene	CT,NY
Hexachlorobutadiene	CT,NY
Naphthalene	CT,NY
1,2,3-Trichlorobenzene	CT,NY

Complete Environmental Testing operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Public Health	PH0116	09/30/2024
NY	New York Certification (NELAC)	11982	04/01/2023

Jacqueline M. Bakos

From: Zachary Hawk <zhawk@tritonenvironmental.com>
Sent: Monday, January 30, 2023 1:45 PM
To: CET Services
Subject: CET 3010505 - additional analysis
Attachments: Scan162645.pdf

Hey CET,

For report #3010505 we were hoping to run additional SPLP VOC for samples S-5A, S-6A, S-7A and S-8A from the additional soil that was provided. Attached is an updated COC. Please let me know if there are any issues.

Ref No. Project Number.105338

TRITON ENVIRONMENTAL

Zachary W. Hawk, Triton Environmental, Inc.
385 Church Street, Suite 201, Guilford, CT 06437
203.458.7200 | www.tritonenvironmental.com

3010721

CET COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one)

Sample ID/Sample Depths (include Units for any sample depths provided)	Collection Date/Time	Matrix	Same Day *	Next Day *	Two Day *	Three Day *	Std (5-7 Days)	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAs	PCBs ☐ SOX ☐ ASE	Pesticides	Metals: 8 RCRA	13 Priority Poll	15 CT DEP	Total	SPLP	TCLP	Dissolved	Field Filtered	Lab to Filter	Additional Analysis: SPLP VOC	TOTAL # OF CONT.	NOTE #
S-2A 8-10'	1/10/23 10:00	S					X				X															1	
S-5A 7-5'	11:15	↓					X	X																	X	4	
S-6A 3-5'	12:10	↓					X	X																	X	4	
S-7A 1-3'	12:00	↓					X	X																	X	4	
S-8A 2-5'	11:45	↓					X	X			X														X	4	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other) — 17

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B=Sodium Bisulfate W=Water F=Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[signature]	1/23/23 9:00	[signature]
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: Save Extra soil for SPLP if Needed
→ SPLP VOC 1/30/23 ZWH

Client / Reporting Information

Company Name: Tighe Environmental
Address: 385 Church St Suite 201
City: Guilford State: CT Zip: 06437
Report To: Zac Hillhouse E-mail: on file
Phone #: 203-458-7200 Fax #:

Project Information

Project: 105338 PO #: 105338
Location: Portland Project #: 105338
CET Quote #: Collector(s): ZWH
QA/QC ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg * ☒ DQAW *
Data Report ☒ PDF ☒ EDD - Specify Format Excel Other
RSR Reporting Limits (check one) ☒ GA ☐ GB ☒ SWP ☐ Other
Laboratory Certification Needed (check one) ☒ CT ☐ NY ☐ RI ☐ MA ☐ PA
Temp Upon Receipt 2.4 °C Evidence of Cooling: Y N PAGE 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

REV. 12/18

Appendix D

Waste Disposal Documentation

Plainville Landfill Closure
Granger Lane, Plainville, CT
Attachment E - Load Information Form

Company Name	Truck Number	Date	Time	Weight (Scale Location)
Cisco LLC	V33	7/6/2023	08:22	21.00 tons (Tilcon)
Cisco LLC	V33	7/6/2023	10:07	21.99 tons (Tilcon)
Cisco LLC	V15	7/6/2023	10:19	27.63 tons (F&F)
Cisco LLC	V33	7/6/2023	11:25	22.22 tons (Tilcon)
Cisco LLC	V15	7/6/2023	12:15	21.43 tons (F&F)
Cisco LLC	V33	7/6/2023	12:47	22.29 tons (Tilcon)
Cisco LLC	V15	7/6/2023	14:05	23.55 tons (F&F)
Cisco LLC	V33	7/6/2023	14:11	21.82 tons (Tilcon)
			Total disposal (8 loads):	181.93 tons

Plainville Landfill Closure
Granger Lane, Plainville, CT
Attachment E - Load Information Form

Company Name	Truck Number	Date	Time	Weight (Scale Location)
Cisco LLC	V14	7/7/2023	08:20	24.84 tons (F&F)
Cisco LLC	V33	7/7/2023	08:37	23.29 tons (Tilcon)
Cisco LLC	V15	7/7/2023	08:39	21.87 tons (Tilcon)
			Total disposal (3 loads):	70.00 tons
		Total project disposal (11 loads):		251.93 tons