Electronic Transmittal Form for DEEP Remediation, LUST, and PCB Secure File Transfer (SFT)

DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION
REMEDIATION DIVISION, PCB PROGRAM, AND
LEAKING UNDERGROUND STORAGE TANK COORDINATION PROGRAM
www.ct.gov/deep

This Electronic Transmittal Form must be completed and included as the cover sheet of your electronic document when uploading a document to the Connecticut SFT website. Requirements for Transmittals through the SFT website:

- Documents submitted through the SFT website must include all applicable figures, tables and laboratory data.
- Files must be formatted as PDF/A and use the appropriate naming convention:
  - For Remediation Filings: **REM_REMID #_SiteAddress_Town_DocumentType_DateofDocument**
  - For LUST Filings: **LUST_SiteAddress_Town_AbbreviationForDocumentType_DateofDocument**
  - For PCB Filings: **PCB_SiteAddress_Town_AbbreviationForDocumentType_DateofDocument**
  Example: LUST_1MainStreet_Hartford_ESA_01-01-2001
  Note: For "AbbreviationForDocumentType" use appropriate abbreviation at Transmittal of Documents
- If no Rem ID assigned (new filing) or REM ID is unknown leave field blank

Part I: Primary Recipient*: Remediation Program (* required)

For Remediation documents:	For PCB/LUST documents:
Primary Program*: Significant Environmental Hazard	UST Facility ID: (if applicable)
Rem ID*:	Spill Case Number: (if known)

Part II: Site Information

Site Name*: Old Lyme Regional School District 18

Site Address*: 49 Lyme Street

City/Town*: Old Lyme State: CT Zip Code: 06371

Secondary Programs (complete as many as applicable for this document):

Program: Select Secondary Program	Project ID:
Program: Select Secondary Program	Project ID:
Program: Select Secondary Program	Project ID:
Program: Select Secondary Program	Project ID:

Provide Project ID for each secondary program if it is known.
Each program has a unique ID (i.e. Rem ID, Spill Case #, UST Facility ID, etc.)

Part III: Document Information (document type required for appropriate program[s] only)

Remediation*: SEH Notification

LUST/PCB*: LUST/PCB Document Type

Date of Document*: Select Date Version: Select version

Part IV: Submitter Information

Name*: Sally Kropp

E-mail*: sally@kroppenvironmental.com

Name of company/business this document is being submitted on behalf of: *

Old Lyme Regional School District 18

Connecticut Department of Energy & Environmental Protection
Bureau of Water Protection & Land Reuse
Remediation Division

Significant Environmental Hazard Notification

Notification under CGS 22a-6u

Please print or type to complete this form in accordance with the instructions (DEEP-REM-SEH-INS-500).

If fully completed in accord with the instructions, the information in Parts III and V of this form, with supplemental information as indicated, may meet the statutory requirement to submit a plan or report along with the notification.

Send completed form to:

SIGNIFICANT ENVIRONMENTAL HAZARD PROGRAM
REMEDIATION DIVISION
BUREAU OF WATER PROTECTION AND LAND REUSE
DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION
79 ELM STREET
HARTFORD, CT 06106-5127

DEEP USE ONLY		
RemGIS	RemID	SEH#

*Part I - Hazard and Site Identification:

[Connecticut General Statutes (CGS) Section 22a-6u]

Pollution in or threatening a drinking water well:		☐	Surface soil contamination poses potential direct exposure risk [6u(d)]
☐	Contamination is detected in supply well and is above groundwater protection criteria [6u(b)]	☐	Volatile Organic Chemicals in groundwater threaten interior air quality [6u(e)]
☐	Contamination is detected in supply well but is below groundwater protection criteria [6u(c)]	☐	Surface water quality threatened by groundwater contamination [6u(f)]
☒	Supply well is threatened by a groundwater contamination plume above groundwater protection criteria [6u(g)]	☐	Migrating vapors pose an explosion hazard for structures or utility conduits [6u(h)]

*1. Site identification for parcel with pollution on or emanating from the parcel, causing a significant environmental hazard:

Name of Site	Old Lyme Regional School District 18				
Address or Location	49 Lyme Street				
City/Town	Old Lyme	State	CT	Zip Code	06371

2. Attach a copy of a topographic map with the site located thereon. MAP ATTACHED ☒

3. Date Hazard condition(s) discovered: 12/08/2022

4. If due to a recent spill, was spill notification made? YES ☐ NO ☐ / NOT A SPILL ☒

Date		DEEP contact	
Remarks			

5. If due to a UST system release, was DEEP notified? YES ☒ NO ☐ / NOT A UST RELEASE ☐

Date	08/01/2022	DEEP contact	Kenneth LeClerc
Remarks	#2 fuel oil, 50g. furnace fuel line failure in the ground-level boiler room. Floor drain impact.		

6. For certain conditions only (see instructions):

Was oral notification to DEEP made [CGS 22a-6u(b), (h), & (f)(2)(A)]? N/A ☒ YES ☐ NO ☐ (Drinking water supply well above criteria, explosion hazard, free product breaking out to surface water)			
Date		DEEP contact	
Remarks:			
Was verification to TEP client made [CGS 22a-2u(b) & (h)]? N/A ☒ YES ☐ NO ☐ (Drinking water supply well above criteria, explosion hazard)			
Date		Contact	
Remarks:			

Part II – Party Identification and Contact Information

*1. Business/person submitting form: *Is this entity/person the site's owner?* YES ☐ NO ☒

Name	Kropp Environmental Contractors, Inc.				
Mailing Address	P.O. Box 258				
City/Town	Lebanon	State	CT	Zip Code	06249
Business Phone	860-642-9952	Ext.		Fax	860-642-9953
Authorized Rep.	Sally Kropp	Title	President		
Contact Person	Sally Kropp	Title	President		
Contact e-mail^	sally@kroppenvironmental.com				

2. Owner if not listed above:

Name	Old Lyme Regional School District 18				
Mailing Address	53 Lyme Street				
City/Town	Old Lyme	State	CT	Zip Code	06371
Business Phone	860-434-8182	Ext.		Fax	
Contact Person	Brian Howe	Title	Assistant Facility Director		
Contact e-mail^					

3. Additional Party for site (see instructions) NOT APPLICABLE ☒

Name/Firm					
Mailing Address					
City/Town		State		Zip Code	
Business Phone		Ext.		Fax	
Contact Person		Title			
Contact e-mail^					

4. Technical Environmental Professional (TEP) who identified hazard: CHECK IF NONE ☐

Firm	Kropp Environmental Contractors, Inc.				
Mailing Address	P.O. Box 258				
City/Town	Lebanon	State	CT	Zip Code	06249
Business Phone	860-642-9952	Ext.		Fax	860-642-9953
Contact Person	Sally Kropp	Title	President		
Contact e-mail^	sally@kroppenvironmental.com				

5. Environmental consultant for mitigation or abatement, if not above TEP:

Firm					
Mailing Address					
City/Town		State		Zip Code	
Business Phone		Ext.		Fax	
Contact Person		Title			
Contact e-mail^					

6. Supplemental Information. *If the person submitting this form is not the site owner, describe that person's relationship to the site and its owner. If an entity who is not the site owner will be acting on behalf of the owner to mitigate or abate the hazard condition provide details of this agreement and identify which party will be acting.*

Kropp Environmental Contractors, Inc. is the remediation contractor and Environmental Consultant for Old Lyme Regional School District 18.

Part III - Hazard Information

*The law [CGS 22a-6u(j)] requires the significant environmental hazard notification include a description of the nature of the contamination or condition, the location of such contamination or condition, and any steps being taken to abate, remediate or monitor such contamination or condition.

1. How was the pollutant released?

☐ unknown	☐ landfill/wastepile	☐ septic system	☒ Tank leak: UST ☒ AST ☐
☐ spill/dumping	☐ burial	☐ dry well	☐ drums
☐ agricultural activity	☐ pit	☐ lagoon	☐ discharge

2. *What is the general nature of the contamination?

☒ petroleum/oils	☒ non-aqueous phase liquid (free product)		☐ metals	☐ sodium/salt
☐ gasoline	☐ volatile organic	☐ semivolatile organic	☐ cyanide	☐ leachate
☐ fuel oil/diesel	☐ nonchlorinated	☐ polyaromatic	☐ acid/base	☐ asbestos
☐ nitrate/fertilizer	☐ chlorinated	☐ pesticide/herbicide	☐ PCB	☐ radiation

3. **Threats to Supply Wells**

If neither impact [CGS 22a-6u(b) nor (c)] or threat [CGS 22a-6u(g)] to a drinking water supply well is identified, skip to question 4. CHECK IF NONE ☐

a. **SUPPLY WELL DATA:**

For threats to supply wells, provide detail on the following, if applicable:

- contamination above groundwater protection criteria in a supply well [CGS 22a-6u(b)]:
  - *supply well test results that identify the hazard (submit within 7 days of discovery.)
  - wells polluted with non-aqueous phase liquid (free product)
- contamination in a supply well below groundwater protection criteria [CGS 22a-6u(c)]:
  - *supply well test results that identify the hazard
  - required 30-day retest results
- groundwater contamination in a monitoring well above groundwater protection criteria [CGS 22a-6u(g)]:
  - supply well test results for abutters tested in initial 30-day response

Identify affected *and/or* sampled ***drinking water supply wells***. CHECK IF NONE ☒

Address/Town	Contact Name/Phone	Supply Well Analyses (if any) [List Pollutant, Concentration, and Units]	Sample Reason: Discovery	Resample	Abutter test
			☐	☐	☐
			☐	☐	☐
			☐	☐	☐
			☐	☐	☐
			☐	☐	☐
			☐	☐	☐

Attach additional sheets as needed.

b. **MONITORING WELL DATA:**
*For a groundwater plume that poses a threat to drinking water wells [CGS 22a-6u(g)], list *monitoring well* analytical data for substances with concentrations at or above the Groundwater Protection Criteria of the RSRs. CHECK IF NONE ☐

Monitoring Well ID	Pollutant	Concentration (units)	Notes
MW-7	Benzene	7.6 (ug/L)	
MW-7	ETPH	260 (ug/L)	

Attach additional sheets as needed.

c. For a groundwater plume [CGS 22a-6u(g)], are hydrogeologic data/maps supporting the hazard identification included? YES ☒ NO ☐

d. Include Well Receptor Survey [CGS 22a-6u(g)(3)] (also include for [CGS 22a-6u-(b)] if available at time of notification):

i. Attach a site map/ parcel map indicating the location of the drinking water supply well(s) within 500 feet. MAP ATTACHED ☒

ii. Attach an inventory of drinking water wells within 500 feet. INVENTORY ATTACHED ☒

e. Describe any actions already taken, if any, to inform well users and ensure an alternate supply of safe water to affected receptors. CHECK IF NONE ☒

Attach additional sheets as needed.

f. Attach a report [CGS 22a-6u(c)(3) and (g)(3)] that, based on any additional testing results that includes proposals, as necessary, for any further action to identify and eliminate exposure to contaminants on an ongoing basis. PLAN ATTACHED ☒

4. For **surficial soil direct exposure risk** [CGS 22a-6u(d)]:
If none, skip to question 5. CHECK IF NONE ☒

a. *List analytical data that are the basis for determining that a hazard condition exists. (Please list only the highest concentration for each pollutant above hazard criteria.)

Soil Sample Location ID	Pollutant	Concentration (units)	Notes

Attach additional sheets as needed.

b. Delineation of hazard extent:

i. Attach a site map indicating the specific location and extent [CGS 22a-6u(d)(3)] of the soil contamination that exceeds significant environmental hazard notification thresholds and applicable sampling locations. SITE MAP ATTACHED ☐

ii. Attach a table or show on the map the sampling data used to determine the extent of the soil that exceed the notification criteria [CGS 22a-6u(d)(3)]. TABLE ATTACHED ☐

iii. ☐ Extent not yet fully delineated

c. Distance from release area to nearest property currently used as a residence, school, park, playground, or day care: _____ feet

d. Area that exceeds SEH notification thresholds is:

i. Covered by maintained pavement N/A ☐ YES ☐ NO ☐

ii. Fenced off from general public N/A ☐ YES ☐ NO ☐

iii. ☐ No longer exempt from notification because the above conditions previously present are no longer met [CGS 22a-6u(d)(1)(C)], thus notification is required.

e. Identify notification evaluation criterion used ["DEC" means Direct Exposure Criteria]:

☐ 30x Industrial/Commercial DEC (for industrial commercial use, i.e. non-residential)

☐ 15x Industrial/Commercial DEC (for metals or PCBs at industrial or commercial properties that are within 300 feet of a current residential use)

☐ 15x Residential DEC (for current residential use)

f. Describe interim control actions taken to prevent exposure to the contaminated soil exceeding the SEH notification threshold. CHECK IF NONE ☐

Attach additional sheets as needed.

g. Attach a report [CGS 22a-6u(d)(3)] with recommendations for further action, including a plan, with an implementation schedule, for maintenance and monitoring of interim controls (including pavement or fences) and submittal of annual reports until the significant environmental hazard is certified abated. REPORT ATTACHED ☐

h. Voluntary notification for DEEP approval of abatement report (optional).

☐ This significant environmental hazard condition is exempt from notification under the provisions of CGS 22a-6u(e)(2)(A), (B), or (C) because abatement was completed within 90 days. However, this notification is being voluntarily submitted for approval of the abatement report and certification of hazard abatement.

Date of completion of abatement _____

Abatement achieved by:

☐ removal of soil above notification threshold

☐ rendering the soil inaccessible as defined in the RSRs

☐ remediation of the release in accordance with the RSRs

Describe actions taken to remove hazard condition REPORT ATTACHED ☐

5. For **volatilization risk** [CGS 22a-6u(e)]:
If none, skip to question 6. CHECK IF NONE ☒

a. *List analytical data that are the basis for determining that a hazard condition exists. (Please list only the highest concentration for each pollutant causing a hazard condition.)

Monitoring Well/ Soil Vapor ID	Pollutant	Concentration (units)	Notes

Attach additional sheets as needed.

b. Site Map:

i. *Attach a site map/ parcel map indicating the location of samples identifying a hazard condition exists, please include buildings within 50 feet of the hazard condition with their use identified. SITE MAP ATTACHED ☐

ii. If available, include on the maps hydrogeologic data or additional sampling that may be available to provide better delineation of the hazard condition. Attach data tables as appropriate. DATA ATTACHED ☐

c. Identify any reason for delay (pursuant to the law) in submittal of this notification:

☐ An indoor air monitoring program was implemented [CGS 22a-6u(e)(3)] and this notification is due to a subsequently identified significant environmental hazard as a result of indoor air monitoring data or is due to a failure to complete the full extent of such monitoring.

☐ A previously vacant building was reoccupied and the significant environmental hazard is still present.

☐ The pollutant for which a significant environmental hazard was identified had been in an OSHA-regulated industrial/commercial use that has now been discontinued.

d. Describe any interim measures already implemented. CHECK IF NONE ☐
(Note: If trichloroethylene was detected DEEP recommends consulting the 2015 Guidance on Trichloroethylene Developmental Risks in evaluating the site.)

Attach additional sheets as needed.

e. Attach a plan [CGS 22a-6u(e)(4)] that describes further actions that may be necessary to fully delineate potential at-risk receptors and to identify and eliminate any exposure to contaminants. PLAN ATTACHED ☐

6. For **threats to surface water** [CGS 22a-6u(f)]:
If none, skip to next part. CHECK IF NONE ☒

a. *Is this notification for the presence of non aqueous phase liquid? YES ☐ NO ☐

b. *List analytical data establishing that the condition exists. CHECK IF NO DATA ☐

Monitoring Well ID	Pollutant	Concentration (units)	Notes

Attach additional sheets as needed.

c. *Attach a table and site map showing the specific monitoring locations, analytical data, available hydrogeologic data, and their relationship and distance to the threatened surface water body. MAP ATTACHED ☐

d. Was a site specific dilution calculation made? YES ☐ NO ☐
If yes, attach the calculation on a separate sheet. ATTACHED ☐

e. Attach a plan [CGS 22a-6u(f)(3)] that describes further actions that may be necessary to fully delineate potential at-risk receptors and to identify and eliminate any exposure to contaminants. PLAN ATTACHED ☐

Part IV – Additional Information (optional, except #7 which is required by the law)

1. Voluntary Remediation/ECAF/Property Transfer filings: CHECK IF NONE ☒

Form	Date	Certifying/Verifying/Filing Party	DEEP Determination

2. DEEP staff involved with assessment or remediation of the site: CHECK IF NONE ☒

Time Period	DEEP Section	Name

3. Reports to DEEP Emergency Response and Spill Prevention Division: CHECK IF NONE ☒

Date	UST Release or other spill?	Material Released	Quantity

4. Describe other relevant DEEP permitting or enforcement involvement: CHECK IF NONE ☒

EPA ID#: CT	DEEP-WPC #:	DEEP Inventory #:
RCRA Notifier Status:	RCRA Permit Status:	
Remarks:		

5. What environmental reports exist for the site and are available to DEEP? CHECK IF NONE ☒

Report Type	Date (mo/yr)	Preparer (Firm)	Attached? (Y/N)	Previously submitted?	DEEP Unit to which sent
Phase 1					
Phase 2					
Phase 3					

Do not list routine monitoring reports in this section. Attach additional sheets as needed.

6. Recurring periodic monitoring:

   a. Is this notification the result of data obtained through a periodic, recurring groundwater monitoring program being conducted at the site? YES ☐ NO ☒

   b. If yes, please identify the reason for this monitoring and the DEEP unit to which reports are made, if any.

      i. Reason: _____

      ii. DEEP Unit: _____

   c. DEEP requests that a tabular summary for the location and constituent triggering a hazard notification of historic monitoring data from the past three years is provided to better evaluate future actions that DEEP may prescribe or no action, related to this notification. DATA TABLE ATTACHED ☐

*7. Identify any *other* affected properties: CHECK IF NONE AFFECTED ☒

Address/Town	Contact Name/Phone	How is Property Affected?

Attach additional sheets as needed.

8. Describe the land use of the site and surrounding area, and identify any sensitive land uses within 1/4 mile of the site (i.e., schools, day care, public water supply wells, wetlands, etc.):

Site is located at a middle school, abutting a preschool, elementary school, high school, and youth center. Additional properties in the vicinity include residential properties and an art school.

9. Additional comments regarding the hazard condition(s):

Attach additional sheets as needed.

Part V – Reports, Plans, and Implementation Schedule for Proposed Actions

*The law [CGS 22a-6u(j)] requires the significant environmental hazard notification include a description of any steps being taken to mitigate abate, remediate or monitor the contamination or condition. In addition the law provides for submittal (contemporaneously with the notification except for supply wells polluted above criteria) of a report of initial actions taken, as specified by law, and a plan of recommended actions. Completion of this form, accompanied by attachments as necessary for specific hazard conditions, can meet this requirement

CHECK IF PLAN OR REPORT ATTACHED ☐

Provide an implementation schedule for additional evaluation, mitigation or abatement actions:

Action or Step	Completion Date
Source removal in recovery wells in building Installation of 3 additiional monitoring wells Sampling of 3 additional monitoring wells	Twice weekly 12/28/2022 1/9/23

Attach additional sheets as needed.

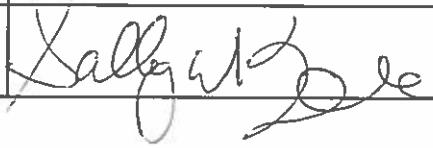
Describe the implementation frequency for proposed monitoring and maintenance activity:

Monitoring/Maintenance program	Frequency
Unknown at this time	

Attach additional sheets as needed.

*Part VI – Signature of Notifying Party

"I have personally examined and am familiar with the information submitted in this document and all attachments, and certify that based on reasonable investigation the submitted information is true and accurate to the best of my knowledge and belief. I certify that this form is complete and accurate as prescribed by the Commissioner without alteration of the text."

Name (print or type)	Sally Kropp	Title (if applicable)	President, Kropp Environmental Contractors, Inc.
Signature		Date 1/11/23	

* Signifies information required by CGS Section 22a-6u.

^By providing this e-mail address you are agreeing to receive, when permissible under law, official correspondence from the DEEP, at this electronic address, concerning the subject significant hazard. Please remember to check your security settings to be sure you can receive e-mails from "ct.gov" addresses. Please notify DEEP if your e-mail address changes.

Legend

-500' Radius

0 50 ft 100 ft

KROPP ENVIRONMENTAL CONTRACTORS, INC.

P.O. Box 258
Lebanon, CT 06249

Old Lyme Region 18 - 22(S)216 | Figure 5

Well Receptor Survey Map - Abutters

49 Old Lyme St.
Old Lyme , CT 36371

Created On:	Last Update:	Note: Allproperty features and investigation locations are approximate based on field measurements.	Created By:
12-08-2022	01-10-2023		AC

Table 5

Properties below are within a 500' radius of MW-7 at Old Lyme Region 18 School

49 Lyme Street, Old Lyme, CT 06371

KEC Project # 22(S)216

PARCEL ID	LOCATION	PID	OWNER	MAIL ADDRESS	MAIL TOWN	MAIL STATE	MAIL ZIP	WATER	VACANT
57-81	47 LYME ST	2794	BACHMAN WILLIAM A & JANE E	3 JUSTIN RD	NATICK	MA	01760	Well	No
57-58	54 LYME ST	2770	JONES RICHARD F III	54 LYME ST	OLD LYME	CT	06371	Well	No
57-80	55 LYME ST	2793	OLD LYME HISTORICAL SOCIETY INC	PO BOX 352	OLD LYME	CT	06371	Well	No
57-59	56 LYME ST	2771	HALFERTY PAUL & ESTHER E (SURV)	56 LYME ST	OLD LYME	CT	06371	Well	No
57-79	57 LYME ST	2792	OLD LYME CHILDRENS LEARNING CENTER	57 LYME ST	OLD LYME	CT	06371	NTNC	No
57-78	59 LYME ST	2791	LYMES YOUTH SERVICE INC	59 LYME ST	OLD LYME	CT	06371	Well	No
57-64	60 LYME ST	2777	J ELMS LLC	60 LYME ST	OLD LYME	CT	06371	Well	No
57-77	61 LYME ST	2790	WADE DEBORAH M	61 LYME ST	OLD LYME	CT	06371	Well	No
57-65	62 LYME ST	2778	NAVARRO BRIAN	PO BOX 188	WEST MYSTIC	CT	06388	Well	No
57-76	63 LYME ST	2789	BOGGY HOLE ROAD LLC	67 LYME ST	OLD LYME	CT	06371	Well	No
57-66	64 LYME ST	2779	MONTE CHARLES H & ANDRINA R TRUSTEES	411-1 HAMBURG RD	LYME	CT	06371	TNC	No
57-75	67 LYME ST	2788	BOGGY HOLE ROAD LLC	67 LYME ST	OLD LYME	CT	06371	TNC	No
57-74	69 LYME ST	2787	TOWN OF OLD LYME	69 LYME ST	OLD LYME	CT	06371	Well	No
17-1	69-2 LYME ST	759	REGIONAL SCHOOL BOARD	LYME ST	OLD LYME	CT	06371	Well	No
57-59-1	ELIZABETH LANE	2772	TURTLE FIELDS HOMEOWNERS ASSOC INC	60 LYME ST	OLD LYME	CT	06371	Well	Yes

Notes:

1. TNC: Transient Non-Community Public Water System (Department of Public Health: Public Water Systems List - July, 2022);
2. NTNC: Non-Transient Non-Community Public Water System (Department of Public Health: Public Water Systems List - July, 2022);
3. No: Structure is located on property;
4. Yes: No structure is present or undeveloped land

KROPP
ENVIRONMENTAL CONTRACTORS, INC.

P.O. Box 258
32 Exeter Road
Lebanon, Connecticut 06249

Phone: (860) 642-9952
Fax: (860) 642-9953
www.kroppenvironmental.com

January 11, 2023

Ms. Tiziana Shea
Remediation Division
Bureau of Water Protection and Land Reuse
Connecticut Department of Energy and Environmental Protection
79 Elm Street
Hartford, CT 06106

RE: **SEHN Corrective Action Summary Report**
49 Lyme Street
Old Lyme, CT 06371
CTDEEP Case No. 202203368
KEC Job # 22(S)216

Dear Ms. Shea,

Kropp Environmental Contractors, Inc., (KEC) has prepared this letter report documenting actions taken to respond to the significant environmental hazard at the reference property in Old Lyme, Connecticut (the Site) (***Figure 1***). The report will also outline future actions to be taken to remediate the Site.

Initial Spill Response

On August 1, 2022, KEC responded to a release of No. 2 heating oil to the basement floor of the boiler room. A 3/8-inch feed line to the boilers failed releasing the heating oil. The heating oil made its way into floor drains which discharged to a concrete holding sump outside the south side of the building. The holding sump is designed to collect discharge to the boiler room drains which is conveyed via underground piping to the holding sump. Some heating oil seeped below the floor at cracks and seams in the concrete floor. Oil within the concrete holding sump was within three to four inches from the top of the sump structure when KEC arrived. The concrete holding sump had overflowed and oil flowed out the cover of the manway of the sump. Stained soil was observed around the sump. The oil was removed from the building floor and the concrete holding sump using a liquid power vacuum truck. A total of 698 gallons of No. 2 heating oil and water was recovered and transported offsite for disposal. The concrete holding sump was power washed after the liquids were removed.

The release was reported to the Connecticut Department of Energy and Environmental Protection (CTDEEP) by KEC. The CTDEEP assigned Case No. 202203368 to the release and CTDEEP Emergency Response Agent Donnel Thigpen was assigned to the Site.

The boiler room floor was cleaned using granular absorbent compound to absorb the remaining liquid. The granular absorbent compound was swept up and transferred into two drums. The floor was washed using environmentally friendly cleaners (Simple Green and Bio Solve). The wash water was recovered for disposal. The two drums with the spent granular absorbent compound were removed from the Site for characterization and proper disposal.

Applicable Remediation Criteria

The Site is located in an area with a CTDEEP GA groundwater classification. Groundwater with a GA classification is considered suitable for drinking without treatment.

The applicable soil cleanup criteria for GA areas are the CTDEEP Remediation Standard Regulations (RSRs) Residential Direct Exposure Criteria (RDEC) and the GA Pollutant Mobility Criteria (GA PMC). The RDEC protect the health of individuals who come into contact with impacted soils and the GA PMC limits the mobilization of contaminants from soil to groundwater.

The applicable groundwater cleanup criteria for GA area are the Groundwater Protection Criteria (GWPC), established to protect the drinking water quality of groundwater, the Residential Groundwater Volatilization Criteria (RGWVC), which ensure that VOCs do not volatilize out of groundwater into habitable space, and the Surface Water Protection Criteria (SWPC), which protect the quality of surface waters at the point of groundwater discharge.

Remediation of Heating Oil Impacted Soil

Heating oil from the concrete holding sump impacted soil surrounding the sump. Oil had overflowed out the manway at the top cover and spread onto the surrounding soil. KEC utilized a power vacuum truck to remove soil from around the sump.

On August 2, 2022, KEC returned to the Site to continue excavation around the sump. Soil was chipped away with shovels and pry bars due to the presence of heating oil supply lines, water, and drainage lines. The loosened soil was removed using a power vacuum truck. KEC continued excavating additional soil on August 3, 4, 5, 8, 17, 19 and 24 2022.

A total of 86 soil samples were collected from the excavation during multiple days and screened for total organic vapors (TOVs) with a photoionization detector (PID). The PID was calibrated to a benzene surrogate (isobutylene) with a known concentration of 100 parts per million (ppm) and fitted with a 10.6 electron volt (eV) lamp, which detects TOVs in the range consistent with No. 2

heating oil. TOVs were detected in the soil samples at concentrations ranging from 0.0 ppm to a maximum of 500+ ppm. The PID reading are summarized on ***Table 1***.

A soil sample was collected on August 3, 2022 and submitted to Complete Environmental Testing, Inc. (CET) in Stratford, Connecticut for analysis of extractable total petroleum hydrocarbons (ETPH) via the Connecticut ETPH Method. ETPH was detected at a of 16,000 milligrams per kilogram (mg/kg). The soil analytical results are summarized in ***Table 2,*** and the laboratory analytical reports are presented in ***Attachment I***. The sample locations are concentration presented in ***Figure 2***.

On August 5, 2022, six (6) holes were cored through the concrete floor in the boiler room. Soil samples were collected from beneath the concrete at three (3) of the locations and submitted to CET for analysis of ETPH. ETPH was detected in samples IS-6, IS-16, and IS-17 at concentrations well above applicable criteria. The ETPH results ranged from 3,300 mg/kg to 21,000 mg/kg.

On August 8, 2022, three (3) more holes were cored through the concrete floor in the boiler room to investigate the extent of soil contamination beneath the floor. Soil samples were collected for TOV readings with the PID, but no soil samples were collected.

On August 17, 2022, two soil samples were collected from the excavation around the sump and analyzed for ETPH. The samples were also analyzed for volatile organic compounds (VOCs) by United States Environmental Protection Agency (EPA) Method 8260 and for polynuclear aromatic hydrocarbons (PAHs) by EPA Method 8270. Sample S-77 did not detect ETPH, VOCs or PAHs at concentrations above method reporting limits. Sample S-80 detected ETPH at 16,000 mg/kg. Four (4) PAHs were detected with 2-methyl naphthalene detected at a concentration above the GA PMC. Nine (9) VOCs were detected with six (6) constituents, total xylenes, isopropylbenzene, n-propylbenzene, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene and 4-isopropyltoluene at concentrations above their respective GA PMC. The soil analytical results are summarized in ***Table 2***.

On August 24, 2022 twelve (12) confirmatory soil samples were collected from the excavation around the sump. Five (5) soil samples exceeded both the RDEC and GAPMC. Two of the samples were analyzed for PAHs with detections of five (5) and seven (7) constituents in the samples. The PAH 2 methyl naphthalene exceeded the GA PMC in both samples. Two samples were also analyzed for VOCs with detections of six (6) and nine (9) constituents in the samples. Samples CS-9 had six (6) constituents exceeding the GA PMC; xylenes, isopropylbenzene, n-propylbenzene, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene and 4-isopropyltoluene. The confirmatory soil analytical results are presented in ***Table 3*** and the laboratory analytical reports are presented in ***Attachment I***. The sample locations are presented in ***Figure 2***.

On September 22, 2022, a core hole inside the boiler room was enlarged using a power vacuum truck. The core hole was extended into the water table. A 4-inch PVC pipe was field slotted and

inserted into the hole. Crushed stone was placed around the PVC to create a temporary recovery well. This well is known as recovery well RW-7.

On October 17, 2022, a core hole inside the boiler room was enlarged and deepened to below the water table. A 4-inch, factory slotted PVC pipe was inserted into the hole and backfilled with crushed stone. This well become recovery well RW-8. A soil sample was collected from RW-8. ETPH was detected at a concentration of 6,900 mg/kg and six (6) PAHs were detected with the PAH 2 methyl naphthalene exceeding the GA PMC. The sample location is presented in ***Figure 3***.

On October 18, 2022, another core hole inside the boiler room was enlarged and deepened to below the water table. A 4-inch, factory slotted PVC pipe was inserted into the hole and backfilled with crushed stone. This well become recovery well RW-9.

Disposal

Between September 2 and September 9, 2022, KEC transported five (5) roll off cans totaling 90.10 tons of heating oil contaminated soil to Ondrick Materials & Recycling in Chicopee, Massachusetts for treatment.

On August 1, 2022 KEC transported 698 gallons of heating oil and water to Tradebe in Meriden, Connecticut for disposal.

Between September 23, 2022 and January 4, 2023, KEC collected a total of 2,366 gallons of heating oil and water from the three recovery wells. The recovered liquids were transported to Tradebe for disposal.

Monitoring Well Installations

On August 16, 2022, KEC installed four groundwater monitoring wells, MW-1 through MW-4, in the area south of the building. The wells were installed around the sump based on topography and an assumed groundwater flow direction.

On November 23, 2022, four additional wells, MW-5 through MW-8, were installed in an apparent downgradient direction from the release area. The four wells were installed to the north and west of the cafeteria building.

On December 30, 2022, three additional wells, MW-9 through MW-11, were installed downgradient from the second set of wells, MW-5 through MW-8. These wells were placed north and west of wells MW-5 through MW-8 and near the western property boundary. Boring logs for the monitoring wells are included in ***Attachment II***.

The tops of the PVC casing within the wells were surveyed so that groundwater flow maps could be constructed from the water level data collected from the wells. A Groundwater Flow Direction Map is presented in ***Figure 4***.

Groundwater Sampling

On October 3, 2022, a groundwater sample was collected from recovery well RW-7 using a disposable bailer. The sample was submitted to CET for analysis of ETPH, PAHs and VOCs. ETPH was detected at a concentration of 6,100 micrograms per liter (µg/L), above the GWPC, SWPC and RGWVC of 250 µg/L. Four (4) PAHs were detected, but none exceeded criteria. A total of twelve (12) VOCs were detected in the sample with benzene exceeding the GWPC. Groundwater analytical results are summarized in ***Table 4,*** and the laboratory analytical reports are presented in ***Attachment III***.

Monitoring wells MW-1 through MW-4 were sampled on August 25, 2022. The well samples were collected using low-flow, low stress sampling techniques. The wells were purged until indicator parameters were stabilized and then sampled. Samples were submitted to CET under chain of custody and analyzed for ETPH, VOCs and PAHs. No constituent was detected in any sample.

On December 1, 2022, monitoring wells MW-5 through MW-8 were sampled for ETPH, VOCs and PAHs. ETPH was detected in MW-7 at 150 µg/L, below RSR criteria. One PAH, naphthalene, was detected at a concentration below criteria. Nine (9) VOCs were detected with one VOC, benzene at 5.8 µg/L detected above the GWPC.

On December 15, 2022, MW-7 was resampled to confirm the results from the previous sampling event. In general, the December 15 results were slightly elevated compared to the December 1 results. ETPH was detected at 260 µg/L, above RSR criteria. Nine (9) VOCs were detected with benzene, at 7.6 µg/L, above the GWPC. Monitoring well locations are presented on ***Figure 4*** and groundwater data is summarized in ***Table 4***.

Well Receptor Survey and Potable Water Well Sampling

KEC conducted a survey of all water supply wells within a 500-foot radius of the Site. KEC completed the following tasks as part of the well receptor survey:

- Reviewed information available on the CT ECO (CT Environmental Conditions Online) website, including groundwater classifications and aquifer protection areas;

- Reviewed the Connecticut Department of Public Health (CT DPH) online list of public water systems; and,
- Reviewed the Town of Old Lyme online property records to obtain parcel addresses, names of owners, and land use information.

Based on the results of these tasks, KEC prepared a list of addresses identified within the specified radius (***Table 5***). These properties are also shown on ***Figure 5***.

According to the information obtained from CT ECO, there are no aquifer protection areas within approximately 2.5 miles of the Site. The CT DPH online list of public water systems indicates that there are eleven (11) Community Systems, ten (10) Non-Transient Non-Community Systems, and twenty-nine (29) Transient Non-Community Systems located in the Town of Old Lyme. One of the Transient Non-Community Systems is the Region 18 schools – the Site. The Old Lyme Children's Learning Center, Inc., located to the west of the school property at 57 Lyme Street, is also listed on the Non-Transient Non-Community Systems list.

KEC is in the process of sending letters to the abutting property owners via certified mail (receipt requested) asking for permission to sample their supply wells with a one-week deadline to respond. Anticipated dates of sampling activities are between January 23, 2023 and February 3, 2023.

Emergency Response Summary

- Vacuuming of free product from the boiler room floor and the sump
- Vacuuming of impacted soil from around the sump

Remediation Efforts Summary

- Reviewing of historical site data
- Installation of recovery wells in the boiler room to facilitate the vacuuming of free product from the groundwater surface
- Ongoing gauging and removal of floating product from remediation wells inside the boiler room
- Installation and sampling of monitoring wells
- Ongoing communication with all interested parties including but not limited to property, federal, state, and local officials

Proposed Investigation and Remediation

Removal of free product from the recovery wells inside the boiler room will continue until all product has been removed.

File a Significant Environmental Hazard (SEH) notification for the Site based on contaminates in groundwater within 500 feet of the contaminated well, MW-7.

Preliminary administrative tasks for the sampling of private wells have begun. Letters to the affected properties will be sent and properties where permission to collect samples has been granted will be sampled in the near future.

Removal of heating oil impacted soil from the source area will be investigated. Access constraints, i.e., boilers, may require the use of alternative remedial options.

Additional monitoring wells may be installed at locations that are more representative of our current or future understanding of the Site develops. Additional rounds of groundwater sampling will be required.

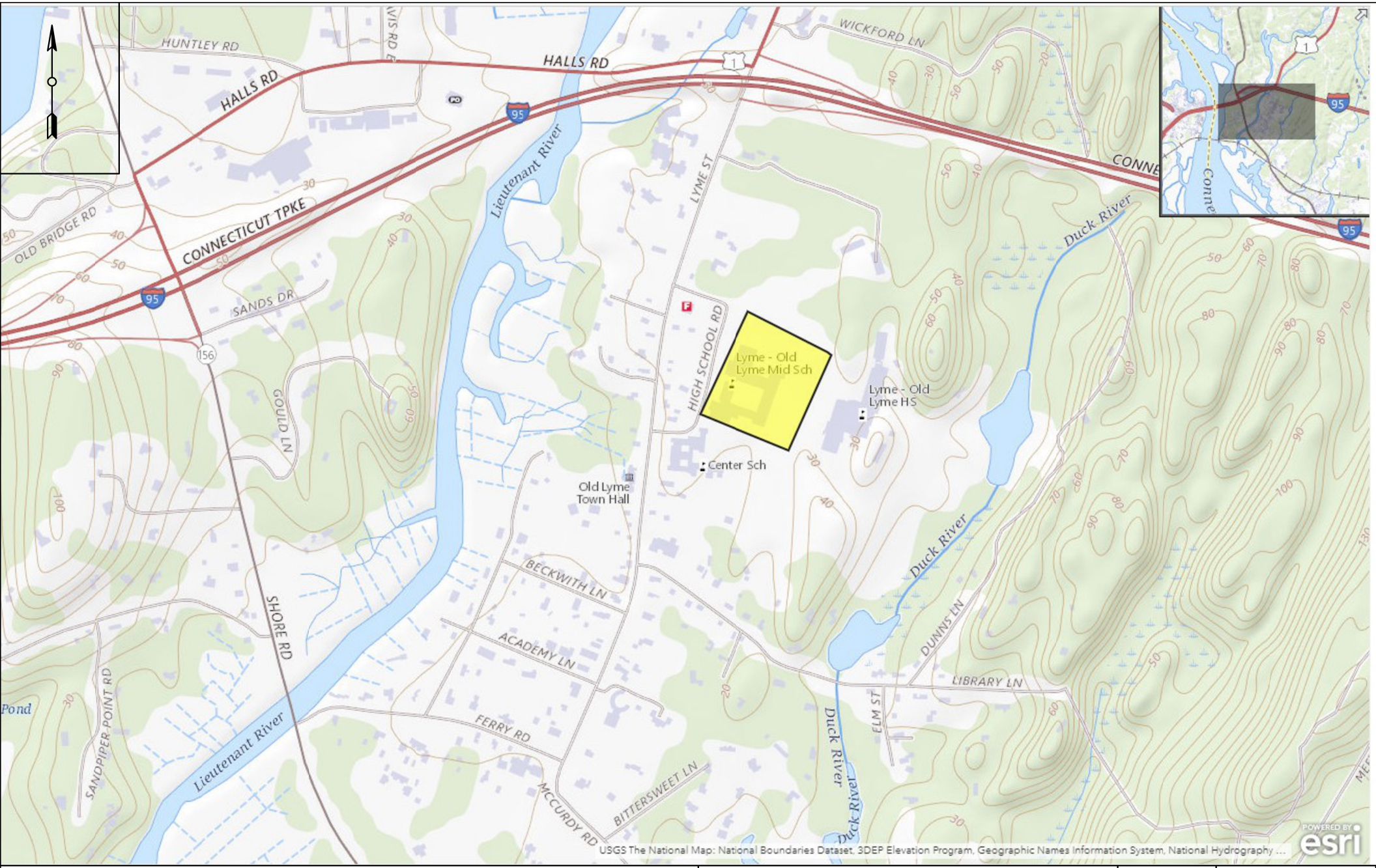
Please feel free to contact me at 860-642-9952 should you have any questions or comments regarding this correspondence.

Respectfully submitted,

Sally W. Kropp
President

Attachments: Figure 1: Site Location Map
Figure 2: Soil Sample Locations – Exterior
Figure 3: Soil Sample Locations – Interior
Figure 4: Groundwater Flow Direction Map
Figure 5: Well Receptor Survey Map
Table 1: Summary of PID Soil Screening Results
Table 2: Summary of Soil Sample Analytical Results
Table 3: Summary of Confirmatory Soil Sample Analytical Results
Table 4: Summary of Groundwater Analytical Results
Table 5: Properties within 500 feet of the Site
Attachment I: Laboratory Analytical Reports for Soil Samples
Attachment II: Boring Logs
Attachment III: Laboratory Analytical Reports for Groundwater Samples

Figures



Legend

-Site Location

0 300 600

KROPP ENVIRONMENTAL CONTRACTORS, INC.

P.O. Box 258
Lebanon, CT 06249

Old Lyme Region 18 - 22(S)216 | Figure 1

Site Location

49 Old Lyme St.
Old Lyme , CT 36371

Created On:	Last Update:	Note: All property features and investigation locations are approximate based on field measurements.	Created By:
09-23-2022	09-23-2022		AC

Legend

- Approximate Excavation Area
- -Soil Sample Below RSR Criteria or Non - Detectable
- -Soil Sample Above RSR Criteria

0ft 5ft 10ft

KROPP ENVIRONMENTAL CONTRACTORS, INC.

P.O. Box 258
Lebanon, CT 06249

Old Lyme Region 18 - 22(S)216 | Figure 2

Soil Sample Locations- Exterior

49 Old Lyme St.
Old Lyme , CT 36371

Created On:	Last Update:	Note: All property features and investigation locations are approximate based on field measurements.	Created By:
08-12-2022	01-09-2023		AC

Boiler Room

H7-S2 (6' / 650)

IS-16 (2' / 366)

IS-6 (2' / 450)

IS-17 (6' /650)

Electrical Room

Legend

-Soil samples exceeding applicable RSR criteria

IS-6 (2' / 450) -Sample name (Depth sample taken / ETPH in PPM)

Crack in Floor

0ft 5ft 10ft

KROPP ENVIRONMENTAL CONTRACTORS, INC.

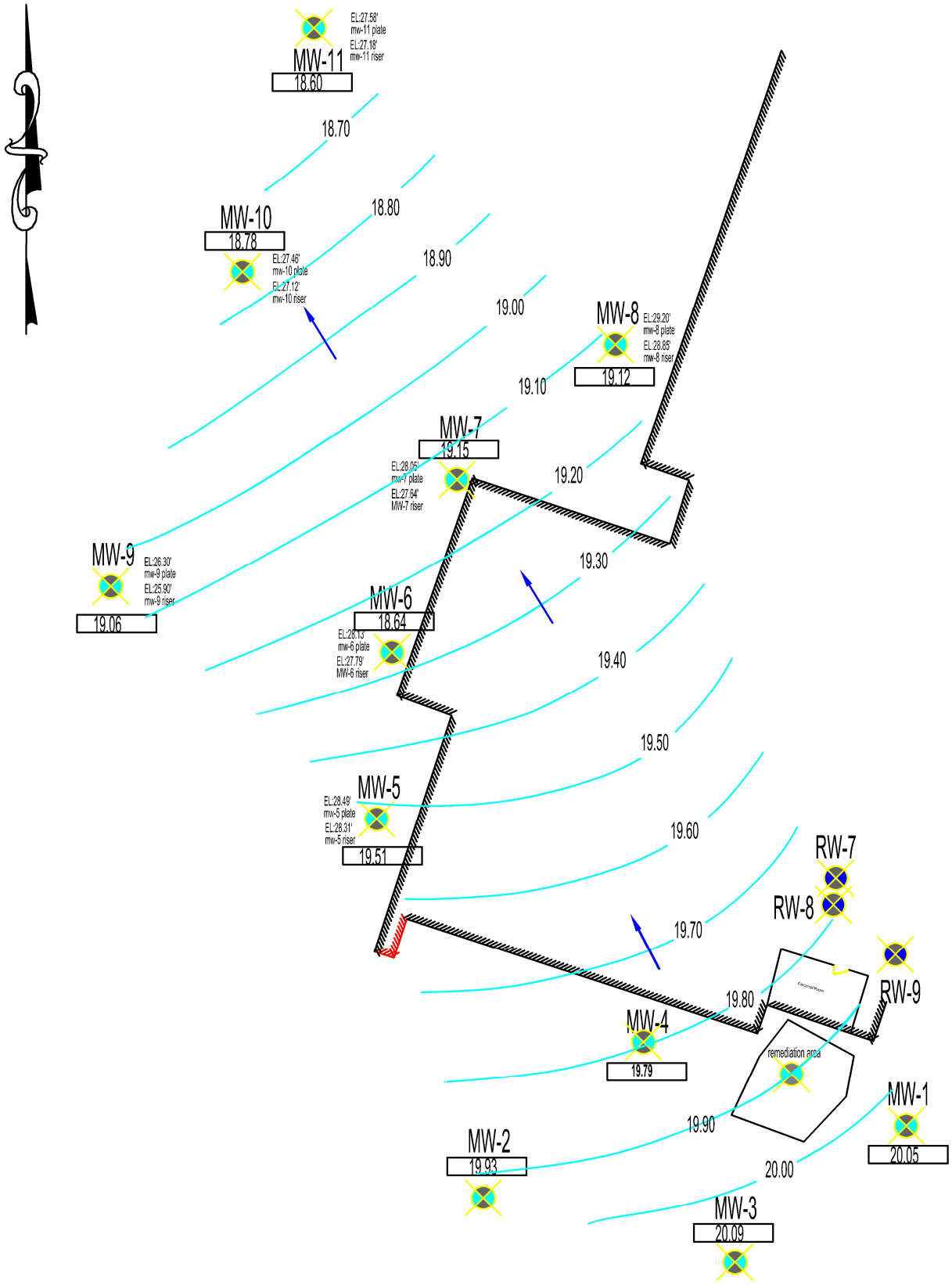
P.O. Box 258
Lebanon, CT 06249

Old Lyme Region 18 - 22(S)216 | Figure 3

Soil Sample Locations - Interior

49 Old Lyme St.
Old Lyme , CT 36371

Created On:	Last Update:	Note: All property features and investigation locations are approximate based on field measurements.	Created By:
08-12-2022	01-09-2023		AC



Legend

-Monitoring Well

-Recovery Well

17.80 -Groundwater Elevation Contour

-Groundwater Flow Direction

19.51 -Groundwater Elevation

0 20 40 60 80 100

KROPP ENVIRONMENTAL CONTRACTORS, INC.

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Lebanon, CT 06249

Old Lyme Region 18 - 22(S)216 | Figure 4

Ground Water Contours
January 09, 2023

49 Old Lyme St.
Old Lyme , CT 36371

Created On:	Last Update:	Note:	Created By:
12-08-2022	01-10-2023	All property features and investigation locations are approximate based on field measurements.	AC

Legend

-500' Radius

0 50 ft 100 ft

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P.O. Box 258
Lebanon, CT 06249

Old Lyme Region 18 - 22(S)216 | Figure 5

Well Receptor Survey Map - Abutters

49 Old Lyme St.
Old Lyme , CT 36371

Created On:	Last Update:	Note: Allproperty features and investigation locations are approximate based on field measurements.	Created By:
12-08-2022	01-10-2023		AC

Tables

Table 1
Summary of PID Soil Screening Results
49 Lyme Street
Old Lyme, CT

Date	Sample	Depth	TOVs (ppm_v)
8/2/2022	S-1	2'9"	58.7
	S-2	3'	200+
	S-3	2'7"	200+
	S-4	2'11"	150+
	S-5	3'4"	300+
	S-6	3'5"	300+
	S-7	3'	5.8
	S-8	2'	3.1
	S-9	3'3"	250+
	S-10	3'4"	400+

Date	Sample	Depth	TOVs (ppm_v)
8/3/2022	S-11	5'	150
	S-12	5'	175
	S-13	5'	500+
	S-14	5'	300+
	S-15	7'	200+
	S-16	7'	300+
	S-17	7'	300+
	S-18	7'	200+
	S-19	2'	300+
	S-20	2'	120.0

Date	Sample	Depth	TOVs (ppm_v)
8/4/2022	S-21	3'	200+
	S-22	2'	0.0
	S-23	2'	0.0
	S-24	4'	200+
	S-25	3'	150+

Date	Sample	Depth	TOVs (ppm_v)
8/5/2022	S-31	2'1"	0.0
	S-32	3'	0.0
	S-33	3'11"	1.4
	S-34	5'	3.8
	S-35	6'8"	250+
	S-36	6'8"	200+
	S-37	4'	200+
	S-38	1'7"	1.2
	S-39	0'	1.4
	S-40	2'2"	0.0
	S-41	3'3"	2.5
	S-42	4'2"	250+
	S-43	5'4"	300+
	S-44	6'10"	350+

Date	Sample	Depth	TOVs (ppm_v)
8/5/2022 (Interior)	IS-1	10"	20.1
	IS-2	2'	0.0
	IS-3	10"	215+
	IS-4	2'	250+
	IS-5	10"	89.5
	IS-6	2'	450+
	IS-7	10"	250+
	IS-8	10"	131.0
	IS-9	10"	24.0
	IS-10	2'	11.7

Date	Sample	Depth	TOVs (ppm_v)
8/8/2022 (Interior)	IS-11	10"	5.3
	IS-12	10"	10.0
	IS-13	2'	84.0
	IS-14	2'	10.0
	IS-15	4'	230.0
	IS-16	4'	366.0
	IS-17	10"	500.0
	IS-18	2'	256.0

Notes:

1. TOVs: Total organic vapors;

2. ppmv/v: Parts per million by volume per volume isobutylene.

Table 1
Summary of PID Soil Screening Results
49 Lyme Street
Old Lyme, CT

Date	Sample	Depth	TOVs (ppm_v)
8/16/2022	SB-1	0'-1'6"	0.0
	SB-1	1'6"-3'6"	0.0
	SB-1	3'6"-5'	0.0
	SB-1	5'-7'8"	0.0
	SB-1	7'8"-10'	0.0
	MW-1	0'-1'	0.0
	MW-1	1'-2'6"	0.0
	MW-1	2'6"-5'6"	0.0
	MW-1	5'6"-7'6"	0.0
	MW-1	7'6"-10'	0.0
	SB-2	0'-1'	0.0
	SB-2	1'-2'6"	0.0
	SB-2	2'6"-4'3"	0.0
	SB-2	4'3"-5'	0.0
	SB-2	5'-6'6"	0.0
	SB-2	6'6"-8'	0.0
	SB-2	8'-10'	0.0
	MW-2	0'-8"	0.0
	MW-2	8"-4'	0.0
	MW-2	4'-5'	0.0
	MW-2	5'-6'	0.0
	MW-2	6'-8'	0.0
	MW-2	8'-10'	0.0
	MW-3	6"-2'	0.0
	MW-3	2'-5'	0.0
	MW-3	5'-8'	0.0
	MW-3	8'-10'	0.0
	MW-4	1'2"-3'6"	0.0
	MW-4	3'6"-5'	0.0
	MW-4	5'-8'6"	0.0
	MW-4	8'6"-10'	0.0

Date	Sample	Depth	TOVs (ppm_v)
8/17/2022	S-75	3'3"	6.1
	S-76	5'10"	3.5
	S-77	6'	8.6
	S-78	6'	66.4
	S-79	6'8"	300+
	S-80	8'5"	300+
	S-81	7'1"	300+

Date	Sample	Depth	TOVs (ppm_v)
8/19/2022	S-82	6'6"	1.0
	S-83	5'6"	0.0
	S-84	4'2"	0.0
	S-85	13'4"	0.0
	S-86	6'9"	200+

Date	Sample	Depth	TOVs (ppm_v)
8/24/2022	CS-1	2'	5.3
	CS-2	4'	19.8
	CS-3	6'	400
	CS-4	2'	0
	CS-5	4'	101.9
	CS-6	6'	400+
	CS-7	2'	7.0
	CS-8	4'	250+
	CS-9	6'	200+
	CS-10	2'	17.0
	CS-11	4'	300+
	CS-12	6'	400+
	CS-13	2'	13.0
	CS-14	4'	13.0
	CS-15	6'	13.9
	CS-16	6'	19.5
	CS-18	6'	19.0

Date	Sample	Depth	TOVs (ppm_v)
10/17/2022	H7-S1	4'	500+
	H7-S2	6'	650+
	H7-S3	10'	NA
	H9-S4	2'	226
	H9-S5	4'	300+

Date	Sample	Depth	TOVs (ppm_v)
11/23/2022	MW-5	6"-2'	0.0
	MW-5	2'-5'	0.0
	MW-5	5'-8'	0.0
	MW-5	8'-9'	0.0
	MW-5	9'-10'	0.0
	MW-5	10'-11'	0.0
	MW-5	11'-13'	0.0
	MW-5	13'-15'	0.0
	MW-5	15'-16'6"	0.0
	MW-5	16'6"-20'	0.0
	MW-6	2'-5'	0.0
	MW-6	5'-6'	0.0
	MW-6	6'-8'	0.0
	MW-6	8'-10'	0.0
	MW-6	10'-11'6"	0.0
	MW-6	11'6"-13'	0.0
	MW-6	13'-15'	0.0
	MW-6	15'-16'6"	0.0
	MW-6	16'6"-18'	0.0
	MW-6	18'-20'	0.0
	MW-7	6"-2'	0.0
	MW-7	5'-7'	0.0
	MW-7	7'-10'	0.0
	MW-7	10'-11'6"	0.0
	MW-7	11'6"-15'	0.0
	MW-8	9"-2'6"	0.0
	MW-8	2'6"-5'	0.0
	MW-8	5'-8'	0.0
	MW-8	8'-10'	0.0
	MW-8	10'-11'	0.0
	MW-8	11'-13'	0.0
	MW-8	13'-15'	0.0

Notes:

1. TOVs: Total organic vapors;

2. ppmv/v: Parts per million by volume per volume isobutylene.

Table 2
Summary of Soil Sample Analytical Results
49 Lyme Street
Old Lyme, CT 06371

		Sample Date:	**8/3/2022**	**8/5/2022**	**8/8/2022**		**8/17/2022**		**10/17/2022**	**12/30/2022**					
		Sample ID:	**S-13**	**IS-6***	**IS-16***	**IS-17***	**S-77**	**S-80**	**H7-S2**	**SS-1**	**SS-2**	**SS-3**	**SS-4**	**SS-5**	**SS-6**
		Depth :	5'	2'	4'	10"	6'	8'5"	6'	7'-10'	10'-11'	9'-11'	11'-13'	9'-10'6"	10'6"-14'
		PID ($ppm_{v/v}$):	500+	450+	366	500	8.6	300+	650+	0.0	0.0	0.0	0.0	0.0	0.0
	RDEC (mg/kg)	**GA PMC (mg/kg)**													
Extractable Total Petroleum Hydrocarbons (ETPH)															
ETPH	500	500	**16,000**	**21,000**	**15,000**	**3,300**	ND<52	**16,000**	**6,900**	NA	NA	NA	NA	NA	NA
Semivolatile Organic Compounds (SVOCs) (PAHs) (mg/kg)															
Naphthalene	1,000	5.6	NA	NA	NA	NA	ND<0.10	ND<0.11	**0.91**	NA	NA	NA	NA	NA	NA
2-Methyl Naphthalene	270*	0.56*	NA	NA	NA	NA	ND<0.10	**6.3**	**2.4**	NA	NA	NA	NA	NA	NA
Acenaphthene	1,000*	8.4*	NA	NA	NA	NA	ND<0.10	ND<0.11	**0.52**	NA	NA	NA	NA	NA	NA
Phenanthrene	1,000	40	NA	NA	NA	NA	ND<0.21	**1.3**	**0.73**	NA	NA	NA	NA	NA	NA
Anthracene	1,000	40	NA	NA	NA	NA	ND<0.10	**0.44**	**0.29**	NA	NA	NA	NA	NA	NA
Pyrene	1,000	40	NA	NA	NA	NA	ND<0.10	**0.36**	**0.22**	NA	NA	NA	NA	NA	NA
Volatile Organic Compounds (VOCs) (mg/kg)															
Toluene	500	20	NA	NA	NA	NA	ND<0.003	**1.3**	NA	ND<0.0067	ND<0.0067	ND<0.0067	ND<0.0068	ND<0.006	ND<0.0069
Ethylbenzene	500	10.1	NA	NA	NA	NA	ND<0.003	**4.4**	NA	ND<0.0067	ND<0.0067	ND<0.0067	ND<0.0068	ND<0.006	ND<0.0069
m+p Xylenes	--	--	NA	NA	NA	NA	ND<0.0061	**16**	NA	ND<0.013	ND<0.013	ND<0.013	ND<0.014	ND<0.012	ND<0.014
o-Xylene	--	--	NA	NA	NA	NA	ND<0.003	**9.3**	NA	ND<0.0067	ND<0.0067	ND<0.0067	ND<0.0068	ND<0.006	ND<0.0069
Total Xylenes	500	19.5	NA	NA	NA	NA	ND<0.003	**25.3**	NA	ND<0.0067	ND<0.0067	ND<0.0067	ND<0.0068	ND<0.006	ND<0.0069
Isopropylbenzene	500*	0.50*	NA	NA	NA	NA	ND<0.003	**2.6**	NA	ND<0.0067	ND<0.0067	ND<0.0067	ND<0.0068	ND<0.006	ND<0.0069
n-Propylbenzene	500*	1.0*	NA	NA	NA	NA	ND<0.003	**7.6**	NA	ND<0.0067	ND<0.0067	ND<0.0067	ND<0.0068	ND<0.006	ND<0.0069
1,3,5-Trimethylbenzene	500*	2.8*	NA	NA	NA	NA	ND<0.003	**14**	NA	ND<0.0067	ND<0.0067	ND<0.0067	ND<0.0068	ND<0.006	ND<0.0069
1,2,4-Trimethylbenzene	500*	2.8*	NA	NA	NA	NA	ND<0.003	**47**	NA	ND<0.0067	ND<0.0067	ND<0.0067	ND<0.0068	ND<0.006	ND<0.0069
4-Isopropyltoluene	500*	0.50*	NA	NA	NA	NA	ND<0.003	**2.4**	NA	ND<0.0067	ND<0.0067	ND<0.0067	ND<0.0068	ND<0.006	ND<0.0069
n-Butylbenzene	500*	7.0*	NA	NA	NA	NA	ND<0.003	**7.0**	NA	ND<0.0067	ND<0.0067	ND<0.0067	ND<0.0068	ND<0.006	ND<0.0069
trans-1,2-Dichloroethene	500	2.0	NA	NA	NA	NA	ND<0.003	ND<0.71	NA	ND<0.0067	**0.058**	ND<0.0067	**0.18**	ND<0.006	**0.23**

Notes:

1. RDEC: Residential Direct Exposure Criteria (RSRs-February, 2021);
2. GA PMC: GA Pollutant Mobility Criteria (RSRs-February, 2021);
3. Highlighted text indicates constituent exceeds applicable Remediation Standard Regulations (RSRs) criteria;
4. Criteria listed in the table were compiled from various sources, including: RSRs (August, 2017), the comprehensive list of approved additional polluting substances (APS) criteria, and alternative criteria (September, 2018). APS and alternative criteria are designated with an *;
5. $ppm_{v/v}$: parts per million by volume per volume isobutylene;
6. mg/kg: Milligrams per kilogram;
7. Samples IS-6, IS-16, IS-17 appear as "S-6", "S-16", "S-17" on lab report.

Table 3
Summary of Confirmatory Soil Sample Analytical Results
49 Lyme Street
Old Lyme, CT 06371

Sample Date:			**8/24/2022**										
Sample ID:			**CS-1**	**CS-2**	**CS-3**	**CS-7**	**CS-8**	**CS-9**	**CS-10**	**CS-11**	**CS-12**	**CS-13**	**CS-14**	**CS-15**
Depth :			2'	4'	6'	2'	4'	6'	2'	4'	6'	2'	4'	6'
PID ($ppm_{v/v}$):			5.3	19.8	400	7.0	250+	200+	17.0	300+	400+	13.0	13.0	13.9
	RDEC (mg/kg)	**GA PMC (mg/kg)**												
Extractable Total Petroleum Hydrocarbons (ETPH)														
ETPH	500	500	ND<56	ND<52	**6,900**	ND<55	**1,600**	**3,600**	ND<55	**6,200**	**21,000**	ND<56	ND<54	ND<52
Semivolatile Organic Compounds (SVOCs) (PAHs) (mg/kg)														
Naphthalene	1,000	280	NA	NA	**0.96**	NA	NA	**1.0**	NA	NA	NA	NA	NA	NA
2-Methyl Naphthalene	270*	0.56*	NA	NA	**3.2**	NA	NA	**3.3**	NA	NA	NA	NA	NA	NA
Fluorene	1,000	5.6	NA	NA	ND<0.11	NA	NA	**0.50**	NA	NA	NA	NA	NA	NA
Phenanthrene	1,000	40	NA	NA	**0.87**	NA	NA	**0.74**	NA	NA	NA	NA	NA	NA
Anthracene	1,000	40	NA	NA	**0.31**	NA	NA	**0.27**	NA	NA	NA	NA	NA	NA
Fluoranthene	1,000	5.6	NA	NA	ND<0.11	NA	NA	**0.13**	NA	NA	NA	NA	NA	NA
Pyrene	1,000	40	NA	NA	**0.30**	NA	NA	**0.30**	NA	NA	NA	NA	NA	NA
Volatile Organic Compounds (VOCs) (mg/kg)														
Toluene	500	20	NA	NA	NA	NA	NA	**2.2**	NA	**0.005**	NA	NA	NA	NA
Ethylbenzene	500	10.1	NA	NA	NA	NA	NA	**3.9**	NA	**0.0046**	NA	NA	NA	NA
m+p Xylenes	--	--	NA	NA	NA	NA	NA	**14**	NA	**0.013**	NA	NA	NA	NA
o-Xylene	--	--	NA	NA	NA	NA	NA	**9.0**	NA	**0.012**	NA	NA	NA	NA
Total Xylenes	500	19.5	NA	NA	NA	NA	NA	**23**	NA	**0.025**	NA	NA	NA	NA
Isopropylbenzene	500*	0.50*	NA	NA	NA	NA	NA	**1.8**	NA	ND<0.0031	NA	NA	NA	NA
n-Propylbenzene	500*	1.0*	NA	NA	NA	NA	NA	**4.9**	NA	**0.0031**	NA	NA	NA	NA
1,3,5-Trimethylbenzene	500*	2.8*	NA	NA	NA	NA	NA	**11**	NA	**0.0076**	NA	NA	NA	NA
1,2,4-Trimethylbenzene	500*	2.8*	NA	NA	NA	NA	NA	**36**	NA	**0.020**	NA	NA	NA	NA
sec-Butylbenzene	500*	7.0*	NA	NA	NA	NA	NA	ND<0.59	NA	ND<0.0031	NA	NA	NA	NA
4-Isopropyltoluene	500*	0.50*	NA	NA	NA	NA	NA	**1.9**	NA	ND<0.0031	NA	NA	NA	NA
n-Butlybenzene	500*	7.0*	NA	NA	NA	NA	NA	**4.8**	NA	ND<0.0031	NA	NA	NA	NA

Notes:
1. RDEC: Residential Direct Exposure Criteria (RSRs-February, 2021);
2. GA PMC: GA Pollutant Mobility Criteria (RSRs-February, 2021);
3. NA: Not Analyzed for this parameter;
4. ND: Not Detected above laboratory method reporting limit (MRL);
5. Bold text indicates constituent detected above the laboratory MRL, but below applicable RSR criteria;
6. Highlighted text indicates constituent exceeds applicable Remediation Standard Regulations (RSRs) criteria;
7. Constituents that were not detected in the above samples are not listed under their corresponding groups;
8. Criteria listed in the table were compiled from various sources, including: RSRs (August, 2017), the comprehensive list of approved additional polluting substances (APS) criteria, and alternative criteria (September, 2018). APS and alternative criteria are designated with an *;
9. APS and alternative criteria must be approved by the Commissioner of CTDEEP;
10. $ppm_{v/v}$: parts per million by volume per volume isobutylene;
11. mg/kg: Milligrams per kilogram.

Table 4
Summary of Groundwater Sample Analytical Results
49 Lyme Street, Old Lyme CT 06371

					Date:	**8/25/2022**				**12/1/2022**			**12/15/2022**
					Monitoring Well ID:	**MW-1**	**MW-2**	**MW-3**	**MW-4**	**MW-5**	**MW-6**	**MW-7**	**MW-8**	**MW-7**
Substance	**GWPC**	**CT DPH ALC**	**RGWVC**	**SWPC**		**Constituent Concentration (ug/L)**								
Extractable Total Petroleum Hydrocarbons (ETPH)														
ETPH	250	250	250*	250*		ND<100	ND<100	ND<100	ND<100	ND<100	ND<100	**150**	ND<100	**260**
Volatile Organic Compounds (VOCs)														
Benzene	1.0	1.0	215	710		ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**5.8**	ND<1.0	**7.6**
Toluene	1,000	150	23,500	4,000,000		ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**13.0**	ND<1.0	**20.0**
Ethylbenzene	700	NE	50000	580,000		ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**8.2**	ND<1.0	**12.0**
m+p Xylenes	--	--	--	--		ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**26.0**	ND<1.0	**35.0**
o-Xylene	--	--	--	--		ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**16.0**	ND<1.0	**24.0**
Total Xylenes	530	NE	21,300	270*		ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**42.0**	ND<1.0	**59.0**
Isopropylbenzene	25*	NE	900*	210*		ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**1.1**	ND<1.0	**1.6**
n-Propylbenzene	50*	NE	1,200*	10,000*		ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**1.6**	ND<1.0	**2.8**
1,3,5-Trimethylbenzene	140*	NE	730*	260*		ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**2.7**	ND<1.0	**4.3**
1,2,4-Trimethylbenzene	140*	NE	940*	150*		ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**13.0**	ND<1.0	**20.0**
Naphthalene	280	NE	NE	210*		ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**2.0**	ND<1.0	**3.1**
Semi-Volatile Organic Compounds (SVOCs)														
Naphthalene	280	NE	NE	210*		ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**1.3**	ND<1.0	**1.7**
2-Methyl Naphthalene	28*	NE	1000*	62*		ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**1.1**

Notes:

1. RGWVC: Residential Groundwater Volatilization Criteria (RSRs: February, 2021);
2. SWPC: Surface Water Protection Criteria (RSRs: February, 2021);
3. GWPC: Groundwater Protection Criteria (RSRs: February, 2021);
4. CT ALC: Connecticut Action Level Criteria (CT DPH Action Level List for Drinking Water: Last revised 2022);
3. ND: Not detected above laboratory method reporting limit (MRL); ND+: MDL various under corresponding group;
4. NE: Not established
4. Criteria listed in the table were compiled from various sources, including: RSRs (February, 2021), comprehensive list of approved additional polluting substances (APS) criteria, alternative criteria (September, 2018), and EPH/VPH/APH criteria (2012). APS and alternative criteria are designated with an *;
5. Only those substances detected above MRLs are summarized in the table;
6. Bold text indicates constituent was detected at a concentration above the MRL but below applicable RSR criteria; and
7. Highlighted text indicates constituent detected at a concentration above applicable RSR criteria.
8. ug/L: micrograms per Liter

Table 5

Properties below are within a 500' radius of MW-7 at Old Lyme Region 18 School

49 Lyme Street, Old Lyme, CT 06371

KEC Project # 22(S)216

PARCEL ID	LOCATION	PID	OWNER	MAIL ADDRESS	MAIL TOWN	MAIL STATE	MAIL ZIP	WATER	VACANT
57-81	47 LYME ST	2794	BACHMAN WILLIAM A & JANE E	3 JUSTIN RD	NATICK	MA	01760	Well	No
57-58	54 LYME ST	2770	JONES RICHARD F III	54 LYME ST	OLD LYME	CT	06371	Well	No
57-80	55 LYME ST	2793	OLD LYME HISTORICAL SOCIETY INC	PO BOX 352	OLD LYME	CT	06371	Well	No
57-59	56 LYME ST	2771	HALFERTY PAUL & ESTHER E (SURV)	56 LYME ST	OLD LYME	CT	06371	Well	No
57-79	57 LYME ST	2792	OLD LYME CHILDRENS LEARNING CENTER	57 LYME ST	OLD LYME	CT	06371	NTNC	No
57-78	59 LYME ST	2791	LYMES YOUTH SERVICE INC	59 LYME ST	OLD LYME	CT	06371	Well	No
57-64	60 LYME ST	2777	J ELMS LLC	60 LYME ST	OLD LYME	CT	06371	Well	No
57-77	61 LYME ST	2790	WADE DEBORAH M	61 LYME ST	OLD LYME	CT	06371	Well	No
57-65	62 LYME ST	2778	NAVARRO BRIAN	PO BOX 188	WEST MYSTIC	CT	06388	Well	No
57-76	63 LYME ST	2789	BOGGY HOLE ROAD LLC	67 LYME ST	OLD LYME	CT	06371	Well	No
57-66	64 LYME ST	2779	MONTE CHARLES H & ANDRINA R TRUSTEES	411-1 HAMBURG RD	LYME	CT	06371	TNC	No
57-75	67 LYME ST	2788	BOGGY HOLE ROAD LLC	67 LYME ST	OLD LYME	CT	06371	TNC	No
57-74	69 LYME ST	2787	TOWN OF OLD LYME	69 LYME ST	OLD LYME	CT	06371	Well	No
17-1	69-2 LYME ST	759	REGIONAL SCHOOL BOARD	LYME ST	OLD LYME	CT	06371	Well	No
57-59-1	ELIZABETH LANE	2772	TURTLE FIELDS HOMEOWNERS ASSOC INC	60 LYME ST	OLD LYME	CT	06371	Well	Yes

Notes:

1. TNC: Transient Non-Community Public Water System (Department of Public Health: Public Water Systems List - July, 2022);
2. NTNC: Non-Transient Non-Community Public Water System (Department of Public Health: Public Water Systems List - July, 2022);
3. No: Structure is located on property;
4. Yes: No structure is present or undeveloped land

Attachments

80 Lupes Drive
Stratford, CT 06615

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

Client: Ms. Sally Kropp
Kropp Environmental Contractors, Inc.
P.O. Box 258
Lebanon, CT 06249

Analytical Report

CET# 2080139

Report Date:August 10, 2022
Project: Old Lyme Region 18 School, 49 Lyme St
Project Number: 22(S)216

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 4.0°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
S-13	2080139-01	Soil	8/03/2022 9:50	08/04/2022

Analyte: Percent Solids [SM 2540 G]

Analyst: KOR

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
2080139-01	S-13	85	1.0	%	1	B2H0516	08/05/2022	08/05/2022 14:50	

Client Sample ID S-13

Lab ID: 2080139-01

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	**16000**	120	2	EPA 3550C	B2H0701	08/07/2022	08/08/2022 11:51	2
Surrogate: Octacosane	*96.5 %*	*50 - 150*			B2H0701	08/07/2022	*08/08/2022 11:51*	

2 C9-C28 Fuel Oil Range

CET # : 2080139
Project: Old Lyme Region 18 School, 49 Lyme St
Project Number: 22(S)216

QUALITY CONTROL SECTION

Batch B2H0701 - CT-ETPH

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2H0701-BLK1)					Prepared: 8/7/22 Analyzed: 8/7/22				
ETPH	ND	50							
Surrogate: Octacosane					*93.7*	*50 - 150*			
LCS (B2H0701-BS1)					Prepared: 8/7/22 Analyzed: 8/7/22				
ETPH	1140	50	1,500.000		76.1	60 - 120			
Surrogate: Octacosane					*96.6*	*50 - 150*			

CET # : 2080139
Project: Old Lyme Region 18 School, 49 Lyme St
Project Number: 22(S)216

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

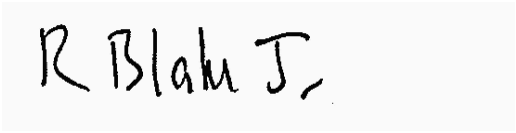
New York NELAP Accreditation 11982
Rhode Island Certification 199

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.

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CT-ETPH in Soil	
ETPH	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

2080139

CHAIN OF CUSTODY

COMPLETE ENVIRONMENTAL TESTING, INC.

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)

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-13	8/3/22 9:50am	S					X				X															1	
PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)											C																
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)											G																

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

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Justin O'Leary	8/3/22	8/4/22 0910
	8/4/22 1530	8/4/22 1530

NOTES:

Client / Reporting Information

Company Name: Kropp Environmental
Address: P.O. Box 258
City: Lebanon State: CT Zip: 06249
Report To: Sally Kropp E-mail: sally@kroppenvironmental.com
Phone #: 860-642-9952 Fax #:

Project Information

Project: Old Lyme Region 18 School PO #:
Location: 49 Lyme St, Old Lyme Project #: 22(S)216
CET Quote #: Collector(s): PC, AP

QA/QC: ☒ Std ☐ Site Specific (MS/MSD) * ☐ RCP Pkg * ☐ DQAW *
Data Report: ☒ PDF ☐ EDD - Specify Format Other
RSR Reporting Limits (check one): ☒ GA ☐ GB ☐ SWP ☐ Other
Laboratory Certification Needed (check one): ☒ CT ☐ NY ☐ RI ☐ MA ☐ PA
Temp Upon Receipt 4 °C Evidence of Cooling: Y N
PAGE OF

*** 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: Ms. Sally Kropp
Kropp Environmental Contractors, Inc.
P.O. Box 258
Lebanon, CT 06249

Analytical Report

CET# 2080243

Report Date:August 15, 2022
Project: Old Lyme Region 18 School, 49 Lyme St
Project Number: 22(S)216

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 4.0°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
S-6	2080243-01	Soil	8/05/2022 10:42	08/09/2022

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
2080243-01	S-6	90	1.0	%	1	B2H1001	08/10/2022	08/10/2022 16:10	

Client Sample ID S-6

Lab ID: 2080243-01

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	**21000**	270	5	EPA 3550C	B2H1121	08/11/2022	08/12/2022 19:07	2
Surrogate: Octacosane	*105 %*	*50 - 150*			B2H1121	08/11/2022	*08/12/2022 19:07*	

2 C9-C28 Fuel Oil Range

CET # : 2080243
Project: Old Lyme Region 18 School, 49 Lyme St
Project Number: 22(S)216

QUALITY CONTROL SECTION

Batch B2H1121 - CT-ETPH

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2H1121-BLK1)					Prepared: 8/11/22 Analyzed: 8/12/22				
ETPH	ND	50							
Surrogate: Octacosane					*101*	*50 - 150*			
LCS (B2H1121-BS1)					Prepared: 8/11/22 Analyzed: 8/12/22				
ETPH	1440	50	1,500.000		96.3	60 - 120			
Surrogate: Octacosane					*98.4*	*50 - 150*			

CET # : 2080243
Project: Old Lyme Region 18 School, 49 Lyme St
Project Number: 22(S)216

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

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

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.

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CT-ETPH in Soil	
ETPH	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

2080243

CHAIN OF CUSTODY

COMPLETE ENVIRONMENTAL TESTING, INC.

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): 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	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	TOTAL # OF CONT.	NOTE #
S-6	8/5/22 10:42	S					X				X					1	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other): C
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other): G — 1
Soil VOCs Only (M=MeOH B=Sodium Bisulfate W=Water F=Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Paul W. Martell	8/9/22 0840	
	8/8/22 14:20	08/09/22 14:20

NOTES:

Client / Reporting Information

Company Name: Kropp Environmental
Address: P.O. Box 258
City: Lebanon State: CT Zip: 06249
Report To: Sally Kropp E-mail: Sally@Kroppenvironmental.com
Phone # Fax #

Project Information

Project: Old Lyme Schools PO #:
Location: 49 Lyme St, Old Lyme, CT Project #: 22(5)216
CET Quote # Collector(s): Pam

QA/QC: ☒ Std ☐ Site Specific (MS/MSD) * ☐ RCP Pkg * ☐ DQAW *
Data Report: ☒ PDF ☐ EDD - Specify Format Other
RSR Reporting Limits (check one): ☒ GA ☐ GB ☐ SWP ☐ Other
Laboratory Certification Needed (check one): ☒ CT ☐ NY ☐ RI ☐ MA ☐ PA
Temp Upon Receipt: 4 °C Evidence of Cooling: ☒ 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: Ms. Sally Kropp
Kropp Environmental Contractors, Inc.
P.O. Box 258
Lebanon, CT 06249

Analytical Report

CET# 2080244

Report Date:August 15, 2022
Project: Old Lyme Region 18 School, 49 Lyme St
Project Number: 22(S)216

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 4.0°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
S-16	2080244-01	Soil	8/08/2022 11:00	08/09/2022
S-17	2080244-02	Soil	8/08/2022 12:40	08/09/2022

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
2080244-01	S-16	99	1.0	%	1	B2H1001	08/10/2022	08/10/2022 16:10	
2080244-02	S-17	89	1.0	%	1	B2H1001	08/10/2022	08/10/2022 16:10	

Client Sample ID S-16

Lab ID: 2080244-01

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	**15000**	250	5	EPA 3550C	B2H1121	08/11/2022	08/12/2022 19:28	2
Surrogate: Octacosane	*105 %*	*50 - 150*			B2H1121	08/11/2022	*08/12/2022 19:28*	

2 C9-C28 Fuel Oil Range

CET # : 2080244
Project: Old Lyme Region 18 School, 49 Lyme St
Project Number: 22(S)216

Client Sample ID S-17

Lab ID: 2080244-02

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	**3300**	56	1	EPA 3550C	B2H1121	08/11/2022	08/12/2022 06:36	2
Surrogate: Octacosane	*103 %*		*50 - 150*		B2H1121	08/11/2022	*08/12/2022 06:36*	

2 C9-C28 Fuel Oil Range

CET # : 2080244
Project: Old Lyme Region 18 School, 49 Lyme St
Project Number: 22(S)216

QUALITY CONTROL SECTION

Batch B2H1121 - CT-ETPH

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2H1121-BLK1)					Prepared: 8/11/22 Analyzed: 8/12/22				
ETPH	ND	50							
Surrogate: Octacosane					*101*	*50 - 150*			
LCS (B2H1121-BS1)					Prepared: 8/11/22 Analyzed: 8/12/22				
ETPH	1440	50	1,500.000		96.3	60 - 120			
Surrogate: Octacosane					*98.4*	*50 - 150*			

CET # : 2080244
Project: Old Lyme Region 18 School, 49 Lyme St
Project Number: 22(S)216

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

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

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.
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*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.

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CT-ETPH in Soil	
ETPH	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

2080244

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): 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	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	8 RCRA	13 Priority Poll	15 CT DEP	Total	SPLP	TCLP	Dissolved	Field Filtered	Lab to Filter	Additional Analysis	TOTAL # OF CONT.	NOTE #
S-16	8/8/22 11:00	S					X				X															1	
S-17	8/8/22 12:40	S					X				X															1	

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

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other): G — 2

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

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Paul W. Martell	8/9/22 0840	
	8/9/22 14:20	08/09/22 14:20

NOTES:

Client / Reporting Information

Company Name: Kropp Environmental

Address: P.O. Box 258

City: Lebanon State: CT Zip: 06249

Report To: Sally Kropp E-mail: Sally@Kroppenvironmental.com

Phone # Fax #

Project Information

Project: Old Lyme Schools PO #:

Location: 49 Lyme St, Old Lyme, CT Project #: 22(5) 216

CET Quote # Collector(s): Paul

QA/QC: ☒ Std ☐ Site Specific (MS/MSD) * ☐ RCP Pkg * ☐ DQAW *

Data Report: ☒ PDF ☐ EDD - Specify Format Other

RSR Reporting Limits (check one): ☒ GA ☐ GB ☐ SWP ☐ Other

Laboratory Certification Needed (check one): ☒ CT ☐ NY ☐ RI ☐ MA ☐ PA

Temp Upon Receipt: 4 °C Evidence of Cooling: ice 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: Ms. Sally Kropp
Kropp Environmental Contractors, Inc.
P.O. Box 258
Lebanon, CT 06249

Analytical Report

CET# 2080499

Report Date:August 23, 2022
Project: Old Lyme Region 18 School, 49 Lyme St
Project Number: 22(S)216

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 5.0°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
S-77	2080499-01	Soil	8/17/2022 11:55	08/18/2022
S-80	2080499-02	Soil	8/17/2022 12:10	08/18/2022

Analyte: Percent Solids [SM 2540 G]

Analyst: ACS

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
2080499-01	S-77	97	1.0	%	1	B2H2304	08/23/2022	08/23/2022 12:03	
2080499-02	S-80	94	1.0	%	1	B2H2304	08/23/2022	08/23/2022 12:03	

Client Sample ID S-77

Lab ID: 2080499-01

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	52	1	EPA 3550C	B2H2102	08/21/2022	08/21/2022 16:43	
Surrogate: Octacosane	*97.7 %*	*50 - 150*			B2H2102	08/21/2022	*08/21/2022 16:43*	

Semivolatile Organics **Analyst: TWF**

Method: EPA 8270D **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	100	1	EPA 3545A	B2H2201	08/22/2022	08/22/2022 20:07	
2-Methyl Naphthalene	ND	210	1	EPA 3545A	B2H2201	08/22/2022	08/22/2022 20:07	
Acenaphthylene	ND	100	1	EPA 3545A	B2H2201	08/22/2022	08/22/2022 20:07	
Acenaphthene	ND	100	1	EPA 3545A	B2H2201	08/22/2022	08/22/2022 20:07	
Fluorene	ND	100	1	EPA 3545A	B2H2201	08/22/2022	08/22/2022 20:07	
Phenanthrene	ND	100	1	EPA 3545A	B2H2201	08/22/2022	08/22/2022 20:07	
Anthracene	ND	100	1	EPA 3545A	B2H2201	08/22/2022	08/22/2022 20:07	
Fluoranthene	ND	100	1	EPA 3545A	B2H2201	08/22/2022	08/22/2022 20:07	
Pyrene	ND	100	1	EPA 3545A	B2H2201	08/22/2022	08/22/2022 20:07	
Benzo[a]anthracene	ND	100	1	EPA 3545A	B2H2201	08/22/2022	08/22/2022 20:07	
Chrysene	ND	100	1	EPA 3545A	B2H2201	08/22/2022	08/22/2022 20:07	
Benzo[b]fluoranthene	ND	100	1	EPA 3545A	B2H2201	08/22/2022	08/22/2022 20:07	
Benzo[k]fluoranthene	ND	100	1	EPA 3545A	B2H2201	08/22/2022	08/22/2022 20:07	
Benzo[a]pyrene	ND	100	1	EPA 3545A	B2H2201	08/22/2022	08/22/2022 20:07	
Indeno[1,2,3-cd]pyrene	ND	100	1	EPA 3545A	B2H2201	08/22/2022	08/22/2022 20:07	
Dibenz[a,h]anthracene	ND	100	1	EPA 3545A	B2H2201	08/22/2022	08/22/2022 20:07	
Benzo[g,h,i]perylene	ND	100	1	EPA 3545A	B2H2201	08/22/2022	08/22/2022 20:07	
Surrogate: Nitrobenzene-d5	*58.5 %*	*30 - 130*			B2H2201	08/22/2022	*08/22/2022 20:07*	
Surrogate: 2-Fluorobiphenyl	*80.6 %*	*30 - 130*			B2H2201	08/22/2022	*08/22/2022 20:07*	
Surrogate: Terphenyl-d14	*104 %*	*30 - 130*			B2H2201	08/22/2022	*08/22/2022 20:07*	

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
Dichlorodifluoromethane	ND	9.1	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	

Client Sample ID S-77

Lab ID: 2080499-01

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
Chloromethane	ND	6.1	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
Vinyl Chloride	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
Bromomethane	ND	6.1	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
Chloroethane	ND	6.1	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
Trichlorofluoromethane	ND	24	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
Acetone	ND	91	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	*C2*I
Acrylonitrile	ND	4.9	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
Trichlorotrifluoroethane	ND	24	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
1,1-Dichloroethene	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
Methylene Chloride	ND	37	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	*C2
Carbon Disulfide	ND	6.1	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
Methyl-t-Butyl Ether (MTBE)	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
trans-1,2-Dichloroethene	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
1,1-Dichloroethane	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
2-Butanone (MEK)	ND	15	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	*C2
2,2-Dichloropropane	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
cis-1,2-Dichloroethene	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
Bromochloromethane	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
Chloroform	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
Tetrahydrofuran	ND	15	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
1,1,1-Trichloroethane	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
Carbon Tetrachloride	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
1,1-Dichloropropene	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
Benzene	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
1,2-Dichloroethane	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
Trichloroethene	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
1,2-Dichloropropane	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
Dibromomethane	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
Bromodichloromethane	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
Methyl Isobutyl Ketone	ND	15	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
cis-1,3-Dichloropropene	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
Toluene	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
trans-1,3-Dichloropropene	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
2-Hexanone	ND	15	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
1,1,2-Trichloroethane	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
Tetrachloroethene	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
1,3-Dichloropropane	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	

Client Sample ID S-77

Lab ID: 2080499-01

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
Dibromochloromethane	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
1,2-Dibromoethane	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
trans-1,4-Dichloro-2-Butene	ND	15	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	*I
Chlorobenzene	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
1,1,1,2-Tetrachloroethane	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
Ethylbenzene	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
m+p Xylenes	ND	6.1	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
o-Xylene	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
Styrene	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
Bromoform	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
Isopropylbenzene	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
1,1,2,2-Tetrachloroethane	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
Bromobenzene	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
1,2,3-Trichloropropane	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
n-Propylbenzene	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
2-Chlorotoluene	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
4-Chlorotoluene	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
1,3,5-Trimethylbenzene	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
tert-Butylbenzene	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
1,2,4-Trimethylbenzene	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
sec-Butylbenzene	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
1,3-Dichlorobenzene	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
4-Isopropyltoluene	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
1,4-Dichlorobenzene	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
1,2-Dichlorobenzene	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
n-Butylbenzene	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
1,2-Dibromo-3-Chloropropane	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
1,2,4-Trichlorobenzene	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
Hexachlorobutadiene	ND	3.0	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
Naphthalene	ND	6.1	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
1,2,3-Trichlorobenzene	ND	6.1	1.18	EPA 5035A-L	B2H2111	08/21/2022	08/21/2022 23:30	
Surrogate: 1,2-Dichloroethane-d4	*109 %*		*70 - 130*		B2H2111	08/21/2022	*08/21/2022 23:30*	
Surrogate: Toluene-d8	*100 %*		*70 - 130*		B2H2111	08/21/2022	*08/21/2022 23:30*	
Surrogate: 4-Bromofluorobenzene	*99.2 %*		*70 - 130*		B2H2111	08/21/2022	*08/21/2022 23:30*	

Client Sample ID S-80

Lab ID: 2080499-02

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	**16000**	110	2	EPA 3550C	B2H2102	08/21/2022	08/22/2022 15:20	2
Surrogate: Octacosane	*105 %*		*50 - 150*		B2H2102	08/21/2022	*08/22/2022 15:20*	

2 C9-C28 Fuel Oil Range

Semivolatile Organics **Analyst: TWF**

Method: EPA 8270D **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	110	1	EPA 3545A	B2H2201	08/22/2022	08/22/2022 20:33	
2-Methyl Naphthalene	**6300**	210	1	EPA 3545A	B2H2201	08/22/2022	08/22/2022 20:33	
Acenaphthylene	ND	110	1	EPA 3545A	B2H2201	08/22/2022	08/22/2022 20:33	
Acenaphthene	ND	110	1	EPA 3545A	B2H2201	08/22/2022	08/22/2022 20:33	
Fluorene	ND	110	1	EPA 3545A	B2H2201	08/22/2022	08/22/2022 20:33	
Phenanthrene	**1300**	110	1	EPA 3545A	B2H2201	08/22/2022	08/22/2022 20:33	
Anthracene	**440**	110	1	EPA 3545A	B2H2201	08/22/2022	08/22/2022 20:33	
Fluoranthene	ND	110	1	EPA 3545A	B2H2201	08/22/2022	08/22/2022 20:33	
Pyrene	**360**	110	1	EPA 3545A	B2H2201	08/22/2022	08/22/2022 20:33	
Benzo[a]anthracene	ND	110	1	EPA 3545A	B2H2201	08/22/2022	08/22/2022 20:33	
Chrysene	ND	110	1	EPA 3545A	B2H2201	08/22/2022	08/22/2022 20:33	
Benzo[b]fluoranthene	ND	110	1	EPA 3545A	B2H2201	08/22/2022	08/22/2022 20:33	
Benzo[k]fluoranthene	ND	110	1	EPA 3545A	B2H2201	08/22/2022	08/22/2022 20:33	
Benzo[a]pyrene	ND	110	1	EPA 3545A	B2H2201	08/22/2022	08/22/2022 20:33	
Indeno[1,2,3-cd]pyrene	ND	110	1	EPA 3545A	B2H2201	08/22/2022	08/22/2022 20:33	
Dibenz[a,h]anthracene	ND	110	1	EPA 3545A	B2H2201	08/22/2022	08/22/2022 20:33	
Benzo[g,h,i]perylene	ND	110	1	EPA 3545A	B2H2201	08/22/2022	08/22/2022 20:33	
Surrogate: Nitrobenzene-d5	*52.8 %*		*30 - 130*		B2H2201	08/22/2022	*08/22/2022 20:33*	
Surrogate: 2-Fluorobiphenyl	*80.1 %*		*30 - 130*		B2H2201	08/22/2022	*08/22/2022 20:33*	
Surrogate: Terphenyl-d14	*95.0 %*		*30 - 130*		B2H2201	08/22/2022	*08/22/2022 20:33*	

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	2100	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	*C1

Client Sample ID S-80

Lab ID: 2080499-02

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
Chloromethane	ND	1400	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	*C1
Vinyl Chloride	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
Bromomethane	ND	1400	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
Chloroethane	ND	1400	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
Trichlorofluoromethane	ND	5700	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
Acetone	ND	21000	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	*C2*I
Acrylonitrile	ND	1100	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
Trichlorotrifluoroethane	ND	5700	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
1,1-Dichloroethene	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
Methylene Chloride	ND	8500	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	*F1*C1
Carbon Disulfide	ND	1400	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
Methyl-t-Butyl Ether (MTBE)	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
trans-1,2-Dichloroethene	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
1,1-Dichloroethane	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
2-Butanone (MEK)	ND	3500	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	*C2
2,2-Dichloropropane	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
cis-1,2-Dichloroethene	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
Bromochloromethane	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
Chloroform	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
Tetrahydrofuran	ND	3500	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	*C2
1,1,1-Trichloroethane	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
Carbon Tetrachloride	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
1,1-Dichloropropene	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
Benzene	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
1,2-Dichloroethane	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
Trichloroethene	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
1,2-Dichloropropane	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
Dibromomethane	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
Bromodichloromethane	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
Methyl Isobutyl Ketone	ND	3500	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
cis-1,3-Dichloropropene	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
Toluene	**1300**	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
trans-1,3-Dichloropropene	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
2-Hexanone	ND	3500	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
1,1,2-Trichloroethane	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
Tetrachloroethene	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
1,3-Dichloropropane	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	

Client Sample ID S-80

Lab ID: 2080499-02

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
Dibromochloromethane	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
1,2-Dibromoethane	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
trans-1,4-Dichloro-2-Butene	ND	3500	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	*C2*I
Chlorobenzene	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
1,1,1,2-Tetrachloroethane	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
Ethylbenzene	**4400**	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
m+p Xylenes	**16000**	1400	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
o-Xylene	**9300**	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
Styrene	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
Bromoform	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
Isopropylbenzene	**2600**	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
1,1,2,2-Tetrachloroethane	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
Bromobenzene	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
1,2,3-Trichloropropane	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
n-Propylbenzene	**7600**	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
2-Chlorotoluene	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
4-Chlorotoluene	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
1,3,5-Trimethylbenzene	**14000**	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
tert-Butylbenzene	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
1,2,4-Trimethylbenzene	**47000**	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
sec-Butylbenzene	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
1,3-Dichlorobenzene	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
4-Isopropyltoluene	**2400**	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
1,4-Dichlorobenzene	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
1,2-Dichlorobenzene	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
n-Butylbenzene	**7000**	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
1,2-Dibromo-3-Chloropropane	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
1,2,4-Trichlorobenzene	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
Hexachlorobutadiene	ND	710	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
Naphthalene	ND	1400	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
1,2,3-Trichlorobenzene	ND	1400	265.6	EPA 5035A-H	B2H2244	08/22/2022	08/22/2022 18:35	
Surrogate: 1,2-Dichloroethane-d4	*102 %*		*70 - 130*		B2H2244	08/22/2022	*08/22/2022 18:35*	
Surrogate: Toluene-d8	*102 %*		*70 - 130*		B2H2244	08/22/2022	*08/22/2022 18:35*	
Surrogate: 4-Bromofluorobenzene	*99.4 %*		*70 - 130*		B2H2244	08/22/2022	*08/22/2022 18:35*	

QUALITY CONTROL SECTION

Batch B2H2102 - CT-ETPH

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2H2102-BLK1)					Prepared: 8/21/22 Analyzed: 8/21/22				
ETPH	ND	50							
Surrogate: Octacosane					*92.8*	*50 - 150*			
LCS (B2H2102-BS1)					Prepared: 8/21/22 Analyzed: 8/21/22				
ETPH	1100	50	1,500.000		73.6	60 - 120			
Surrogate: Octacosane					*94.8*	*50 - 150*			

Batch B2H2111 - EPA 8260C

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2H2111-BLK1)					Prepared: 8/19/22 Analyzed: 8/19/22				
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 (B2H2111-BLK1) - Continued					Prepared: 8/19/22 Analyzed: 8/19/22				
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					*106*	*70 - 130*			
Surrogate: Toluene-d8					*102*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*99.6*	*70 - 130*			
LCS (B2H2111-BS1)					Prepared: 8/19/22 Analyzed: 8/19/22				
Dichlorodifluoromethane	41.6	7.5	50.000		83.1	70 - 130			
Chloromethane	48.3	5.0	50.000		96.6	70 - 130			
Vinyl Chloride	50.0	2.5	50.000		100	70 - 130			
Bromomethane	52.5	5.0	50.000		105	70 - 130			
Chloroethane	50.9	5.0	50.000		102	70 - 130			
Trichlorofluoromethane	51.3	20	50.000		103	70 - 130			
Acetone	115	75	100.000		115	70 - 130			
Acrylonitrile	56.4	4.0	50.000		113	70 - 130			
Trichlorotrifluoroethane	44.0	20	50.000		87.9	70 - 130			
1,1-Dichloroethene	43.5	2.5	50.000		87.0	70 - 130			
Methylene Chloride	43.4	30	50.000		86.8	70 - 130			
Carbon Disulfide	41.6	5.0	50.000		83.3	70 - 130			
Methyl-t-Butyl Ether (MTBE)	53.8	2.5	50.000		108	70 - 130			
trans-1,2-Dichloroethene	46.1	2.5	50.000		92.2	70 - 130			
1,1-Dichloroethane	48.7	2.5	50.000		97.3	70 - 130			
2-Butanone (MEK)	123	13	100.000		123	70 - 130			
2,2-Dichloropropane	45.6	2.5	50.000		91.2	70 - 130			
cis-1,2-Dichloroethene	49.4	2.5	50.000		98.8	70 - 130			
Bromochloromethane	51.7	2.5	50.000		103	70 - 130			
Chloroform	52.0	2.5	50.000		104	70 - 130			
Tetrahydrofuran	55.1	13	50.000		110	70 - 130			
1,1,1-Trichloroethane	48.4	2.5	50.000		96.8	70 - 130			
Carbon Tetrachloride	49.1	2.5	50.000		98.2	70 - 130			
1,1-Dichloropropene	46.9	2.5	50.000		93.9	70 - 130			
Benzene	47.3	2.5	50.000		94.6	70 - 130			
1,2-Dichloroethane	50.7	2.5	50.000		101	70 - 130			
Trichloroethene	46.3	2.5	50.000		92.6	70 - 130			
1,2-Dichloropropane	51.9	2.5	50.000		104	70 - 130			
Dibromomethane	52.5	2.5	50.000		105	70 - 130			
Bromodichloromethane	54.7	2.5	50.000		109	70 - 130			
Methyl Isobutyl Ketone	123	13	100.000		123	70 - 130			

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B2H2111-BS1) - Continued					Prepared: 8/19/22 Analyzed: 8/19/22				
cis-1,3-Dichloropropene	55.9	2.5	50.000		112	70 - 130			
Toluene	47.4	2.5	50.000		94.9	70 - 130			
trans-1,3-Dichloropropene	58.6	2.5	50.000		117	70 - 130			
2-Hexanone	125	13	100.000		125	70 - 130			
1,1,2-Trichloroethane	54.4	2.5	50.000		109	70 - 130			
Tetrachloroethene	46.9	2.5	50.000		93.8	70 - 130			
1,3-Dichloropropane	53.9	2.5	50.000		108	70 - 130			
Dibromochloromethane	57.6	2.5	50.000		115	70 - 130			
1,2-Dibromoethane	54.3	2.5	50.000		109	70 - 130			
trans-1,4-Dichloro-2-Butene	58.4	13	50.000		117	70 - 130			
Chlorobenzene	48.3	2.5	50.000		96.5	70 - 130			
1,1,1,2-Tetrachloroethane	51.8	2.5	50.000		104	70 - 130			
Ethylbenzene	47.7	2.5	50.000		95.5	70 - 130			
m+p Xylenes	97.3	5.0	100.000		97.3	70 - 130			
o-Xylene	50.4	2.5	50.000		101	70 - 130			
Styrene	53.5	2.5	50.000		107	70 - 130			
Bromoform	50.0	2.5	50.000		100	70 - 130			
Isopropylbenzene	50.0	2.5	50.000		99.9	70 - 130			
1,1,2,2-Tetrachloroethane	55.1	2.5	50.000		110	70 - 130			
Bromobenzene	49.5	2.5	50.000		99.0	70 - 130			
1,2,3-Trichloropropane	54.5	2.5	50.000		109	70 - 130			
n-Propylbenzene	48.6	2.5	50.000		97.2	70 - 130			
2-Chlorotoluene	48.7	2.5	50.000		97.4	70 - 130			
4-Chlorotoluene	49.0	2.5	50.000		98.0	70 - 130			
1,3,5-Trimethylbenzene	49.6	2.5	50.000		99.2	70 - 130			
tert-Butylbenzene	49.6	2.5	50.000		99.2	70 - 130			
1,2,4-Trimethylbenzene	49.9	2.5	50.000		99.9	70 - 130			
sec-Butylbenzene	49.8	2.5	50.000		99.6	70 - 130			
1,3-Dichlorobenzene	48.5	2.5	50.000		97.0	70 - 130			
4-Isopropyltoluene	50.5	2.5	50.000		101	70 - 130			
1,4-Dichlorobenzene	48.3	2.5	50.000		96.7	70 - 130			
1,2-Dichlorobenzene	49.6	2.5	50.000		99.3	70 - 130			
n-Butylbenzene	51.0	2.5	50.000		102	70 - 130			
1,2-Dibromo-3-Chloropropane	49.7	2.5	50.000		99.3	70 - 130			
1,2,4-Trichlorobenzene	50.6	2.5	50.000		101	70 - 130			
Hexachlorobutadiene	50.7	2.5	50.000		101	70 - 130			
Naphthalene	54.6	5.0	50.000		109	70 - 130			
1,2,3-Trichlorobenzene	51.2	5.0	50.000		102	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*105*	*70 - 130*			
Surrogate: Toluene-d8					*102*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*103*	*70 - 130*			

Batch B2H2201 - EPA 8270D

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2H2201-BLK1)					Prepared: 8/22/22 Analyzed: 8/22/22				
Naphthalene	ND	100							
2-Methyl Naphthalene	ND	200							
Acenaphthylene	ND	100							
Acenaphthene	ND	100							
Fluorene	ND	100							
Phenanthrene	ND	100							
Anthracene	ND	100							
Fluoranthene	ND	100							
Pyrene	ND	100							
Benzo[a]anthracene	ND	100							
Chrysene	ND	100							
Benzo[b]fluoranthene	ND	100							
Benzo[k]fluoranthene	ND	100							
Benzo[a]pyrene	ND	100							
Indeno[1,2,3-cd]pyrene	ND	100							
Dibenz[a,h]anthracene	ND	100							
Benzo[g,h,i]perylene	ND	100							
Surrogate: Nitrobenzene-d5					*44.4*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*49.1*	*30 - 130*			
Surrogate: Terphenyl-d14					*56.8*	*30 - 130*			
LCS (B2H2201-BS1)					Prepared: 8/22/22 Analyzed: 8/22/22				
Naphthalene	2680	100	4,000.000		66.9	40 - 140			
2-Methyl Naphthalene	2770	200	4,000.000		69.4	40 - 140			
Acenaphthylene	2730	100	4,000.000		68.3	40 - 140			
Acenaphthene	2840	100	4,000.000		71.0	40 - 140			
Fluorene	3020	100	4,000.000		75.5	40 - 140			
Phenanthrene	2990	100	4,000.000		74.8	40 - 140			
Anthracene	3080	100	4,000.000		77.0	40 - 140			
Fluoranthene	3310	100	4,000.000		82.7	40 - 140			
Pyrene	3340	100	4,000.000		83.6	40 - 140			
Benzo[a]anthracene	2950	100	4,000.000		73.8	40 - 140			
Chrysene	3060	100	4,000.000		76.4	40 - 140			
Benzo[b]fluoranthene	2940	100	4,000.000		73.5	40 - 140			
Benzo[k]fluoranthene	2930	100	4,000.000		73.1	40 - 140			
Benzo[a]pyrene	3080	100	4,000.000		77.1	40 - 140			
Indeno[1,2,3-cd]pyrene	2800	100	4,000.000		70.0	40 - 140			
Dibenz[a,h]anthracene	2850	100	4,000.000		71.2	40 - 140			
Benzo[g,h,i]perylene	2570	100	4,000.000		64.2	40 - 140			
Surrogate: Nitrobenzene-d5					*72.4*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*74.1*	*30 - 130*			
Surrogate: Terphenyl-d14					*89.3*	*30 - 130*			

Batch B2H2244 - EPA 8260C

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2H2244-BLK1)					Prepared: 8/22/22 Analyzed: 8/22/22				
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 (B2H2244-BLK1) - Continued					Prepared: 8/22/22 Analyzed: 8/22/22				
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					*99.9*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*99.7*	*70 - 130*			
LCS (B2H2244-BS1)					Prepared: 8/22/22 Analyzed: 8/22/22				
Dichlorodifluoromethane	45.6	7.5	50.000		91.1	70 - 130			
Chloromethane	48.0	5.0	50.000		96.1	70 - 130			
Vinyl Chloride	52.8	2.5	50.000		106	70 - 130			
Bromomethane	53.1	5.0	50.000		106	70 - 130			
Chloroethane	50.5	5.0	50.000		101	70 - 130			
Trichlorofluoromethane	53.4	20	50.000		107	70 - 130			
Acetone	124	75	100.000		124	70 - 130			
Acrylonitrile	51.4	4.0	50.000		103	70 - 130			
Trichlorotrifluoroethane	42.6	20	50.000		85.2	70 - 130			
1,1-Dichloroethene	41.6	2.5	50.000		83.2	70 - 130			
Methylene Chloride	28.4	30	50.000		**56.8**	70 - 130			**L**
Carbon Disulfide	38.4	5.0	50.000		76.7	70 - 130			
Methyl-t-Butyl Ether (MTBE)	46.6	2.5	50.000		93.2	70 - 130			
trans-1,2-Dichloroethene	41.6	2.5	50.000		83.2	70 - 130			
1,1-Dichloroethane	42.4	2.5	50.000		84.7	70 - 130			
2-Butanone (MEK)	109	13	100.000		109	70 - 130			
2,2-Dichloropropane	45.1	2.5	50.000		90.1	70 - 130			
cis-1,2-Dichloroethene	42.7	2.5	50.000		85.3	70 - 130			
Bromochloromethane	44.9	2.5	50.000		89.8	70 - 130			
Chloroform	44.4	2.5	50.000		88.8	70 - 130			
Tetrahydrofuran	51.8	13	50.000		104	70 - 130			
1,1,1-Trichloroethane	45.3	2.5	50.000		90.5	70 - 130			
Carbon Tetrachloride	45.5	2.5	50.000		90.9	70 - 130			
1,1-Dichloropropene	44.5	2.5	50.000		88.9	70 - 130			
Benzene	43.0	2.5	50.000		86.0	70 - 130			
1,2-Dichloroethane	45.8	2.5	50.000		91.6	70 - 130			
Trichloroethene	42.4	2.5	50.000		84.8	70 - 130			
1,2-Dichloropropane	45.6	2.5	50.000		91.2	70 - 130			
Dibromomethane	47.9	2.5	50.000		95.9	70 - 130			
Bromodichloromethane	47.3	2.5	50.000		94.6	70 - 130			
Methyl Isobutyl Ketone	111	13	100.000		111	70 - 130			

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B2H2244-BS1) - Continued					Prepared: 8/22/22 Analyzed: 8/22/22				
cis-1,3-Dichloropropene	49.7	2.5	50.000		99.3	70 - 130			
Toluene	42.5	2.5	50.000		85.1	70 - 130			
trans-1,3-Dichloropropene	52.5	2.5	50.000		105	70 - 130			
2-Hexanone	114	13	100.000		114	70 - 130			
1,1,2-Trichloroethane	48.6	2.5	50.000		97.2	70 - 130			
Tetrachloroethene	43.3	2.5	50.000		86.6	70 - 130			
1,3-Dichloropropane	48.6	2.5	50.000		97.3	70 - 130			
Dibromochloromethane	50.3	2.5	50.000		101	70 - 130			
1,2-Dibromoethane	49.3	2.5	50.000		98.5	70 - 130			
trans-1,4-Dichloro-2-Butene	54.4	13	50.000		109	70 - 130			
Chlorobenzene	42.4	2.5	50.000		84.8	70 - 130			
1,1,1,2-Tetrachloroethane	44.3	2.5	50.000		88.7	70 - 130			
Ethylbenzene	42.6	2.5	50.000		85.1	70 - 130			
m+p Xylenes	86.9	5.0	100.000		86.9	70 - 130			
o-Xylene	44.0	2.5	50.000		88.0	70 - 130			
Styrene	46.6	2.5	50.000		93.2	70 - 130			
Bromoform	44.4	2.5	50.000		88.9	70 - 130			
Isopropylbenzene	44.9	2.5	50.000		89.8	70 - 130			
1,1,2,2-Tetrachloroethane	49.8	2.5	50.000		99.6	70 - 130			
Bromobenzene	44.2	2.5	50.000		88.4	70 - 130			
1,2,3-Trichloropropane	50.6	2.5	50.000		101	70 - 130			
n-Propylbenzene	44.8	2.5	50.000		89.6	70 - 130			
2-Chlorotoluene	43.6	2.5	50.000		87.1	70 - 130			
4-Chlorotoluene	43.8	2.5	50.000		87.7	70 - 130			
1,3,5-Trimethylbenzene	44.8	2.5	50.000		89.5	70 - 130			
tert-Butylbenzene	45.7	2.5	50.000		91.4	70 - 130			
1,2,4-Trimethylbenzene	44.7	2.5	50.000		89.4	70 - 130			
sec-Butylbenzene	46.9	2.5	50.000		93.7	70 - 130			
1,3-Dichlorobenzene	43.2	2.5	50.000		86.4	70 - 130			
4-Isopropyltoluene	46.9	2.5	50.000		93.7	70 - 130			
1,4-Dichlorobenzene	43.2	2.5	50.000		86.4	70 - 130			
1,2-Dichlorobenzene	44.2	2.5	50.000		88.3	70 - 130			
n-Butylbenzene	48.2	2.5	50.000		96.3	70 - 130			
1,2-Dibromo-3-Chloropropane	45.4	2.5	50.000		90.8	70 - 130			
1,2,4-Trichlorobenzene	45.7	2.5	50.000		91.4	70 - 130			
Hexachlorobutadiene	48.0	2.5	50.000		96.0	70 - 130			
Naphthalene	50.3	5.0	50.000		101	70 - 130			
1,2,3-Trichlorobenzene	46.0	5.0	50.000		92.0	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*99.8*	*70 - 130*			
Surrogate: Toluene-d8					*102*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*101*	*70 - 130*			

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

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

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.

CERTIFICATIONS

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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 8260C in Soil	
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
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
EPA 8270D in Soil	
Naphthalene	CT,NY,PA
2-Methyl Naphthalene	CT,NY,PA
Acenaphthylene	CT,NY,PA
Acenaphthene	CT,NY,PA
Fluorene	CT,NY,PA
Phenanthrene	CT,NY,PA
Anthracene	CT,NY,PA
Fluoranthene	CT,NY,PA
Pyrene	CT,NY,PA
Benzo[a]anthracene	CT,NY,PA
Chrysene	CT,NY,PA
Benzo[b]fluoranthene	CT,NY,PA
Benzo[k]fluoranthene	CT,NY,PA
Benzo[a]pyrene	CT,NY,PA
Indeno[1,2,3-cd]pyrene	CT,NY,PA
Dibenz[a,h]anthracene	CT,NY,PA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 8270D in Soil	
Benzo[g,h,i]perylene	CT,NY,PA
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

2080499

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY

Volatile Soils Only:

Date and Time in Freezer

Client:

CET: 08/18/22 16:05

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

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 PAHs	8270 PNAs	PCBs ☐ SOX ☐ ASE	Pesticides	TOTAL # OF CONT.	NOTE #
S-77	8/17/22 11:55am	S	X	X			X	X				5	
S-80	8/17/22 12:10pm	S	X	X			X	X				5	
PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)				N/O			C	C					
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)				V			G	G					
Soil VOCs Only (M=MeOH B=Sodium Bisulfate W=Water F=Empty Vial E=Encore)				MeOH									

RELINQUISHED BY: Justin O'Leary DATE/TIME: 8/17/22 RECEIVED BY: 0853 8/18/22

RELINQUISHED BY: DATE/TIME: 8/18/22 15:30 RECEIVED BY: 08/18/22 15:30

RELINQUISHED BY: DATE/TIME: RECEIVED BY:

NOTES:

Client / Reporting Information

Company Name: Kropp Environmental

Address: P.O. Box 258

City: Lebanon State: CT Zip: 06249

Report To: Sally Kropp E-mail: Sally@Kroppenvironmental.com

Phone #: 860-642-9952 Fax #:

Project Information

Project: Old Lyme Region 18 School PO #:

Location: 49 Lyme St, Old Lyme Project #: 22(S)216

CET Quote #: Collector(s): AJ

QA/QC: ☒ Std ☐ Site Specific (MS/MSD) * ☐ RCP Pkg * ☐ DQAW *

Data Report: ☒ PDF ☐ EDD - Specify Format Other

RSR Reporting Limits (check one): ☒ GA ☐ GB ☐ SWP ☐ Other

Laboratory Certification Needed (check one): ☒ CT ☐ NY ☐ RI ☐ MA ☐ PA

Temp Upon Receipt: 5 °C Evidence of Cooling: ☒ N

PAGE OF

*** 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.**

80 Lupes Drive
Stratford, CT 06615

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

Client: Ms. Sally Kropp
Kropp Environmental Contractors, Inc.
P.O. Box 258
Lebanon, CT 06249

Analytical Report

CET# 2080724

Report Date:September 01, 2022
Project: Old Lyme Region 18 School, 49 Lyme St
Project Number: 22(S)216

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 4.0°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
CS-1	2080724-01	Soil	8/24/2022 7:40	08/25/2022
CS-2	2080724-02	Soil	8/24/2022 7:44	08/25/2022
CS-3	2080724-03	Soil	8/24/2022 7:50	08/25/2022
CS-7	2080724-04	Soil	8/24/2022 8:30	08/25/2022
CS-8	2080724-05	Soil	8/24/2022 9:01	08/25/2022
CS-9	2080724-06	Soil	8/24/2022 9:12	08/25/2022
CS-10	2080724-07	Soil	8/24/2022 9:33	08/25/2022
CS-11	2080724-08	Soil	8/24/2022 9:45	08/25/2022
CS-12	2080724-09	Soil	8/24/2022 9:40	08/25/2022
CS-13	2080724-10	Soil	8/24/2022 10:30	08/25/2022
CS-14	2080724-11	Soil	8/24/2022 10:33	08/25/2022
CS-15	2080724-12	Soil	8/24/2022 10:40	08/25/2022

Analyte: Percent Solids [SM 2540 G]

Analyst: RAN

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
2080724-01	CS-1	90	1.0	%	1	B2H2939	08/29/2022	08/30/2022 12:00	
2080724-02	CS-2	95	1.0	%	1	B2H2939	08/29/2022	08/30/2022 12:00	
2080724-03	CS-3	95	1.0	%	1	B2H2940	08/29/2022	08/30/2022 00:00	
2080724-04	CS-7	91	1.0	%	1	B2H2940	08/29/2022	08/30/2022 00:00	
2080724-05	CS-8	93	1.0	%	1	B2H2940	08/29/2022	08/30/2022 00:00	
2080724-06	CS-9	87	1.0	%	1	B2H2940	08/29/2022	08/30/2022 00:00	
2080724-07	CS-10	91	1.0	%	1	B2H2940	08/29/2022	08/30/2022 00:00	
2080724-08	CS-11	86	1.0	%	1	B2H2940	08/29/2022	08/30/2022 00:00	
2080724-09	CS-12	90	1.0	%	1	B2H2940	08/29/2022	08/30/2022 00:00	
2080724-10	CS-13	90	1.0	%	1	B2H2940	08/29/2022	08/30/2022 00:00	
2080724-11	CS-14	93	1.0	%	1	B2H2940	08/29/2022	08/30/2022 00:00	
2080724-12	CS-15	95	1.0	%	1	B2H2940	08/29/2022	08/30/2022 00:00	

Client Sample ID CS-1

Lab ID: 2080724-01

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	56	1	EPA 3550C	B2H2703	08/27/2022	08/27/2022 18:55	
Surrogate: Octacosane	*95.6 %*	*50 - 150*			B2H2703	08/27/2022	*08/27/2022 18:55*	

Client Sample ID CS-2

Lab ID: 2080724-02

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	ND	52	1	EPA 3550C	B2H2703	08/27/2022	08/27/2022 19:16	
Surrogate: Octacosane	*104 %*	*50 - 150*			B2H2703	08/27/2022	*08/27/2022 19:16*	

Client Sample ID CS-3

Lab ID: 2080724-03

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	**6900**	53	1	EPA 3550C	B2H2703	08/27/2022	08/27/2022 20:21	2
Surrogate: Octacosane	*97.9 %*		*50 - 150*		B2H2703	08/27/2022	*08/27/2022 20:21*	

2 C9-C28 Fuel Oil Range

Semivolatile Organics **Analyst: TWF**

Method: EPA 8270D **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	**960**	110	1	EPA 3545A	B2H2920	08/29/2022	08/30/2022 19:12	
2-Methyl Naphthalene	**3200**	210	1	EPA 3545A	B2H2920	08/29/2022	08/30/2022 19:12	
Acenaphthylene	ND	110	1	EPA 3545A	B2H2920	08/29/2022	08/30/2022 19:12	
Acenaphthene	ND	110	1	EPA 3545A	B2H2920	08/29/2022	08/30/2022 19:12	
Fluorene	ND	110	1	EPA 3545A	B2H2920	08/29/2022	08/30/2022 19:12	
Phenanthrene	**870**	110	1	EPA 3545A	B2H2920	08/29/2022	08/30/2022 19:12	
Anthracene	**310**	110	1	EPA 3545A	B2H2920	08/29/2022	08/30/2022 19:12	
Fluoranthene	ND	110	1	EPA 3545A	B2H2920	08/29/2022	08/30/2022 19:12	
Pyrene	**300**	110	1	EPA 3545A	B2H2920	08/29/2022	08/30/2022 19:12	
Benzo[a]anthracene	ND	110	1	EPA 3545A	B2H2920	08/29/2022	08/30/2022 19:12	
Chrysene	ND	110	1	EPA 3545A	B2H2920	08/29/2022	08/30/2022 19:12	
Benzo[b]fluoranthene	ND	110	1	EPA 3545A	B2H2920	08/29/2022	08/30/2022 19:12	
Benzo[k]fluoranthene	ND	110	1	EPA 3545A	B2H2920	08/29/2022	08/30/2022 19:12	
Benzo[a]pyrene	ND	110	1	EPA 3545A	B2H2920	08/29/2022	08/30/2022 19:12	
Indeno[1,2,3-cd]pyrene	ND	110	1	EPA 3545A	B2H2920	08/29/2022	08/30/2022 19:12	
Dibenz[a,h]anthracene	ND	110	1	EPA 3545A	B2H2920	08/29/2022	08/30/2022 19:12	
Benzo[g,h,i]perylene	ND	110	1	EPA 3545A	B2H2920	08/29/2022	08/30/2022 19:12	
Surrogate: Nitrobenzene-d5	*47.8 %*		*30 - 130*		B2H2920	08/29/2022	*08/30/2022 19:12*	
Surrogate: 2-Fluorobiphenyl	*63.9 %*		*30 - 130*		B2H2920	08/29/2022	*08/30/2022 19:12*	
Surrogate: Terphenyl-d14	*87.8 %*		*30 - 130*		B2H2920	08/29/2022	*08/30/2022 19:12*	

Client Sample ID CS-7

Lab ID: 2080724-04

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	B2H2703	08/27/2022	08/27/2022 20:42	
Surrogate: Octacosane	*90.4 %*	*50 - 150*			B2H2703	08/27/2022	*08/27/2022 20:42*	

Client Sample ID CS-8

Lab ID: 2080724-05

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	**1600**	53	1	EPA 3550C	B2H2703	08/27/2022	08/27/2022 21:04	2
Surrogate: Octacosane	*104 %*	*50 - 150*			B2H2703	08/27/2022	*08/27/2022 21:04*	

2 C9-C28 Fuel Oil Range

Client Sample ID CS-9

Lab ID: 2080724-06

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	**3600**	57	1	EPA 3550C	B2H2703	08/27/2022	08/27/2022 21:25	2
Surrogate: Octacosane	*81.6 %*	*50 - 150*			B2H2703	08/27/2022	*08/27/2022 21:25*	

2 C9-C28 Fuel Oil Range

Semivolatile Organics **Analyst: TWF**

Method: EPA 8270D **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	**1000**	110	1	EPA 3545A	B2H2920	08/29/2022	08/30/2022 19:37	
2-Methyl Naphthalene	**3300**	230	1	EPA 3545A	B2H2920	08/29/2022	08/30/2022 19:37	
Acenaphthylene	ND	110	1	EPA 3545A	B2H2920	08/29/2022	08/30/2022 19:37	
Acenaphthene	ND	110	1	EPA 3545A	B2H2920	08/29/2022	08/30/2022 19:37	
Fluorene	**500**	110	1	EPA 3545A	B2H2920	08/29/2022	08/30/2022 19:37	
Phenanthrene	**740**	110	1	EPA 3545A	B2H2920	08/29/2022	08/30/2022 19:37	
Anthracene	**270**	110	1	EPA 3545A	B2H2920	08/29/2022	08/30/2022 19:37	
Fluoranthene	**130**	110	1	EPA 3545A	B2H2920	08/29/2022	08/30/2022 19:37	
Pyrene	**300**	110	1	EPA 3545A	B2H2920	08/29/2022	08/30/2022 19:37	
Benzo[a]anthracene	ND	110	1	EPA 3545A	B2H2920	08/29/2022	08/30/2022 19:37	
Chrysene	ND	110	1	EPA 3545A	B2H2920	08/29/2022	08/30/2022 19:37	
Benzo[b]fluoranthene	ND	110	1	EPA 3545A	B2H2920	08/29/2022	08/30/2022 19:37	
Benzo[k]fluoranthene	ND	110	1	EPA 3545A	B2H2920	08/29/2022	08/30/2022 19:37	
Benzo[a]pyrene	ND	110	1	EPA 3545A	B2H2920	08/29/2022	08/30/2022 19:37	
Indeno[1,2,3-cd]pyrene	ND	110	1	EPA 3545A	B2H2920	08/29/2022	08/30/2022 19:37	
Dibenz[a,h]anthracene	ND	110	1	EPA 3545A	B2H2920	08/29/2022	08/30/2022 19:37	
Benzo[g,h,i]perylene	ND	110	1	EPA 3545A	B2H2920	08/29/2022	08/30/2022 19:37	
Surrogate: Nitrobenzene-d5	*40.3 %*	*30 - 130*			B2H2920	08/29/2022	*08/30/2022 19:37*	
Surrogate: 2-Fluorobiphenyl	*57.0 %*	*30 - 130*			B2H2920	08/29/2022	*08/30/2022 19:37*	
Surrogate: Terphenyl-d14	*77.5 %*	*30 - 130*			B2H2920	08/29/2022	*08/30/2022 19:37*	

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	440	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	*C2*I

Client Sample ID CS-9

Lab ID: 2080724-06

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
Chloromethane	ND	290	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
Vinyl Chloride	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
Bromomethane	ND	290	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
Chloroethane	ND	290	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
Trichlorofluoromethane	ND	1200	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
Acetone	ND	4400	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	*C2*I
Acrylonitrile	ND	240	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
Trichlorotrifluoroethane	ND	1200	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
1,1-Dichloroethene	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
Methylene Chloride	ND	1800	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	*F1*C1*I
Carbon Disulfide	ND	290	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	*F2
Methyl-t-Butyl Ether (MTBE)	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
trans-1,2-Dichloroethene	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
1,1-Dichloroethane	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
2-Butanone (MEK)	ND	740	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	*C2*I
2,2-Dichloropropane	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
cis-1,2-Dichloroethene	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
Bromochloromethane	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
Chloroform	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
Tetrahydrofuran	ND	740	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	*C2*I
1,1,1-Trichloroethane	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
Carbon Tetrachloride	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
1,1-Dichloropropene	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
Benzene	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
1,2-Dichloroethane	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
Trichloroethene	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
1,2-Dichloropropane	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
Dibromomethane	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
Bromodichloromethane	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
Methyl Isobutyl Ketone	ND	740	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
cis-1,3-Dichloropropene	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
Toluene	**2500**	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
trans-1,3-Dichloropropene	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
2-Hexanone	ND	740	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	*C2
1,1,2-Trichloroethane	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
Tetrachloroethene	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
1,3-Dichloropropane	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	

Client Sample ID CS-9

Lab ID: 2080724-06

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
Dibromochloromethane	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
1,2-Dibromoethane	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
trans-1,4-Dichloro-2-Butene	ND	740	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	*C2*I
Chlorobenzene	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
1,1,1,2-Tetrachloroethane	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
Ethylbenzene	**4000**	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
m+p Xylenes	**15000**	290	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	E
o-Xylene	**9600**	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
Styrene	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
Bromoform	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
Isopropylbenzene	**1800**	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
1,1,2,2-Tetrachloroethane	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
Bromobenzene	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
1,2,3-Trichloropropane	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
n-Propylbenzene	**4900**	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
2-Chlorotoluene	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
4-Chlorotoluene	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
1,3,5-Trimethylbenzene	**10000**	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
tert-Butylbenzene	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
1,2,4-Trimethylbenzene	**33000**	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	E
sec-Butylbenzene	**2600**	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
1,3-Dichlorobenzene	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
4-Isopropyltoluene	**1600**	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
1,4-Dichlorobenzene	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
1,2-Dichlorobenzene	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
n-Butylbenzene	**4100**	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
1,2-Dibromo-3-Chloropropane	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
1,2,4-Trichlorobenzene	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
Hexachlorobutadiene	ND	150	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
Naphthalene	ND	290	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
1,2,3-Trichlorobenzene	ND	290	51.33	EPA 5035A-H	B2H2925	08/29/2022	08/29/2022 19:48	
Surrogate: 1,2-Dichloroethane-d4	*99.7 %*		*70 - 130*		B2H2925	08/29/2022	*08/29/2022 19:48*	
Surrogate: Toluene-d8	*104 %*		*70 - 130*		B2H2925	08/29/2022	*08/29/2022 19:48*	
Surrogate: 4-Bromofluorobenzene	*101 %*		*70 - 130*		B2H2925	08/29/2022	*08/29/2022 19:48*	

Client Sample ID CS-9

Lab ID: 2080724-06RE1

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	1800	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	*C1*I
Chloromethane	ND	1200	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	*C1
Vinyl Chloride	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	*C1
Bromomethane	ND	1200	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
Chloroethane	ND	1200	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
Trichlorofluoromethane	ND	4700	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
Acetone	ND	18000	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	*F2*C2*I
Acrylonitrile	ND	940	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
Trichlorotrifluoroethane	ND	4700	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
1,1-Dichloroethene	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
Methylene Chloride	ND	7100	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	*F1*C1*I
Carbon Disulfide	ND	1200	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
Methyl-t-Butyl Ether (MTBE)	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
trans-1,2-Dichloroethene	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
1,1-Dichloroethane	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
2-Butanone (MEK)	ND	2900	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	*F2*I
2,2-Dichloropropane	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
cis-1,2-Dichloroethene	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
Bromochloromethane	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
Chloroform	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
Tetrahydrofuran	ND	2900	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	*I
1,1,1-Trichloroethane	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
Carbon Tetrachloride	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
1,1-Dichloropropene	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
Benzene	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
1,2-Dichloroethane	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
Trichloroethene	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
1,2-Dichloropropane	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
Dibromomethane	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
Bromodichloromethane	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
Methyl Isobutyl Ketone	ND	2900	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
cis-1,3-Dichloropropene	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
Toluene	**2200**	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
trans-1,3-Dichloropropene	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
2-Hexanone	ND	2900	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	*F2
1,1,2-Trichloroethane	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
Tetrachloroethene	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	

Client Sample ID CS-9

Lab ID: 2080724-06RE1

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
1,3-Dichloropropane	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
Dibromochloromethane	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
1,2-Dibromoethane	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
trans-1,4-Dichloro-2-Butene	ND	2900	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	*I
Chlorobenzene	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
1,1,1,2-Tetrachloroethane	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
Ethylbenzene	**3900**	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
m+p Xylenes	**14000**	1200	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
o-Xylene	**9000**	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
Styrene	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
Bromoform	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
Isopropylbenzene	**1800**	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
1,1,2,2-Tetrachloroethane	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
Bromobenzene	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
1,2,3-Trichloropropane	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
n-Propylbenzene	**4900**	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
2-Chlorotoluene	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
4-Chlorotoluene	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
1,3,5-Trimethylbenzene	**11000**	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
tert-Butylbenzene	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
1,2,4-Trimethylbenzene	**36000**	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
sec-Butylbenzene	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
1,3-Dichlorobenzene	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
4-Isopropyltoluene	**1900**	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
1,4-Dichlorobenzene	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
1,2-Dichlorobenzene	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
n-Butylbenzene	**4800**	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
1,2-Dibromo-3-Chloropropane	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
1,2,4-Trichlorobenzene	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
Hexachlorobutadiene	ND	590	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
Naphthalene	ND	1200	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
1,2,3-Trichlorobenzene	ND	1200	205.34	EPA 5035A-H	B2H3124	08/31/2022	08/31/2022 19:26	
Surrogate: 1,2-Dichloroethane-d4	*91.4 %*		*70 - 130*		B2H3124	08/31/2022	*08/31/2022 19:26*	
Surrogate: Toluene-d8	*101 %*		*70 - 130*		B2H3124	08/31/2022	*08/31/2022 19:26*	
Surrogate: 4-Bromofluorobenzene	*101 %*		*70 - 130*		B2H3124	08/31/2022	*08/31/2022 19:26*	

Client Sample ID CS-10

Lab ID: 2080724-07

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	55	1	EPA 3550C	B2H2703	08/27/2022	08/27/2022 21:47	
Surrogate: Octacosane	*100 %*	*50 - 150*			B2H2703	08/27/2022	*08/27/2022 21:47*	

Client Sample ID CS-11

Lab ID: 2080724-08

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	**6200**	58	1	EPA 3550C	B2H2703	08/27/2022	08/27/2022 22:08	2
Surrogate: Octacosane	*101 %*	*50 - 150*			B2H2703	08/27/2022	*08/27/2022 22:08*	

2 C9-C28 Fuel Oil Range

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	9.4	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	*F1*C2
Chloromethane	ND	6.3	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
Vinyl Chloride	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
Bromomethane	ND	6.3	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
Chloroethane	ND	6.3	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
Trichlorofluoromethane	ND	25	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
Acetone	ND	94	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	*C2*I
Acrylonitrile	ND	5.0	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	*C2
Trichlorotrifluoroethane	ND	25	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
1,1-Dichloroethene	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
Methylene Chloride	ND	38	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	*F1*C1
Carbon Disulfide	ND	6.3	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	*F1*C1
Methyl-t-Butyl Ether (MTBE)	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
trans-1,2-Dichloroethene	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
1,1-Dichloroethane	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
2-Butanone (MEK)	ND	16	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	*C2
2,2-Dichloropropane	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
cis-1,2-Dichloroethene	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	*C1
Bromochloromethane	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	*C1
Chloroform	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
Tetrahydrofuran	ND	16	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
1,1,1-Trichloroethane	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
Carbon Tetrachloride	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
1,1-Dichloropropene	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
Benzene	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
1,2-Dichloroethane	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
Trichloroethene	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
1,2-Dichloropropane	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	

Client Sample ID CS-11

Lab ID: 2080724-08

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
Dibromomethane	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
Bromodichloromethane	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
Methyl Isobutyl Ketone	ND	16	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
cis-1,3-Dichloropropene	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
Toluene	**5.0**	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
trans-1,3-Dichloropropene	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
2-Hexanone	ND	16	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
1,1,2-Trichloroethane	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
Tetrachloroethene	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
1,3-Dichloropropane	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
Dibromochloromethane	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
1,2-Dibromoethane	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
trans-1,4-Dichloro-2-Butene	ND	16	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	*I
Chlorobenzene	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
1,1,1,2-Tetrachloroethane	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
Ethylbenzene	**4.6**	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
m+p Xylenes	**13**	6.3	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
o-Xylene	**12**	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
Styrene	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
Bromoform	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
Isopropylbenzene	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
1,1,2,2-Tetrachloroethane	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
Bromobenzene	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
1,2,3-Trichloropropane	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
n-Propylbenzene	**3.1**	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
2-Chlorotoluene	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
4-Chlorotoluene	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
1,3,5-Trimethylbenzene	**7.6**	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
tert-Butylbenzene	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
1,2,4-Trimethylbenzene	**20**	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
sec-Butylbenzene	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
1,3-Dichlorobenzene	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
4-Isopropyltoluene	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
1,4-Dichlorobenzene	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
1,2-Dichlorobenzene	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
n-Butylbenzene	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
1,2-Dibromo-3-Chloropropane	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	

Client Sample ID CS-11

Lab ID: 2080724-08

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
1,2,4-Trichlorobenzene	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
Hexachlorobutadiene	ND	3.1	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
Naphthalene	ND	6.3	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
1,2,3-Trichlorobenzene	ND	6.3	1.08	EPA 5035A-L	B2H3117	08/31/2022	08/31/2022 14:09	
Surrogate: 1,2-Dichloroethane-d4	*108 %*		*70 - 130*		B2H3117	08/31/2022	*08/31/2022 14:09*	
Surrogate: Toluene-d8	*100 %*		*70 - 130*		B2H3117	08/31/2022	*08/31/2022 14:09*	
Surrogate: 4-Bromofluorobenzene	*107 %*		*70 - 130*		B2H3117	08/31/2022	*08/31/2022 14:09*	

Client Sample ID CS-12

Lab ID: 2080724-09

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	**21000**	280	5	EPA 3550C	B2H2703	08/27/2022	08/29/2022 19:20	2
Surrogate: Octacosane	*106 %*		*50 - 150*		B2H2703	08/27/2022	*08/29/2022 19:20*	

2 C9-C28 Fuel Oil Range

Client Sample ID CS-13

Lab ID: 2080724-10

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	56	1	EPA 3550C	B2H2703	08/27/2022	08/27/2022 22:51	
Surrogate: Octacosane	*110 %*		*50 - 150*		B2H2703	08/27/2022	*08/27/2022 22:51*	

Client Sample ID CS-14

Lab ID: 2080724-11

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	54	1	EPA 3550C	B2H2703	08/27/2022	08/27/2022 23:13	
Surrogate: Octacosane	*92.8 %*	*50 - 150*			B2H2703	08/27/2022	*08/27/2022 23:13*	

Client Sample ID CS-15

Lab ID: 2080724-12

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	52	1	EPA 3550C	B2H2703	08/27/2022	08/27/2022 23:34	
Surrogate: Octacosane	*95.9 %*	*50 - 150*			B2H2703	08/27/2022	*08/27/2022 23:34*	

QUALITY CONTROL SECTION

Batch B2H2703 - CT-ETPH

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2H2703-BLK1)					Prepared: 8/27/2022 Analyzed: 8/27/2022				
ETPH	ND	50							
Surrogate: Octacosane					*92.1*	*50 - 150*			
LCS (B2H2703-BS1)					Prepared: 8/27/2022 Analyzed: 8/27/2022				
ETPH	1670	50	1,500.000		111	60 - 120			
Surrogate: Octacosane					*107*	*50 - 150*			

Batch B2H2920 - EPA 8270D

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2H2920-BLK1)					Prepared: 8/29/2022 Analyzed: 8/30/2022				
Naphthalene	ND	100							
2-Methyl Naphthalene	ND	200							
Acenaphthylene	ND	100							
Acenaphthene	ND	100							
Fluorene	ND	100							
Phenanthrene	ND	100							
Anthracene	ND	100							
Fluoranthene	ND	100							
Pyrene	ND	100							
Benzo[a]anthracene	ND	100							
Chrysene	ND	100							
Benzo[b]fluoranthene	ND	100							
Benzo[k]fluoranthene	ND	100							
Benzo[a]pyrene	ND	100							
Indeno[1,2,3-cd]pyrene	ND	100							
Dibenz[a,h]anthracene	ND	100							
Benzo[g,h,i]perylene	ND	100							
Surrogate: Nitrobenzene-d5					*37.0*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*43.2*	*30 - 130*			
Surrogate: Terphenyl-d14					*94.3*	*30 - 130*			
LCS (B2H2920-BS1)					Prepared: 8/29/2022 Analyzed: 8/30/2022				
Naphthalene	2370	100	4,000.000		59.4	40 - 140			
2-Methyl Naphthalene	2570	200	4,000.000		64.3	40 - 140			
Acenaphthylene	2580	100	4,000.000		64.5	40 - 140			
Acenaphthene	2610	100	4,000.000		65.1	40 - 140			
Fluorene	2830	100	4,000.000		70.6	40 - 140			
Phenanthrene	2780	100	4,000.000		69.6	40 - 140			
Anthracene	2880	100	4,000.000		71.9	40 - 140			
Fluoranthene	3270	100	4,000.000		81.7	40 - 140			
Pyrene	3240	100	4,000.000		80.9	40 - 140			
Benzo[a]anthracene	2810	100	4,000.000		70.3	40 - 140			
Chrysene	2920	100	4,000.000		72.9	40 - 140			
Benzo[b]fluoranthene	2890	100	4,000.000		72.1	40 - 140			
Benzo[k]fluoranthene	2870	100	4,000.000		71.7	40 - 140			
Benzo[a]pyrene	2980	100	4,000.000		74.4	40 - 140			
Indeno[1,2,3-cd]pyrene	3370	100	4,000.000		84.3	40 - 140			
Dibenz[a,h]anthracene	3240	100	4,000.000		80.9	40 - 140			
Benzo[g,h,i]perylene	3550	100	4,000.000		88.7	40 - 140			
Surrogate: Nitrobenzene-d5					*71.2*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*83.6*	*30 - 130*			
Surrogate: Terphenyl-d14					*98.2*	*30 - 130*			

Batch B2H2925 - EPA 8260C

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B2H2925-BS1)					Prepared: 8/29/2022 Analyzed: 8/29/2022				
Dichlorodifluoromethane	45.0	7.5	50.000		89.9	70 - 130			
Chloromethane	36.8	5.0	50.000		73.7	70 - 130			
Vinyl Chloride	40.1	2.5	50.000		80.2	70 - 130			
Bromomethane	40.5	5.0	50.000		81.1	70 - 130			
Chloroethane	46.4	5.0	50.000		92.8	70 - 130			
Trichlorofluoromethane	44.3	20	50.000		88.5	70 - 130			
Acetone	99.6	75	100.000		99.6	70 - 130			
Acrylonitrile	52.7	4.0	50.000		105	70 - 130			
Trichlorotrifluoroethane	62.2	20	50.000		124	70 - 130			
1,1-Dichloroethene	61.8	2.5	50.000		124	70 - 130			
Methylene Chloride	21.5	10	50.000		**42.9**	70 - 130			**L**
Carbon Disulfide	69.4	5.0	50.000		**139**	70 - 130			**H**
Methyl-t-Butyl Ether (MTBE)	55.7	2.5	50.000		111	70 - 130			
trans-1,2-Dichloroethene	59.2	2.5	50.000		118	70 - 130			
1,1-Dichloroethane	57.7	2.5	50.000		115	70 - 130			
2-Butanone (MEK)	109	13	100.000		109	70 - 130			
2,2-Dichloropropane	58.2	2.5	50.000		116	70 - 130			
cis-1,2-Dichloroethene	56.9	2.5	50.000		114	70 - 130			
Bromochloromethane	57.2	2.5	50.000		114	70 - 130			
Chloroform	50.5	2.5	50.000		101	70 - 130			
Tetrahydrofuran	61.7	13	50.000		123	70 - 130			
1,1,1-Trichloroethane	60.4	2.5	50.000		121	70 - 130			
Carbon Tetrachloride	60.5	2.5	50.000		121	70 - 130			
1,1-Dichloropropene	62.3	2.5	50.000		125	70 - 130			
Benzene	60.7	2.5	50.000		121	70 - 130			
1,2-Dichloroethane	57.6	2.5	50.000		115	70 - 130			
Trichloroethene	59.6	2.5	50.000		119	70 - 130			
1,2-Dichloropropane	59.0	2.5	50.000		118	70 - 130			
Dibromomethane	58.9	2.5	50.000		118	70 - 130			
Bromodichloromethane	59.1	2.5	50.000		118	70 - 130			
Methyl Isobutyl Ketone	120	13	100.000		120	70 - 130			
cis-1,3-Dichloropropene	58.7	2.5	50.000		117	70 - 130			
Toluene	58.0	2.5	50.000		116	70 - 130			
trans-1,3-Dichloropropene	58.6	2.5	50.000		117	70 - 130			
2-Hexanone	115	13	100.000		115	70 - 130			
1,1,2-Trichloroethane	58.5	2.5	50.000		117	70 - 130			
Tetrachloroethene	60.1	2.5	50.000		120	70 - 130			
1,3-Dichloropropane	58.7	2.5	50.000		117	70 - 130			
Dibromochloromethane	58.4	2.5	50.000		117	70 - 130			
1,2-Dibromoethane	58.1	2.5	50.000		116	70 - 130			
trans-1,4-Dichloro-2-Butene	61.5	13	50.000		123	70 - 130			
Chlorobenzene	58.1	2.5	50.000		116	70 - 130			
1,1,1,2-Tetrachloroethane	57.2	2.5	50.000		114	70 - 130			
Ethylbenzene	57.7	2.5	50.000		115	70 - 130			
m+p Xylenes	116	5.0	100.000		116	70 - 130			
o-Xylene	57.7	2.5	50.000		115	70 - 130			
Styrene	59.0	2.5	50.000		118	70 - 130			
Bromoform	50.3	2.5	50.000		101	70 - 130			
Isopropylbenzene	57.9	2.5	50.000		116	70 - 130			
1,1,2,2-Tetrachloroethane	58.9	2.5	50.000		118	70 - 130			
Bromobenzene	55.9	2.5	50.000		112	70 - 130			
1,2,3-Trichloropropane	57.3	2.5	50.000		115	70 - 130			

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B2H2925-BS1) - Continued					Prepared: 8/29/2022 Analyzed: 8/29/2022				
n-Propylbenzene	56.4	2.5	50.000		113	70 - 130			
2-Chlorotoluene	55.7	2.5	50.000		111	70 - 130			
4-Chlorotoluene	56.6	2.5	50.000		113	70 - 130			
1,3,5-Trimethylbenzene	56.2	2.5	50.000		112	70 - 130			
tert-Butylbenzene	55.4	2.5	50.000		111	70 - 130			
1,2,4-Trimethylbenzene	54.6	2.5	50.000		109	70 - 130			
sec-Butylbenzene	54.9	2.5	50.000		110	70 - 130			
1,3-Dichlorobenzene	56.0	2.5	50.000		112	70 - 130			
4-Isopropyltoluene	55.5	2.5	50.000		111	70 - 130			
1,4-Dichlorobenzene	56.1	2.5	50.000		112	70 - 130			
1,2-Dichlorobenzene	56.0	2.5	50.000		112	70 - 130			
n-Butylbenzene	54.1	2.5	50.000		108	70 - 130			
1,2-Dibromo-3-Chloropropane	57.4	2.5	50.000		115	70 - 130			
1,2,4-Trichlorobenzene	53.6	2.5	50.000		107	70 - 130			
Hexachlorobutadiene	48.8	2.5	50.000		97.7	70 - 130			
Naphthalene	55.2	5.0	50.000		110	70 - 130			
1,2,3-Trichlorobenzene	54.1	5.0	50.000		108	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*93.4*	*70 - 130*			
Surrogate: Toluene-d8					*99.8*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*100*	*70 - 130*			

Batch B2H2939 - SM 2540 G

Analyte	Result (%)	RL (%)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Duplicate (B2H2939-DUP1)		**Source: 2080724-02**			Prepared: 8/29/2022 Analyzed: 8/30/2022				
Percent Solids	95	1.0		95			0.241	5	

Batch B2H3117 - EPA 8260C

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2H3117-BLK1)					Prepared: 8/31/2022 Analyzed: 8/31/2022				
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 (B2H3117-BLK1) - Continued					Prepared: 8/31/2022 Analyzed: 8/31/2022				
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					*96.5*	*70 - 130*			
Surrogate: Toluene-d8					*98.5*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*107*	*70 - 130*			
LCS (B2H3117-BS1)					Prepared: 8/31/2022 Analyzed: 8/31/2022				
Dichlorodifluoromethane	34.2	7.5	50.000		**68.3**	70 - 130			**L**
Chloromethane	35.3	5.0	50.000		70.5	70 - 130			
Vinyl Chloride	42.6	2.5	50.000		85.3	70 - 130			
Bromomethane	48.2	5.0	50.000		96.4	70 - 130			
Chloroethane	41.2	5.0	50.000		82.4	70 - 130			
Trichlorofluoromethane	50.2	20	50.000		100	70 - 130			
Acetone	105	75	100.000		105	70 - 130			
Acrylonitrile	38.2	4.0	50.000		76.4	70 - 130			
Trichlorotrifluoroethane	42.1	20	50.000		84.1	70 - 130			
1,1-Dichloroethene	41.0	2.5	50.000		81.9	70 - 130			
Methylene Chloride	26.8	30	50.000		**53.5**	70 - 130			**L**
Carbon Disulfide	33.8	5.0	50.000		**67.7**	70 - 130			**L**
Methyl-t-Butyl Ether (MTBE)	45.3	2.5	50.000		90.6	70 - 130			
trans-1,2-Dichloroethene	37.7	2.5	50.000		75.4	70 - 130			
1,1-Dichloroethane	38.4	2.5	50.000		76.8	70 - 130			
2-Butanone (MEK)	98.4	13	100.000		98.4	70 - 130			
2,2-Dichloropropane	47.0	2.5	50.000		94.0	70 - 130			
cis-1,2-Dichloroethene	38.9	2.5	50.000		77.7	70 - 130			
Bromochloromethane	36.3	2.5	50.000		72.6	70 - 130			
Chloroform	43.0	2.5	50.000		86.1	70 - 130			
Tetrahydrofuran	39.1	13	50.000		78.2	70 - 130			
1,1,1-Trichloroethane	47.8	2.5	50.000		95.5	70 - 130			
Carbon Tetrachloride	49.4	2.5	50.000		98.8	70 - 130			
1,1-Dichloropropene	44.4	2.5	50.000		88.8	70 - 130			
Benzene	42.1	2.5	50.000		84.1	70 - 130			
1,2-Dichloroethane	42.6	2.5	50.000		85.2	70 - 130			
Trichloroethene	46.5	2.5	50.000		93.0	70 - 130			
1,2-Dichloropropane	42.2	2.5	50.000		84.4	70 - 130			
Dibromomethane	51.5	2.5	50.000		103	70 - 130			
Bromodichloromethane	48.5	2.5	50.000		97.0	70 - 130			
Methyl Isobutyl Ketone	88.0	13	100.000		88.0	70 - 130			

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B2H3117-BS1) - Continued					Prepared: 8/31/2022 Analyzed: 8/31/2022				
cis-1,3-Dichloropropene	50.4	2.5	50.000		101	70 - 130			
Toluene	43.2	2.5	50.000		86.4	70 - 130			
trans-1,3-Dichloropropene	52.8	2.5	50.000		106	70 - 130			
2-Hexanone	96.7	13	100.000		96.7	70 - 130			
1,1,2-Trichloroethane	47.7	2.5	50.000		95.5	70 - 130			
Tetrachloroethene	48.5	2.5	50.000		97.0	70 - 130			
1,3-Dichloropropane	45.9	2.5	50.000		91.8	70 - 130			
Dibromochloromethane	53.1	2.5	50.000		106	70 - 130			
1,2-Dibromoethane	48.0	2.5	50.000		96.1	70 - 130			
trans-1,4-Dichloro-2-Butene	48.4	13	50.000		96.7	70 - 130			
Chlorobenzene	44.0	2.5	50.000		88.0	70 - 130			
1,1,1,2-Tetrachloroethane	48.2	2.5	50.000		96.4	70 - 130			
Ethylbenzene	42.9	2.5	50.000		85.9	70 - 130			
m+p Xylenes	89.0	5.0	100.000		89.0	70 - 130			
o-Xylene	44.8	2.5	50.000		89.6	70 - 130			
Styrene	48.2	2.5	50.000		96.4	70 - 130			
Bromoform	48.4	2.5	50.000		96.7	70 - 130			
Isopropylbenzene	46.1	2.5	50.000		92.1	70 - 130			
1,1,2,2-Tetrachloroethane	44.7	2.5	50.000		89.5	70 - 130			
Bromobenzene	41.1	2.5	50.000		82.2	70 - 130			
1,2,3-Trichloropropane	45.9	2.5	50.000		91.9	70 - 130			
n-Propylbenzene	42.4	2.5	50.000		84.8	70 - 130			
2-Chlorotoluene	42.1	2.5	50.000		84.2	70 - 130			
4-Chlorotoluene	42.9	2.5	50.000		85.8	70 - 130			
1,3,5-Trimethylbenzene	43.9	2.5	50.000		87.7	70 - 130			
tert-Butylbenzene	45.4	2.5	50.000		90.8	70 - 130			
1,2,4-Trimethylbenzene	44.1	2.5	50.000		88.1	70 - 130			
sec-Butylbenzene	44.5	2.5	50.000		89.0	70 - 130			
1,3-Dichlorobenzene	45.2	2.5	50.000		90.4	70 - 130			
4-Isopropyltoluene	45.8	2.5	50.000		91.6	70 - 130			
1,4-Dichlorobenzene	44.7	2.5	50.000		89.5	70 - 130			
1,2-Dichlorobenzene	45.6	2.5	50.000		91.2	70 - 130			
n-Butylbenzene	44.7	2.5	50.000		89.3	70 - 130			
1,2-Dibromo-3-Chloropropane	45.7	2.5	50.000		91.5	70 - 130			
1,2,4-Trichlorobenzene	50.0	2.5	50.000		99.9	70 - 130			
Hexachlorobutadiene	52.7	2.5	50.000		105	70 - 130			
Naphthalene	49.1	5.0	50.000		98.1	70 - 130			
1,2,3-Trichlorobenzene	49.7	5.0	50.000		99.3	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*94.0*	*70 - 130*			
Surrogate: Toluene-d8					*100*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*108*	*70 - 130*			

Batch B2H3124 - EPA 8260C

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2H3124-BLK1)					Prepared: 8/31/2022 Analyzed: 8/31/2022				
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 (B2H3124-BLK1) - Continued					Prepared: 8/31/2022 Analyzed: 8/31/2022				
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					*84.1*	*70 - 130*			
Surrogate: Toluene-d8					*100*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*98.2*	*70 - 130*			
LCS (B2H3124-BS1)					Prepared: 8/31/2022 Analyzed: 8/31/2022				
Dichlorodifluoromethane	53.6	7.5	50.000		107	70 - 130			
Chloromethane	41.9	5.0	50.000		83.9	70 - 130			
Vinyl Chloride	47.7	2.5	50.000		95.3	70 - 130			
Bromomethane	49.7	5.0	50.000		99.4	70 - 130			
Chloroethane	54.3	5.0	50.000		109	70 - 130			
Trichlorofluoromethane	50.7	20	50.000		101	70 - 130			
Acetone	201	75	100.000		**201**	70 - 130			**H**
Acrylonitrile	54.4	4.0	50.000		109	70 - 130			
Trichlorotrifluoroethane	61.9	20	50.000		124	70 - 130			
1,1-Dichloroethene	62.7	2.5	50.000		125	70 - 130			
Methylene Chloride	ND	30	50.000			70 - 130			**L**
Carbon Disulfide	59.0	5.0	50.000		118	70 - 130			
Methyl-t-Butyl Ether (MTBE)	56.7	2.5	50.000		113	70 - 130			
trans-1,2-Dichloroethene	59.7	2.5	50.000		119	70 - 130			
1,1-Dichloroethane	59.1	2.5	50.000		118	70 - 130			
2-Butanone (MEK)	142	13	100.000		**142**	70 - 130			**H**
2,2-Dichloropropane	58.3	2.5	50.000		117	70 - 130			
cis-1,2-Dichloroethene	58.2	2.5	50.000		116	70 - 130			
Bromochloromethane	59.0	2.5	50.000		118	70 - 130			
Chloroform	52.2	2.5	50.000		104	70 - 130			
Tetrahydrofuran	63.1	13	50.000		126	70 - 130			
1,1,1-Trichloroethane	61.9	2.5	50.000		124	70 - 130			
Carbon Tetrachloride	61.1	2.5	50.000		122	70 - 130			
1,1-Dichloropropene	62.0	2.5	50.000		124	70 - 130			
Benzene	61.7	2.5	50.000		123	70 - 130			
1,2-Dichloroethane	58.9	2.5	50.000		118	70 - 130			
Trichloroethene	60.6	2.5	50.000		121	70 - 130			
1,2-Dichloropropane	60.5	2.5	50.000		121	70 - 130			
Dibromomethane	60.3	2.5	50.000		121	70 - 130			
Bromodichloromethane	60.0	2.5	50.000		120	70 - 130			
Methyl Isobutyl Ketone	125	13	100.000		125	70 - 130			

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B2H3124-BS1) - Continued					Prepared: 8/31/2022 Analyzed: 8/31/2022				
cis-1,3-Dichloropropene	59.4	2.5	50.000		119	70 - 130			
Toluene	58.3	2.5	50.000		117	70 - 130			
trans-1,3-Dichloropropene	60.1	2.5	50.000		120	70 - 130			
2-Hexanone	138	13	100.000		**138**	70 - 130			**H**
1,1,2-Trichloroethane	60.4	2.5	50.000		121	70 - 130			
Tetrachloroethene	58.6	2.5	50.000		117	70 - 130			
1,3-Dichloropropane	60.3	2.5	50.000		121	70 - 130			
Dibromochloromethane	59.4	2.5	50.000		119	70 - 130			
1,2-Dibromoethane	59.3	2.5	50.000		119	70 - 130			
trans-1,4-Dichloro-2-Butene	60.6	13	50.000		121	70 - 130			
Chlorobenzene	58.3	2.5	50.000		117	70 - 130			
1,1,1,2-Tetrachloroethane	58.5	2.5	50.000		117	70 - 130			
Ethylbenzene	56.6	2.5	50.000		113	70 - 130			
m+p Xylenes	113	5.0	100.000		113	70 - 130			
o-Xylene	57.4	2.5	50.000		115	70 - 130			
Styrene	59.2	2.5	50.000		118	70 - 130			
Bromoform	51.2	2.5	50.000		102	70 - 130			
Isopropylbenzene	55.9	2.5	50.000		112	70 - 130			
1,1,2,2-Tetrachloroethane	59.4	2.5	50.000		119	70 - 130			
Bromobenzene	55.7	2.5	50.000		111	70 - 130			
1,2,3-Trichloropropane	58.6	2.5	50.000		117	70 - 130			
n-Propylbenzene	54.2	2.5	50.000		108	70 - 130			
2-Chlorotoluene	53.9	2.5	50.000		108	70 - 130			
4-Chlorotoluene	54.9	2.5	50.000		110	70 - 130			
1,3,5-Trimethylbenzene	54.3	2.5	50.000		109	70 - 130			
tert-Butylbenzene	53.5	2.5	50.000		107	70 - 130			
1,2,4-Trimethylbenzene	53.1	2.5	50.000		106	70 - 130			
sec-Butylbenzene	53.7	2.5	50.000		107	70 - 130			
1,3-Dichlorobenzene	54.1	2.5	50.000		108	70 - 130			
4-Isopropyltoluene	54.0	2.5	50.000		108	70 - 130			
1,4-Dichlorobenzene	54.6	2.5	50.000		109	70 - 130			
1,2-Dichlorobenzene	54.7	2.5	50.000		109	70 - 130			
n-Butylbenzene	53.3	2.5	50.000		107	70 - 130			
1,2-Dibromo-3-Chloropropane	57.9	2.5	50.000		116	70 - 130			
1,2,4-Trichlorobenzene	52.4	2.5	50.000		105	70 - 130			
Hexachlorobutadiene	47.6	2.5	50.000		95.3	70 - 130			
Naphthalene	54.0	5.0	50.000		108	70 - 130			
1,2,3-Trichlorobenzene	52.1	5.0	50.000		104	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*93.6*	*70 - 130*			
Surrogate: Toluene-d8					*99.8*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*103*	*70 - 130*			

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

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

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.

CERTIFICATIONS

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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 8260C in Soil	
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
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
EPA 8270D in Soil	
Naphthalene	CT,NY,PA
2-Methyl Naphthalene	CT,NY,PA
Acenaphthylene	CT,NY,PA
Acenaphthene	CT,NY,PA
Fluorene	CT,NY,PA
Phenanthrene	CT,NY,PA
Anthracene	CT,NY,PA
Fluoranthene	CT,NY,PA
Pyrene	CT,NY,PA
Benzo[a]anthracene	CT,NY,PA
Chrysene	CT,NY,PA
Benzo[b]fluoranthene	CT,NY,PA
Benzo[k]fluoranthene	CT,NY,PA
Benzo[a]pyrene	CT,NY,PA
Indeno[1,2,3-cd]pyrene	CT,NY,PA
Dibenz[a,h]anthracene	CT,NY,PA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 8270D in Soil	
Benzo[g,h,i]perylene	CT,NY,PA
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

2080724

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): 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 PAH	8270 PNAs	PCBs ☐ SOX ☐ ASE	Pesticides	TOTAL # OF CONT.	NOTE #
CS-1	8/24 7:40	S	X				X					2	
CS-2	7:44		X				X					2	
CS-3	7:50		X				X	X				2	
CS-7	8:30		X				X					2	
CS-8	9:01		X				X					2	
CS-9	9:12		X	X			X	X				5	
CS-10	9:33		X				X					2	
CS-11	9:45		X	X			X					5	
CS-12	9:40		X				X					2	
CS-13	10:30		X				X					2	
PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)				4°			C	C				26	
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)				V			G	G					
Soil VOCs Only (M=MeOH B=Sodium Bisulfate W=Water F=Empty Vial E=Encore)				MeOH									

RELINQUISHED BY: Justin O'Leary DATE/TIME: 8/24/22 RECEIVED BY: 0745 8/25/22

RELINQUISHED BY: 8/25/22 15:20 DATE/TIME: RECEIVED BY: 08/25/22 15:20

RELINQUISHED BY: DATE/TIME: RECEIVED BY:

NOTES:

Client / Reporting Information

Company Name: Kropp Environmental

Address: P.O. Box 258

City: Lebanon State: CT Zip: 06249

Report To: Sally Kropp E-mail: sally@kroppenvironmental.com

Phone #: 860-642-9952 Fax #:

Project Information

Project: Old Lyme Region 18 School PO #:

Location: 49 Lyme St, Old Lyme Project #: 22(S)216

CET Quote #: Collector(s): AJ

QA/QC: ☒ Std ☐ Site Specific (MS/MSD) * ☐ RCP Pkg * ☐ DQAW *

Data Report: ☒ PDF ☐ EDD - Specify Format Other

RSR Reporting Limits (check one): ☒ GA ☐ GB ☐ SWP ☐ Other

Laboratory Certification Needed (check one): ☒ CT ☐ NY ☐ RI ☐ MA ☐ PA

Temp Upon Receipt: 4 °C Evidence of Cooling: Y N

PAGE 1 OF 2

*** 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

2080724

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): 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

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	8 RCRA	13 Priority Poll	15 CT DEP	Total	SPLP	TCLP	Dissolved	Field Filtered	Lab to Filter	Additional Analysis	TOTAL # OF CONT.	NOTE #
CS-14	8/24 10:33	S					X				X															2	
CS-15	8/24 10:40	S					X				X															2	
PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)											C															4	
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)											G																
Soil VOCs Only (M=MeOH B=Sodium Bisulfate W=Water F=Empty Vial E=Encore)																											

RELINQUISHED BY: Justin O'Leary DATE/TIME: 8/24/22 RECEIVED BY: CC08 0745 8/25/22

RELINQUISHED BY: DATE/TIME: 8/25/22 15:20 RECEIVED BY: m gabo 08/25/22 15:20

RELINQUISHED BY: DATE/TIME: RECEIVED BY:

NOTES:

Client / Reporting Information

Company Name: Kropp Environmental
Address: P.O. Box 258
City: Lebanon State: CT Zip: 06249
Report To: Sally Kropp E-mail: Sally@kroppenvironmental.com
Phone #: 860-642-9952 Fax #:

Project Information

Project: Old Lyme Region 18 School PO #:
Location: 49 Lyme St, Old Lyme Project #: 22(S)216
CET Quote #: Collector(s): AJ

QA/QC: [X] Std ☐ Site Specific (MS/MSD) * ☐ RCP Pkg * ☐ DQAW *
Data Report: [X] PDF ☐ EDD - Specify Format Other
RSR Reporting Limits (check one): [X] GA ☐ GB ☐ SWP ☐ Other
Laboratory Certification Needed (check one): [X] CT ☐ NY ☐ RI ☐ MA ☐ PA
Temp Upon Receipt: 4 °C Evidence of Cooling: (Y) N

*** 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. wil start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.**

REV 10/18

80 Lupes Drive
Stratford, CT 06615

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

Client: Ms. Sally Kropp
Kropp Environmental Contractors, Inc.
P.O. Box 258
Lebanon, CT 06249

Analytical Report

CET# 2100595

Report Date:October 25, 2022
Project: Old Lyme Region 18 School, 49 Lyme St
Project Number: 22(S)216

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 4.0°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
H7 S2 6ft	2100595-01	Soil	10/17/2022	10/20/2022

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
2100595-01	H7 S2 6ft	91	1.0	%	1	B2J2425	10/24/2022	10/24/2022 16:15	

Client Sample ID H7 S2 6ft

Lab ID: 2100595-01

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	**6900**	55	1	EPA 3550C	B2J2143	10/21/2022	10/21/2022 18:51	2
Surrogate: Octacosane	*125 %*	*50 - 150*			B2J2143	10/21/2022	*10/21/2022 18:51*	

2 C9-C28 Fuel Oil Range

Semivolatile Organics **Analyst: TWF**

Method: EPA 8270D **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	**910**	110	1	EPA 3545A	B2J2109	10/21/2022	10/22/2022 21:47	
2-Methyl Naphthalene	**2400**	220	1	EPA 3545A	B2J2109	10/21/2022	10/22/2022 21:47	
Acenaphthylene	ND	110	1	EPA 3545A	B2J2109	10/21/2022	10/22/2022 21:47	
Acenaphthene	**520**	110	1	EPA 3545A	B2J2109	10/21/2022	10/22/2022 21:47	
Fluorene	**650**	110	1	EPA 3545A	B2J2109	10/21/2022	10/22/2022 21:47	
Phenanthrene	**730**	110	1	EPA 3545A	B2J2109	10/21/2022	10/22/2022 21:47	
Anthracene	**290**	110	1	EPA 3545A	B2J2109	10/21/2022	10/22/2022 21:47	
Fluoranthene	ND	110	1	EPA 3545A	B2J2109	10/21/2022	10/22/2022 21:47	
Pyrene	**220**	110	1	EPA 3545A	B2J2109	10/21/2022	10/22/2022 21:47	
Benzo[a]anthracene	ND	110	1	EPA 3545A	B2J2109	10/21/2022	10/22/2022 21:47	
Chrysene	ND	110	1	EPA 3545A	B2J2109	10/21/2022	10/22/2022 21:47	
Benzo[b]fluoranthene	ND	110	1	EPA 3545A	B2J2109	10/21/2022	10/22/2022 21:47	
Benzo[k]fluoranthene	ND	110	1	EPA 3545A	B2J2109	10/21/2022	10/22/2022 21:47	
Benzo[a]pyrene	ND	110	1	EPA 3545A	B2J2109	10/21/2022	10/22/2022 21:47	
Indeno[1,2,3-cd]pyrene	ND	110	1	EPA 3545A	B2J2109	10/21/2022	10/22/2022 21:47	
Dibenz[a,h]anthracene	ND	110	1	EPA 3545A	B2J2109	10/21/2022	10/22/2022 21:47	
Benzo[g,h,i]perylene	ND	110	1	EPA 3545A	B2J2109	10/21/2022	10/22/2022 21:47	
Surrogate: Nitrobenzene-d5	*68.4 %*	*30 - 130*			B2J2109	10/21/2022	*10/22/2022 21:47*	
Surrogate: 2-Fluorobiphenyl	*61.1 %*	*30 - 130*			B2J2109	10/21/2022	*10/22/2022 21:47*	
Surrogate: Terphenyl-d14	*97.7 %*	*30 - 130*			B2J2109	10/21/2022	*10/22/2022 21:47*	

QUALITY CONTROL SECTION

Batch B2J2109 - EPA 8270D

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2J2109-BLK1)					Prepared: 10/21/2022 Analyzed: 10/22/2022				
Naphthalene	ND	100							
2-Methyl Naphthalene	ND	200							
Acenaphthylene	ND	100							
Acenaphthene	ND	100							
Fluorene	ND	100							
Phenanthrene	ND	100							
Anthracene	ND	100							
Fluoranthene	ND	100							
Pyrene	ND	100							
Benzo[a]anthracene	ND	100							
Chrysene	ND	100							
Benzo[b]fluoranthene	ND	100							
Benzo[k]fluoranthene	ND	100							
Benzo[a]pyrene	ND	100							
Indeno[1,2,3-cd]pyrene	ND	100							
Dibenz[a,h]anthracene	ND	100							
Benzo[g,h,i]perylene	ND	100							
Surrogate: Nitrobenzene-d5					*47.6*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*52.4*	*30 - 130*			
Surrogate: Terphenyl-d14					*66.7*	*30 - 130*			
LCS (B2J2109-BS1)					Prepared: 10/21/2022 Analyzed: 10/22/2022				
Naphthalene	2150	100	4,000.000		53.8	40 - 140			
2-Methyl Naphthalene	2300	200	4,000.000		57.4	40 - 140			
Acenaphthylene	2320	100	4,000.000		58.0	40 - 140			
Acenaphthene	2340	100	4,000.000		58.4	40 - 140			
Fluorene	2560	100	4,000.000		64.0	40 - 140			
Phenanthrene	2470	100	4,000.000		61.7	40 - 140			
Anthracene	2500	100	4,000.000		62.4	40 - 140			
Fluoranthene	2690	100	4,000.000		67.3	40 - 140			
Pyrene	2710	100	4,000.000		67.7	40 - 140			
Benzo[a]anthracene	2510	100	4,000.000		62.6	40 - 140			
Chrysene	2530	100	4,000.000		63.3	40 - 140			
Benzo[b]fluoranthene	2430	100	4,000.000		60.8	40 - 140			
Benzo[k]fluoranthene	2530	100	4,000.000		63.2	40 - 140			
Benzo[a]pyrene	2630	100	4,000.000		65.7	40 - 140			
Indeno[1,2,3-cd]pyrene	2770	100	4,000.000		69.2	40 - 140			
Dibenz[a,h]anthracene	2640	100	4,000.000		66.0	40 - 140			
Benzo[g,h,i]perylene	2790	100	4,000.000		69.8	40 - 140			
Surrogate: Nitrobenzene-d5					*71.6*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*71.5*	*30 - 130*			
Surrogate: Terphenyl-d14					*90.4*	*30 - 130*			

CET # : 2100595
Project: Old Lyme Region 18 School, 49 Lyme St
Project Number: 22(S)216

Batch B2J2143 - CT-ETPH

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2J2143-BLK1)					Prepared: 10/21/2022 Analyzed: 10/21/2022				
ETPH	ND	50							
Surrogate: Octacosane					*107*	*50 - 150*			
LCS (B2J2143-BS1)					Prepared: 10/21/2022 Analyzed: 10/21/2022				
ETPH	1570	50	1,500.000		104	60 - 120			
Surrogate: Octacosane					*103*	*50 - 150*			

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

CASE NARRATIVE

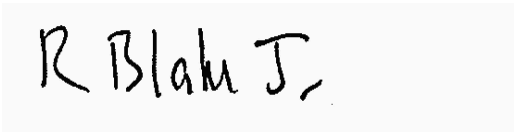
No collection time provided by client on chain of custody for the following sample: 2100595-01.

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.

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CT-ETPH in Soil	
ETPH	CT
EPA 8270D in Soil	
Naphthalene	CT,NY,PA
2-Methyl Naphthalene	CT,NY,PA
Acenaphthylene	CT,NY,PA
Acenaphthene	CT,NY,PA
Fluorene	CT,NY,PA
Phenanthrene	CT,NY,PA
Anthracene	CT,NY,PA
Fluoranthene	CT,NY,PA
Pyrene	CT,NY,PA
Benzo[a]anthracene	CT,NY,PA
Chrysene	CT,NY,PA
Benzo[b]fluoranthene	CT,NY,PA
Benzo[k]fluoranthene	CT,NY,PA
Benzo[a]pyrene	CT,NY,PA
Indeno[1,2,3-cd]pyrene	CT,NY,PA
Dibenz[a,h]anthracene	CT,NY,PA
Benzo[g,h,i]perylene	CT,NY,PA
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

2100595

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): 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	Turnaround Time ** (check one)					8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 ~~CT List~~ PAHs	8270 PNAs	PCBs ☐ SOX ☐ ASE	Pesticides	Metals										Additional Analysis										TOTAL # OF CONT.	NOTE #
			Same Day *	Next Day *	Two Day *	Three Day *	Std (5-7 Days)									8 RCRA	13 Priority Poll	15 CT DEP	Total	SPLP	TCLP	Dissolved	Field Filtered	Lab to Filter												
H7 - S2 6ft	10/17/22	S			X						X	X																					2	
PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)											C	C																						2
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)											G	G																						

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

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Justin O'Leary	10/19/22	10/20/22
	10/20/22 1600	10/20/22 1600

NOTES:

Client / Reporting Information

Company Name: Kropp Environmental
Address: P.O. Box 258
City: Lebanon State: CT Zip: 06249
Report To: Sally E-mail: sally@kroppenvironmental.com
Phone #: 860-642-9952 Fax #:

Project Information

Project: Old Lyme Region 18 School PO #:
Location: 49 Lyme St, Old Lyme Project #: 22(S)216
CET Quote # Collector(s): AJ

QA/QC: ☒ Std ☐ Site Specific (MS/MSD) * ☐ RCP Pkg * ☐ DQAW *
Data Report: ☒ PDF ☐ EDD - Specify Format Other
RSR Reporting Limits (check one): ☒ GA ☐ GB ☐ SWP ☐ Other
Laboratory Certification Needed (check one): ☒ CT ☐ NY ☐ RI ☐ MA ☐ PA
Temp Upon Receipt 4 °C Evidence of Cooling: ☒ 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: Ms. Sally Kropp
Kropp Environmental Contractors, Inc.
P.O. Box 258
Lebanon, CT 06249

Analytical Report

CET# 2120841

Report Date:January 10, 2023
Project: Old Lyme Region 18 School, 49 Lyme St
Project Number: 22(S)216

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 16.1°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
SS-1	2120841-01	Soil	12/30/2022 9:30	12/30/2022
SS-2	2120841-02	Soil	12/30/2022 9:40	12/30/2022
SS-3	2120841-03	Soil	12/30/2022 10:30	12/30/2022
SS-4	2120841-04	Soil	12/30/2022 10:40	12/30/2022
SS-5	2120841-05	Soil	12/30/2022 11:10	12/30/2022
SS-6	2120841-06	Soil	12/30/2022 11:20	12/30/2022

Analyte: Percent Solids [SM 2540 G]

Analyst: CGR

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
2120841-01	SS-1	86	1.0	%	1	B3A1026	01/10/2023	01/10/2023 15:00	
2120841-02	SS-2	78	1.0	%	1	B3A1026	01/10/2023	01/10/2023 15:00	
2120841-03	SS-3	96	1.0	%	1	B3A1026	01/10/2023	01/10/2023 15:00	
2120841-04	SS-4	82	1.0	%	1	B3A1026	01/10/2023	01/10/2023 15:00	
2120841-05	SS-5	96	1.0	%	1	B3A1026	01/10/2023	01/10/2023 15:00	
2120841-06	SS-6	82	1.0	%	1	B3A1026	01/10/2023	01/10/2023 15:00	

Client Sample ID SS-1

Lab ID: 2120841-01

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	20	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
Chloromethane	ND	13	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	*C1
Vinyl Chloride	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
Bromomethane	ND	13	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	*C1*I
Chloroethane	ND	13	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
Trichlorofluoromethane	ND	53	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
Acetone	ND	200	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
Acrylonitrile	ND	11	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
Trichlorotrifluoroethane	ND	53	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
1,1-Dichloroethene	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
Methylene Chloride	ND	80	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
Carbon Disulfide	ND	13	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
Methyl-t-Butyl Ether (MTBE)	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
trans-1,2-Dichloroethene	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
1,1-Dichloroethane	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
2-Butanone (MEK)	ND	33	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
2,2-Dichloropropane	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
cis-1,2-Dichloroethene	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
Bromochloromethane	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
Chloroform	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
Tetrahydrofuran	ND	33	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
1,1,1-Trichloroethane	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
Carbon Tetrachloride	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
1,1-Dichloropropene	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
Benzene	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
1,2-Dichloroethane	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
Trichloroethene	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
1,2-Dichloropropane	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
Dibromomethane	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
Bromodichloromethane	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
Methyl Isobutyl Ketone	ND	33	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
cis-1,3-Dichloropropene	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
Toluene	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
trans-1,3-Dichloropropene	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
2-Hexanone	ND	33	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
1,1,2-Trichloroethane	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
Tetrachloroethene	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	

Client Sample ID SS-1

Lab ID: 2120841-01

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
1,3-Dichloropropane	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
Dibromochloromethane	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
1,2-Dibromoethane	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
trans-1,4-Dichloro-2-Butene	ND	33	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
Chlorobenzene	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
1,1,1,2-Tetrachloroethane	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
Ethylbenzene	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
m+p Xylenes	ND	13	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
o-Xylene	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
Styrene	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
Bromoform	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
Isopropylbenzene	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
1,1,2,2-Tetrachloroethane	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
Bromobenzene	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
1,2,3-Trichloropropane	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
n-Propylbenzene	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
2-Chlorotoluene	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
4-Chlorotoluene	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
1,3,5-Trimethylbenzene	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
tert-Butylbenzene	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
1,2,4-Trimethylbenzene	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
sec-Butylbenzene	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
1,3-Dichlorobenzene	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
4-Isopropyltoluene	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
1,4-Dichlorobenzene	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
1,2-Dichlorobenzene	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
n-Butylbenzene	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
1,2-Dibromo-3-Chloropropane	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	*C2
1,2,4-Trichlorobenzene	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
Hexachlorobutadiene	ND	6.7	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
Naphthalene	ND	13	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
1,2,3-Trichlorobenzene	ND	13	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:12	
Surrogate: 1,2-Dichloroethane-d4	*96.2 %*		*70 - 130*		B3A0521	01/05/2023	*01/05/2023 12:12*	
Surrogate: Toluene-d8	*104 %*		*70 - 130*		B3A0521	01/05/2023	*01/05/2023 12:12*	
Surrogate: 4-Bromofluorobenzene	*88.5 %*		*70 - 130*		B3A0521	01/05/2023	*01/05/2023 12:12*	

Client Sample ID SS-2

Lab ID: 2120841-02

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	20	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
Chloromethane	ND	13	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	*C1
Vinyl Chloride	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
Bromomethane	ND	13	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	*C1*I
Chloroethane	ND	13	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
Trichlorofluoromethane	ND	54	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
Acetone	ND	200	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
Acrylonitrile	ND	11	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
Trichlorotrifluoroethane	ND	54	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
1,1-Dichloroethene	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
Methylene Chloride	ND	81	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
Carbon Disulfide	ND	13	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
Methyl-t-Butyl Ether (MTBE)	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
trans-1,2-Dichloroethene	**58**	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
1,1-Dichloroethane	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
2-Butanone (MEK)	ND	34	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
2,2-Dichloropropane	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
cis-1,2-Dichloroethene	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
Bromochloromethane	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
Chloroform	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
Tetrahydrofuran	ND	34	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
1,1,1-Trichloroethane	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
Carbon Tetrachloride	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
1,1-Dichloropropene	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
Benzene	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
1,2-Dichloroethane	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
Trichloroethene	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
1,2-Dichloropropane	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
Dibromomethane	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
Bromodichloromethane	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
Methyl Isobutyl Ketone	ND	34	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
cis-1,3-Dichloropropene	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
Toluene	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
trans-1,3-Dichloropropene	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
2-Hexanone	ND	34	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
1,1,2-Trichloroethane	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
Tetrachloroethene	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	

Client Sample ID SS-2

Lab ID: 2120841-02

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
1,3-Dichloropropane	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
Dibromochloromethane	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
1,2-Dibromoethane	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
trans-1,4-Dichloro-2-Butene	ND	34	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
Chlorobenzene	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
1,1,1,2-Tetrachloroethane	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
Ethylbenzene	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
m+p Xylenes	ND	13	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
o-Xylene	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
Styrene	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
Bromoform	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
Isopropylbenzene	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
1,1,2,2-Tetrachloroethane	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
Bromobenzene	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
1,2,3-Trichloropropane	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
n-Propylbenzene	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
2-Chlorotoluene	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
4-Chlorotoluene	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
1,3,5-Trimethylbenzene	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
tert-Butylbenzene	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
1,2,4-Trimethylbenzene	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
sec-Butylbenzene	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
1,3-Dichlorobenzene	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
4-Isopropyltoluene	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
1,4-Dichlorobenzene	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
1,2-Dichlorobenzene	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
n-Butylbenzene	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
1,2-Dibromo-3-Chloropropane	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	*C2
1,2,4-Trichlorobenzene	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
Hexachlorobutadiene	ND	6.7	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
Naphthalene	ND	13	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
1,2,3-Trichlorobenzene	ND	13	2.1	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 12:39	
Surrogate: 1,2-Dichloroethane-d4	*98.0 %*		*70 - 130*		B3A0521	01/05/2023	*01/05/2023 12:39*	
Surrogate: Toluene-d8	*102 %*		*70 - 130*		B3A0521	01/05/2023	*01/05/2023 12:39*	
Surrogate: 4-Bromofluorobenzene	*86.5 %*		*70 - 130*		B3A0521	01/05/2023	*01/05/2023 12:39*	

Client Sample ID SS-3

Lab ID: 2120841-03

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	20	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
Chloromethane	ND	13	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	*C1
Vinyl Chloride	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
Bromomethane	ND	13	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	*C1*I
Chloroethane	ND	13	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
Trichlorofluoromethane	ND	54	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
Acetone	ND	200	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
Acrylonitrile	ND	11	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
Trichlorotrifluoroethane	ND	54	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
1,1-Dichloroethene	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
Methylene Chloride	ND	81	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
Carbon Disulfide	ND	13	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
Methyl-t-Butyl Ether (MTBE)	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
trans-1,2-Dichloroethene	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
1,1-Dichloroethane	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
2-Butanone (MEK)	ND	34	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
2,2-Dichloropropane	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
cis-1,2-Dichloroethene	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
Bromochloromethane	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
Chloroform	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
Tetrahydrofuran	ND	34	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
1,1,1-Trichloroethane	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
Carbon Tetrachloride	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
1,1-Dichloropropene	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
Benzene	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
1,2-Dichloroethane	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
Trichloroethene	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
1,2-Dichloropropane	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
Dibromomethane	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
Bromodichloromethane	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
Methyl Isobutyl Ketone	ND	34	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
cis-1,3-Dichloropropene	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
Toluene	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
trans-1,3-Dichloropropene	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
2-Hexanone	ND	34	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
1,1,2-Trichloroethane	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
Tetrachloroethene	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	

Client Sample ID SS-3

Lab ID: 2120841-03

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
1,3-Dichloropropane	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
Dibromochloromethane	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
1,2-Dibromoethane	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
trans-1,4-Dichloro-2-Butene	ND	34	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
Chlorobenzene	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
1,1,1,2-Tetrachloroethane	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
Ethylbenzene	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
m+p Xylenes	ND	13	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
o-Xylene	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
Styrene	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
Bromoform	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
Isopropylbenzene	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
1,1,2,2-Tetrachloroethane	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
Bromobenzene	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
1,2,3-Trichloropropane	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
n-Propylbenzene	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
2-Chlorotoluene	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
4-Chlorotoluene	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
1,3,5-Trimethylbenzene	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
tert-Butylbenzene	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
1,2,4-Trimethylbenzene	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
sec-Butylbenzene	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
1,3-Dichlorobenzene	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
4-Isopropyltoluene	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
1,4-Dichlorobenzene	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
1,2-Dichlorobenzene	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
n-Butylbenzene	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
1,2-Dibromo-3-Chloropropane	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	*C2
1,2,4-Trichlorobenzene	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
Hexachlorobutadiene	ND	6.7	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
Naphthalene	ND	13	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
1,2,3-Trichlorobenzene	ND	13	2.58	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:07	
Surrogate: 1,2-Dichloroethane-d4	*120 %*		*70 - 130*		B3A0521	01/05/2023	*01/05/2023 13:07*	
Surrogate: Toluene-d8	*105 %*		*70 - 130*		B3A0521	01/05/2023	*01/05/2023 13:07*	
Surrogate: 4-Bromofluorobenzene	*92.3 %*		*70 - 130*		B3A0521	01/05/2023	*01/05/2023 13:07*	

Client Sample ID SS-4

Lab ID: 2120841-04

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	20	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
Chloromethane	ND	14	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	*C1
Vinyl Chloride	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
Bromomethane	ND	14	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	*C1*I
Chloroethane	ND	14	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
Trichlorofluoromethane	ND	54	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
Acetone	ND	200	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
Acrylonitrile	ND	11	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
Trichlorotrifluoroethane	ND	54	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
1,1-Dichloroethene	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
Methylene Chloride	ND	82	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
Carbon Disulfide	ND	14	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
Methyl-t-Butyl Ether (MTBE)	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
trans-1,2-Dichloroethene	**180**	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
1,1-Dichloroethane	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
2-Butanone (MEK)	ND	34	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
2,2-Dichloropropane	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
cis-1,2-Dichloroethene	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
Bromochloromethane	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
Chloroform	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
Tetrahydrofuran	ND	34	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
1,1,1-Trichloroethane	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
Carbon Tetrachloride	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
1,1-Dichloropropene	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
Benzene	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
1,2-Dichloroethane	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
Trichloroethene	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
1,2-Dichloropropane	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
Dibromomethane	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
Bromodichloromethane	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
Methyl Isobutyl Ketone	ND	34	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
cis-1,3-Dichloropropene	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
Toluene	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
trans-1,3-Dichloropropene	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
2-Hexanone	ND	34	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
1,1,2-Trichloroethane	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
Tetrachloroethene	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	

Client Sample ID SS-4

Lab ID: 2120841-04

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
1,3-Dichloropropane	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
Dibromochloromethane	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
1,2-Dibromoethane	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
trans-1,4-Dichloro-2-Butene	ND	34	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
Chlorobenzene	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
1,1,1,2-Tetrachloroethane	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
Ethylbenzene	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
m+p Xylenes	ND	14	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
o-Xylene	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
Styrene	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
Bromoform	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
Isopropylbenzene	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
1,1,2,2-Tetrachloroethane	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
Bromobenzene	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
1,2,3-Trichloropropane	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
n-Propylbenzene	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
2-Chlorotoluene	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
4-Chlorotoluene	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
1,3,5-Trimethylbenzene	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
tert-Butylbenzene	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
1,2,4-Trimethylbenzene	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
sec-Butylbenzene	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
1,3-Dichlorobenzene	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
4-Isopropyltoluene	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
1,4-Dichlorobenzene	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
1,2-Dichlorobenzene	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
n-Butylbenzene	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
1,2-Dibromo-3-Chloropropane	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	*C2
1,2,4-Trichlorobenzene	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
Hexachlorobutadiene	ND	6.8	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
Naphthalene	ND	14	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
1,2,3-Trichlorobenzene	ND	14	2.24	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 13:35	
Surrogate: 1,2-Dichloroethane-d4	*105 %*		*70 - 130*		B3A0521	01/05/2023	*01/05/2023 13:35*	
Surrogate: Toluene-d8	*103 %*		*70 - 130*		B3A0521	01/05/2023	*01/05/2023 13:35*	
Surrogate: 4-Bromofluorobenzene	*89.6 %*		*70 - 130*		B3A0521	01/05/2023	*01/05/2023 13:35*	

Client Sample ID SS-5

Lab ID: 2120841-05

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
Dichlorodifluoromethane	ND	18	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
Chloromethane	ND	12	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	*C1
Vinyl Chloride	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
Bromomethane	ND	12	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	*C1*I
Chloroethane	ND	12	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
Trichlorofluoromethane	ND	48	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
Acetone	ND	180	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
Acrylonitrile	ND	9.5	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
Trichlorotrifluoroethane	ND	48	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
1,1-Dichloroethene	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
Methylene Chloride	ND	72	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
Carbon Disulfide	ND	12	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
Methyl-t-Butyl Ether (MTBE)	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
trans-1,2-Dichloroethene	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
1,1-Dichloroethane	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
2-Butanone (MEK)	ND	30	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
2,2-Dichloropropane	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
cis-1,2-Dichloroethene	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
Bromochloromethane	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
Chloroform	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
Tetrahydrofuran	ND	30	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
1,1,1-Trichloroethane	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
Carbon Tetrachloride	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
1,1-Dichloropropene	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
Benzene	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
1,2-Dichloroethane	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
Trichloroethene	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
1,2-Dichloropropane	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
Dibromomethane	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
Bromodichloromethane	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
Methyl Isobutyl Ketone	ND	30	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
cis-1,3-Dichloropropene	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
Toluene	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
trans-1,3-Dichloropropene	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
2-Hexanone	ND	30	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
1,1,2-Trichloroethane	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
Tetrachloroethene	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	

Client Sample ID SS-5

Lab ID: 2120841-05

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
1,3-Dichloropropane	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
Dibromochloromethane	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
1,2-Dibromoethane	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
trans-1,4-Dichloro-2-Butene	ND	30	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
Chlorobenzene	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
1,1,1,2-Tetrachloroethane	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
Ethylbenzene	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
m+p Xylenes	ND	12	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
o-Xylene	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
Styrene	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
Bromoform	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
Isopropylbenzene	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
1,1,2,2-Tetrachloroethane	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
Bromobenzene	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
1,2,3-Trichloropropane	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
n-Propylbenzene	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
2-Chlorotoluene	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
4-Chlorotoluene	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
1,3,5-Trimethylbenzene	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
tert-Butylbenzene	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
1,2,4-Trimethylbenzene	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
sec-Butylbenzene	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
1,3-Dichlorobenzene	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
4-Isopropyltoluene	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
1,4-Dichlorobenzene	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
1,2-Dichlorobenzene	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
n-Butylbenzene	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
1,2-Dibromo-3-Chloropropane	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	*C2
1,2,4-Trichlorobenzene	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
Hexachlorobutadiene	ND	6.0	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
Naphthalene	ND	12	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
1,2,3-Trichlorobenzene	ND	12	2.28	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:03	
Surrogate: 1,2-Dichloroethane-d4	*104 %*		*70 - 130*		B3A0521	01/05/2023	*01/05/2023 14:03*	
Surrogate: Toluene-d8	*104 %*		*70 - 130*		B3A0521	01/05/2023	*01/05/2023 14:03*	
Surrogate: 4-Bromofluorobenzene	*90.6 %*		*70 - 130*		B3A0521	01/05/2023	*01/05/2023 14:03*	

Client Sample ID SS-6

Lab ID: 2120841-06

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
Dichlorodifluoromethane	ND	21	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
Chloromethane	ND	14	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	*C1
Vinyl Chloride	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
Bromomethane	ND	14	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	*C1*I
Chloroethane	ND	14	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
Trichlorofluoromethane	ND	55	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
Acetone	ND	210	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
Acrylonitrile	ND	11	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
Trichlorotrifluoroethane	ND	55	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
1,1-Dichloroethene	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
Methylene Chloride	ND	83	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
Carbon Disulfide	ND	14	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
Methyl-t-Butyl Ether (MTBE)	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
trans-1,2-Dichloroethene	**230**	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
1,1-Dichloroethane	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
2-Butanone (MEK)	ND	34	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
2,2-Dichloropropane	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
cis-1,2-Dichloroethene	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
Bromochloromethane	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
Chloroform	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
Tetrahydrofuran	ND	34	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
1,1,1-Trichloroethane	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
Carbon Tetrachloride	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
1,1-Dichloropropene	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
Benzene	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
1,2-Dichloroethane	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
Trichloroethene	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
1,2-Dichloropropane	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
Dibromomethane	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
Bromodichloromethane	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
Methyl Isobutyl Ketone	ND	34	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
cis-1,3-Dichloropropene	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
Toluene	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
trans-1,3-Dichloropropene	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
2-Hexanone	ND	34	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
1,1,2-Trichloroethane	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
Tetrachloroethene	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	

Client Sample ID SS-6

Lab ID: 2120841-06

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
1,3-Dichloropropane	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
Dibromochloromethane	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
1,2-Dibromoethane	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
trans-1,4-Dichloro-2-Butene	ND	34	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
Chlorobenzene	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
1,1,1,2-Tetrachloroethane	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
Ethylbenzene	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
m+p Xylenes	ND	14	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
o-Xylene	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
Styrene	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
Bromoform	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
Isopropylbenzene	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
1,1,2,2-Tetrachloroethane	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
Bromobenzene	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
1,2,3-Trichloropropane	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
n-Propylbenzene	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
2-Chlorotoluene	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
4-Chlorotoluene	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
1,3,5-Trimethylbenzene	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
tert-Butylbenzene	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
1,2,4-Trimethylbenzene	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
sec-Butylbenzene	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
1,3-Dichlorobenzene	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
4-Isopropyltoluene	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
1,4-Dichlorobenzene	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
1,2-Dichlorobenzene	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
n-Butylbenzene	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
1,2-Dibromo-3-Chloropropane	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	*C2
1,2,4-Trichlorobenzene	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
Hexachlorobutadiene	ND	6.9	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
Naphthalene	ND	14	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
1,2,3-Trichlorobenzene	ND	14	2.26	EPA 5035A-L	B3A0521	01/05/2023	01/05/2023 14:31	
Surrogate: 1,2-Dichloroethane-d4	*104 %*		*70 - 130*		B3A0521	01/05/2023	*01/05/2023 14:31*	
Surrogate: Toluene-d8	*104 %*		*70 - 130*		B3A0521	01/05/2023	*01/05/2023 14:31*	
Surrogate: 4-Bromofluorobenzene	*90.1 %*		*70 - 130*		B3A0521	01/05/2023	*01/05/2023 14:31*	

QUALITY CONTROL SECTION

Batch B3A0521 - EPA 8260C

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B3A0521-BLK1)					Prepared: 1/5/2023 Analyzed: 1/5/2023				
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							

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B3A0521-BLK1) - Continued					Prepared: 1/5/2023 Analyzed: 1/5/2023				
1,1,2,2-Tetrachloroethane	ND	2.5							
Bromobenzene	ND	2.5							
1,2,3-Trichloropropane	ND	2.5							
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					*104*	*70 - 130*			
Surrogate: Toluene-d8					*96.4*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*94.1*	*70 - 130*			
LCS (B3A0521-BS1)					Prepared: 1/5/2023 Analyzed: 1/5/2023				
Dichlorodifluoromethane	43.5	7.5	50.000		87.0	70 - 130			
Chloromethane	39.8	5.0	50.000		79.6	70 - 130			
Vinyl Chloride	45.8	2.5	50.000		91.6	70 - 130			
Bromomethane	39.1	5.0	50.000		78.2	70 - 130			
Chloroethane	41.5	5.0	50.000		82.9	70 - 130			
Trichlorofluoromethane	41.0	20	50.000		82.0	70 - 130			
Acetone	105	75	100.000		105	70 - 130			
Acrylonitrile	44.2	4.0	50.000		88.4	70 - 130			
Trichlorotrifluoroethane	46.0	20	50.000		92.1	70 - 130			
1,1-Dichloroethene	46.7	2.5	50.000		93.4	70 - 130			
Methylene Chloride	58.0	30	50.000		116	70 - 130			
Carbon Disulfide	56.8	5.0	50.000		114	70 - 130			
Methyl-t-Butyl Ether (MTBE)	41.2	2.5	50.000		82.4	70 - 130			
trans-1,2-Dichloroethene	43.7	2.5	50.000		87.4	70 - 130			
1,1-Dichloroethane	43.2	2.5	50.000		86.4	70 - 130			
2-Butanone (MEK)	91.4	13	100.000		91.4	70 - 130			
2,2-Dichloropropane	48.6	2.5	50.000		97.1	70 - 130			
cis-1,2-Dichloroethene	42.4	2.5	50.000		84.7	70 - 130			
Bromochloromethane	42.1	2.5	50.000		84.2	70 - 130			
Chloroform	41.3	2.5	50.000		82.6	70 - 130			
Tetrahydrofuran	40.6	13	50.000		81.2	70 - 130			
1,1,1-Trichloroethane	44.5	2.5	50.000		88.9	70 - 130			
Carbon Tetrachloride	47.7	2.5	50.000		95.5	70 - 130			
1,1-Dichloropropene	42.2	2.5	50.000		84.4	70 - 130			
Benzene	42.8	2.5	50.000		85.6	70 - 130			
1,2-Dichloroethane	40.4	2.5	50.000		80.8	70 - 130			
Trichloroethene	42.4	2.5	50.000		84.9	70 - 130			
1,2-Dichloropropane	41.1	2.5	50.000		82.2	70 - 130			

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B3A0521-BS1) - Continued					Prepared: 1/5/2023 Analyzed: 1/5/2023				
Dibromomethane	44.0	2.5	50.000		88.0	70 - 130			
Bromodichloromethane	43.1	2.5	50.000		86.2	70 - 130			
Methyl Isobutyl Ketone	81.4	13	100.000		81.4	70 - 130			
cis-1,3-Dichloropropene	43.9	2.5	50.000		87.8	70 - 130			
Toluene	40.5	2.5	50.000		80.9	70 - 130			
trans-1,3-Dichloropropene	44.8	2.5	50.000		89.7	70 - 130			
2-Hexanone	80.1	13	100.000		80.1	70 - 130			
1,1,2-Trichloroethane	41.1	2.5	50.000		82.1	70 - 130			
Tetrachloroethene	42.7	2.5	50.000		85.4	70 - 130			
1,3-Dichloropropane	40.3	2.5	50.000		80.6	70 - 130			
Dibromochloromethane	53.4	2.5	50.000		107	70 - 130			
1,2-Dibromoethane	51.3	2.5	50.000		103	70 - 130			
trans-1,4-Dichloro-2-Butene	56.1	13	50.000		112	70 - 130			
Chlorobenzene	48.8	2.5	50.000		97.6	70 - 130			
1,1,1,2-Tetrachloroethane	50.9	2.5	50.000		102	70 - 130			
Ethylbenzene	50.7	2.5	50.000		101	70 - 130			
m+p Xylenes	103	5.0	100.000		103	70 - 130			
o-Xylene	50.7	2.5	50.000		101	70 - 130			
Styrene	52.0	2.5	50.000		104	70 - 130			
Bromoform	54.0	2.5	50.000		108	70 - 130			
Isopropylbenzene	49.0	2.5	50.000		98.0	70 - 130			
1,1,2,2-Tetrachloroethane	51.5	2.5	50.000		103	70 - 130			
Bromobenzene	53.7	2.5	50.000		107	70 - 130			
1,2,3-Trichloropropane	53.6	2.5	50.000		107	70 - 130			
n-Propylbenzene	56.5	2.5	50.000		113	70 - 130			
2-Chlorotoluene	54.5	2.5	50.000		109	70 - 130			
4-Chlorotoluene	54.2	2.5	50.000		108	70 - 130			
1,3,5-Trimethylbenzene	54.7	2.5	50.000		109	70 - 130			
tert-Butylbenzene	55.3	2.5	50.000		111	70 - 130			
1,2,4-Trimethylbenzene	53.6	2.5	50.000		107	70 - 130			
sec-Butylbenzene	58.9	2.5	50.000		118	70 - 130			
1,3-Dichlorobenzene	52.0	2.5	50.000		104	70 - 130			
4-Isopropyltoluene	53.0	2.5	50.000		106	70 - 130			
1,4-Dichlorobenzene	50.9	2.5	50.000		102	70 - 130			
1,2-Dichlorobenzene	51.2	2.5	50.000		102	70 - 130			
n-Butylbenzene	51.3	2.5	50.000		103	70 - 130			
1,2-Dibromo-3-Chloropropane	62.6	2.5	50.000		125	70 - 130			
1,2,4-Trichlorobenzene	51.0	2.5	50.000		102	70 - 130			
Hexachlorobutadiene	53.7	2.5	50.000		107	70 - 130			
Naphthalene	58.0	5.0	50.000		116	70 - 130			
1,2,3-Trichlorobenzene	51.7	5.0	50.000		103	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*107*	*70 - 130*			
Surrogate: Toluene-d8					*93.0*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*94.4*	*70 - 130*			

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

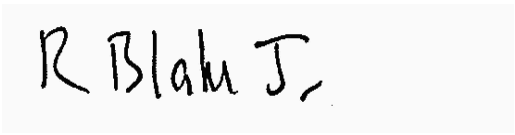
New York NELAP Accreditation 11982
Rhode Island Certification 199

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

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.

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 8260C in Soil	
m+p Xylenes	CT,NY,PA
o-Xylene	CT,NY,PA
Styrene	CT,NY,PA
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

2120841

CHAIN OF CUSTODY

COMPLETE ENVIRONMENTAL TESTING, INC.

Volatile Soils Only:

Date and Time in Freezer
Client:
CET: 12/30/22 13:25

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 #
SS-1	12/30/22 9:30	S	X	X								3	
SS-2	12/30 9:40	S	X	X								3	
SS-3	12/30 10:30	S	X	X								3	
SS-4	12/30 10:40	S	X	X								3	
SS-5	12/30 11:10	S	X	X								3	
SS-6	12/30 11:20	S	X	X								3	
PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)				N/A								18	
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)				V									
Soil VOCs Only (M=MeOH B=Sodium Bisulfate W=Water F=Empty Vial E=Encore)				M/F									

RELINQUISHED BY: Paul W. Martell — DATE/TIME: 12/30/22 13:07 — RECEIVED BY: Cat Cat

RELINQUISHED BY: — DATE/TIME: — RECEIVED BY:

RELINQUISHED BY: — DATE/TIME: — RECEIVED BY:

NOTES:

Client / Reporting Information

Company Name: Kropp Environmental
Address: P.O. Box 258
City: Lebanon — State: CT — Zip: 06249
Report To: Sally Kropp — E-mail: Sally@Kroppenvironmental.com
Phone #: 860-642-9952 — Fax #:

Project Information

Project: Old Lyme Schools — PO #:
Location: 47 Lyme St, Old Lyme — Project #: 8.2(5).216
CET Quote # — Collector(s): Paul Martell

QA/QC: ☒ Std ☐ Site Specific (MS/MSD) * ☐ RCP Pkg * ☐ DQAW *
Data Report: ☒ PDF ☐ EDD - Specify Format ____ Other ____
RSR Reporting Limits (check one): ☒ GA ☐ GB ☐ SWP ☐ Other ____
Laboratory Certification Needed (check one): ☒ CT ☐ NY ☐ RI ☐ MA ☐ PA

Temp Upon Receipt: 16.1 °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

KROPP ENVIRONMENTAL CONTRACTORS, INC.

32 Exeter Road, Lebanon, CT
(860) 642-9952

Project Number:	22(S)216
Client:	Old Lyme Schools
Address:	49 Lyme Street
	Old Lyme, CT
CBYD Number:	

Date:	8/16/2022
Driller:	FO
Helper:	AJ
Geologist:	PWM

Boring Number:	MW-1
Location:	East of Drywell

Depth (five foot invervals)	Depth (feet)	PID (ppm)	Water	% Recovery	Lithology/Remarks
0		0.0			0-1', Grass and Topsoil, SILT, little VF sand, tan-lt brown, dry
		0.0			1-2.5', SAND, F-VF, some VF gravel, cobble fragments, mottled tan, lt brown, brown, dry
				48"	
		0.0			2.5-5', SAND, F-M, tr silt, VF gravel, well sorted, brown to orange brown, dry
5					
		0.0			5-7.5', SAND, F-C, tr silt, VF gravel, some cobble fragments, mottled graybrown,lt brown,dry
				100%	
		0.0			7.5-10', SAND, F-M, tr C, silt, well sorted, brown to orangebrown, no odor, wet @ 8'
10					
					End of Boring @ 10'
					Drove Rods to 13' and Set Well
					10' of screen set at 3-13'

Inferred depth to groundwater (ft bgs): 8'

Inferred depth of refusal (ft bgs):

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32 Exeter Road, Lebanon, CT
(860) 642-9952

Project Number: 22(S)216
Client: Old Lyme Schools
Address: 49 Lyme Street
Old Lyme, CT
CBYD Number:

Date: 8/16/2022
Driller: FO
Helper: AJ
Geologist: PWM

Boring Number: MW-2
Location: Southwest of Drywell in Island

Depth (five foot invervals)	Depth (feet)	PID (ppm)	Water	% Recovery	Lithology/Remarks
0		0.0			0-8", Topsoil and grass
		0.0			8"-4', SAND, F-M, tr C, little silt, cobble fragments, mottled graybrown, tan/lt brown, dry
				42"	
5		0.0			4-5", SAND, F-c, little F gravel, orange brown, dry
		0.0			5-6', SAND, VF-F, some silt, tr C sand, lttle F gravel, graybrown, dry
		0.0			6-8', SAND, F-C, tr F gravel, mottled orang brown/graybrown, moist at tip
				49"	
		0.0	8'		8-10', SAND, F-M, tr silt, well sorted, graybrown, wet
10					
					End of Boring at 10'
					Pushed Rods to 13.5' and Set Well
					10' of screen set at 3.5-13.5'

Inferred depth to groundwater (ft bgs): 8'
Inferred depth of refusal (ft bgs):

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Project Number: 22(S)216
Client: Old Lyme Schools
Address: 49 Lyme Street
Old Lyme, CT
CBYD Number:

Date: 8/16/2022
Driller: FO
Helper: AJ
Geologist: PWM

Boring Number: MW-3
Location: South of Drywell in Island

Depth (five foot invervals)	Depth (feet)	PID (ppm)	Water	% Recovery	Lithology/Remarks
0		0.0			0-6", Topsoil and Grass
		0.0			6'-2', SAND, F-VF, some silt, tr F gravel, brown, dry
		0.0		42"	2-5', SAND, F-VF, little M, some silt, F gravel, orangebrown, dry
5					
		0.0			5-8', SAND, F-VF, tr M, silt,some F gravel,cobble fragments, graybrown to orange brown,dry
				100%	
		0.0	8'		8-10', SAND, F-M, tr C, well sorted, tr F gravel, graybrown to orange brown, wet
10					
					End of Boring at 10'
					Pushed rods to 13.5' and set well
					10' of screen set at 3.5 to 13.5'

Inferred depth to groundwater (ft bgs): 8'
Inferred depth of refusal (ft bgs):

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32 Exeter Road, Lebanon, CT
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Project Number: 22(S)216
Client: Old Lyme Schools
Address: 49 Lyme Street
Old Lyme, CT
CBYD Number:

Date: 8/16/2022
Driller: FO
Helper: AJ
Geologist: PWM

Boring Number: MW-4
Location: West of Drywell

Depth (five foot invervals)	Depth (feet)	PID (ppm)	Water	% Recovery	Lithology/Remarks
0		--			0-14', Topsoil and Grass
		0.0			14'-3.5', SAND, F, some silt, some F gravel, tan to light brown, dry
				44"	
		0.0			3.5-5', SAND, f-VF, some silt, 2" gravel layer at bottom, brown to dk brown, dry
5					
		0.0			5-8.5', SAND, f-M, some C, F-M gravel, mottled tan, brown, white, gray, dry
				100%	
		0.0	8'		8.5-10', SAND< F-M, tr C, silt, orangebrown, well sorted, wet
10					
					Endo of Boring at 10'
					Pushed Rods to 14' and set well
					10' screen set at 4-14'

Inferred depth to groundwater (ft bgs): 8
Inferred depth of refusal (ft bgs):

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Project Number: 22(S)216
Client: Old Lyme Schools
Address: 49 Lyme Street
Old Lyme, CT
CBYD Number:

Date: 11/23/2022
Driller: FO
Helper: MC
Geologist: PWM

Boring Number: MW-5
Location: In Grass Southwest of Cafeteria

Depth (five foot invervals)	Depth (feet)	PID (ppm)	Water	% Recovery	Lithology/Remarks
0					0-6", Grass and topsoil
		0.0			6"-2', SAND, VF and SILT, tr M-C sand, little cobble fragments, brown, dry
		0.0		48"	2'-5', SAND, VF-F, some silt, tr M-C sand, little fine gravel, little cobble fragments, brown to orange brown
5					
		0.0			5-8', SAND, F-C, some VF gravel, some bedding, orange to orange brown, dry
				55"	
		0.0			8-9', SILT, some clay, tr VF sand, dark gray
10		0.0			9-10', SAND, F-C, some F gravel, tr silt, orange brown, dry
		0.0			10-11', SAND, as above
		0.0			11-13', SAND, VF-F, well sorted, gray brown, moist at bottom
				100%	
		0.0	13'		13-15', SAND, F-C, tr silt, well sorted, grading to silt at bottom, mottled brown/orange brn
15					
		0.0			15-16.5, SAND, as above
		0.0		100%	16.5-20', SAND, VF-F, tr silt, well sorted, gray
20					
					End of Boring @ 20'
					Set well @ 20' with 10' screen set at 10-20'

Inferred depth to groundwater (ft bgs): 13'
Inferred depth of refusal (ft bgs):

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Project Number: 22(S)216
Client: Old Lyme Schools
Address: 49 Lyme Street
Old Lyme, CT
CBYD Number:

Date: 11/23/2022
Driller: FO
Helper: MC
Geologist: PWM

Boring Number: MW-6
Location: In Grass West of Cafeteria

Depth (five foot invervals)	Depth (feet)	PID (ppm)	Water	% Recovery	Lithology/Remarks
0					0-2'", Grass and topsoil
		0.0		53"	2-5', SAND, F-VF and SILT, tr M-C sand, little F-M gravel, dark brown, dry
5					
		0.0			5-6', SAND, VF and SILT, tr F gravel, organics, dark brown, FILL
		0.0			6-8', SAND, F-VF, some silt, some F gravel, brown
				48"	
		0.0			8-10', SAND, F-C, well sorted, tr fine gravel, gray brown
10					
		0.0			10-11.5', SAND, F-VF, some silt, little F-M gravel, dark brown
		0.0			11.5-13', SAND, F-M, little C, tr F gravel, light gray, moist
				100%	
		0.0	13'		13-15', SAND, F-M, tr C, well sorted, some bedding, tan-lt brown, wet
15					
		0.0			15-16.5', SAND, VF, some silt, gray
					16.5-18', SAND, VF and SILT, tr F gravel, gray to gray brown
		0.0		100%	
		0.0			18-20', SAND, F-C, tr F gravel, brown
20					
					End of Boring @ 20'
					Set well @ 20' with 10' screen set at 10-20'

Inferred depth to groundwater (ft bgs): 13'
Inferred depth of refusal (ft bgs):

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Project Number: 22(S)216
Client: Old Lyme Schools
Address: 49 Lyme Street
Old Lyme, CT
CBYD Number:

Date: 11/23/2022
Driller: FO
Helper: MC
Geologist: PWM

Boring Number: MW-7
Location: In Grass Northwest of Cafeteria

Depth (five foot invervals)	Depth (feet)	PID (ppm)	Water	% Recovery	Lithology/Remarks
0					0-6", Grass and topsoil
		0.0			6"-2', SAND, F-VF, some silt, little F gravel, tr clay, tr cobbles, brown
				29"	
5					
		0.0			5-7', SILT, some clay, little F sand, tr-little F gravel, gray brown, moist
		0.0		50"	7-10', SAND, F-M, tr C, little F gravel, mottled gray/brown/orangebrown
10					
		0.0			10-11.5', SAND, F-M, tr silt, little F gravel, gray brown,dry
		0.0			11.5-15', SAND, F-M, M-C, well sorted, brown, wet
			12'	100%	
15					
					Pushed Rods - No recovery 15-20'
20					
					End of Boring @ 20'
					Set well @ 20' with 10' screen set at 10-20'

Inferred depth to groundwater (ft bgs): 12'
Inferred depth of refusal (ft bgs):

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Project Number: 22(S)216
Client: Old Lyme Schools
Address: 49 Lyme Street
Old Lyme, CT
CBYD Number:

Date: 11/23/2022
Driller: FO
Helper: MC
Geologist: PWM

Boring Number: MW-8
Location: In Grass Northwest of Cafeteria

Depth (five foot invervals)	Depth (feet)	PID (ppm)	Water	% Recovery	Lithology/Remarks
0					0-9", Grass and topsoil
		0.0			9"-2.5', SAND, F-M, some silt, little F gravel, brown
				47"	
		0.0			2.5-5', SAND, F-VF, some silt, little F gravel, tan brown
5					
		0.0			5-8', SILT, some clay, little VF sand, tan brown, dry
				58"	
		0.0			8-10', SAND, F-C, little F rounded gravel, lt gray to tan brown
10					
		0.0			10-11', SAND, F-VF, some silt, lttle F gravel, tan brown, dry
		0.0			11-13", SAND, F-M, tr C, well sorted, lt gray, moist at bottom
				100%	
		0.0	13'		13-15', SAND, F, tr M-C, well sorted, tr F gravel, gray brown, wet
15					
		0.0			15-17', SAND, VF, some silt, gray brown to brown
		0.0		100%	17-20', SAND, F-VF, little M-C, tr silt, tr F gravel, brown
20					
					End of Boring @ 20'
					Set well @ 20' with 10' screen set at 10-20'

Inferred depth to groundwater (ft bgs): 13'
Inferred depth of refusal (ft bgs):

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Project Number: 22(S)216
Client: Old Lyme Schools
Address: 49 Lyme Street
Old Lyme, CT
CBYD Number:

Date: 12/30/2022
Driller: FO
Helper: AJ
Geologist: PWM

Boring Number: MW-9
Location: In Grass, West Side of Driveway, West of Cafeteria

Depth (five foot invervals)	Depth (feet)	PID (ppm)	Water	% Recovery	Lithology/Remarks
0					0-6", Grass and topsoil
		0.0			6'-2', SAND, VF-F, some silt, little F gravel, dk brown
		0.0		48"	2-5', SAND, VF-F, some M, tr F gravel, tanbrown
5					
		0.0			5-5.5', SAND, As above
		0.0			5.5-7', SAND, F-C, little F gravel, tanbrown
		0.0		51"	7-10" SAND, M-C, little F, some F-VF gravel, tanbrown, moist
10					
		0.0	10'		10-11', SILT, some VF sand, graybrown, wet
		0.0			11-13", SAND, F-C, well sorted, orangebrown
				100%	
		0.0			13-15', SAND, M-C, little F, well sorted, orangebrown, grading to graybrown
15					
		0.0			15-18', SILT, tr VF sand, dense, graybrown
				36"	
					End of Boring @ 18"
					Set well @ 18' with 10' screen set at 8-18'
20					

Inferred depth to groundwater (ft bgs): 10'
Inferred depth of refusal (ft bgs):

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32 Exeter Road, Lebanon, CT
(860) 642-9952

Project Number: 22(S)216
Client: Old Lyme Schools
Address: 49 Lyme Street
Old Lyme, CT
CBYD Number:

Date: 12/30/2022
Driller: FO
Helper: AJ
Geologist: PWM

Boring Number: MW-10
Location: In Grass, West Side of Driveway, NW of Cafeteria

Depth (five foot invervals)	Depth (feet)	PID (ppm)	Water	% Recovery	Lithology/Remarks
0					0-6", Grass and topsoil
		0.0			6'-2.5', SAND, F, some VF, little silt, some F gravel, tr asphalt, dk brown, FILL
		0.0		40"	2.5-5', SAND, VF-F, tr M, tr silt, orangebrown
5					
		0.0			5-7', SAND, F-C, tr VF gravel, orangebrown
		0.0		48"	7-9', SAND, F-M, tr C, graybrown, dry
10		0.0			9-11', SAND, F-M, tr C, well sorthed, graybrown
		0.0	11'		11-13', SAND, F-C, tr VF gravel, graybrown, wet
				100%	
		0.0			13-15', SAND, F-M, tr C, orangebrown, well sorted
15					
		0.0			15-19', SILT, tr VF sand, dense, gray
				100%	
					End of Boring @ 19'
					Set well @ 18' with 10' screen set at 8-18'
20					

Inferred depth to groundwater (ft bgs): 11'
Inferred depth of refusal (ft bgs):

KROPP
ENVIRONMENTAL CONTRACTORS, INC.
32 Exeter Road, Lebanon, CT
(860) 642-9952

Project Number: 22(S)216
Client: Old Lyme Schools
Address: 49 Lyme Street
Old Lyme, CT
CBYD Number:

Date: 12/30/2022
Driller: FO
Helper: AJ
Geologist: PWM

Boring Number: MW-11
Location: In Grass, West Side of Driveway, NW of Cafeteria

Depth (five foot invervals)	Depth (feet)	PID (ppm)	Water	% Recovery	Lithology/Remarks
0					0-1', Grass and topsoil
		0.0			1-4', SAND, VF-F, tr F gravel, dk brown
				45"	
5		0.0			4-5', SAND, VF and SILT, tr clay, redbrown, tr roots
		0.0			5-8.5', SAND, F-C, some F gravel, graybrown
				48"	
		0.0			8.5-9', SAND, F-C, tr F gravel, gray, dry
10		0.0			9-10.5, SAND, VF-F, tr M, tr F gravel, gray, moist at tip
		0.0	10.5'		10.5-14', SAND, F-M, little VF, well sorted, orangebrown, wet
				100%	
15		0.0			14-17', SAND, F-M, tr C, well sorted, brown, wet
		0.0			17-19', SILT and SAND, VF, graybrown, dense
				100%	
20					End of Boring @ 19'
					Well set at 18' with 10' screen at 8-18'

Inferred depth to groundwater (ft bgs): 10.5'
Inferred depth of refusal (ft bgs):

80 Lupes Drive
Stratford, CT 06615

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

Client: Ms. Sally Kropp
Kropp Environmental Contractors, Inc.
P.O. Box 258
Lebanon, CT 06249

Analytical Report

CET# 2080766

Report Date:September 02, 2022
Project: Old Lyme Region 18 School, 49 Lyme St
Project Number: 22(S)216

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 5.0°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
MW-1	2080766-01	Water	8/25/2022 12:00	08/26/2022
MW-2	2080766-02	Water	8/25/2022 12:55	08/26/2022
MW-3	2080766-03	Water	8/25/2022 13:55	08/26/2022
MW-4	2080766-04	Water	8/25/2022 14:45	08/26/2022

Client Sample ID MW-1

Lab ID: 2080766-01

Conn. Extractable TPH **Analyst: PDS**

Method: CT-ETPH **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	0.10	1	EPA 3510C	B2H2901	08/29/2022	08/30/2022 03:13	
Surrogate: Octacosane	*124 %*		*50 - 150*		B2H2901	08/29/2022	*08/30/2022 03:13*	

Semivolatile Organics By SIM **Analyst: TWF**

Method: EPA 8270D **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	1.0	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 18:51	
2-Methyl Naphthalene	ND	1.0	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 18:51	
Acenaphthylene	ND	0.30	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 18:51	
Acenaphthene	ND	1.0	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 18:51	
Fluorene	ND	1.0	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 18:51	
Phenanthrene	ND	0.077	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 18:51	
Anthracene	ND	1.0	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 18:51	
Fluoranthene	ND	1.0	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 18:51	
Pyrene	ND	1.0	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 18:51	
Benzo[a]anthracene	ND	0.060	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 18:51	
Chrysene	ND	0.50	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 18:51	
Benzo[b]fluoranthene	ND	0.080	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 18:51	
Benzo[k]fluoranthene	ND	0.30	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 18:51	
Benzo[a]pyrene	ND	0.20	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 18:51	
Indeno[1,2,3-cd]pyrene	ND	0.10	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 18:51	
Dibenz[a,h]anthracene	ND	0.10	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 18:51	
Benzo[g,h,i]perylene	ND	0.40	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 18:51	
Surrogate: Nitrobenzene-d5	*73.6 %*		*30 - 130*		B2H3103	08/31/2022	*09/01/2022 18:51*	
Surrogate: 2-Fluorobiphenyl	*68.2 %*		*30 - 130*		B2H3103	08/31/2022	*09/01/2022 18:51*	
Surrogate: Terphenyl-d14	*67.2 %*		*30 - 130*		B2H3103	08/31/2022	*09/01/2022 18:51*	

Volatile Organics **Analyst: PMD**

Method: EPA 8260C **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	

Client Sample ID MW-1

Lab ID: 2080766-01

Volatile Organics **Analyst: PMD**

Method: EPA 8260C **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Chloromethane	ND	2.7	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
Vinyl Chloride	ND	1.6	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
Bromomethane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	*C1
Chloroethane	ND	5.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	*C1
Trichlorofluoromethane	ND	25	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	*F1
Acetone	ND	50	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
Acrylonitrile	ND	0.50	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
Trichlorotrifluoroethane	ND	25	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
1,1-Dichloroethene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	*C1
Methylene Chloride	ND	5.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
Carbon Disulfide	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
trans-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
1,1-Dichloroethane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
2-Butanone (MEK)	ND	25	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
2,2-Dichloropropane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
cis-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
Bromochloromethane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
Chloroform	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	*C1
Tetrahydrofuran	ND	4.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
1,1,1-Trichloroethane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
Carbon Tetrachloride	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
1,1-Dichloropropene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
Benzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
1,2-Dichloroethane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
Trichloroethene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
1,2-Dichloropropane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
Dibromomethane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
Bromodichloromethane	ND	0.50	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
Methyl Isobutyl Ketone	ND	25	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
cis-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
Toluene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	*F1
trans-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
2-Hexanone	ND	25	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
1,1,2-Trichloroethane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
Tetrachloroethene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	*C1
1,3-Dichloropropane	ND	0.50	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	

Client Sample ID MW-1

Lab ID: 2080766-01

Volatile Organics **Analyst: PMD**

Method: EPA 8260C **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dibromochloromethane	ND	0.50	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
1,2-Dibromoethane	ND	0.50	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
trans-1,4-Dichloro-2-Butene	ND	10	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	*C2
Chlorobenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
1,1,1,2-Tetrachloroethane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
Ethylbenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	*F1
m+p Xylenes	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
o-Xylene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
Styrene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
Bromoform	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
Isopropylbenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
1,1,2,2-Tetrachloroethane	ND	0.50	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
Bromobenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
1,2,3-Trichloropropane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
n-Propylbenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
1,3,5-Trimethylbenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
tert-Butylbenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
1,2,4-Trimethylbenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
sec-Butylbenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
1,3-Dichlorobenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
4-Isopropyltoluene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
1,4-Dichlorobenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
1,2-Dichlorobenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
n-Butylbenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
1,2-Dibromo-3-Chloropropane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
1,2,4-Trichlorobenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
Naphthalene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
1,2,3-Trichlorobenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:21	
Surrogate: 1,2-Dichloroethane-d4	*98.7 %*		*70 - 130*		B2H2944	08/29/2022	*08/29/2022 15:21*	
Surrogate: Toluene-d8	*94.8 %*		*70 - 130*		B2H2944	08/29/2022	*08/29/2022 15:21*	
Surrogate: 4-Bromofluorobenzene	*90.4 %*		*70 - 130*		B2H2944	08/29/2022	*08/29/2022 15:21*	

Client Sample ID MW-2

Lab ID: 2080766-02

Conn. Extractable TPH **Analyst: PDS**

Method: CT-ETPH **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	0.10	1	EPA 3510C	B2H2901	08/29/2022	08/30/2022 03:34	
Surrogate: Octacosane	*112 %*		*50 - 150*		B2H2901	08/29/2022	*08/30/2022 03:34*	

Semivolatile Organics By SIM **Analyst: TWF**

Method: EPA 8270D **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	1.0	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 19:15	
2-Methyl Naphthalene	ND	1.0	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 19:15	
Acenaphthylene	ND	0.30	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 19:15	
Acenaphthene	ND	1.0	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 19:15	
Fluorene	ND	1.0	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 19:15	
Phenanthrene	ND	0.077	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 19:15	
Anthracene	ND	1.0	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 19:15	
Fluoranthene	ND	1.0	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 19:15	
Pyrene	ND	1.0	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 19:15	
Benzo[a]anthracene	ND	0.060	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 19:15	
Chrysene	ND	0.50	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 19:15	
Benzo[b]fluoranthene	ND	0.080	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 19:15	
Benzo[k]fluoranthene	ND	0.30	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 19:15	
Benzo[a]pyrene	ND	0.20	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 19:15	
Indeno[1,2,3-cd]pyrene	ND	0.10	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 19:15	
Dibenz[a,h]anthracene	ND	0.10	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 19:15	
Benzo[g,h,i]perylene	ND	0.40	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 19:15	
Surrogate: Nitrobenzene-d5	*72.4 %*		*30 - 130*		B2H3103	08/31/2022	*09/01/2022 19:15*	
Surrogate: 2-Fluorobiphenyl	*70.0 %*		*30 - 130*		B2H3103	08/31/2022	*09/01/2022 19:15*	
Surrogate: Terphenyl-d14	*69.0 %*		*30 - 130*		B2H3103	08/31/2022	*09/01/2022 19:15*	

Volatile Organics **Analyst: PMD**

Method: EPA 8260C **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	

Client Sample ID MW-2

Lab ID: 2080766-02

Volatile Organics **Analyst: PMD**

Method: EPA 8260C **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Chloromethane	ND	2.7	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
Vinyl Chloride	ND	1.6	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
Bromomethane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	*C1
Chloroethane	ND	5.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	*C1
Trichlorofluoromethane	ND	25	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	*F1
Acetone	ND	50	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
Acrylonitrile	ND	0.50	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
Trichlorotrifluoroethane	ND	25	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
1,1-Dichloroethene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	*C1
Methylene Chloride	ND	5.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
Carbon Disulfide	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
trans-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
1,1-Dichloroethane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
2-Butanone (MEK)	ND	25	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
2,2-Dichloropropane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
cis-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
Bromochloromethane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
Chloroform	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	*C1
Tetrahydrofuran	ND	4.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
1,1,1-Trichloroethane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
Carbon Tetrachloride	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
1,1-Dichloropropene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
Benzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
1,2-Dichloroethane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
Trichloroethene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
1,2-Dichloropropane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
Dibromomethane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
Bromodichloromethane	ND	0.50	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
Methyl Isobutyl Ketone	ND	25	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
cis-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
Toluene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	*F1
trans-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
2-Hexanone	ND	25	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
1,1,2-Trichloroethane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
Tetrachloroethene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	*C1
1,3-Dichloropropane	ND	0.50	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	

Client Sample ID MW-2

Lab ID: 2080766-02

Volatile Organics **Analyst: PMD**

Method: EPA 8260C **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dibromochloromethane	ND	0.50	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
1,2-Dibromoethane	ND	0.50	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
trans-1,4-Dichloro-2-Butene	ND	10	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	*C2
Chlorobenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
1,1,1,2-Tetrachloroethane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
Ethylbenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	*F1
m+p Xylenes	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
o-Xylene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
Styrene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
Bromoform	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
Isopropylbenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
1,1,2,2-Tetrachloroethane	ND	0.50	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
Bromobenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
1,2,3-Trichloropropane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
n-Propylbenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
1,3,5-Trimethylbenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
tert-Butylbenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
1,2,4-Trimethylbenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
sec-Butylbenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
1,3-Dichlorobenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
4-Isopropyltoluene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
1,4-Dichlorobenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
1,2-Dichlorobenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
n-Butylbenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
1,2-Dibromo-3-Chloropropane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
1,2,4-Trichlorobenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
Naphthalene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
1,2,3-Trichlorobenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 15:50	
Surrogate: 1,2-Dichloroethane-d4	*99.2 %*		*70 - 130*		B2H2944	08/29/2022	*08/29/2022 15:50*	
Surrogate: Toluene-d8	*101 %*		*70 - 130*		B2H2944	08/29/2022	*08/29/2022 15:50*	
Surrogate: 4-Bromofluorobenzene	*92.9 %*		*70 - 130*		B2H2944	08/29/2022	*08/29/2022 15:50*	

Client Sample ID MW-3

Lab ID: 2080766-03

Conn. Extractable TPH **Analyst: PDS**

Method: CT-ETPH **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	0.10	1	EPA 3510C	B2H2901	08/29/2022	08/30/2022 03:55	
Surrogate: Octacosane	*127 %*		*50 - 150*		B2H2901	08/29/2022	*08/30/2022 03:55*	

Semivolatile Organics By SIM **Analyst: TWF**

Method: EPA 8270D **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	1.0	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 19:39	
2-Methyl Naphthalene	ND	1.0	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 19:39	
Acenaphthylene	ND	0.30	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 19:39	
Acenaphthene	ND	1.0	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 19:39	
Fluorene	ND	1.0	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 19:39	
Phenanthrene	ND	0.077	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 19:39	
Anthracene	ND	1.0	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 19:39	
Fluoranthene	ND	1.0	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 19:39	
Pyrene	ND	1.0	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 19:39	
Benzo[a]anthracene	ND	0.060	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 19:39	
Chrysene	ND	0.50	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 19:39	
Benzo[b]fluoranthene	ND	0.080	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 19:39	
Benzo[k]fluoranthene	ND	0.30	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 19:39	
Benzo[a]pyrene	ND	0.20	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 19:39	
Indeno[1,2,3-cd]pyrene	ND	0.10	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 19:39	
Dibenz[a,h]anthracene	ND	0.10	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 19:39	
Benzo[g,h,i]perylene	ND	0.40	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 19:39	
Surrogate: Nitrobenzene-d5	*40.8 %*		*30 - 130*		B2H3103	08/31/2022	*09/01/2022 19:39*	
Surrogate: 2-Fluorobiphenyl	*38.2 %*		*30 - 130*		B2H3103	08/31/2022	*09/01/2022 19:39*	
Surrogate: Terphenyl-d14	*37.0 %*		*30 - 130*		B2H3103	08/31/2022	*09/01/2022 19:39*	

Volatile Organics **Analyst: PMD**

Method: EPA 8260C **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	

Client Sample ID MW-3

Lab ID: 2080766-03

Volatile Organics **Analyst: PMD**

Method: EPA 8260C **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Chloromethane	ND	2.7	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
Vinyl Chloride	ND	1.6	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
Bromomethane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	*C1
Chloroethane	ND	5.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	*C1
Trichlorofluoromethane	ND	25	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	*F1
Acetone	ND	50	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
Acrylonitrile	ND	0.50	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
Trichlorotrifluoroethane	ND	25	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
1,1-Dichloroethene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	*C1
Methylene Chloride	ND	5.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
Carbon Disulfide	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
trans-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
1,1-Dichloroethane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
2-Butanone (MEK)	ND	25	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
2,2-Dichloropropane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
cis-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
Bromochloromethane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
Chloroform	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	*C1
Tetrahydrofuran	ND	4.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
1,1,1-Trichloroethane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
Carbon Tetrachloride	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
1,1-Dichloropropene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
Benzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
1,2-Dichloroethane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
Trichloroethene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
1,2-Dichloropropane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
Dibromomethane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
Bromodichloromethane	ND	0.50	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
Methyl Isobutyl Ketone	ND	25	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
cis-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
Toluene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	*F1
trans-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
2-Hexanone	ND	25	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
1,1,2-Trichloroethane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
Tetrachloroethene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	*C1
1,3-Dichloropropane	ND	0.50	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	

Client Sample ID MW-3

Lab ID: 2080766-03

Volatile Organics **Analyst: PMD**

Method: EPA 8260C **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dibromochloromethane	ND	0.50	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
1,2-Dibromoethane	ND	0.50	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
trans-1,4-Dichloro-2-Butene	ND	10	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	*C2
Chlorobenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
1,1,1,2-Tetrachloroethane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
Ethylbenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	*F1
m+p Xylenes	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
o-Xylene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
Styrene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
Bromoform	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
Isopropylbenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
1,1,2,2-Tetrachloroethane	ND	0.50	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
Bromobenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
1,2,3-Trichloropropane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
n-Propylbenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
1,3,5-Trimethylbenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
tert-Butylbenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
1,2,4-Trimethylbenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
sec-Butylbenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
1,3-Dichlorobenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
4-Isopropyltoluene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
1,4-Dichlorobenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
1,2-Dichlorobenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
n-Butylbenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
1,2-Dibromo-3-Chloropropane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
1,2,4-Trichlorobenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
Naphthalene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
1,2,3-Trichlorobenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:20	
Surrogate: 1,2-Dichloroethane-d4	*96.5 %*		*70 - 130*		B2H2944	08/29/2022	*08/29/2022 16:20*	
Surrogate: Toluene-d8	*97.4 %*		*70 - 130*		B2H2944	08/29/2022	*08/29/2022 16:20*	
Surrogate: 4-Bromofluorobenzene	*89.2 %*		*70 - 130*		B2H2944	08/29/2022	*08/29/2022 16:20*	

Client Sample ID MW-4

Lab ID: 2080766-04

Conn. Extractable TPH **Analyst: PDS**

Method: CT-ETPH **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	0.10	1	EPA 3510C	B2H2901	08/29/2022	08/30/2022 04:16	
Surrogate: Octacosane	*132 %*		*50 - 150*		B2H2901	08/29/2022	*08/30/2022 04:16*	

Semivolatile Organics By SIM **Analyst: TWF**

Method: EPA 8270D **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	1.0	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 20:03	
2-Methyl Naphthalene	ND	1.0	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 20:03	
Acenaphthylene	ND	0.30	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 20:03	
Acenaphthene	ND	1.0	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 20:03	
Fluorene	ND	1.0	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 20:03	
Phenanthrene	ND	0.077	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 20:03	
Anthracene	ND	1.0	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 20:03	
Fluoranthene	ND	1.0	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 20:03	
Pyrene	ND	1.0	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 20:03	
Benzo[a]anthracene	ND	0.060	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 20:03	
Chrysene	ND	0.50	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 20:03	
Benzo[b]fluoranthene	ND	0.080	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 20:03	
Benzo[k]fluoranthene	ND	0.30	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 20:03	
Benzo[a]pyrene	ND	0.20	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 20:03	
Indeno[1,2,3-cd]pyrene	ND	0.10	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 20:03	
Dibenz[a,h]anthracene	ND	0.10	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 20:03	
Benzo[g,h,i]perylene	ND	0.40	1	EPA 3510C	B2H3103	08/31/2022	09/01/2022 20:03	
Surrogate: Nitrobenzene-d5	*33.4 %*		*30 - 130*		B2H3103	08/31/2022	*09/01/2022 20:03*	
Surrogate: 2-Fluorobiphenyl	*32.2 %*		*30 - 130*		B2H3103	08/31/2022	*09/01/2022 20:03*	
Surrogate: Terphenyl-d14	*39.0 %*		*30 - 130*		B2H3103	08/31/2022	*09/01/2022 20:03*	

Volatile Organics **Analyst: PMD**

Method: EPA 8260C **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	

Client Sample ID MW-4

Lab ID: 2080766-04

Volatile Organics **Analyst: PMD**

Method: EPA 8260C **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Chloromethane	ND	2.7	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
Vinyl Chloride	ND	1.6	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
Bromomethane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	*C1
Chloroethane	ND	5.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	*C1
Trichlorofluoromethane	ND	25	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	*F1
Acetone	ND	50	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
Acrylonitrile	ND	0.50	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
Trichlorotrifluoroethane	ND	25	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
1,1-Dichloroethene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	*C1
Methylene Chloride	ND	5.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
Carbon Disulfide	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
trans-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
1,1-Dichloroethane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
2-Butanone (MEK)	ND	25	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
2,2-Dichloropropane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
cis-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
Bromochloromethane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
Chloroform	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	*C1
Tetrahydrofuran	ND	4.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
1,1,1-Trichloroethane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
Carbon Tetrachloride	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
1,1-Dichloropropene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
Benzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
1,2-Dichloroethane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
Trichloroethene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
1,2-Dichloropropane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
Dibromomethane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
Bromodichloromethane	ND	0.50	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
Methyl Isobutyl Ketone	ND	25	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
cis-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
Toluene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	*F1
trans-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
2-Hexanone	ND	25	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
1,1,2-Trichloroethane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
Tetrachloroethene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	*C1
1,3-Dichloropropane	ND	0.50	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	

Client Sample ID MW-4

Lab ID: 2080766-04

Volatile Organics **Analyst: PMD**

Method: EPA 8260C **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dibromochloromethane	ND	0.50	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
1,2-Dibromoethane	ND	0.50	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
trans-1,4-Dichloro-2-Butene	ND	10	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	*C2
Chlorobenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
1,1,1,2-Tetrachloroethane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
Ethylbenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	*F1
m+p Xylenes	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
o-Xylene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
Styrene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
Bromoform	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
Isopropylbenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
1,1,2,2-Tetrachloroethane	ND	0.50	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
Bromobenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
1,2,3-Trichloropropane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
n-Propylbenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
1,3,5-Trimethylbenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
tert-Butylbenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
1,2,4-Trimethylbenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
sec-Butylbenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
1,3-Dichlorobenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
4-Isopropyltoluene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
1,4-Dichlorobenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
1,2-Dichlorobenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
n-Butylbenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
1,2-Dibromo-3-Chloropropane	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
1,2,4-Trichlorobenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
Naphthalene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
1,2,3-Trichlorobenzene	ND	1.0	1	EPA 5030C	B2H2944	08/29/2022	08/29/2022 16:49	
Surrogate: 1,2-Dichloroethane-d4	*96.2 %*		*70 - 130*		B2H2944	08/29/2022	*08/29/2022 16:49*	
Surrogate: Toluene-d8	*98.2 %*		*70 - 130*		B2H2944	08/29/2022	*08/29/2022 16:49*	
Surrogate: 4-Bromofluorobenzene	*89.4 %*		*70 - 130*		B2H2944	08/29/2022	*08/29/2022 16:49*	

QUALITY CONTROL SECTION

Batch B2H2901 - CT-ETPH

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2H2901-BLK1)					Prepared: 8/29/22 Analyzed: 8/29/22				
ETPH	ND	0.10							
Surrogate: Octacosane					*145*	*50 - 150*			
LCS (B2H2901-BS1)					Prepared: 8/29/22 Analyzed: 8/29/22				
ETPH	0.465	0.10	0.500		93.0	60 - 120			
Surrogate: Octacosane					*120*	*50 - 150*			

Batch B2H2944 - EPA 8260C

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2H2944-BLK1)					Prepared: 8/29/22 Analyzed: 8/29/22				
Dichlorodifluoromethane	ND	10							
Chloromethane	ND	2.7							
Vinyl Chloride	ND	1.6							
Bromomethane	ND	1.0							
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							
Bromochloromethane	ND	1.0							
Chloroform	ND	1.0							
Tetrahydrofuran	ND	4.0							
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							

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2H2944-BLK1) - Continued					Prepared: 8/29/22 Analyzed: 8/29/22				
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					*95.8*	*70 - 130*			
Surrogate: Toluene-d8					*99.0*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*91.2*	*70 - 130*			
LCS (B2H2944-BS1)					Prepared: 8/29/22 Analyzed: 8/29/22				
Dichlorodifluoromethane	40.0	10	50.000		80.0	70 - 130			
Chloromethane	42.8	2.7	50.000		85.5	70 - 130			
Vinyl Chloride	43.3	1.6	50.000		86.5	70 - 130			
Bromomethane	39.5	1.0	50.000		79.0	70 - 130			
Chloroethane	44.8	5.0	50.000		89.6	70 - 130			
Trichlorofluoromethane	12.3	25	50.000		**24.6**	70 - 130			**L**
Acetone	121	50	100.000		121	70 - 130			
Acrylonitrile	46.5	0.50	50.000		93.1	70 - 130			
Trichlorotrifluoroethane	53.6	25	50.000		107	70 - 130			
1,1-Dichloroethene	54.9	1.0	50.000		110	70 - 130			
Methylene Chloride	58.2	5.0	50.000		116	70 - 130			
Carbon Disulfide	59.4	1.0	50.000		119	70 - 130			
Methyl-t-Butyl Ether (MTBE)	48.5	5.0	50.000		97.0	70 - 130			
trans-1,2-Dichloroethene	51.9	1.0	50.000		104	70 - 130			
1,1-Dichloroethane	50.2	1.0	50.000		100	70 - 130			
2-Butanone (MEK)	103	25	100.000		103	70 - 130			
2,2-Dichloropropane	56.5	1.0	50.000		113	70 - 130			
cis-1,2-Dichloroethene	50.1	1.0	50.000		100	70 - 130			
Bromochloromethane	50.4	1.0	50.000		101	70 - 130			
Chloroform	43.4	1.0	50.000		86.7	70 - 130			
Tetrahydrofuran	49.2	4.0	50.000		98.3	70 - 130			
1,1,1-Trichloroethane	51.4	1.0	50.000		103	70 - 130			
Carbon Tetrachloride	57.1	1.0	50.000		114	70 - 130			
1,1-Dichloropropene	51.6	1.0	50.000		103	70 - 130			
Benzene	51.4	1.0	50.000		103	70 - 130			
1,2-Dichloroethane	51.1	1.0	50.000		102	70 - 130			
Trichloroethene	47.0	1.0	50.000		94.0	70 - 130			
1,2-Dichloropropane	50.5	1.0	50.000		101	70 - 130			
Dibromomethane	47.2	1.0	50.000		94.5	70 - 130			
Bromodichloromethane	47.8	0.50	50.000		95.6	70 - 130			
Methyl Isobutyl Ketone	96.2	25	100.000		96.2	70 - 130			

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B2H2944-BS1) - Continued					Prepared: 8/29/22 Analyzed: 8/29/22				
cis-1,3-Dichloropropene	47.8	0.50	50.000		95.6	70 - 130			
Toluene	27.1	1.0	50.000		**54.1**	70 - 130			**L**
trans-1,3-Dichloropropene	47.8	0.50	50.000		95.6	70 - 130			
2-Hexanone	95.9	25	100.000		95.9	70 - 130			
1,1,2-Trichloroethane	49.0	1.0	50.000		98.1	70 - 130			
Tetrachloroethene	46.8	1.0	50.000		93.5	70 - 130			
1,3-Dichloropropane	45.7	0.50	50.000		91.3	70 - 130			
Dibromochloromethane	55.3	0.50	50.000		111	70 - 130			
1,2-Dibromoethane	50.4	0.50	50.000		101	70 - 130			
trans-1,4-Dichloro-2-Butene	58.9	10	50.000		118	70 - 130			
Chlorobenzene	52.9	1.0	50.000		106	70 - 130			
1,1,1,2-Tetrachloroethane	54.4	1.0	50.000		109	70 - 130			
Ethylbenzene	27.0	1.0	50.000		**54.0**	70 - 130			**L**
m+p Xylenes	107	1.0	100.000		107	70 - 130			
o-Xylene	54.1	1.0	50.000		108	70 - 130			
Styrene	53.2	1.0	50.000		106	70 - 130			
Bromoform	54.6	1.0	50.000		109	70 - 130			
Isopropylbenzene	53.6	1.0	50.000		107	70 - 130			
1,1,2,2-Tetrachloroethane	53.5	0.50	50.000		107	70 - 130			
Bromobenzene	57.1	1.0	50.000		114	70 - 130			
1,2,3-Trichloropropane	57.6	1.0	50.000		115	70 - 130			
n-Propylbenzene	58.8	1.0	50.000		118	70 - 130			
2-Chlorotoluene	57.5	1.0	50.000		115	70 - 130			
4-Chlorotoluene	57.4	1.0	50.000		115	70 - 130			
1,3,5-Trimethylbenzene	57.4	1.0	50.000		115	70 - 130			
tert-Butylbenzene	57.2	1.0	50.000		114	70 - 130			
1,2,4-Trimethylbenzene	57.1	1.0	50.000		114	70 - 130			
sec-Butylbenzene	57.9	1.0	50.000		116	70 - 130			
1,3-Dichlorobenzene	56.7	1.0	50.000		113	70 - 130			
4-Isopropyltoluene	57.0	1.0	50.000		114	70 - 130			
1,4-Dichlorobenzene	55.9	1.0	50.000		112	70 - 130			
1,2-Dichlorobenzene	55.7	1.0	50.000		111	70 - 130			
n-Butylbenzene	58.4	1.0	50.000		117	70 - 130			
1,2-Dibromo-3-Chloropropane	53.6	1.0	50.000		107	70 - 130			
1,2,4-Trichlorobenzene	56.9	1.0	50.000		114	70 - 130			
Hexachlorobutadiene	50.1	0.45	50.000		100	70 - 130			
Naphthalene	55.3	1.0	50.000		111	70 - 130			
1,2,3-Trichlorobenzene	55.7	1.0	50.000		111	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*97.6*	*70 - 130*			
Surrogate: Toluene-d8					*99.3*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*94.5*	*70 - 130*			

Batch B2H3103 - EPA 8270D

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2H3103-BLK1)					Prepared: 8/31/22 Analyzed: 9/1/22				
Naphthalene	ND	1.0							
2-Methyl Naphthalene	ND	1.0							
Acenaphthylene	ND	0.30							
Acenaphthene	ND	1.0							
Fluorene	ND	1.0							
Phenanthrene	ND	0.077							
Anthracene	ND	1.0							
Fluoranthene	ND	1.0							
Pyrene	ND	1.0							
Benzo[a]anthracene	ND	0.060							
Chrysene	ND	0.50							
Benzo[b]fluoranthene	ND	0.080							
Benzo[k]fluoranthene	ND	0.30							
Benzo[a]pyrene	ND	0.20							
Indeno[1,2,3-cd]pyrene	ND	0.10							
Dibenz[a,h]anthracene	ND	0.10							
Benzo[g,h,i]perylene	ND	0.40							
Surrogate: Nitrobenzene-d5					*87.2*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*63.2*	*30 - 130*			
Surrogate: Terphenyl-d14					*72.2*	*30 - 130*			
LCS (B2H3103-BS1)					Prepared: 8/31/22 Analyzed: 9/1/22				
Naphthalene	1.13	1.0	2.000		56.5	40 - 140			
2-Methyl Naphthalene	0.980	1.0	2.000		49.0	40 - 140			
Acenaphthylene	0.990	0.30	2.000		49.5	40 - 140			
Acenaphthene	0.920	1.0	2.000		46.0	40 - 140			
Fluorene	1.46	1.0	2.000		73.0	40 - 140			
Phenanthrene	1.40	0.077	2.000		70.0	40 - 140			
Anthracene	1.46	1.0	2.000		73.0	40 - 140			
Fluoranthene	1.79	1.0	2.000		89.5	40 - 140			
Pyrene	1.79	1.0	2.000		89.5	40 - 140			
Benzo[a]anthracene	1.60	0.060	2.000		80.0	40 - 140			
Chrysene	1.52	0.50	2.000		76.0	40 - 140			
Benzo[b]fluoranthene	1.42	0.080	2.000		71.0	40 - 140			
Benzo[k]fluoranthene	1.62	0.30	2.000		81.0	40 - 140			
Benzo[a]pyrene	1.64	0.20	2.000		82.0	40 - 140			
Indeno[1,2,3-cd]pyrene	2.02	0.10	2.000		101	40 - 140			
Dibenz[a,h]anthracene	1.99	0.10	2.000		99.5	40 - 140			
Benzo[g,h,i]perylene	1.97	0.40	2.000		98.5	40 - 140			
Surrogate: Nitrobenzene-d5					*107*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*73.6*	*30 - 130*			
Surrogate: Terphenyl-d14					*84.0*	*30 - 130*			

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

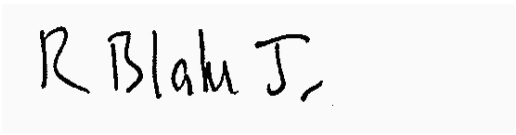
New York NELAP Accreditation 11982
Rhode Island Certification 199

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.

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CT-ETPH in Water	
ETPH	CT,RI
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
Bromochloromethane	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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 8260C in Water	
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
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
EPA 8270D in Water	
Naphthalene	CT
2-Methyl Naphthalene	CT
Acenaphthylene	CT
Acenaphthene	CT
Fluorene	CT
Phenanthrene	CT
Anthracene	CT
Fluoranthene	CT
Pyrene	CT
Benzo[a]anthracene	CT
Chrysene	CT
Benzo[b]fluoranthene	CT
Benzo[k]fluoranthene	CT
Benzo[a]pyrene	CT
Indeno[1,2,3-cd]pyrene	CT
Dibenz[a,h]anthracene	CT

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 8270D in Water	
Benzo[g,h,i]perylene	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
RI	Rhode Island Certification	LAO 00227	12/30/2022

2080766

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): Same Day *, Next Day *, Two Day *, Three Day *, Std (5-7 Days)

Sample ID/Sample Depths (include Units for any sample depths provided)	Collection Date/Time	Matrix	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List PAH's only	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 #
MW-1	8/25/22 12:00	W	X			X	X														4	
MW-2	8/25/22 12:55	W	X			X	X														4	
MW-3	8/25/22 1:55	W	X			X	X														4	
MW-4	8/25/22 2:45	W	X			X	X														4	
PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)			Cl			C	C															
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)			V			G	G														16	

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

RELINQUISHED BY: Paul W. Martell DATE/TIME: 8/26/22 0720 RECEIVED BY:
RELINQUISHED BY: DATE/TIME: 8/26/22 1515 RECEIVED BY:
RELINQUISHED BY: DATE/TIME: RECEIVED BY:

NOTES:

Client / Reporting Information

Company Name: Kropp Environmental
Address: P.O. Box 258
City: Lebanon State: CT Zip: 06249
Report To: Sally Kropp E-mail: Sally@Kroppenvironmental.com
Phone #: 820-642-4952 Fax #:

Project Information

Project: Old Lyme Schools PO #:
Location: 49 Old Lyme St., Old Lyme Project #: 22(5)016
CET Quote #: Collector(s): Paul Martell

QA/QC: ☒ Std ☐ Site Specific (MS/MSD) * ☐ RCP Pkg * ☐ DQAW *
Data Report: ☒ PDF ☐ EDD - Specify Format Other
RSR Reporting Limits (check one): ☒ GA ☐ GB ☐ SWP ☐ Other
Laboratory Certification Needed (check one): ☒ CT ☐ NY ☐ RI ☐ MA ☐ PA
Temp Upon Receipt: 5 °C Evidence of Cooling: (Y) N

PAGE 1 OF 1

REV. 12/18

*** 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.**

80 Lupes Drive
Stratford, CT 06615

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

Client: Ms. Sally Kropp
Kropp Environmental Contractors, Inc.
P.O. Box 258
Lebanon, CT 06249

Analytical Report

CET# 2120086

Report Date:December 08, 2022
Project: Old Lyme Region 18 School, 49 Lyme St
Project Number: 22(S)216

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 4.0°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
MW-5	2120086-01	Water	12/01/2022	12/02/2022
MW-6	2120086-02	Water	12/01/2022	12/02/2022
MW-7	2120086-03	Water	12/01/2022	12/02/2022
MW-8	2120086-04	Water	12/01/2022	12/02/2022

Client Sample ID MW-5

Lab ID: 2120086-01

Conn. Extractable TPH **Analyst: PDS**

Method: CT-ETPH **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	0.10	1	EPA 3510C	B2L0501	12/05/2022	12/05/2022 20:03	
Surrogate: Octacosane	*99.6 %*		*50 - 150*		B2L0501	12/05/2022	*12/05/2022 20:03*	

Semivolatile Organics By SIM **Analyst: TWF**

Method: EPA 8270D **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	1.0	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 17:55	
2-Methyl Naphthalene	ND	1.0	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 17:55	
Acenaphthylene	ND	0.30	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 17:55	
Acenaphthene	ND	1.0	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 17:55	
Fluorene	ND	1.0	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 17:55	
Phenanthrene	ND	0.077	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 17:55	
Anthracene	ND	1.0	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 17:55	
Fluoranthene	ND	1.0	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 17:55	
Pyrene	ND	1.0	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 17:55	
Benzo[a]anthracene	ND	0.060	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 17:55	
Chrysene	ND	0.50	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 17:55	
Benzo[b]fluoranthene	ND	0.080	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 17:55	
Benzo[k]fluoranthene	ND	0.30	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 17:55	
Benzo[a]pyrene	ND	0.20	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 17:55	
Indeno[1,2,3-cd]pyrene	ND	0.10	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 17:55	
Dibenz[a,h]anthracene	ND	0.10	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 17:55	
Benzo[g,h,i]perylene	ND	0.40	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 17:55	
Surrogate: Nitrobenzene-d5	*87.0 %*		*30 - 130*		B2L0602	12/06/2022	*12/07/2022 17:55*	
Surrogate: 2-Fluorobiphenyl	*80.8 %*		*30 - 130*		B2L0602	12/06/2022	*12/07/2022 17:55*	
Surrogate: Terphenyl-d14	*90.8 %*		*30 - 130*		B2L0602	12/06/2022	*12/07/2022 17:55*	

CET # : 2120086
Project: Old Lyme Region 18 School, 49 Lyme St
Project Number: 22(S)216

Client Sample ID MW-5

Lab ID: 2120086-01

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	*C2*I
Chloromethane	ND	2.7	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
Vinyl Chloride	ND	1.6	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
Bromomethane	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	*C2*I
Chloroethane	ND	5.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
Trichlorofluoromethane	ND	25	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
Acetone	ND	50	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	*C2*I
Acrylonitrile	ND	0.50	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
Trichlorotrifluoroethane	ND	25	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
1,1-Dichloroethene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
Methylene Chloride	ND	5.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
Carbon Disulfide	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
trans-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
1,1-Dichloroethane	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
2-Butanone (MEK)	ND	25	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	*C2*I
2,2-Dichloropropane	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
cis-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
Bromochloromethane	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
Chloroform	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
Tetrahydrofuran	ND	4.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
1,1,1-Trichloroethane	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
Carbon Tetrachloride	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
1,1-Dichloropropene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
Benzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
1,2-Dichloroethane	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
Trichloroethene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
1,2-Dichloropropane	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
Dibromomethane	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
Bromodichloromethane	ND	0.50	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
Methyl Isobutyl Ketone	ND	25	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
cis-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
Toluene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
trans-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
2-Hexanone	ND	25	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	*C2
1,1,2-Trichloroethane	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
Tetrachloroethene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	

Client Sample ID MW-5

Lab ID: 2120086-01

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,3-Dichloropropane	ND	0.50	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
Dibromochloromethane	ND	0.50	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
1,2-Dibromoethane	ND	0.50	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
trans-1,4-Dichloro-2-Butene	ND	10	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	*C2
Chlorobenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
1,1,1,2-Tetrachloroethane	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
Ethylbenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
m+p Xylenes	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
o-Xylene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
Styrene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
Bromoform	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
Isopropylbenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
1,1,2,2-Tetrachloroethane	ND	0.50	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
Bromobenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
1,2,3-Trichloropropane	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
n-Propylbenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
1,3,5-Trimethylbenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
tert-Butylbenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
1,2,4-Trimethylbenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
sec-Butylbenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
1,3-Dichlorobenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
4-Isopropyltoluene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
1,4-Dichlorobenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
1,2-Dichlorobenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
n-Butylbenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
1,2-Dibromo-3-Chloropropane	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
1,2,4-Trichlorobenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
Naphthalene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
1,2,3-Trichlorobenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 18:41	
Surrogate: 1,2-Dichloroethane-d4	*103 %*		*70 - 130*		B2L0749	12/07/2022	*12/07/2022 18:41*	
Surrogate: Toluene-d8	*100 %*		*70 - 130*		B2L0749	12/07/2022	*12/07/2022 18:41*	
Surrogate: 4-Bromofluorobenzene	*97.0 %*		*70 - 130*		B2L0749	12/07/2022	*12/07/2022 18:41*	

Client Sample ID MW-6

Lab ID: 2120086-02

Conn. Extractable TPH **Analyst: PDS**

Method: CT-ETPH **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	0.10	1	EPA 3510C	B2L0501	12/05/2022	12/05/2022 20:24	
Surrogate: Octacosane	*113 %*		*50 - 150*		B2L0501	12/05/2022	*12/05/2022 20:24*	

Semivolatile Organics By SIM **Analyst: TWF**

Method: EPA 8270D **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	1.0	1	EPA 3510C	B2L0602	12/06/2022	12/08/2022 12:29	
2-Methyl Naphthalene	ND	1.0	1	EPA 3510C	B2L0602	12/06/2022	12/08/2022 12:29	
Acenaphthylene	ND	0.30	1	EPA 3510C	B2L0602	12/06/2022	12/08/2022 12:29	
Acenaphthene	ND	1.0	1	EPA 3510C	B2L0602	12/06/2022	12/08/2022 12:29	
Fluorene	ND	1.0	1	EPA 3510C	B2L0602	12/06/2022	12/08/2022 12:29	
Phenanthrene	ND	0.077	1	EPA 3510C	B2L0602	12/06/2022	12/08/2022 12:29	
Anthracene	ND	1.0	1	EPA 3510C	B2L0602	12/06/2022	12/08/2022 12:29	
Fluoranthene	ND	1.0	1	EPA 3510C	B2L0602	12/06/2022	12/08/2022 12:29	
Pyrene	ND	1.0	1	EPA 3510C	B2L0602	12/06/2022	12/08/2022 12:29	
Benzo[a]anthracene	ND	0.060	1	EPA 3510C	B2L0602	12/06/2022	12/08/2022 12:29	
Chrysene	ND	0.50	1	EPA 3510C	B2L0602	12/06/2022	12/08/2022 12:29	
Benzo[b]fluoranthene	ND	0.080	1	EPA 3510C	B2L0602	12/06/2022	12/08/2022 12:29	
Benzo[k]fluoranthene	ND	0.30	1	EPA 3510C	B2L0602	12/06/2022	12/08/2022 12:29	
Benzo[a]pyrene	ND	0.20	1	EPA 3510C	B2L0602	12/06/2022	12/08/2022 12:29	
Indeno[1,2,3-cd]pyrene	ND	0.10	1	EPA 3510C	B2L0602	12/06/2022	12/08/2022 12:29	
Dibenz[a,h]anthracene	ND	0.10	1	EPA 3510C	B2L0602	12/06/2022	12/08/2022 12:29	
Benzo[g,h,i]perylene	ND	0.40	1	EPA 3510C	B2L0602	12/06/2022	12/08/2022 12:29	
Surrogate: Nitrobenzene-d5	*76.6 %*		*30 - 130*		B2L0602	12/06/2022	*12/08/2022 12:29*	
Surrogate: 2-Fluorobiphenyl	*65.7 %*		*30 - 130*		B2L0602	12/06/2022	*12/08/2022 12:29*	
Surrogate: Terphenyl-d14	*58.2 %*		*30 - 130*		B2L0602	12/06/2022	*12/08/2022 12:29*	

Client Sample ID MW-6

Lab ID: 2120086-02

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	*C2*I
Chloromethane	ND	2.7	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
Vinyl Chloride	ND	1.6	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
Bromomethane	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	*C2*I
Chloroethane	ND	5.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
Trichlorofluoromethane	ND	25	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
Acetone	ND	50	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	*C2*I
Acrylonitrile	ND	0.50	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
Trichlorotrifluoroethane	ND	25	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
1,1-Dichloroethene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
Methylene Chloride	ND	5.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
Carbon Disulfide	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
trans-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
1,1-Dichloroethane	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
2-Butanone (MEK)	ND	25	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	*C2*I
2,2-Dichloropropane	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
cis-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
Bromochloromethane	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
Chloroform	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
Tetrahydrofuran	ND	4.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
1,1,1-Trichloroethane	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
Carbon Tetrachloride	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
1,1-Dichloropropene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
Benzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
1,2-Dichloroethane	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
Trichloroethene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
1,2-Dichloropropane	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
Dibromomethane	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
Bromodichloromethane	ND	0.50	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
Methyl Isobutyl Ketone	ND	25	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
cis-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
Toluene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
trans-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
2-Hexanone	ND	25	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	*C2
1,1,2-Trichloroethane	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
Tetrachloroethene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	

Client Sample ID MW-6

Lab ID: 2120086-02

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,3-Dichloropropane	ND	0.50	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
Dibromochloromethane	ND	0.50	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
1,2-Dibromoethane	ND	0.50	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
trans-1,4-Dichloro-2-Butene	ND	10	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	*C2
Chlorobenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
1,1,1,2-Tetrachloroethane	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
Ethylbenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
m+p Xylenes	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
o-Xylene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
Styrene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
Bromoform	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
Isopropylbenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
1,1,2,2-Tetrachloroethane	ND	0.50	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
Bromobenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
1,2,3-Trichloropropane	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
n-Propylbenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
1,3,5-Trimethylbenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
tert-Butylbenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
1,2,4-Trimethylbenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
sec-Butylbenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
1,3-Dichlorobenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
4-Isopropyltoluene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
1,4-Dichlorobenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
1,2-Dichlorobenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
n-Butylbenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
1,2-Dibromo-3-Chloropropane	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
1,2,4-Trichlorobenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
Naphthalene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
1,2,3-Trichlorobenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:09	
Surrogate: 1,2-Dichloroethane-d4	*103 %*		*70 - 130*		B2L0749	12/07/2022	*12/07/2022 19:09*	
Surrogate: Toluene-d8	*100 %*		*70 - 130*		B2L0749	12/07/2022	*12/07/2022 19:09*	
Surrogate: 4-Bromofluorobenzene	*97.4 %*		*70 - 130*		B2L0749	12/07/2022	*12/07/2022 19:09*	

Client Sample ID MW-7

Lab ID: 2120086-03

Conn. Extractable TPH **Analyst: PDS**

Method: CT-ETPH **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**0.15**	0.10	1	EPA 3510C	B2L0501	12/05/2022	12/05/2022 20:45	5
Surrogate: Octacosane	*97.2 %*		*50 - 150*		B2L0501	12/05/2022	*12/05/2022 20:45*	

5 C9-C14 Gasoline Range

Semivolatile Organics By SIM **Analyst: TWF**

Method: EPA 8270D **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	**1.3**	1.0	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 18:18	
2-Methyl Naphthalene	ND	1.0	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 18:18	
Acenaphthylene	ND	0.30	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 18:18	
Acenaphthene	ND	1.0	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 18:18	
Fluorene	ND	1.0	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 18:18	
Phenanthrene	ND	0.077	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 18:18	
Anthracene	ND	1.0	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 18:18	
Fluoranthene	ND	1.0	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 18:18	
Pyrene	ND	1.0	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 18:18	
Benzo[a]anthracene	ND	0.060	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 18:18	
Chrysene	ND	0.50	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 18:18	
Benzo[b]fluoranthene	ND	0.080	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 18:18	
Benzo[k]fluoranthene	ND	0.30	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 18:18	
Benzo[a]pyrene	ND	0.20	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 18:18	
Indeno[1,2,3-cd]pyrene	ND	0.10	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 18:18	
Dibenz[a,h]anthracene	ND	0.10	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 18:18	
Benzo[g,h,i]perylene	ND	0.40	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 18:18	
Surrogate: Nitrobenzene-d5	*116 %*		*30 - 130*		B2L0602	12/06/2022	*12/07/2022 18:18*	
Surrogate: 2-Fluorobiphenyl	*99.6 %*		*30 - 130*		B2L0602	12/06/2022	*12/07/2022 18:18*	
Surrogate: Terphenyl-d14	*93.4 %*		*30 - 130*		B2L0602	12/06/2022	*12/07/2022 18:18*	

Client Sample ID MW-7

Lab ID: 2120086-03

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	*C2*I
Chloromethane	ND	2.7	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
Vinyl Chloride	ND	1.6	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
Bromomethane	ND	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	*C2*I
Chloroethane	ND	5.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
Trichlorofluoromethane	ND	25	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
Acetone	ND	50	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
Acrylonitrile	ND	0.50	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
Trichlorotrifluoroethane	ND	25	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
1,1-Dichloroethene	ND	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
Methylene Chloride	ND	5.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
Carbon Disulfide	ND	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
trans-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
1,1-Dichloroethane	ND	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
2-Butanone (MEK)	ND	25	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
2,2-Dichloropropane	ND	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
cis-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
Bromochloromethane	ND	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
Chloroform	ND	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
Tetrahydrofuran	ND	4.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
1,1,1-Trichloroethane	ND	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
Carbon Tetrachloride	ND	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
1,1-Dichloropropene	ND	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
Benzene	**5.8**	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
1,2-Dichloroethane	ND	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
Trichloroethene	ND	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
1,2-Dichloropropane	ND	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
Dibromomethane	ND	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
Bromodichloromethane	ND	0.50	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
Methyl Isobutyl Ketone	ND	25	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	*C2
cis-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
Toluene	**13**	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
trans-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
2-Hexanone	ND	25	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	*C2
1,1,2-Trichloroethane	ND	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
Tetrachloroethene	ND	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	

Client Sample ID MW-7

Lab ID: 2120086-03

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,3-Dichloropropane	ND	0.50	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
Dibromochloromethane	ND	0.50	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
1,2-Dibromoethane	ND	0.50	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
trans-1,4-Dichloro-2-Butene	ND	10	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	*C2
Chlorobenzene	ND	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
1,1,1,2-Tetrachloroethane	ND	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
Ethylbenzene	**8.2**	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
m+p Xylenes	**26**	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
o-Xylene	**16**	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
Styrene	ND	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
Bromoform	ND	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
Isopropylbenzene	**1.1**	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
1,1,2,2-Tetrachloroethane	ND	0.50	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
Bromobenzene	ND	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
1,2,3-Trichloropropane	ND	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
n-Propylbenzene	**1.6**	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
1,3,5-Trimethylbenzene	**2.7**	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
tert-Butylbenzene	ND	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
1,2,4-Trimethylbenzene	**13**	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
sec-Butylbenzene	ND	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
1,3-Dichlorobenzene	ND	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
4-Isopropyltoluene	ND	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
1,4-Dichlorobenzene	ND	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
1,2-Dichlorobenzene	ND	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
n-Butylbenzene	ND	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
1,2-Dibromo-3-Chloropropane	ND	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
1,2,4-Trichlorobenzene	ND	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	*C2
Naphthalene	**2.0**	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
1,2,3-Trichlorobenzene	ND	1.0	1	EPA 5030C	B2L0654	12/06/2022	12/06/2022 18:55	
Surrogate: 1,2-Dichloroethane-d4	*71.0 %*	*70 - 130*			B2L0654	12/06/2022	*12/06/2022 18:55*	
Surrogate: Toluene-d8	*98.6 %*	*70 - 130*			B2L0654	12/06/2022	*12/06/2022 18:55*	
Surrogate: 4-Bromofluorobenzene	*109 %*	*70 - 130*			B2L0654	12/06/2022	*12/06/2022 18:55*	

Client Sample ID MW-8

Lab ID: 2120086-04

Conn. Extractable TPH **Analyst: PDS**

Method: CT-ETPH **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	0.10	1	EPA 3510C	B2L0501	12/05/2022	12/05/2022 21:06	
Surrogate: Octacosane	*122 %*		*50 - 150*		B2L0501	12/05/2022	*12/05/2022 21:06*	

Semivolatile Organics By SIM **Analyst: TWF**

Method: EPA 8270D **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	1.0	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 18:42	
2-Methyl Naphthalene	ND	1.0	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 18:42	
Acenaphthylene	ND	0.30	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 18:42	
Acenaphthene	ND	1.0	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 18:42	
Fluorene	ND	1.0	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 18:42	
Phenanthrene	ND	0.077	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 18:42	
Anthracene	ND	1.0	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 18:42	
Fluoranthene	ND	1.0	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 18:42	
Pyrene	ND	1.0	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 18:42	
Benzo[a]anthracene	ND	0.060	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 18:42	
Chrysene	ND	0.50	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 18:42	
Benzo[b]fluoranthene	ND	0.080	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 18:42	
Benzo[k]fluoranthene	ND	0.30	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 18:42	
Benzo[a]pyrene	ND	0.20	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 18:42	
Indeno[1,2,3-cd]pyrene	ND	0.10	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 18:42	
Dibenz[a,h]anthracene	ND	0.10	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 18:42	
Benzo[g,h,i]perylene	ND	0.40	1	EPA 3510C	B2L0602	12/06/2022	12/07/2022 18:42	
Surrogate: Nitrobenzene-d5	*108 %*		*30 - 130*		B2L0602	12/06/2022	*12/07/2022 18:42*	
Surrogate: 2-Fluorobiphenyl	*97.4 %*		*30 - 130*		B2L0602	12/06/2022	*12/07/2022 18:42*	
Surrogate: Terphenyl-d14	*95.2 %*		*30 - 130*		B2L0602	12/06/2022	*12/07/2022 18:42*	

Client Sample ID MW-8

Lab ID: 2120086-04

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	*C2*I
Chloromethane	ND	2.7	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
Vinyl Chloride	ND	1.6	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
Bromomethane	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	*C2*I
Chloroethane	ND	5.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
Trichlorofluoromethane	ND	25	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
Acetone	ND	50	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	*C2*I
Acrylonitrile	ND	0.50	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
Trichlorotrifluoroethane	ND	25	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
1,1-Dichloroethene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
Methylene Chloride	ND	5.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
Carbon Disulfide	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
trans-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
1,1-Dichloroethane	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
2-Butanone (MEK)	ND	25	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	*C2*I
2,2-Dichloropropane	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
cis-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
Bromochloromethane	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
Chloroform	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
Tetrahydrofuran	ND	4.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
1,1,1-Trichloroethane	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
Carbon Tetrachloride	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
1,1-Dichloropropene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
Benzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
1,2-Dichloroethane	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
Trichloroethene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
1,2-Dichloropropane	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
Dibromomethane	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
Bromodichloromethane	ND	0.50	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
Methyl Isobutyl Ketone	ND	25	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
cis-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
Toluene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
trans-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
2-Hexanone	ND	25	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	*C2
1,1,2-Trichloroethane	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
Tetrachloroethene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	

Client Sample ID MW-8

Lab ID: 2120086-04

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,3-Dichloropropane	ND	0.50	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
Dibromochloromethane	ND	0.50	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
1,2-Dibromoethane	ND	0.50	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
trans-1,4-Dichloro-2-Butene	ND	10	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	*C2
Chlorobenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
1,1,1,2-Tetrachloroethane	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
Ethylbenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
m+p Xylenes	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
o-Xylene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
Styrene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
Bromoform	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
Isopropylbenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
1,1,2,2-Tetrachloroethane	ND	0.50	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
Bromobenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
1,2,3-Trichloropropane	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
n-Propylbenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
1,3,5-Trimethylbenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
tert-Butylbenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
1,2,4-Trimethylbenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
sec-Butylbenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
1,3-Dichlorobenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
4-Isopropyltoluene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
1,4-Dichlorobenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
1,2-Dichlorobenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
n-Butylbenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
1,2-Dibromo-3-Chloropropane	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
1,2,4-Trichlorobenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
Naphthalene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
1,2,3-Trichlorobenzene	ND	1.0	1	EPA 5030C	B2L0749	12/07/2022	12/07/2022 19:37	
Surrogate: 1,2-Dichloroethane-d4	*101 %*		*70 - 130*		B2L0749	12/07/2022	*12/07/2022 19:37*	
Surrogate: Toluene-d8	*100 %*		*70 - 130*		B2L0749	12/07/2022	*12/07/2022 19:37*	
Surrogate: 4-Bromofluorobenzene	*95.7 %*		*70 - 130*		B2L0749	12/07/2022	*12/07/2022 19:37*	

QUALITY CONTROL SECTION

Batch B2L0501 - CT-ETPH

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2L0501-BLK1)					Prepared: 12/5/2022 Analyzed: 12/5/2022				
ETPH	ND	0.10							
Surrogate: Octacosane					*95.4*	*50 - 150*			
LCS (B2L0501-BS1)					Prepared: 12/5/2022 Analyzed: 12/5/2022				
ETPH	0.431	0.10	0.500		86.3	60 - 120			
Surrogate: Octacosane					*98.0*	*50 - 150*			

Batch B2L0602 - EPA 8270D

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2L0602-BLK1)					Prepared: 12/6/2022 Analyzed: 12/7/2022				
Naphthalene	ND	1.0							
2-Methyl Naphthalene	ND	1.0							
Acenaphthylene	ND	0.30							
Acenaphthene	ND	1.0							
Fluorene	ND	1.0							
Phenanthrene	ND	0.077							
Anthracene	ND	1.0							
Fluoranthene	ND	1.0							
Pyrene	ND	1.0							
Benzo[a]anthracene	ND	0.060							
Chrysene	ND	0.50							
Benzo[b]fluoranthene	ND	0.080							
Benzo[k]fluoranthene	ND	0.30							
Benzo[a]pyrene	ND	0.20							
Indeno[1,2,3-cd]pyrene	ND	0.10							
Dibenz[a,h]anthracene	ND	0.10							
Benzo[g,h,i]perylene	ND	0.40							
Surrogate: Nitrobenzene-d5					*90.4*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*80.0*	*30 - 130*			
Surrogate: Terphenyl-d14					*133*	*30 - 130*			**H**
LCS (B2L0602-BS1)					Prepared: 12/6/2022 Analyzed: 12/7/2022				
Naphthalene	1.88	1.0	4.000		47.0	40 - 140			
2-Methyl Naphthalene	1.80	1.0	4.000		45.0	40 - 140			
Acenaphthylene	1.89	0.30	4.000		47.3	40 - 140			
Acenaphthene	1.74	1.0	4.000		43.5	40 - 140			
Fluorene	2.30	1.0	4.000		57.5	40 - 140			
Phenanthrene	2.86	0.077	4.000		71.5	40 - 140			
Anthracene	3.06	1.0	4.000		76.5	40 - 140			
Fluoranthene	3.40	1.0	4.000		85.0	40 - 140			
Pyrene	3.36	1.0	4.000		84.0	40 - 140			
Benzo[a]anthracene	3.64	0.060	4.000		91.0	40 - 140			
Chrysene	3.54	0.50	4.000		88.5	40 - 140			
Benzo[b]fluoranthene	3.57	0.080	4.000		89.3	40 - 140			
Benzo[k]fluoranthene	3.32	0.30	4.000		83.0	40 - 140			
Benzo[a]pyrene	3.59	0.20	4.000		89.8	40 - 140			
Indeno[1,2,3-cd]pyrene	3.96	0.10	4.000		99.0	40 - 140			
Dibenz[a,h]anthracene	3.84	0.10	4.000		96.0	40 - 140			
Benzo[g,h,i]perylene	3.71	0.40	4.000		92.8	40 - 140			
Surrogate: Nitrobenzene-d5					*93.6*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*84.2*	*30 - 130*			
Surrogate: Terphenyl-d14					*153*	*30 - 130*			**H**

Batch B2L0654 - EPA 8260C

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2L0654-BLK1)					Prepared: 12/6/2022 Analyzed: 12/6/2022				
Dichlorodifluoromethane	ND	10							
Chloromethane	ND	2.7							
Vinyl Chloride	ND	1.6							
Bromomethane	ND	1.0							
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							
Bromochloromethane	ND	1.0							
Chloroform	ND	1.0							
Tetrahydrofuran	ND	4.0							
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							

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2L0654-BLK1) - Continued					Prepared: 12/6/2022 Analyzed: 12/6/2022				
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					*88.4*	*70 - 130*			
Surrogate: Toluene-d8					*99.3*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*97.8*	*70 - 130*			
LCS (B2L0654-BS1)					Prepared: 12/6/2022 Analyzed: 12/6/2022				
Dichlorodifluoromethane	59.0	10	50.000		118	70 - 130			
Chloromethane	45.2	2.7	50.000		90.4	70 - 130			
Vinyl Chloride	49.9	1.6	50.000		99.8	70 - 130			
Bromomethane	49.5	1.0	50.000		99.0	70 - 130			
Chloroethane	47.9	5.0	50.000		95.9	70 - 130			
Trichlorofluoromethane	50.7	25	50.000		101	70 - 130			
Acetone	85.6	50	100.000		85.6	70 - 130			
Acrylonitrile	55.6	0.50	50.000		111	70 - 130			
Trichlorotrifluoroethane	57.9	25	50.000		116	70 - 130			
1,1-Dichloroethene	56.3	1.0	50.000		113	70 - 130			
Methylene Chloride	47.9	5.0	50.000		95.8	70 - 130			
Carbon Disulfide	54.3	1.0	50.000		109	70 - 130			
Methyl-t-Butyl Ether (MTBE)	53.1	5.0	50.000		106	70 - 130			
trans-1,2-Dichloroethene	53.8	1.0	50.000		108	70 - 130			
1,1-Dichloroethane	52.4	1.0	50.000		105	70 - 130			
2-Butanone (MEK)	99.4	25	100.000		99.4	70 - 130			
2,2-Dichloropropane	55.1	1.0	50.000		110	70 - 130			
cis-1,2-Dichloroethene	51.8	1.0	50.000		104	70 - 130			
Bromochloromethane	51.7	1.0	50.000		103	70 - 130			
Chloroform	51.8	1.0	50.000		104	70 - 130			
Tetrahydrofuran	55.3	4.0	50.000		111	70 - 130			
1,1,1-Trichloroethane	59.4	1.0	50.000		119	70 - 130			
Carbon Tetrachloride	53.2	1.0	50.000		106	70 - 130			
1,1-Dichloropropene	55.8	1.0	50.000		112	70 - 130			
Benzene	57.1	1.0	50.000		114	70 - 130			
1,2-Dichloroethane	55.6	1.0	50.000		111	70 - 130			
Trichloroethene	55.6	1.0	50.000		111	70 - 130			
1,2-Dichloropropane	57.3	1.0	50.000		115	70 - 130			
Dibromomethane	58.7	1.0	50.000		117	70 - 130			
Bromodichloromethane	57.8	0.50	50.000		116	70 - 130			
Methyl Isobutyl Ketone	116	25	100.000		116	70 - 130			

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B2L0654-BS1) - Continued					Prepared: 12/6/2022 Analyzed: 12/6/2022				
cis-1,3-Dichloropropene	58.2	0.50	50.000		116	70 - 130			
Toluene	56.0	1.0	50.000		112	70 - 130			
trans-1,3-Dichloropropene	59.9	0.50	50.000		120	70 - 130			
2-Hexanone	116	25	100.000		116	70 - 130			
1,1,2-Trichloroethane	55.7	1.0	50.000		111	70 - 130			
Tetrachloroethene	57.9	1.0	50.000		116	70 - 130			
1,3-Dichloropropane	60.1	0.50	50.000		120	70 - 130			
Dibromochloromethane	57.8	0.50	50.000		116	70 - 130			
1,2-Dibromoethane	55.7	0.50	50.000		111	70 - 130			
trans-1,4-Dichloro-2-Butene	56.9	10	50.000		114	70 - 130			
Chlorobenzene	55.0	1.0	50.000		110	70 - 130			
1,1,1,2-Tetrachloroethane	56.2	1.0	50.000		112	70 - 130			
Ethylbenzene	54.4	1.0	50.000		109	70 - 130			
m+p Xylenes	110	1.0	100.000		110	70 - 130			
o-Xylene	54.1	1.0	50.000		108	70 - 130			
Styrene	55.1	1.0	50.000		110	70 - 130			
Bromoform	53.6	1.0	50.000		107	70 - 130			
Isopropylbenzene	55.5	1.0	50.000		111	70 - 130			
1,1,2,2-Tetrachloroethane	58.1	0.50	50.000		116	70 - 130			
Bromobenzene	52.7	1.0	50.000		105	70 - 130			
1,2,3-Trichloropropane	55.1	1.0	50.000		110	70 - 130			
n-Propylbenzene	54.3	1.0	50.000		109	70 - 130			
2-Chlorotoluene	52.9	1.0	50.000		106	70 - 130			
4-Chlorotoluene	54.0	1.0	50.000		108	70 - 130			
1,3,5-Trimethylbenzene	54.4	1.0	50.000		109	70 - 130			
tert-Butylbenzene	55.2	1.0	50.000		110	70 - 130			
1,2,4-Trimethylbenzene	55.9	1.0	50.000		112	70 - 130			
sec-Butylbenzene	55.4	1.0	50.000		111	70 - 130			
1,3-Dichlorobenzene	54.2	1.0	50.000		108	70 - 130			
4-Isopropyltoluene	56.2	1.0	50.000		112	70 - 130			
1,4-Dichlorobenzene	54.4	1.0	50.000		109	70 - 130			
1,2-Dichlorobenzene	55.2	1.0	50.000		110	70 - 130			
n-Butylbenzene	57.0	1.0	50.000		114	70 - 130			
1,2-Dibromo-3-Chloropropane	56.2	1.0	50.000		112	70 - 130			
1,2,4-Trichlorobenzene	59.5	1.0	50.000		119	70 - 130			
Hexachlorobutadiene	62.7	0.45	50.000		125	70 - 130			
Naphthalene	59.7	1.0	50.000		119	70 - 130			
1,2,3-Trichlorobenzene	58.4	1.0	50.000		117	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*90.3*	*70 - 130*			
Surrogate: Toluene-d8					*98.3*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*102*	*70 - 130*			

Batch B2L0749 - EPA 8260C

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2L0749-BLK1)					Prepared: 12/7/2022 Analyzed: 12/7/2022				
Dichlorodifluoromethane	ND	10							
Chloromethane	ND	2.7							
Vinyl Chloride	ND	1.6							
Bromomethane	ND	1.0							
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							
Bromochloromethane	ND	1.0							
Chloroform	ND	1.0							
Tetrahydrofuran	ND	4.0							
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							

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2L0749-BLK1) - Continued					Prepared: 12/7/2022 Analyzed: 12/7/2022				
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					*99.5*	*70 - 130*			
Surrogate: Toluene-d8					*99.9*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*97.8*	*70 - 130*			
LCS (B2L0749-BS1)					Prepared: 12/7/2022 Analyzed: 12/7/2022				
Dichlorodifluoromethane	57.4	10	50.000		115	70 - 130			
Chloromethane	53.2	2.7	50.000		106	70 - 130			
Vinyl Chloride	53.7	1.6	50.000		107	70 - 130			
Bromomethane	49.0	1.0	50.000		98.1	70 - 130			
Chloroethane	54.4	5.0	50.000		109	70 - 130			
Trichlorofluoromethane	54.7	25	50.000		109	70 - 130			
Acetone	98.1	50	100.000		98.1	70 - 130			
Acrylonitrile	51.7	0.50	50.000		103	70 - 130			
Trichlorotrifluoroethane	54.3	25	50.000		109	70 - 130			
1,1-Dichloroethene	55.3	1.0	50.000		111	70 - 130			
Methylene Chloride	50.9	5.0	50.000		102	70 - 130			
Carbon Disulfide	48.6	1.0	50.000		97.2	70 - 130			
Methyl-t-Butyl Ether (MTBE)	51.9	5.0	50.000		104	70 - 130			
trans-1,2-Dichloroethene	54.3	1.0	50.000		109	70 - 130			
1,1-Dichloroethane	54.6	1.0	50.000		109	70 - 130			
2-Butanone (MEK)	109	25	100.000		109	70 - 130			
2,2-Dichloropropane	52.4	1.0	50.000		105	70 - 130			
cis-1,2-Dichloroethene	54.5	1.0	50.000		109	70 - 130			
Bromochloromethane	52.4	1.0	50.000		105	70 - 130			
Chloroform	53.8	1.0	50.000		108	70 - 130			
Tetrahydrofuran	47.9	4.0	50.000		95.7	70 - 130			
1,1,1-Trichloroethane	52.1	1.0	50.000		104	70 - 130			
Carbon Tetrachloride	43.8	1.0	50.000		87.5	70 - 130			
1,1-Dichloropropene	51.0	1.0	50.000		102	70 - 130			
Benzene	54.9	1.0	50.000		110	70 - 130			
1,2-Dichloroethane	49.9	1.0	50.000		99.7	70 - 130			
Trichloroethene	53.9	1.0	50.000		108	70 - 130			
1,2-Dichloropropane	55.2	1.0	50.000		110	70 - 130			
Dibromomethane	53.6	1.0	50.000		107	70 - 130			
Bromodichloromethane	55.2	0.50	50.000		110	70 - 130			
Methyl Isobutyl Ketone	105	25	100.000		105	70 - 130			

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B2L0749-BS1) - Continued					Prepared: 12/7/2022 Analyzed: 12/7/2022				
cis-1,3-Dichloropropene	55.3	0.50	50.000		111	70 - 130			
Toluene	52.6	1.0	50.000		105	70 - 130			
trans-1,3-Dichloropropene	53.8	0.50	50.000		108	70 - 130			
2-Hexanone	105	25	100.000		105	70 - 130			
1,1,2-Trichloroethane	55.1	1.0	50.000		110	70 - 130			
Tetrachloroethene	54.2	1.0	50.000		108	70 - 130			
1,3-Dichloropropane	54.6	0.50	50.000		109	70 - 130			
Dibromochloromethane	55.2	0.50	50.000		110	70 - 130			
1,2-Dibromoethane	53.3	0.50	50.000		107	70 - 130			
trans-1,4-Dichloro-2-Butene	51.1	10	50.000		102	70 - 130			
Chlorobenzene	52.7	1.0	50.000		105	70 - 130			
1,1,1,2-Tetrachloroethane	52.7	1.0	50.000		105	70 - 130			
Ethylbenzene	53.9	1.0	50.000		108	70 - 130			
m+p Xylenes	107	1.0	100.000		107	70 - 130			
o-Xylene	53.4	1.0	50.000		107	70 - 130			
Styrene	51.1	1.0	50.000		102	70 - 130			
Bromoform	51.4	1.0	50.000		103	70 - 130			
Isopropylbenzene	53.3	1.0	50.000		107	70 - 130			
1,1,2,2-Tetrachloroethane	52.6	0.50	50.000		105	70 - 130			
Bromobenzene	51.9	1.0	50.000		104	70 - 130			
1,2,3-Trichloropropane	49.2	1.0	50.000		98.4	70 - 130			
n-Propylbenzene	54.3	1.0	50.000		109	70 - 130			
2-Chlorotoluene	52.4	1.0	50.000		105	70 - 130			
4-Chlorotoluene	53.4	1.0	50.000		107	70 - 130			
1,3,5-Trimethylbenzene	54.8	1.0	50.000		110	70 - 130			
tert-Butylbenzene	53.8	1.0	50.000		108	70 - 130			
1,2,4-Trimethylbenzene	54.3	1.0	50.000		109	70 - 130			
sec-Butylbenzene	54.1	1.0	50.000		108	70 - 130			
1,3-Dichlorobenzene	51.7	1.0	50.000		103	70 - 130			
4-Isopropyltoluene	53.0	1.0	50.000		106	70 - 130			
1,4-Dichlorobenzene	49.5	1.0	50.000		99.0	70 - 130			
1,2-Dichlorobenzene	50.8	1.0	50.000		102	70 - 130			
n-Butylbenzene	54.6	1.0	50.000		109	70 - 130			
1,2-Dibromo-3-Chloropropane	54.2	1.0	50.000		108	70 - 130			
1,2,4-Trichlorobenzene	52.6	1.0	50.000		105	70 - 130			
Hexachlorobutadiene	50.3	0.45	50.000		101	70 - 130			
Naphthalene	52.5	1.0	50.000		105	70 - 130			
1,2,3-Trichlorobenzene	50.1	1.0	50.000		100	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*101*	*70 - 130*			
Surrogate: Toluene-d8					*102*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*99.8*	*70 - 130*			

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

CASE NARRATIVE

No collection times provided by client on chain of custody for the following samples: 2120086-01 through -04.

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

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.

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CT-ETPH in Water	
ETPH	CT,RI
EPA 8260C in Water	
Dichlorodifluoromethane	CT
Chloromethane	CT
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
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
Bromochloromethane	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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 8260C in Water	
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
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
EPA 8270D in Water	
Naphthalene	CT
2-Methyl Naphthalene	CT
Acenaphthylene	CT
Acenaphthene	CT
Fluorene	CT
Phenanthrene	CT
Anthracene	CT
Fluoranthene	CT
Pyrene	CT
Benzo[a]anthracene	CT
Chrysene	CT
Benzo[b]fluoranthene	CT
Benzo[k]fluoranthene	CT
Benzo[a]pyrene	CT
Indeno[1,2,3-cd]pyrene	CT
Dibenz[a,h]anthracene	CT

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 8270D in Water	
Benzo[g,h,i]perylene	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
RI	Rhode Island Certification	LAO 00227	12/30/2022

2120086

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): Same Day *, Next Day *, Two Day *, Three Day *, Std (5-7 Days)

Sample ID/Sample Depths (include Units for any sample depths provided)	Collection Date/Time	Matrix	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 ~~CT List~~ PAHs	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 #
MW-5	12/1/22	W	X	X		X	X														4	
MW-6	12/1/22	W	X	X		X	X														4	
MW-7	12/1/22	W	X	X		X	X														4	
MW-8	12/1/22	W	X	X		X	X														4	
PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)			4c			C	C														16	
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)			V			G	G															
Soil VOCs Only (M=MeOH, B=Sodium Bisulfate, W=Water, E=Empty Vial, E=Encore)																						

RELINQUISHED BY: Justin O'Leary — DATE/TIME: 12/1/22 — RECEIVED BY: [signature] 12/2/22 0900

RELINQUISHED BY: [signature] — DATE/TIME: 12/2/22 1420 — RECEIVED BY: [signature] 12/2/22 1420

RELINQUISHED BY: — DATE/TIME: — RECEIVED BY:

NOTES:

Client / Reporting Information

Company Name: Kropp Environmental
Address: P.O. Box 258
City: Lebanon, State: CT, Zip: 06249
Report To: Sally Kropp
E-mail: sally@kroppenvironmental.com
Phone #: 860-642-9952
Fax #:

Project Information

Project: Old Lyme Region 18 School — PO #:
Location: 49 Lyme St, Old Lyme — Project #: 22(S)216
CET Quote # — Collector(s): JO

QA/QC: ☒ Std ☐ Site Specific (MS/MSD) * ☐ RCP Pkg * ☐ DQAW *
Data Report: ☒ PDF ☐ EDD - Specify Format ____ Other ____
RSR Reporting Limits (check one): ☒ GA ☐ GB ☐ SWP ☐ Other ____
Laboratory Certification Needed (check one): ☒ CT ☐ NY ☐ RI ☐ MA ☐ PA
Temp Upon Receipt: 4 °C — Evidence of Cooling: ON

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: Ms. Sally Kropp
Kropp Environmental Contractors, Inc.
P.O. Box 258
Lebanon, CT 06249

Analytical Report

CET# 2120549

Report Date:December 21, 2022
Project: Old Lyme Region 18 School, 49 Lyme St
Project Number: 22(S)216

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 4.0°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
MW-7	2120549-01	Water	12/15/2022	12/16/2022

Client Sample ID MW-7

Lab ID: 2120549-01

Conn. Extractable TPH **Analyst: PDS**

Method: CT-ETPH **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**0.26**	0.10	1	EPA 3510C	B2L1901	12/19/2022	12/19/2022 15:36	5
Surrogate: Octacosane	*115 %*		*50 - 150*		B2L1901	12/19/2022	*12/19/2022 15:36*	

5 C9-C14 Gasoline Range

Semivolatile Organics By SIM **Analyst: TWF**

Method: EPA 8270D **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	**1.7**	1.0	1	EPA 3510C	B2L1946	12/19/2022	12/20/2022 20:09	
2-Methyl Naphthalene	**1.1**	1.0	1	EPA 3510C	B2L1946	12/19/2022	12/20/2022 20:09	
Acenaphthylene	ND	0.30	1	EPA 3510C	B2L1946	12/19/2022	12/20/2022 20:09	
Acenaphthene	ND	1.0	1	EPA 3510C	B2L1946	12/19/2022	12/20/2022 20:09	
Fluorene	ND	1.0	1	EPA 3510C	B2L1946	12/19/2022	12/20/2022 20:09	
Phenanthrene	ND	0.077	1	EPA 3510C	B2L1946	12/19/2022	12/20/2022 20:09	
Anthracene	ND	1.0	1	EPA 3510C	B2L1946	12/19/2022	12/20/2022 20:09	
Fluoranthene	ND	1.0	1	EPA 3510C	B2L1946	12/19/2022	12/20/2022 20:09	
Pyrene	ND	1.0	1	EPA 3510C	B2L1946	12/19/2022	12/20/2022 20:09	
Benzo[a]anthracene	ND	0.060	1	EPA 3510C	B2L1946	12/19/2022	12/20/2022 20:09	
Chrysene	ND	0.50	1	EPA 3510C	B2L1946	12/19/2022	12/20/2022 20:09	
Benzo[b]fluoranthene	ND	0.080	1	EPA 3510C	B2L1946	12/19/2022	12/20/2022 20:09	
Benzo[k]fluoranthene	ND	0.30	1	EPA 3510C	B2L1946	12/19/2022	12/20/2022 20:09	
Benzo[a]pyrene	ND	0.20	1	EPA 3510C	B2L1946	12/19/2022	12/20/2022 20:09	
Indeno[1,2,3-cd]pyrene	ND	0.10	1	EPA 3510C	B2L1946	12/19/2022	12/20/2022 20:09	
Dibenz[a,h]anthracene	ND	0.10	1	EPA 3510C	B2L1946	12/19/2022	12/20/2022 20:09	
Benzo[g,h,i]perylene	ND	0.40	1	EPA 3510C	B2L1946	12/19/2022	12/20/2022 20:09	
Surrogate: Nitrobenzene-d5	*92.8 %*		*30 - 130*		B2L1946	12/19/2022	*12/20/2022 20:09*	
Surrogate: 2-Fluorobiphenyl	*88.0 %*		*30 - 130*		B2L1946	12/19/2022	*12/20/2022 20:09*	
Surrogate: Terphenyl-d14	*93.8 %*		*30 - 130*		B2L1946	12/19/2022	*12/20/2022 20:09*	

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	*F2*C2

Client Sample ID MW-7

Lab ID: 2120549-01

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Chloromethane	ND	2.7	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	*C2
Vinyl Chloride	ND	1.6	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	*F2*C2
Bromomethane	ND	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	*F2*C2
Chloroethane	ND	5.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
Trichlorofluoromethane	ND	25	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	*F2*C2
Acetone	ND	50	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	*I
Acrylonitrile	ND	0.50	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
Trichlorotrifluoroethane	ND	25	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	*C2
1,1-Dichloroethene	ND	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
Methylene Chloride	ND	5.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
Carbon Disulfide	ND	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	*F2*C2
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
trans-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
1,1-Dichloroethane	ND	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
2-Butanone (MEK)	ND	25	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	*I
2,2-Dichloropropane	ND	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
cis-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
Bromochloromethane	ND	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
Chloroform	ND	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
Tetrahydrofuran	ND	4.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
1,1,1-Trichloroethane	ND	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
Carbon Tetrachloride	ND	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
1,1-Dichloropropene	ND	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
Benzene	**7.6**	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
1,2-Dichloroethane	ND	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
Trichloroethene	ND	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
1,2-Dichloropropane	ND	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
Dibromomethane	ND	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
Bromodichloromethane	ND	0.50	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
Methyl Isobutyl Ketone	ND	25	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
cis-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
Toluene	**20**	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
trans-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
2-Hexanone	ND	25	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
1,1,2-Trichloroethane	ND	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
Tetrachloroethene	ND	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
1,3-Dichloropropane	ND	0.50	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	

Client Sample ID MW-7

Lab ID: 2120549-01

Volatile Organics

Method: EPA 8260C

Analyst: TWF

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dibromochloromethane	ND	0.50	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
1,2-Dibromoethane	ND	0.50	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
trans-1,4-Dichloro-2-Butene	ND	10	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
Chlorobenzene	ND	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
1,1,1,2-Tetrachloroethane	ND	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
Ethylbenzene	**12**	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
m+p Xylenes	**35**	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
o-Xylene	**24**	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
Styrene	ND	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
Bromoform	ND	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
Isopropylbenzene	**1.6**	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
1,1,2,2-Tetrachloroethane	ND	0.50	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
Bromobenzene	ND	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
1,2,3-Trichloropropane	ND	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
n-Propylbenzene	**2.8**	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
1,3,5-Trimethylbenzene	**4.3**	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
tert-Butylbenzene	ND	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
1,2,4-Trimethylbenzene	**20**	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
sec-Butylbenzene	ND	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
1,3-Dichlorobenzene	ND	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
4-Isopropyltoluene	ND	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
1,4-Dichlorobenzene	ND	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
1,2-Dichlorobenzene	ND	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
n-Butylbenzene	ND	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
1,2-Dibromo-3-Chloropropane	ND	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
1,2,4-Trichlorobenzene	ND	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	*C2
Naphthalene	**3.1**	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
1,2,3-Trichlorobenzene	ND	1.0	1	EPA 5030C	B2L2040	12/20/2022	12/20/2022 15:10	
Surrogate: 1,2-Dichloroethane-d4	*95.3 %*	*70 - 130*			B2L2040	12/20/2022	*12/20/2022 15:10*	
Surrogate: Toluene-d8	*100 %*	*70 - 130*			B2L2040	12/20/2022	*12/20/2022 15:10*	
Surrogate: 4-Bromofluorobenzene	*99.5 %*	*70 - 130*			B2L2040	12/20/2022	*12/20/2022 15:10*	

QUALITY CONTROL SECTION

Batch B2L1901 - CT-ETPH

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2L1901-BLK1)					Prepared: 12/19/22 Analyzed: 12/19/22				
ETPH	ND	0.10							
Surrogate: Octacosane					*145*	*50 - 150*			
LCS (B2L1901-BS1)					Prepared: 12/19/22 Analyzed: 12/19/22				
ETPH	0.505	0.10	0.500		101	60 - 120			
Surrogate: Octacosane					*124*	*50 - 150*			
LCS Dup (B2L1901-BSD1)					Prepared: 12/19/22 Analyzed: 12/19/22				
ETPH	0.588	0.10	0.500		118	60 - 120	15.1	30	
Surrogate: Octacosane					*130*	*50 - 150*			

Batch B2L1946 - EPA 8270D

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2L1946-BLK1)					Prepared: 12/19/22 Analyzed: 12/20/22				
Naphthalene	ND	1.0							
2-Methyl Naphthalene	ND	1.0							
Acenaphthylene	ND	0.30							
Acenaphthene	ND	1.0							
Fluorene	ND	1.0							
Phenanthrene	ND	0.077							
Anthracene	ND	1.0							
Fluoranthene	ND	1.0							
Pyrene	ND	1.0							
Benzo[a]anthracene	ND	0.060							
Chrysene	ND	0.50							
Benzo[b]fluoranthene	ND	0.080							
Benzo[k]fluoranthene	ND	0.30							
Benzo[a]pyrene	ND	0.20							
Indeno[1,2,3-cd]pyrene	ND	0.10							
Dibenz[a,h]anthracene	ND	0.10							
Benzo[g,h,i]perylene	ND	0.40							
Surrogate: Nitrobenzene-d5					*43.6*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*42.8*	*30 - 130*			
Surrogate: Terphenyl-d14					*47.0*	*30 - 130*			
LCS (B2L1946-BS1)					Prepared: 12/19/22 Analyzed: 12/20/22				
Naphthalene	1.11	1.0	2.000		55.5	40 - 140			
2-Methyl Naphthalene	1.25	1.0	2.000		62.5	40 - 140			
Acenaphthylene	1.22	0.30	2.000		61.0	40 - 140			
Acenaphthene	1.23	1.0	2.000		61.5	40 - 140			
Fluorene	1.43	1.0	2.000		71.5	40 - 140			
Phenanthrene	1.45	0.077	2.000		72.5	40 - 140			
Anthracene	1.42	1.0	2.000		71.0	40 - 140			
Fluoranthene	1.62	1.0	2.000		81.0	40 - 140			
Pyrene	1.60	1.0	2.000		80.0	40 - 140			
Benzo[a]anthracene	1.69	0.060	2.000		84.5	40 - 140			
Chrysene	1.73	0.50	2.000		86.5	40 - 140			
Benzo[b]fluoranthene	1.68	0.080	2.000		84.0	40 - 140			
Benzo[k]fluoranthene	1.74	0.30	2.000		87.0	40 - 140			
Benzo[a]pyrene	1.63	0.20	2.000		81.5	40 - 140			
Indeno[1,2,3-cd]pyrene	1.92	0.10	2.000		96.0	40 - 140			
Dibenz[a,h]anthracene	1.85	0.10	2.000		92.5	40 - 140			
Benzo[g,h,i]perylene	1.86	0.40	2.000		93.0	40 - 140			
Surrogate: Nitrobenzene-d5					*83.6*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*76.4*	*30 - 130*			
Surrogate: Terphenyl-d14					*72.2*	*30 - 130*			

Batch B2L2040 - EPA 8260C

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2L2040-BLK1)					Prepared: 12/20/22 Analyzed: 12/20/22				
Dichlorodifluoromethane	ND	10							
Chloromethane	ND	2.7							
Vinyl Chloride	ND	1.6							
Bromomethane	ND	1.0							
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							
Bromochloromethane	ND	1.0							
Chloroform	ND	1.0							
Tetrahydrofuran	ND	4.0							
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							

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2L2040-BLK1) - Continued					Prepared: 12/20/22 Analyzed: 12/20/22				
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					*95.3*	*70 - 130*			
Surrogate: Toluene-d8					*95.8*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*96.5*	*70 - 130*			
LCS (B2L2040-BS1)					Prepared: 12/20/22 Analyzed: 12/20/22				
Dichlorodifluoromethane	106	10	50.000		**212**	70 - 130			**H**
Chloromethane	63.4	2.7	50.000		127	70 - 130			
Vinyl Chloride	69.4	1.6	50.000		**139**	70 - 130			**H**
Bromomethane	75.0	1.0	50.000		**150**	70 - 130			**H**
Chloroethane	56.9	5.0	50.000		114	70 - 130			
Trichlorofluoromethane	68.2	25	50.000		**136**	70 - 130			**H**
Acetone	119	50	100.000		119	70 - 130			
Acrylonitrile	52.5	0.50	50.000		105	70 - 130			
Trichlorotrifluoroethane	63.2	25	50.000		126	70 - 130			
1,1-Dichloroethene	55.0	1.0	50.000		110	70 - 130			
Methylene Chloride	59.6	5.0	50.000		119	70 - 130			
Carbon Disulfide	66.2	1.0	50.000		**132**	70 - 130			**H**
Methyl-t-Butyl Ether (MTBE)	54.3	5.0	50.000		109	70 - 130			
trans-1,2-Dichloroethene	53.4	1.0	50.000		107	70 - 130			
1,1-Dichloroethane	53.2	1.0	50.000		106	70 - 130			
2-Butanone (MEK)	117	25	100.000		117	70 - 130			
2,2-Dichloropropane	56.1	1.0	50.000		112	70 - 130			
cis-1,2-Dichloroethene	50.9	1.0	50.000		102	70 - 130			
Bromochloromethane	47.4	1.0	50.000		94.8	70 - 130			
Chloroform	53.0	1.0	50.000		106	70 - 130			
Tetrahydrofuran	58.7	4.0	50.000		117	70 - 130			
1,1,1-Trichloroethane	58.6	1.0	50.000		117	70 - 130			
Carbon Tetrachloride	45.0	1.0	50.000		89.9	70 - 130			
1,1-Dichloropropene	58.8	1.0	50.000		118	70 - 130			
Benzene	55.2	1.0	50.000		110	70 - 130			
1,2-Dichloroethane	49.8	1.0	50.000		99.5	70 - 130			
Trichloroethene	56.9	1.0	50.000		114	70 - 130			
1,2-Dichloropropane	49.1	1.0	50.000		98.3	70 - 130			
Dibromomethane	57.1	1.0	50.000		114	70 - 130			
Bromodichloromethane	52.1	0.50	50.000		104	70 - 130			
Methyl Isobutyl Ketone	101	25	100.000		101	70 - 130			

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B2L2040-BS1) - Continued					Prepared: 12/20/22 Analyzed: 12/20/22				
cis-1,3-Dichloropropene	51.3	0.50	50.000		103	70 - 130			
Toluene	49.7	1.0	50.000		99.3	70 - 130			
trans-1,3-Dichloropropene	48.5	0.50	50.000		97.0	70 - 130			
2-Hexanone	98.1	25	100.000		98.1	70 - 130			
1,1,2-Trichloroethane	51.4	1.0	50.000		103	70 - 130			
Tetrachloroethene	54.5	1.0	50.000		109	70 - 130			
1,3-Dichloropropane	50.1	0.50	50.000		100	70 - 130			
Dibromochloromethane	58.4	0.50	50.000		117	70 - 130			
1,2-Dibromoethane	56.8	0.50	50.000		114	70 - 130			
trans-1,4-Dichloro-2-Butene	53.2	10	50.000		106	70 - 130			
Chlorobenzene	54.2	1.0	50.000		108	70 - 130			
1,1,1,2-Tetrachloroethane	56.3	1.0	50.000		113	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	52.2	1.0	50.000		104	70 - 130			
Styrene	53.9	1.0	50.000		108	70 - 130			
Bromoform	53.8	1.0	50.000		108	70 - 130			
Isopropylbenzene	54.6	1.0	50.000		109	70 - 130			
1,1,2,2-Tetrachloroethane	54.5	0.50	50.000		109	70 - 130			
Bromobenzene	52.0	1.0	50.000		104	70 - 130			
1,2,3-Trichloropropane	52.6	1.0	50.000		105	70 - 130			
n-Propylbenzene	54.4	1.0	50.000		109	70 - 130			
2-Chlorotoluene	51.1	1.0	50.000		102	70 - 130			
4-Chlorotoluene	51.7	1.0	50.000		103	70 - 130			
1,3,5-Trimethylbenzene	49.6	1.0	50.000		99.2	70 - 130			
tert-Butylbenzene	54.5	1.0	50.000		109	70 - 130			
1,2,4-Trimethylbenzene	52.5	1.0	50.000		105	70 - 130			
sec-Butylbenzene	50.8	1.0	50.000		102	70 - 130			
1,3-Dichlorobenzene	53.9	1.0	50.000		108	70 - 130			
4-Isopropyltoluene	51.6	1.0	50.000		103	70 - 130			
1,4-Dichlorobenzene	53.8	1.0	50.000		108	70 - 130			
1,2-Dichlorobenzene	56.2	1.0	50.000		112	70 - 130			
n-Butylbenzene	51.9	1.0	50.000		104	70 - 130			
1,2-Dibromo-3-Chloropropane	60.1	1.0	50.000		120	70 - 130			
1,2,4-Trichlorobenzene	59.1	1.0	50.000		118	70 - 130			
Hexachlorobutadiene	60.3	0.45	50.000		121	70 - 130			
Naphthalene	58.8	1.0	50.000		118	70 - 130			
1,2,3-Trichlorobenzene	58.0	1.0	50.000		116	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*94.5*	*70 - 130*			
Surrogate: Toluene-d8					*90.2*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*102*	*70 - 130*			

CET # : 2120549
Project: Old Lyme Region 18 School, 49 Lyme St
Project Number: 22(S)216

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

CASE NARRATIVE

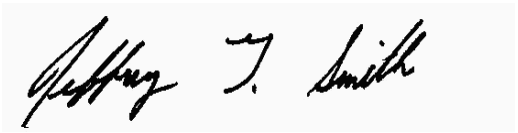
No collection time provided by client on chain of custody for the following sample: 2120549-01.

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 Jeffrey Smith



Project Manager

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.

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CT-ETPH in Water	
ETPH	CT,RI
EPA 8260C in Water	
Dichlorodifluoromethane	CT
Chloromethane	CT
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
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
Bromochloromethane	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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 8260C in Water	
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
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
EPA 8270D in Water	
Naphthalene	CT
2-Methyl Naphthalene	CT
Acenaphthylene	CT
Acenaphthene	CT
Fluorene	CT
Phenanthrene	CT
Anthracene	CT
Fluoranthene	CT
Pyrene	CT
Benzo[a]anthracene	CT
Chrysene	CT
Benzo[b]fluoranthene	CT
Benzo[k]fluoranthene	CT
Benzo[a]pyrene	CT
Indeno[1,2,3-cd]pyrene	CT
Dibenz[a,h]anthracene	CT

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 8270D in Water	
Benzo[g,h,i]perylene	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
RI	Rhode Island Certification	LAO 00227	12/30/2022

2120549

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): 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	Same Day *	Next Day *	Two Day *	Three Day *	Std (5-7 Days)	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List PAH's	8270 PNAs	PCBs ☐ SOX ☐ ASE	Pesticides	TOTAL # OF CONT.	NOTE #
MW-7	12/15/22	W				X		X			X	X				4	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other): % | | | C | C | 4
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other): V | | | G | G
Soil VOCs Only (M=MeOH B=Sodium Bisulfate W=Water F=Empty Vial E=Encore)

RELINQUISHED BY: Justin O'Leary DATE/TIME 12/15/22 RECEIVED BY: [signature] 12/16/22 CGS
RELINQUISHED BY: [signature] DATE/TIME 12/16/22 1400 RECEIVED BY: [signature] 12/16/22 1400
RELINQUISHED BY: DATE/TIME RECEIVED BY:

NOTES:

Client / Reporting Information

Company Name: Kropp Environmental
Address: P.O. Box 258
City: Lebanon State: CT Zip: 06249
Report To: Sally E-mail: sally@kroppenvironmental.com
Phone #: 860-642-9952 Fax #:

Project Information

Project: Old Lyme Region 18 School PO #:
Location: 49 Lyme St., Old Lyme Project #: 22(S)216
CET Quote #: Collector(s): JO

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