



April 20, 2022

Mr. Leo Hellested, P.E. - Chief  
Rhode Island Department of Environmental Management  
Office of Land Revitalization and Sustainable Materials Management  
Division of Site Remediation  
235 Promenade Street  
Providence, Rhode Island 02908-5767

Attn: Ashley Blauvelt

Re: **Notification of Release**  
**William S. Rogers High School**  
**15 Wickham Road**  
**Newport, RI 02840**  
Pare Project No.: 21106.00

Dear Ms. Blauvelt:

On behalf of the City of Newport and the Newport School Department (City) and in accordance with Section 1.6 of the Rhode Island Department of Environmental Management (RIDEM) Rules and Regulations for the Investigation and Remediation of Hazardous Material Releases (Remediation Regulations), Pare Corporation has prepared this Notification of Release (NOR) for the above referenced project. The following sections of this letter provide the required information to address Items 1 through 10 of Section 1.6.2.A of the Regulations, Contents of Notification. This Notification includes a brief summary of conditions leading to the discovery of a release condition and proposed remedial actions necessary to protect the public safety and environment. Our intent is to complete the work under these provisions sufficient to obtain a Letter of Compliance.

The City of Newport is proposing to build a new high school on the site of the existing William S. Rogers High School and Technical Center at 15 Wickham Road and 109 Old Fort Road respectively. The Release reported herein was discovered during a Phase II Environmental Site Assessment performed to support the environmental due diligence phase of a new school project. The parcel is identified as Lots 2, 20 and 300 on Plat 41 and is approximately 39 ± acres in size. The high school was constructed in 1957 and is approximately 105,015 square feet inclusive of the auditorium, gymnasium, and academic buildings. The Newport Area Career and Technical Center was built in 1989 and is located on 109 Old Fort Road and consists of approximately 27,300 square feet.





Both schools are planned to be demolished and replaced by a new school building largely located on the southwest corner of the property coincidental with the current auditorium. The Site is located in the Newport Neck area of Newport which is largely a residential neighborhood area south of the Thames Street Historic District. The topography of the Site varies, with several small mounds and depressions observed during the Site reconnaissance. Overall, the Site topography represents a high area relative to surrounding properties. Site topography is approximately 46 to 66 feet mean sea level (MSL). Area topography generally appears to slope easterly. The Site is located on Aquidneck Island and is situated roughly mid-way between Brenton Cove (roughly 1,700-feet northwest) and the Atlantic Ocean (roughly 2,000-feet south-southeast). The nearest named waterbody, Lily Pond, is located roughly 600-feet southeast of the Site.

Prior to the construction of the school buildings, the site was the location of a WW2 era naval battery and the location of a quarry. After the WW2, the quarry was filled and the northern half of the Site was used as a municipal dump, referred to as the Harrison Avenue dump. The current track and field was built atop the former dump, but the limits of the landfilling/dumping operations is unknown at this time.

A limited subsurface investigation was performed at the Site to support design of the new school and to comply with the Rhode Island Department of Education (RIDE) school siting requirements. To this end, three (3) direct push borings, two (2) monitoring wells, ten (10) test pits, ten (10) surface soil samples, and soil vapor measurements were taken within the limits of the school construction project (i.e., new building structure and site work areas), as currently determined, to investigate subsurface conditions. Soil samples for laboratory chemical analysis were collected from all tests and borings. Two (2) of the borings were converted into monitoring wells after soil sampling was performed. A third well was planned but groundwater was not encountered. Surface soil samples were collected around the footprint of the existing school structure to evaluate historical impacts from building materials including lead painted surfaces and/or from building caulking containing PCBs. The soil vapor points were collected from borings and test pit locations completed within and around the proposed building footprint to evaluate potential vapor concerns.

The subsurface investigation identified arsenic, lead, petroleum hydrocarbons and several SVOCs, exceeding RIDEM Residential Direct Exposure Criteria (R-DEC) concentrations. VOCs were not identified in any of the soil samples with the exception of one low-level (<RDEC threshold) of naphthalene in boring B22-8. PCBs were not reported above the R-DEC in any of the samples including surface soil samples around the building perimeter. No contaminants were detected in the groundwater samples collected from B22-6 and B22-8.

Laboratory analytical results are attached and have been summarized in the attached Tables 1, 2, 3, and 4. In general, the soils at the site that were tested were consistent with historic land uses including quarry operations, dumping grounds and tree burning site, fill operations, school grounds and an anti-aircraft battery. The following conditions were noted:

- An ELUR area was identified within the northwest corner of the athletic track on the northeast side of the site. The ELUR was placed in this area due to the presence of elevated lead concentrations detected in fill soils associated with a combined sewer outfall project within Newport.
- Petroleum hydrocarbons, lead and PAHs were detected in several locations consistent with known dumping practices. Generally, samples collected from the northern half of the Site contained varying concentrations of PAHs and lead. Petroleum hydrocarbons, though detected at several locations was reported above 500 mg/Kg (The DEC threshold for residential areas) in only one location (TP-21).



- Lead was detected in several surface soil samples collected from around the building footprint above the RDEC threshold. Lead in the shallow surface soil samples is presumed to originate from lead painted surfaces on the building. Trace (< 1 mg/Kg) PCBs were detected in a few samples. No values exceeded the RDEC threshold for PCBs. One sample was reported as 3.45 mg/Kg and may need to be further evaluated relative to federal regulations.
- Arsenic was detected in several locations throughout the site and is suspected to be representative of naturally occurring arsenic. A background determination of arsenic may be difficult given the historic nature of landfilling/dumping in the area; however, arsenic is prevalent in this area of Rhode Island and throughout Aquidneck Island. It would be prudent to further evaluate if the arsenic present in samples is naturally occurring or the result of anthropogenic human activities.

Due to the presence of PAHs, TPH, lead and arsenic above the RIDEM's R-DEC, a reportable condition, as defined by Section 1.6.1 of the Remediation Regulations, exists at the site. The following information is presented to address Items 1 through 10 of Section 1.6.2.A of the Regulations, Contents of Notification.

**§1.6.2(A)(1)** – The Notifier of the site is the City of Newport. The contact phone number is (401) 847-2100 (Ext 5376), and the contact person is Dr. Colleen Jermain, Newport School Superintendent, Newport RI. The Newport School Department address is 15 Wickham Road, Newport, RI, 02840.

**§1.6.2(A)(2)** – The property is identified as Lots 2, 20, and 300 on Map 41 and is approximately 39± acres in size. A copy of the Tax Assessor's Plan and property cards are attached to this notice. The school was constructed around 1957 and is approximately 105,015 square feet inclusive of the auditorium, gymnasium, and academic buildings. The Newport Area Career and Technical Center was built in 1989 and is located on 109 Old Fort Road and consists of approximately 27,300 sq feet. The property is in a largely residential area of southern Newport.

**§1.6.2(A)(3)** – The impacted soil was discovered during a Phase II Environmental Site Assessment performed to support the environmental due diligence phase of a new school project. Soil samples for laboratory chemical analysis were collected from borings, tests pits, and surface soil samples around the footprint of the existing and proposed school structures to evaluate historical land use impacts. Groundwater monitoring wells were installed at two (2) locations within the proposed building footprint and soil samples were collected from several test pits completed around the site and were screened for the presence of soil vapors. Attachment 3 shows the site plan and sampling locations with annotated test results.

**§1.6.2(A)(4)** - Laboratory analytical results are attached and have been summarized in the attached Tables 1 through 5. Petroleum hydrocarbons, lead and PAHs were detected in several locations assumed to be attributable to past dumping practices. Generally, samples collected from the northern half of the site contained varying concentrations of PAHs and lead. Petroleum hydrocarbons, though detected at several locations, were reported above 500 mg/kg (The DEC threshold for residential areas) in only one location (TP-21). Lead and low levels of PCBs were detected in surface soil samples collected from the perimeter of the building.

Exceedances of TPH, PAHs, lead and arsenic in the site soils are above the R-DEC and requires notification.



**§1.6.2(A)(5)** –The source of the PAH, lead, and petroleum hydrocarbon contamination as found in the soil samples is unknown and is presumed to be associated with the nature of variable dumping and reported burn practices at the site. PAHs, lead, and petroleum hydrocarbon were reported above RDEC limits in the northern portion of the site coincidental to known dumping and quarrying operations. Lead was also detected at several locations around the perimeter of the existing school building and is likely related to lead painted surfaces. Low levels (<RDEC) of PCBs were identified in surface soils adjacent to the school building as well and is likely related to caulking within the building masonry units. Arsenic levels were detected consistent with naturally occurring levels in the Aquidneck Island area of Rhode Island. The arsenic concentrations appear to be independent of landfilling operations and appear in areas of no known landfilling as well as in landfilled areas.

**§1.6.2(A)(6)** – The Release reported herein was discovered during a preliminary investigation within the proposed limits of work for a new school on the same grounds as the existing school (15 Wickham Road). It is proposed that the conditions could be addressed during construction phase earthwork activities through a combination of soil removal/disposal-off-site, installation of pavement and other suitable cap materials, and filing of an environmental land usage restriction (ELUR). Design details are being finalized and are expected to be complete by Summer of 2022.

**§1.6.2(A)(7)** – An initial assessment was made as to whether or not the release presents an Imminent Hazard as defined in Section 1.4(A)(36) of the Regulations. The assessment was made with respect to the current and future use of the property (i.e., a municipal public school). Based on the information obtained to date, the Release **does not** appear to:

1. Pose an immediate and substantial threat or risk of acute or chronic adverse effect on human health;
2. Pose a threat or risk of harm, which could cause immediate destruction or significant adverse impact on an Environmentally Sensitive Area or the contamination of a wellhead protection area or other drinking water source; or
3. Pose an immediate threat of fire or explosion.

Wetlands and surface water are within 500 feet of reported concentrations of oil and hazardous materials above RIDEM Direct Exposure Criteria for both residential and industrial settings. The types of contaminants detected and the concentrations reported are consistent with previous land uses including evidence of burn dump materials, contaminated fill placement and miscellaneous sources of petroleum hydrocarbons as well as naturally occurring levels of arsenic above the Residential and Industrial Direct Exposure Criteria of 7 mg/kg. Groundwater information reviewed by Pare indicates that groundwater below the site is classified as GA. Groundwater classified GA are groundwater resources, which are presumed to be suitable as a drinking water source without treatment. According to Rhode Island Geographical Information System (RIGIS) data reviewed by Pare, the Site is located within a largely residential area of Newport Neck, Newport RI. Large open and undeveloped areas of land are present to the south and west of the site as wooded wetlands and former quarry areas.



**§1.6.2(A)(8)** – The school lot is surrounded by residential and some commercial businesses in Newport, RI. The horizontal extent of contamination appears limited to the subject property and is expected to be localized to the areas initially discovered. The vertical extent of the contamination appears to be limited to variable fill present throughout the site.

**§1.6.2(A)(9)** – The underlying groundwater classification at the Site is GA. Groundwater classified GA are groundwater resources, which are presumed to be suitable as a drinking water source without treatment. No contaminants were reported in either monitoring well installed on the site.

**§1.6.2(A)(10)** – PAHs, petroleum hydrocarbons, and lead appear to be consistent with fill materials found on the Site and is likely related to former burn dump activity in the past. It is known that the City would on occasion sponsor tree bonfire events and that other burned materials and solid waste would be disposed at the Site.

A public notice and public hearing pursuant to the RIDE school siting requirements were conducted in parallel to the Phase I and Phase II ESA programs. A copy of the public notice is attached including a digital video recording of the public meeting. Pare performed the following public engagement activities:

1. A public meeting was held on Site at the Newport Area Career and Technical Center (NACTC) on January 13, 2022 specifically for the purpose of gathering information from the public on the past uses of the site that would inform future environmental investigations of the property.
2. Pare sent out a notice of the public meeting via certified mail to homes and business within 200 feet of the school (copies of the certified mailing and receipts are attached, along with a list of abutters within 200 feet). Mailings were sent out 14 calendar days ahead of the meeting. The public meeting was held on January 13, 2022 within the Newport Area Career and Technical Center on the Site as the pre-investigation public meeting required by RIDE. The meeting was well attended. A list of attendees, a copy of the presentation, and a recording of the meeting is attached to this letter. We anticipate that additional public engagement will be required after the completion of the Site Investigation activities but before the Remedial Action Work Plan development, as prescribed by the Remediation Regulations.
3. Subsequent to the meeting, Pare has received a number of e-mail correspondence from abutters and interested individuals providing additional information on the history of the Site. Pare has compiled those and attached them to this NOR. Pare and the City are evaluating the information provided by the public and will incorporate as appropriate their information (and in some cases requests for additional sampling) into the next phase of sampling at the Site.



Mr. Leo Hellested, P.E. - Chief

(6)

April 20, 2022

We anticipate that RIDEM will issue a Letter of Responsibility for this Site and we will provide additional information as requested. We look forward to your review of this letter. In the meantime should you have any questions regarding the Notification of Release, please contact me at your earliest convenience.

Sincerely,

Timothy P. Thies, P.E.  
Senior Vice President

TPT/MF/kji

ECC by email:

- Dr. Colleen Jermain – Newport Public Schools Superintendent
- Ms. Catherine Elliothorpe - SLAM
- Mr. Michael Flynn, CHMM, LSP – Pare Corporation (w/o attachments)

Attachments:

- 1 - RIDEM Notification of Release Form
- 2 - USGS Topographic Locus Plan (Figure 1)
- 3 - RIGIS Site and Boring Location Plan (Figure 2)
- 4 - City of Newport Tax Assessor's Map and Property Card
- 5 - RIDEM Groundwater Resource Map Overlay
- 6 - Summary Analytical Data Tables
- 7 - Analytical Data Reports Soil and Groundwater Samples
- 8 - Public Notice Records (Pre-SIR Notice in English and Spanish, Abutters list, Attendee List and a copy of the presentation slides)
- 9 - Digital Video Recording (DVR) of Public Meeting January 13, 2022
- 10 - Copies of email correspondence from the public

**ATTACHMENT 1**  
***NOR Form Rogers High School***

**Office of Land Revitalization & Sustainable Materials Management  
Site Remediation Section**

**HAZARDOUS MATERIAL RELEASE NOTIFICATION FORM**

**THIS FORM IS NOT TO BE USED TO REPORT AN IMMINENT HAZARD**

**1. Notifier Information:**

Name:

Address:

Phone:

Email:

Status:	Environmental Professional	Secured Creditor
	Owner	Voluntary
	Operator	

If Environmental Professional is selected, please supply the follow information for your client below:

Name:

Address:

Phone:

Email:

Status:	Owner	Secured Creditor
	Operator	Voluntary

**2. Property Information:**

Name of Site:

Site Address:

Plat/Lot Numbers:

Approximate Acreage of Property:

Latitude/Longitude:

Site Land Usage Type:	Residential	Industrial/Commercial
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Location of Release (Attach site sketch as necessary):

**3. Release Information:**

Date of Discovery:

Source:



Release Media:

Hazardous Materials and Concentrations (Attach certificates of analysis as necessary):

Extent of Contamination:

Approximate acreage of Contaminated Area:

**4. Resource Information:**

Site Land Usage:	Industrial/Commercial	Residential
Adjacent Land Usage:	Industrial/Commercial	Residential
Site Groundwater Class:	GA/GAA	GB
Adjacent Groundwater Class: (if different than site groundwater classification within 500 feet)	GA/GAA	GB
Nearest Surface Water or Wetland:	Less Than 500 Feet	Greater Than 500 Feet
Potential for adverse impact?	Yes	No

**5. Potentially Responsible Parties:**

Name:

Address:

Status:    Owner                      Operator                      Other:

Name:

Address:


Status:    Owner                      Operator                      Other:

**6. Measures taken or proposed to be taken in response to Release:**

Check all that apply:

Site Investigation	Short-Term/Emergency
EXPRESS Policy	Dig & Haul Policy

**7. Other significant remarks about Release (Will a background determination be made?)**

Signature:  \_\_\_\_\_ Date: \_\_\_\_\_

Title: \_\_\_\_\_

## **ATTACHMENT 2**

### ***Locus Map***



IMAGERY SOURCE: RIGIS, 2015. U.S.G.S. 7.5-Minute Topographic Maps.  
 Rhode Island Geographic Information System (RIGIS) Data Distribution System,  
 URL: <http://www.rigis.org>,  
 Environmental Data Center, University of Rhode Island, Kingston, Rhode Island



**FIGURE 1**

**PARE CORPORATION**  
 ENGINEERS - SCIENTISTS - PLANNERS  
 8 BLACKSTONE VALLEY PLACE  
 LINCOLN, RI 02865  
 401-334-4100



**SITE LOCUS MAP**

WILLIAM S. ROGERS HIGH SCHOOL  
 15 WICKHAM ROAD  
 NEWPORT, RI

PARE PROJECT:  
 DATE:



"NEWPORT, RHODE ISLAND"  
 QUADRANGLE




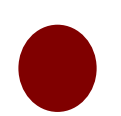
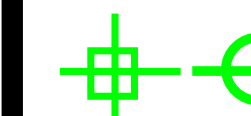

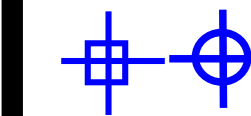
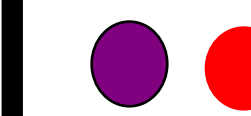
★ SITE LOCATION

21106.00  
 AUG 2021

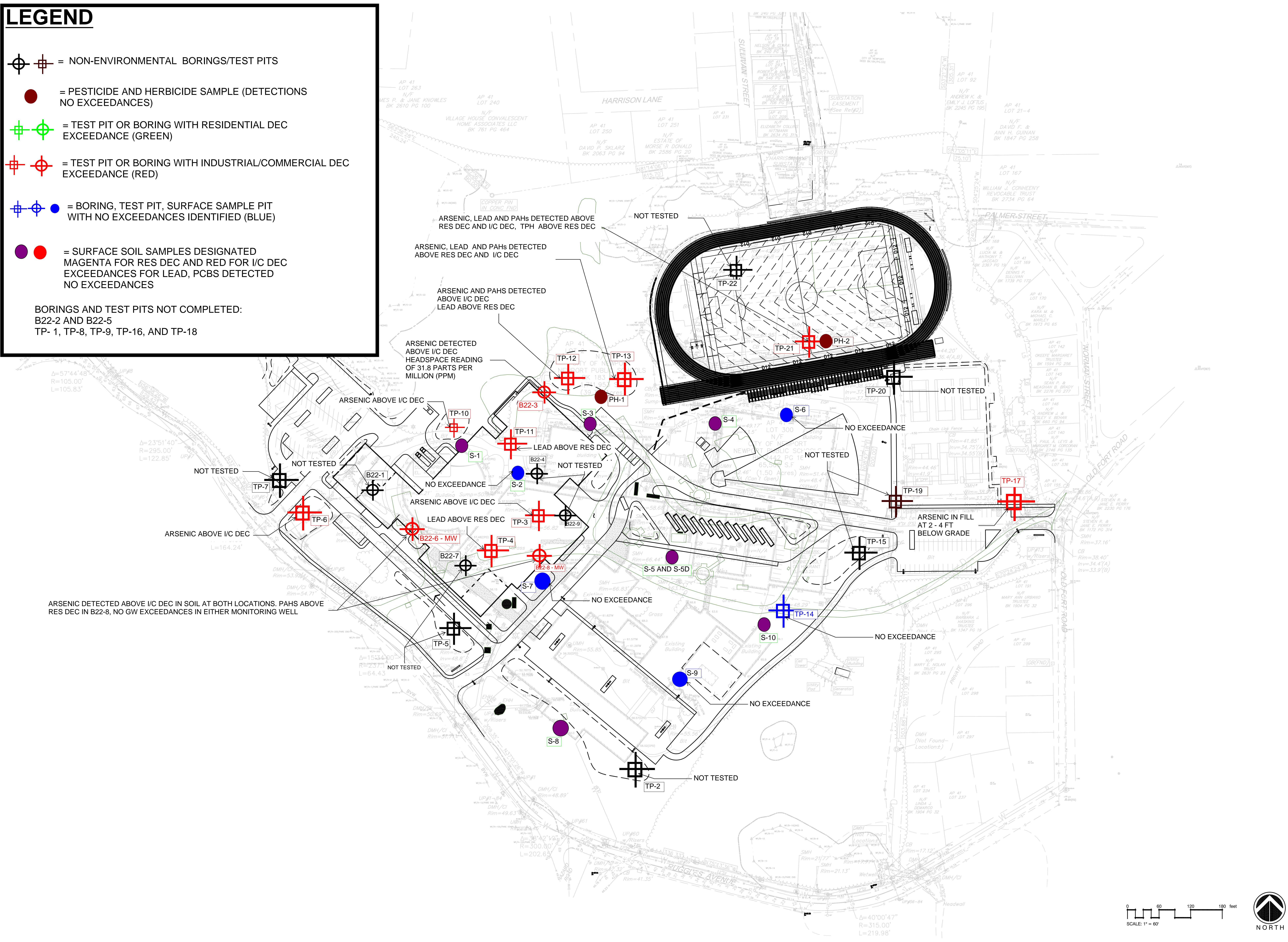
**ATTACHMENT 3**

***Site Plan***

# LEGEND

-  = NON-ENVIRONMENTAL BORINGS/TEST PITS
-  = PESTICIDE AND HERBICIDE SAMPLE (DETECTIONS NO EXCEEDANCES)
-  = TEST PIT OR BORING WITH RESIDENTIAL DEC EXCEEDANCE (GREEN)
-  = TEST PIT OR BORING WITH INDUSTRIAL/COMMERCIAL DEC EXCEEDANCE (RED)
-  = BORING, TEST PIT, SURFACE SAMPLE PIT WITH NO EXCEEDANCES IDENTIFIED (BLUE)
-  = SURFACE SOIL SAMPLES DESIGNATED MAGENTA FOR RES DEC AND RED FOR I/C DEC EXCEEDANCES FOR LEAD, PCBs DETECTED NO EXCEEDANCES

BORINGS AND TEST PITS NOT COMPLETED:  
 B22-2 AND B22-5  
 TP- 1, TP-8, TP-9, TP-16, AND TP-18

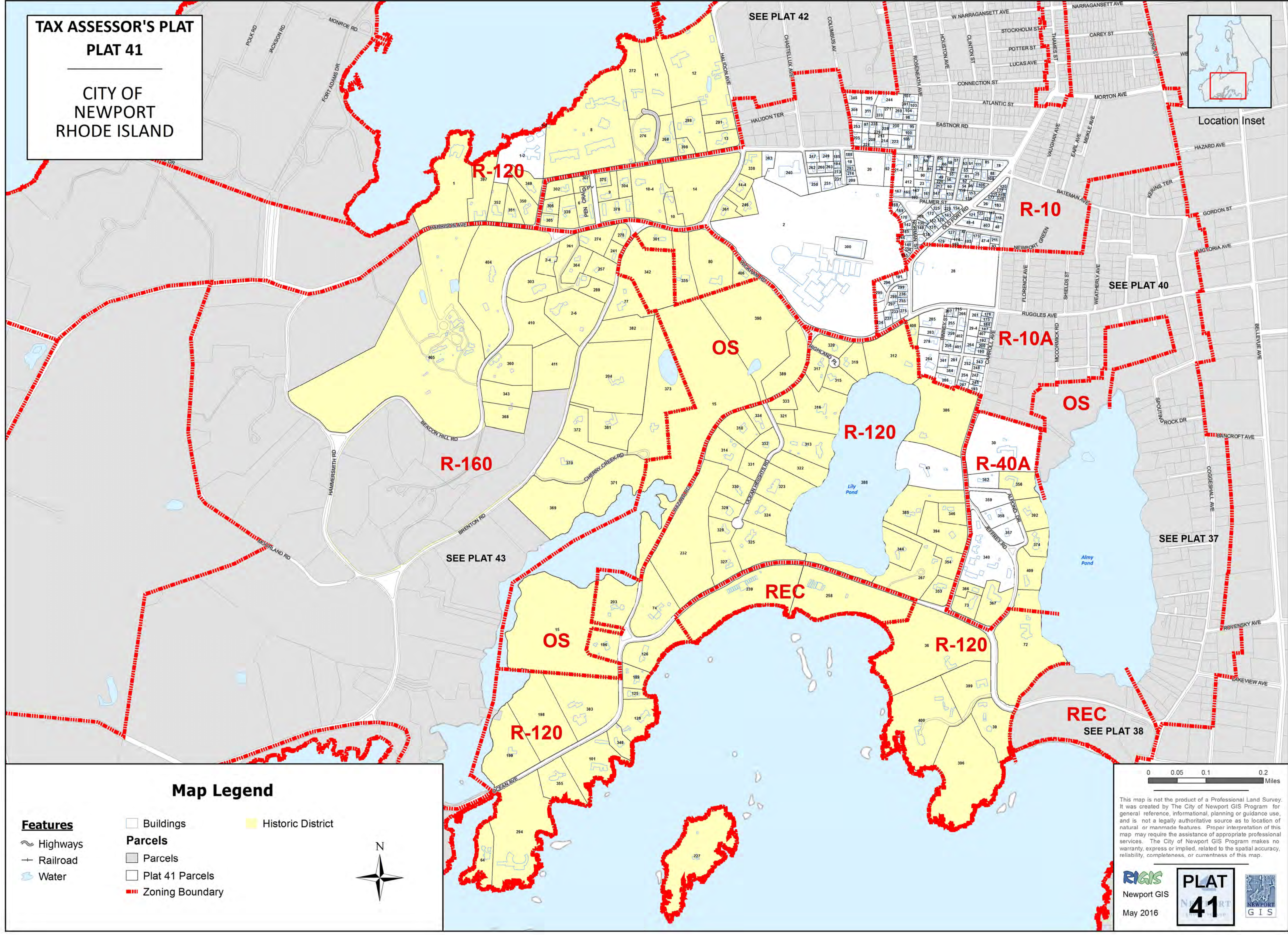


**ATTACHMENT 4**

***Tax Assessor's Map and Property Card***

**TAX ASSESSOR'S PLAT  
PLAT 41**

CITY OF  
NEWPORT  
RHODE ISLAND



Parcel: 41-002      Location: 15 WICKHAM RD      Owner: NEWPORT CITY OF  
 Account: 7778      User Acct: R08291      LUC: 78 - Municipal      Zoning: R40

**Parcel Values**  
 Total: \$32,994,300      Land: \$17,030,200      Land Area: 1,550,736 SF      Building: \$962,600      Assessed: \$32,994,300

**Sales Information**

Book and Page	Instrument Type	Date	Price	Grantor
183-4		10/06/1953	\$0	LEAL ERNEST S
169-38		12/04/1948	\$0	GROSVENOR ROSE

**Building Type:** Auditorium    **Year Built:** 1957    **Grade:**B    **Condition:**GD  
**Heat Fuel:** Oil    **Heat Type:** Steam    **% Air Conditioned:** 100.00    **Fireplaces:**0  
**Exterior Wall:**Glass/Thermo    **Bsmnt Garage:** 0    **Roof Cover:** Enam Mtl Shi    **# of Units:** 1  
**# of Rooms:** 0    **# of Bedrooms:** 0    **Full Bath:** 0    **1/2 Baths:** 1

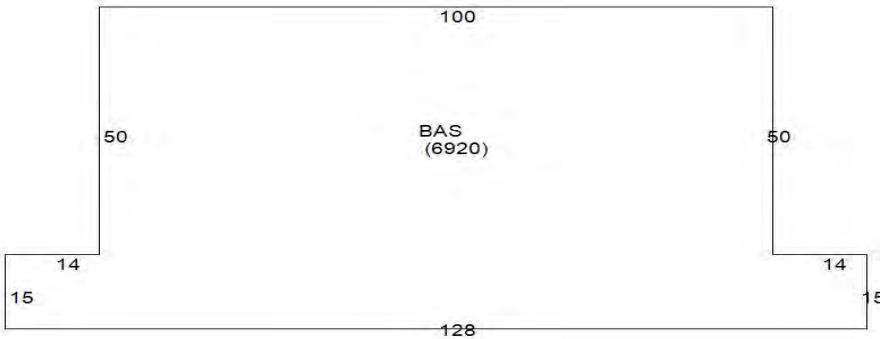
**Yard Item(s)**

Description	Quantity	Size	Year	Condition	Quality	Value
FINISHED	1	1855	1981	AV	Average	\$28,400.00
PAVING-ASPHALT	1	20000	2001	AV	Average	\$31,100.00
SHED FRAME	1	186	2014	AV	Average	\$1,900.00

**Building Areas**

Area	Net Area	Finished Area
First Floor	6,920 SF	6,920 SF

**Disclaimer: This information is for tax assessing purposes and is not warranted**





Parcel: 41-002      Location: 15 WICKHAM RD      Owner: NEWPORT CITY OF  
 Account: 7778      User Acct: R08291      LUC: 78 - Municipal      Zoning: R40

**Parcel Values**

Total: \$32,994,300      Land: \$0      Land Area: 1,550,736 SF      Building: \$1,752,600      Assessed: \$32,994,300

**Sales Information**

Book and Page	Instrument Type	Date	Price	Grantor
183-4		10/06/1953	\$0	LEAL ERNEST S
169-38		12/04/1948	\$0	GROSVENOR ROSE

**Building Type:** Gym      **Year Built:** 1957      **Grade:**B-      **Condition:**GD  
**Heat Fuel:** Oil      **Heat Type:** Steam      **% Air Conditioned:** 0.00      **Fireplaces:**0  
**Exterior Wall:**Glass/Thermo      **Bsmnt Garage:** 0      **Roof Cover:** Tar & Gravel      **# of Units:** 1  
**# of Rooms:** 0      **# of Bedrooms:** 0      **Full Bath:** 0      **1/2 Baths:** 1

**Yard Item(s)**

Description	Quantity	Size	Year	Condition	Quality	Value
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**Building Areas**

Area	Net Area	Finished Area
First Floor	17,600 SF	17,600 SF

Disclaimer: This information is for tax assessing purposes and is not warranted



Parcel: 41-002      Location: 15 WICKHAM RD      Owner: NEWPORT CITY OF  
 Account: 7778      User Acct: R08291      LUC: 78 - Municipal      Zoning: R40

**Parcel Values**  
 Total: \$32,994,300      Land: \$0      Land Area: 1,550,736 SF      Building: \$2,668,000      Assessed: \$32,994,300

**Sales Information**

Book and Page	Instrument Type	Date	Price	Grantor
183-4		10/06/1953	\$0	LEAL ERNEST S
169-38		12/04/1948	\$0	GROSVENOR ROSE

**Building Type:** School      **Year Built:** 1957      **Grade:**B-      **Condition:**GD  
**Heat Fuel:** Oil      **Heat Type:** Hot Water      **% Air Conditioned:** 0.00      **Fireplaces:**0  
**Exterior Wall:**Glass/Thermo      **Bsmnt Garage:** 0      **Roof Cover:** Tar & Gravel      **# of Units:** 1  
**# of Rooms:** 0      **# of Bedrooms:** 0      **Full Bath:** 0      **1/2 Baths:** 1

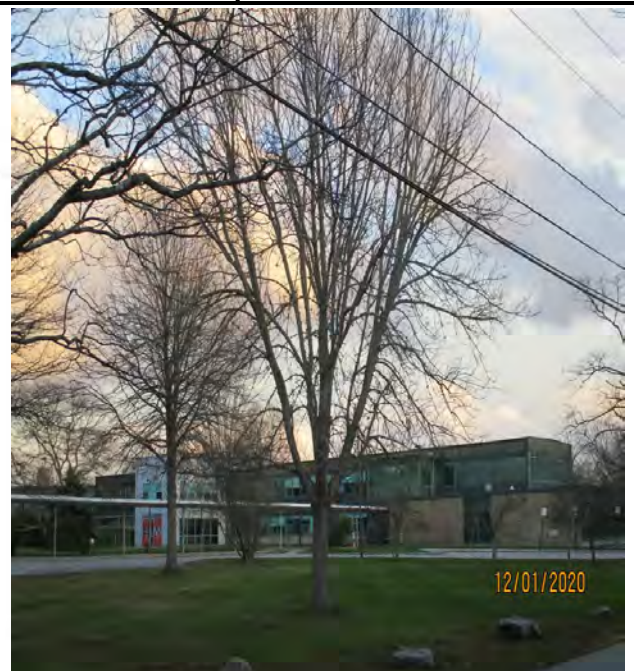
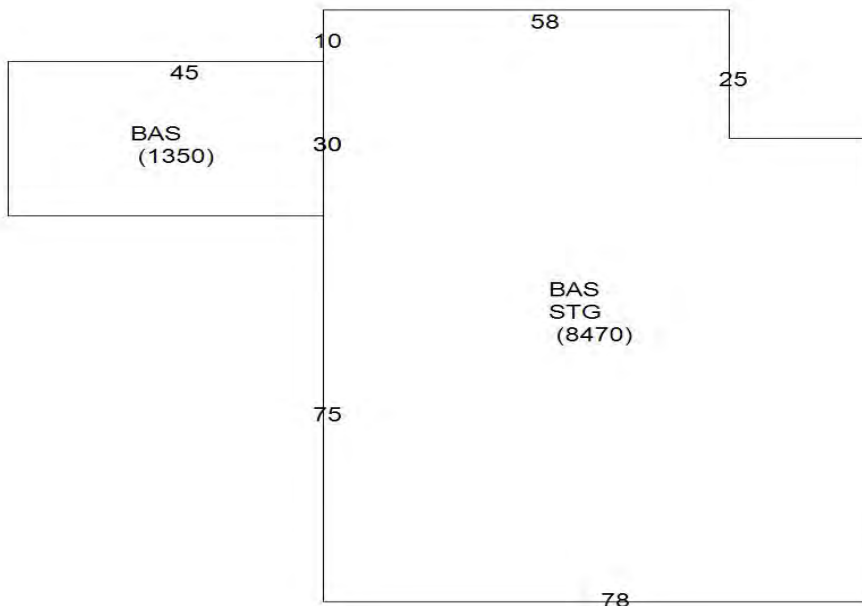
**Yard Item(s)**

Description	Quantity	Size	Year	Condition	Quality	Value
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**Building Areas**

Area	Net Area	Finished Area
First Floor	9,820 SF	9,820 SF
Storage Area	8,470 SF	0 SF

**Disclaimer: This information is for tax assessing purposes and is not warranted**





# Newport

(Summary Data - may not be Complete Representation of Property)



Parcel: 41-002      Location: 15 WICKHAM RD      Owner: NEWPORT CITY OF  
 Account: 7778      User Acct: R08291      LUC: 78 - Municipal      Zoning: R40

### Parcel Values

Total: \$32,994,300      Land: \$0      Land Area: 1,550,736 SF      Building: \$816,300      Assessed: \$32,994,300

### Sales Information

Book and Page	Instrument Type	Date	Price	Grantor
183-4		10/06/1953	\$0	LEAL ERNEST S
169-38		12/04/1948	\$0	GROSVENOR ROSE

**Building Type:** School      **Year Built:** 1957      **Grade:**B-      **Condition:**GD  
**Heat Fuel:** Oil      **Heat Type:** Hot Water      **% Air Conditioned:** 0.00      **Fireplaces:**0  
**Exterior Wall:**Glass/Thermo      **Bsmnt Garage:** 0      **Roof Cover:** Tar & Gravel      **# of Units:** 1  
**# of Rooms:** 0      **# of Bedrooms:** 0      **Full Bath:** 0      **1/2 Baths:** 1

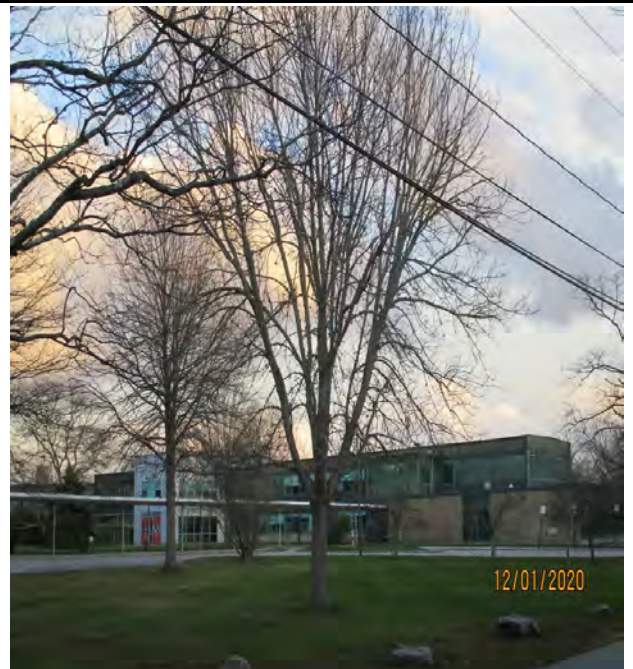
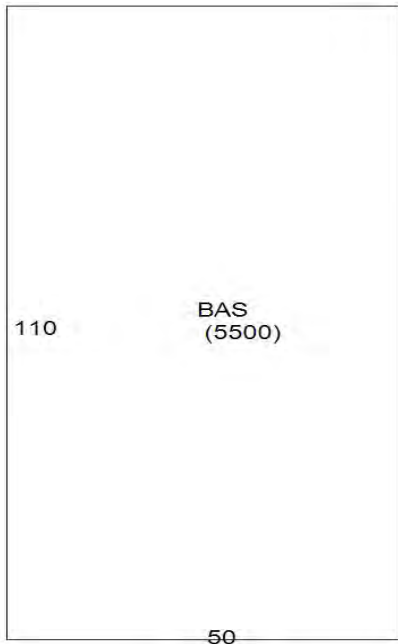
### Yard Item(s)

Description	Quantity	Size	Year	Condition	Quality	Value
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### Building Areas

Area	Net Area	Finished Area
First Floor	5,500 SF	5,500 SF

**Disclaimer: This information is for tax assessing purposes and is not warranted**



Parcel: 41-002      Location: 15 WICKHAM RD      Owner: NEWPORT CITY OF  
 Account: 7778      User Acct: R08291      LUC: 78 - Municipal      Zoning: R40

**Parcel Values**

Total: \$32,994,300      Land: \$0      Land Area: 1,550,736 SF      Building: \$964,600      Assessed: \$32,994,300

**Sales Information**

Book and Page	Instrument Type	Date	Price	Grantor
183-4		10/06/1953	\$0	LEAL ERNEST S
169-38		12/04/1948	\$0	GROSVENOR ROSE

**Building Type:** School      **Year Built:** 1957      **Grade:**B-      **Condition:**GD  
**Heat Fuel:** Oil      **Heat Type:** Hot Water      **% Air Conditioned:** 0.00      **Fireplaces:**0  
**Exterior Wall:**Glass/Thermo      **Bsmnt Garage:** 0      **Roof Cover:** Tar & Gravel      **# of Units:** 1  
**# of Rooms:** 0      **# of Bedrooms:** 0      **Full Bath:** 0      **1/2 Baths:** 1

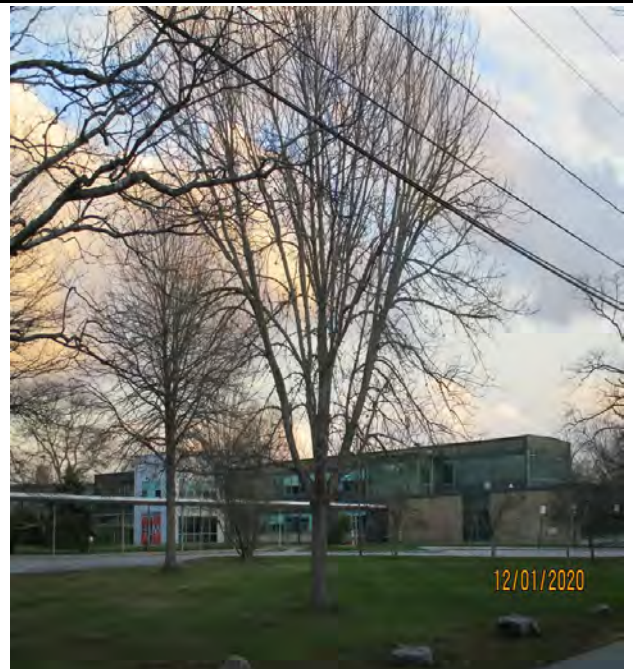
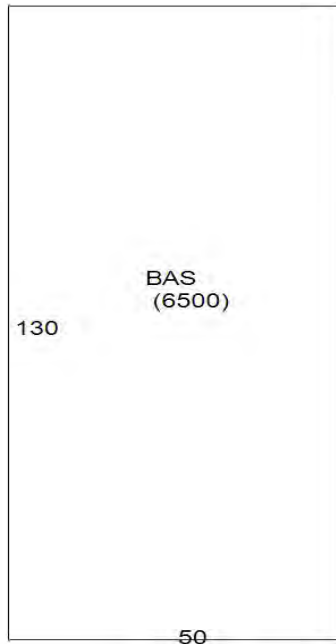
**Yard Item(s)**

Description	Quantity	Size	Year	Condition	Quality	Value
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**Building Areas**

Area	Net Area	Finished Area
First Floor	6,500 SF	6,500 SF

**Disclaimer: This information is for tax assessing purposes and is not warranted**



Parcel: 41-002      Location: 15 WICKHAM RD      Owner: NEWPORT CITY OF  
 Account: 7778      User Acct: R08291      LUC: 78 - Municipal      Zoning: R40

**Parcel Values**  
 Total: \$32,994,300      Land: \$0      Land Area: 1,550,736 SF      Building: \$900,300      Assessed: \$32,994,300

**Sales Information**

Book and Page	Instrument Type	Date	Price	Grantor
183-4		10/06/1953	\$0	LEAL ERNEST S
169-38		12/04/1948	\$0	GROSVENOR ROSE

**Building Type:** School      **Year Built:** 1957      **Grade:**C+      **Condition:**GD  
**Heat Fuel:** Oil      **Heat Type:** Hot Water      **% Air Conditioned:** 0.00      **Fireplaces:**0  
**Exterior Wall:**Glass/Thermo      **Bsmnt Garage:** 0      **Roof Cover:** Tar & Gravel      **# of Units:** 1  
**# of Rooms:** 0      **# of Bedrooms:** 0      **Full Bath:** 0      **1/2 Baths:** 1

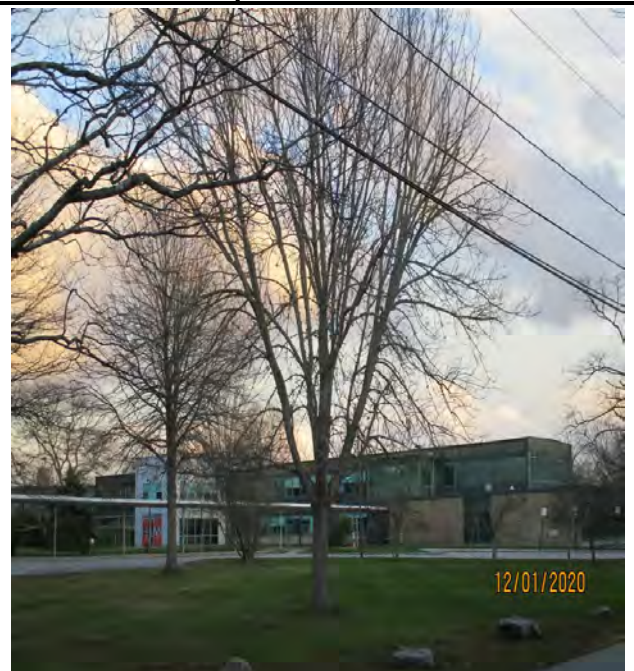
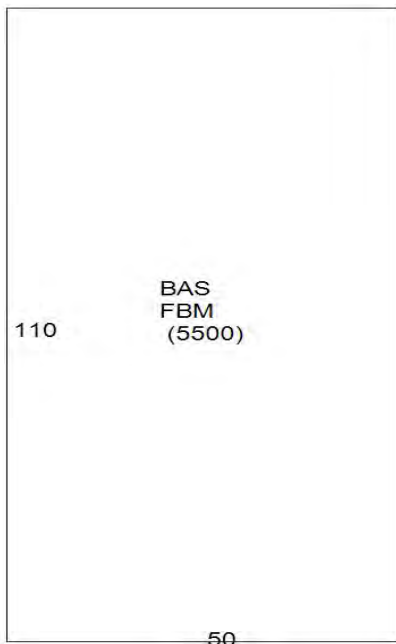
**Yard Item(s)**

Description	Quantity	Size	Year	Condition	Quality	Value
-------------	----------	------	------	-----------	---------	-------

**Building Areas**

Area	Net Area	Finished Area
Basement, Finished	5,500 SF	5,500 SF
First Floor	5,500 SF	5,500 SF

**Disclaimer: This information is for tax assessing purposes and is not warranted**





# Newport

(Summary Data - may not be Complete Representation of Property)



Parcel: 41-002      Location: 15 WICKHAM RD      Owner: NEWPORT CITY OF  
 Account: 7778      User Acct: R08291      LUC: 78 - Municipal      Zoning: R40

### Parcel Values

Total: \$32,994,300      Land: \$0      Land Area: 1,550,736 SF      Building: \$2,743,300      Assessed: \$32,994,300

### Sales Information

Book and Page	Instrument Type	Date	Price	Grantor
183-4		10/06/1953	\$0	LEAL ERNEST S
169-38		12/04/1948	\$0	GROSVENOR ROSE

**Building Type:** School      **Year Built:** 1957      **Grade:**C+      **Condition:**GD  
**Heat Fuel:** Oil      **Heat Type:** Hot Water      **% Air Conditioned:** 13.00      **Fireplaces:**0  
**Exterior Wall:**Glass/Thermo      **Bsmnt Garage:** 0      **Roof Cover:** Tar & Gravel      **# of Units:** 1  
**# of Rooms:** 0      **# of Bedrooms:** 0      **Full Bath:** 0      **1/2 Baths:** 1

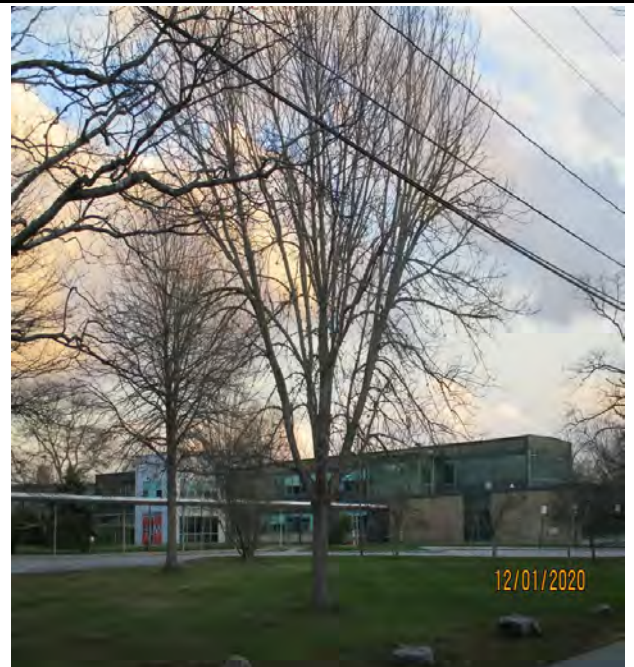
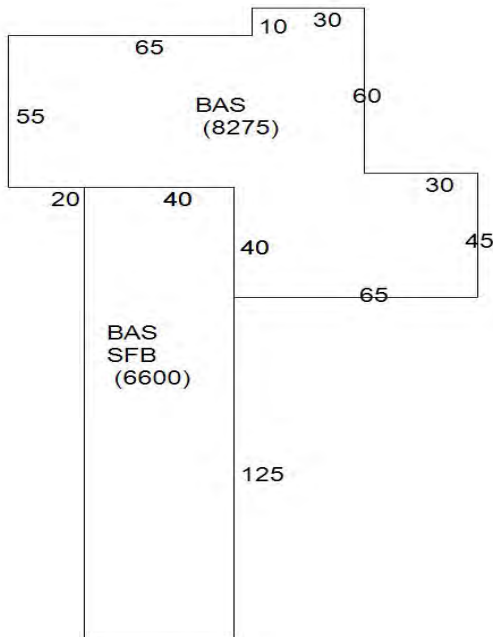
### Yard Item(s)

Description	Quantity	Size	Year	Condition	Quality	Value
-------------	----------	------	------	-----------	---------	-------

### Building Areas

Area	Net Area	Finished Area
Base, Semi-Finished	6,600 SF	6,600 SF
First Floor	14,875 SF	14,875 SF

**Disclaimer: This information is for tax assessing purposes and is not warranted**





# Newport

(Summary Data - may not be Complete Representation of Property)



Parcel: 41-002      Location: 15 WICKHAM RD      Owner: NEWPORT CITY OF  
 Account: 7778      User Acct: R08291      LUC: 78 - Municipal      Zoning: R40

### Parcel Values

Total: \$32,994,300      Land: \$0      Land Area: 1,550,736 SF      Building: \$3,016,800      Assessed: \$32,994,300

### Sales Information

Book and Page	Instrument Type	Date	Price	Grantor
183-4		10/06/1953	\$0	LEAL ERNEST S
169-38		12/04/1948	\$0	GROSVENOR ROSE

Building Type: School      Year Built: 1957      Grade:C+      Condition:GD  
 Heat Fuel: Oil      Heat Type: Hot Water      % Air Conditioned: 0.00      Fireplaces:0  
 Exterior Wall:Glass/Thermo      Bsmnt Garage: 0      Roof Cover: Tar & Gravel      # of Units: 1  
 # of Rooms: 0      # of Bedrooms: 0      Full Bath: 0      1/2 Baths: 1

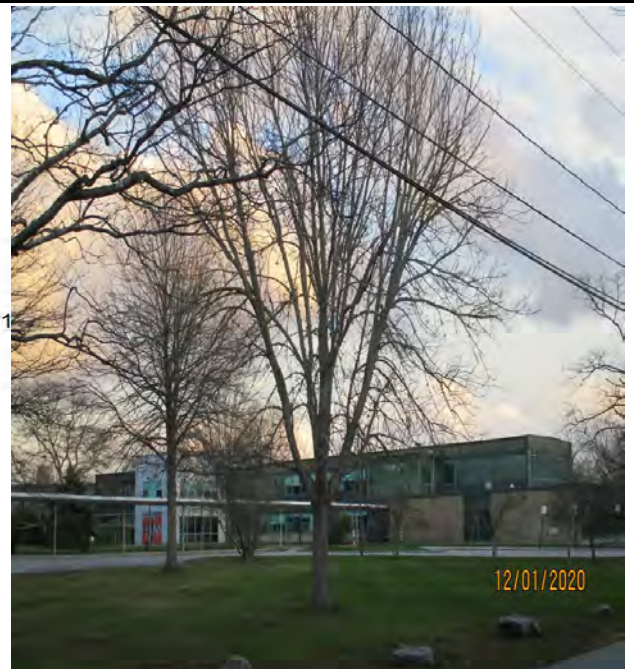
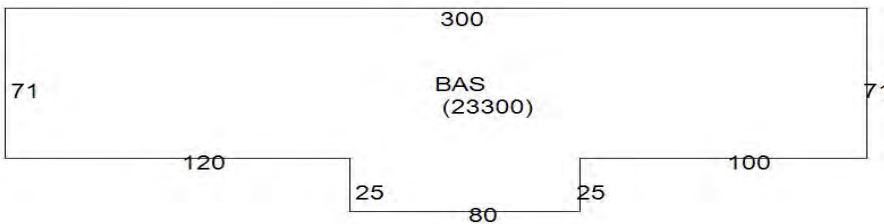
### Yard Item(s)

Description	Quantity	Size	Year	Condition	Quality	Value
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### Building Areas

Area	Net Area	Finished Area
First Floor	23,300 SF	23,300 SF

Disclaimer: This information is for tax assessing purposes and is not warranted



Parcel: 41-002      Location: 15 WICKHAM RD      Owner: NEWPORT CITY OF  
 Account: 7778      User Acct: R08291      LUC: 78 - Municipal      Zoning: R40

**Parcel Values**

Total: \$32,994,300      Land: \$0      Land Area: 1,550,736 SF      Building: \$1,675,000      Assessed: \$32,994,300

**Sales Information**

Book and Page	Instrument Type	Date	Price	Grantor
183-4		10/06/1953	\$0	LEAL ERNEST S
169-38		12/04/1948	\$0	GROSVENOR ROSE

**Building Type:** School      **Year Built:** 1957      **Grade:**C+      **Condition:**GD  
**Heat Fuel:** Oil      **Heat Type:** Hot Water      **% Air Conditioned:** 0.00      **Fireplaces:**0  
**Exterior Wall:**Glass/Thermo      **Bsmnt Garage:** 0      **Roof Cover:** Tar & Gravel      **# of Units:** 1  
**# of Rooms:** 0      **# of Bedrooms:** 0      **Full Bath:** 0      **1/2 Baths:** 1

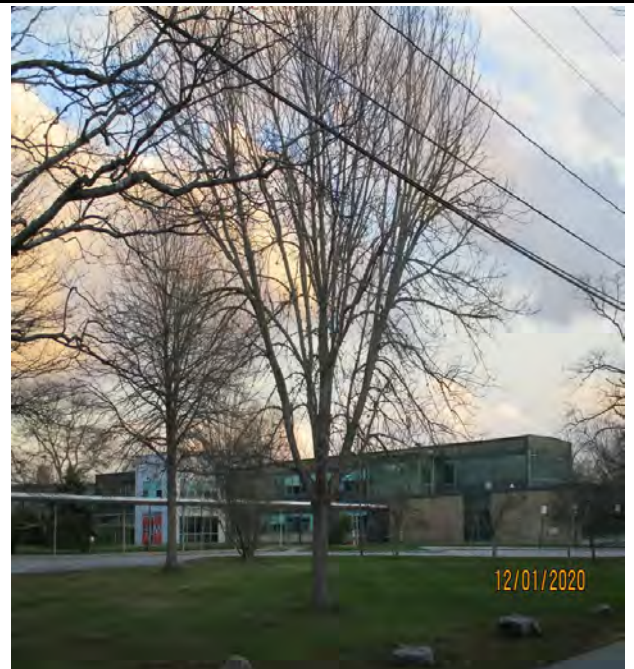
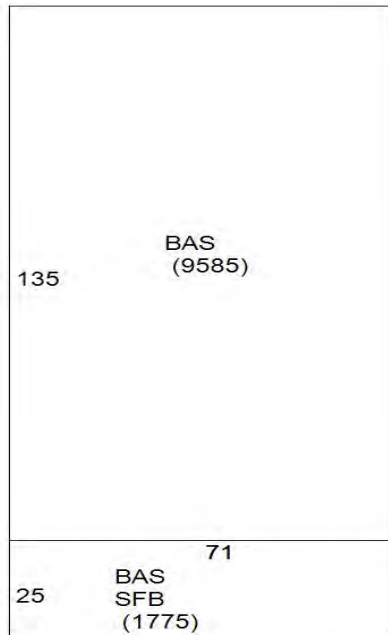
**Yard Item(s)**

Description	Quantity	Size	Year	Condition	Quality	Value
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**Building Areas**

Area	Net Area	Finished Area
Base, Semi-Finished	1,775 SF	1,775 SF
First Floor	11,360 SF	11,360 SF

**Disclaimer: This information is for tax assessing purposes and is not warranted**





Parcel: 41-002      Location: 15 WICKHAM RD      Owner: NEWPORT CITY OF  
 Account: 7778      User Acct: R08291      LUC: 78 - Municipal      Zoning: R40

**Parcel Values**  
 Total: \$32,994,300      Land: \$0      Land Area: 1,550,736 SF      Building: \$464,600      Assessed: \$32,994,300

**Sales Information**

Book and Page	Instrument Type	Date	Price	Grantor
183-4		10/06/1953	\$0	LEAL ERNEST S
169-38		12/04/1948	\$0	GROSVENOR ROSE

**Building Type:** School      **Year Built:** 1957      **Grade:**C+      **Condition:**GD  
**Heat Fuel:** Oil      **Heat Type:** Hot Water      **% Air Conditioned:** 0.00      **Fireplaces:**0  
**Exterior Wall:**Glass/Thermo      **Bsmnt Garage:** 0      **Roof Cover:** Tar & Gravel      **# of Units:** 1  
**# of Rooms:** 0      **# of Bedrooms:** 0      **Full Bath:** 0      **1/2 Baths:** 1

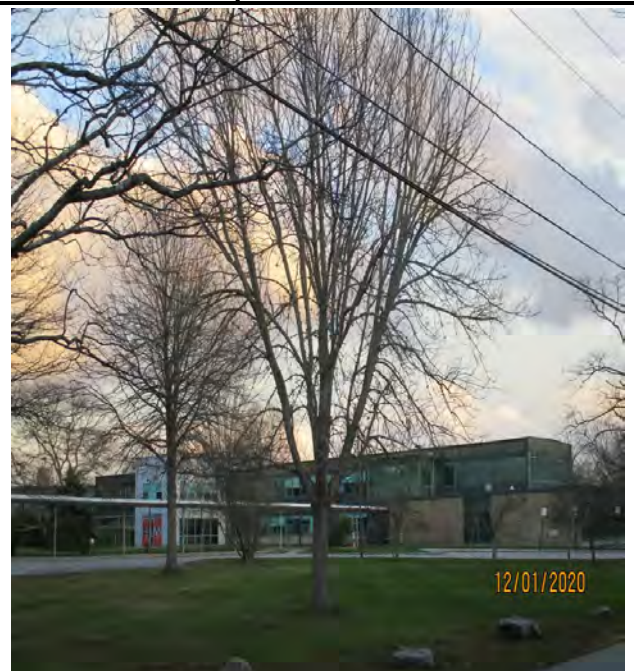
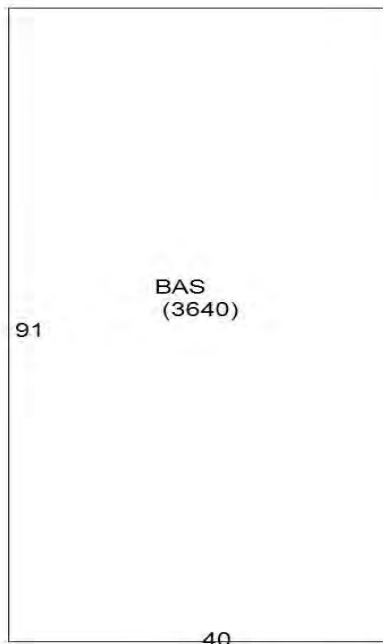
**Yard Item(s)**

Description	Quantity	Size	Year	Condition	Quality	Value
-------------	----------	------	------	-----------	---------	-------

**Building Areas**

Area	Net Area	Finished Area
First Floor	3,640 SF	3,640 SF

**Disclaimer: This information is for tax assessing purposes and is not warranted**



Parcel: 41-300      Location: 109 OLD FORT RD      Owner: NEWPORT CITY OF  
 Account: 8070      User Acct: R08608      LUC: 78 - Municipal      Zoning: R40

**Parcel Values**

Total: \$8,951,300      Land: \$858,500      Land Area: 65,340 SF      Building: \$8,092,800      Assessed: \$8,951,300

**Sales Information**

Book and Page	Instrument Type	Date	Price	Grantor
2442-161		06/17/2014	\$0	STATE OF RHODE ISLAND
223-349		01/01/1900	\$0	

**Building Type:** School      **Year Built:** 1989      **Grade:** C      **Condition:** GD  
**Heat Fuel:** Gas      **Heat Type:** Forced Air-D      **% Air Conditioned:** 0.00      **Fireplaces:** 0  
**Exterior Wall:** Brick/Masonr      **Bsmnt Garage:** 0      **Roof Cover:** Tar & Gravel      **# of Units:** 1  
**# of Rooms:** 0      **# of Bedrooms:** 0      **Full Bath:** 0      **1/2 Baths:** 1

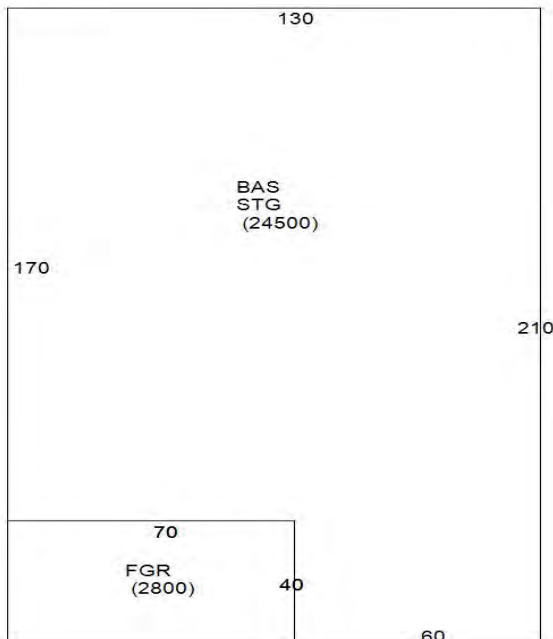
**Yard Item(s)**

Description	Quantity	Size	Year	Condition	Quality	Value
FENCE-6' CHAIN	1	120	2001	AV	Average	\$1,000.00
FENCE-10'CHAIN	1	900	2001	AV	Average	\$10,100.00
PAVING-ASPHALT	1	25000	2001	AV	Average	\$38,900.00
TEN CRT COMM	1	43200	2001	AV	Average	\$80,700.00

**Building Areas**

Area	Net Area	Finished Area
First Floor	24,500 SF	24,500 SF
Garage	2,800 SF	0 SF
Storage Area	24,500 SF	0 SF

**Disclaimer: This information is for tax assessing purposes and is not warranted**



**PLAT 41, LOT 2**

**COMBINED FROM HISTORICAL LOTS 16 AND 19  
AND A PORTION OF LOT 15**

Wickham Rd. #15

EXEMPT

3B

R08291

Plat 41

No. 6

CITY OF NEWPORT, R. I. (HIGH SCHOOL SITE)

Lot 2

Name ~~Leal, Ernest S.~~  
~~King, George Gordon.~~ Annie MacKenzie (By will 1922) - Estate.

Page 202

DATE	SQUARE FEET	VALUE PER FOOT	VALUE OF LAND	VALUE OF BUILDINGS	TOTAL VALUE	DATE OF TRANSFER	TO WHOM TRANSFERRED	DEED BOOK	PAGE NO.
1901	165000 9370	3	4 950		4 950	1912 May 1	Rose D. P. Grosvenor,	94	546
1912	155630	3	4 668		4 668	1939 Aug. 3	Decease of Annie MacKenzie King.		
1913						1948			
1922						Dec. 4	Ernest S. Leal	169	38
1923								183	4-6
1950	155630		1 200		1 200	10/6/53	- City of Newport, R. I.		
	119073		FROM LOT # 16						
	141295		FROM LOT # 19			5/19/66	State of Rhode Island and Providence Plantations	217	61-63
	415,998								
	411,642		FROM LOT # 15						
	827,640								
	369,646		FROM LOT # 16						
	413,790		FROM LOT # 19						
1954	1,616,076		24 241	---	24 241				
1957	1,616,076		53 670	2500000	2553670				
	-65,500		TO NEW LOT #300						
1966	1,550,576	10	155000	3500000	3655000				
1982	1,550,576		1560 600	9699 300	11259 900				
1992	1,550,576		3,593 700	10,375 400	13,968 100				

169 38

**PLAT 41, LOT 15**

**A PORTION OF LOT COMBINED INTO PLAT 41, LOT 2**

*Excerpt*

DATE	SQUARE FEET	VALUE PER FOOT	VALUE OF LAND	VALUE OF BUILDINGS	TOTAL VALUE	DATE OF TRANSFER	TO WHOM TRANSFERRED	DEED BOOK	PAGE NO.
1900	7354349	1/2	36 771	6 000	42 771	1920 May 25	Andrew J. Carpenter	108	511
	213,792	Lot 86. R.J. Collier. Mch. 28, 1919					(Release of interest to frame building)		
1919	7,568,141	1/2	37,840	<del>6,000</del>	37,840	Jul 16	Katherine Y. Goodick	109	117
	58,000	To Lot 125							
	7,510,141					1920 Nov 29	Ethelberta Eppley	119	48
	109,330					1928 Sept. 28	William O'Donnell Iselin	121	430
1921	7,400,811	1/2	37,004		37,004	1928 Oct. 23	Adele Livingston Allen	122	1011
	239,928	To new Lot #186							
1926	7,160,883	1/2	35,804		35,804	1928 Dec. 31	Clara P. Kountze	122	278
	54,450	To Lot 196							
1928	7,106,433	1/2	35,532		35,532	1929 May 8	Clara P. Kountze	121	535
	50,6167	To Lot 197							
1928	6,600,266	1/2	33,001		33,001	1929 Oct. 3	Elizabeth C. Tomlinson	123	405
	3,484,80	To Lot 198							
1928	6,251,786	1/2	31,258		31,258	1930 Dec. 9	Adele Livingston Allen	125	203 ✓
	2,80,091	To Lot 199							
1929	5,971,695	1/2	29,858		29,858	1930 Dec. 31	Thelma Cudliff Grosvenor	126	25
	1,79,990	To Lot 203							
1929	5,791,705	1/2	28,958		28,958	1936 Nov. 2	Adele Livingston Allen	137	120 ✓
	718,74	To Lot 197							
1930	5,719,831	1/2	28,599		28,599				
	68,128	To Lot 74							
	5,651,703	1/2	28,258		28,258				
	99,000	To Lot 197							
1932	5,552,703	1/2	56,517		56,517				
1937	5,552,703	1	55,527		55,527				

SEE SECOND CARD

Ocean & Hazard Aves. &

Wickham Rd.

~~EXEMPT~~

2nd Card

Plat 41

YOUNG, ANITA O'KEEFFE

No. 792

~~EXEMPT~~

~~Young, Anita O'Keefe~~ ROBERT-R.; -ESTATE-

Lot 15

Name ~~Young, Robert R. -ESTATE-~~  
Newport Hospital--

207

DATE	SQUARE FEET	VALUE PER FOOT	VALUE OF LAND	VALUE OF BUILDINGS	TOTAL VALUE	DATE OF TRANSFER	TO WHOM TRANSFERRED	DEED BOOK	PAGE NO.
1937	5552703 1355000		55 527		55 527	1945 Apr. 2	Priscilla Allen Hallowell (Deed to correct deed--137,120-23)	157	218
1948	4197703 -304920	1	41 977		41 977	1947			
1950	3892783		38 927		38 927	Oct. 7	Muriel Vanderbilt Adams	165	334
1952	-330000					1950			
1953	3562783		35 627		35627	May 9	Hazard's Beach, Inc.	172	353
	- 411642					7-30-52	Gooseberry Beach, Inc.	179	160
1954	3,151,141		31 511	--	31 511	10/6/53	- City of Newport, R. I.	183	2 - 3
1958	3,151,141		15 700	--	15 700	5-27-57 1958 Jan. 25	Robert R. Young Decease of Robert R. Young - by will to wife Anita O'Keefe Young	193	229 - 31
						7-2-62	Anita O'Keefe Young	206	442

SEE THIRD CARD

OWNER

TAX EXEMPT

THIRD CARD

13

R08370

PLAT 41

LOT 15

LOCATION

Ocean & Hazard  
Aves. &  
Wickham Rd.

CITY OF NEWPORT

~~BALLARD, A. L. AND CAROL C. BALLARD (ENTIRETY)~~~~Young, Anita O'Keefe~~

72.34 AC

DATE	SQUARE FEET	VALUE PER FOOT	VALUE OF LAND	VALUE OF BUILDINGS	TOTAL VALUE	DATE OF TRANSFER	TO WHOM TRANSFERRED	DEED BOOK	PAGE NO.
1958	3,151,141		15 700	---	15 700	7-2-62	Anita O'Keefe Young	206	442
1971	3,151,141		289 360	---	289 360	12/30/81	A. L. Ballard & Carol C. (Entirety)	305	711
1982	3,151,141		472 400	-- --	472 400	11/13/86	Carol C. Ballard (No Stamps)	375	97
1990	-567,445		TO NEW LOT 388 300			10/30/90	City of Newport (2464.00/880,000)	484	260
	-160,007		TO NEW LOT 389						
	2,423,689		363 550	-----	363 550				
1992	2,423,689		3,143 200	-----	3,143 200				



**PLAT 41, LOT 16**

**COMBINED INTO PLAT 41, LOT 2**

Town  
PLAT. 41  
LOT 16

~~SAYER. SARAH. NORMAN.~~  
~~NORMAN. JOHN. H.~~  
NAME Stacy, Joshua (Life interest)

LEAL, ERNEST S.  
Sheffield, William P. &  
George A. Tertz (Trustees)  
Leal, Ernest S.

No. 793  
208  
Page 116

DATE	SQUARE FEET	VALUE PER FOOT	VALUE OF LAND	VALUE OF BUILDINGS	TOTAL VALUE	DATE OF TRANSFER	TO WHOM TRANSFERRED	DEED BOOK	PAGE NO.
1893	962888	3/4	7 221	-1 400	8 621	1917			
1916	46,900				\$7,221	Mch 23	City of Newport	102	572
1917	915,988	3/4	\$6,869		\$6,869	1919			
1918	915,988	1	9,159		9,159	Jan 14	United States Housing Corporation	106	40
	273,121					" 14		106	46
1919	642,867	1	6,428		6,428	1921			
1922						Sept 16	Mabel E. Stacy and Harriet N. Kaulb. (in trust)	111	197
1925	642,867	1/2	3,214		3,214		John A S Norman		
1927							By Will 1925		
1927	642,867	1/2	3,214		3,214		Sarah Norman Sayer.		
	135,962	70/107 191					By Will 1926		
1928	506,905	1/2	2,533		2,533	1927			
						June 29	Ernest S. Leal.	120	182
						9/27/45	Ernest S. Leal	158	414
						1/14/48	William P. Sheffield & George A. Tertz (Trustees)	166	249
						11/14/48	ERNEST S. LEAL	166	252

Farm

DISCONTINUED

2nd card

Plat 41

No.

794

Lot 16

Name

Leal, Ernest S.  
 Sheffield, William P. and Teitz, George A. (Trustees)  
 Leal, Ernest S.

DATE	SQUARE FEET	VALUE PER FOOT	VALUE OF LAND	VALUE OF BUILDINGS	TOTAL VALUE	DATE OF TRANSFER	TO WHOM TRANSFERRED	DEED BOOK	PAGE NO.
1928	506905	$\frac{1}{2}$	2 533		2 533	1948			
1950	506905		2 330		2 330	Jan. 14	William P. Sheffield and George A. Teitz (Trustees)	166	249
	488,719		AREA CORRECTED BY SURVEY IN 1953			1948			
	-119,073		ADDED TO LOT # 2.			Jan. 14	Ernest S. Leal	166	252
	369,646					10/6/53	- City of Newport	183	4-6
	-369,646		ADDED TO LOT # 2.			3/8/54	- City of Newport	184	74-77
	-0-								

**PLAT 41, LOT 19**

**COMBINED INTO PLAT 41, LOT 2**

*Quarry*

Leal, Ernest S.  
 Sheffield, William P. and George A. Teitz (Trustees)  
 Leal, Ernest S.

No. **797**

PLAT 41  
 LOT 19

NAME ~~Brown, J. Stacy~~

*Sayer, Sarah Norman.*

Page 209

DATE	SQUARE FEET	VALUE PER FOOT	VALUE OF LAND	VALUE OF BUILDINGS	TOTAL VALUE	DATE OF TRANSFER	TO WHOM TRANSFERRED	DEED BOOK	PAGE NO.
1893	480700	3/4	3 605	1 000	4 605	1913 July 14	Clark Burdick &		
1914	480700	3/4	3.605		3.605	1915 Nov. 7	William MacLeod	96	348
1916									
1918	480700	1	4,807		4,807		Charles H. & Jennie Kalquest	117	363
1925	480700	1/2	2403		2403				
1925	<del>480700</del>								
	478775	1/2	2393		2393		Sarah Norman Sayer, by Will 1926.		
1927						9/27/45	Ernest S. Leal	158	414
1950	478775		1 100	2 270	3 370	1948 Jan. 14	William P. Sheffield and George A. Teitz (Trustees)	166	249
1954	478775		1 100	-	1 100	1948 Jan. 14	Ernest S. Leal	166	252
	560,085		Area corrected by survey in						
	-141,295		Added to Lot # 2		1953				
	418,790					10/6/53	- City of Newport	183	4-6
	-418,790		Added to Lot # 2.			3/8/54	- City of Newport	184	74-77
	-0-								

DISCONTINUED: ADDED TO LOT # 2

**PLAT 41, LOT 20**

on Ave. CITY OF NEWPORT  
~~People's Library (Trustees) in Newport~~

EXEMPT

No. 6

Plat 41

~~James Foundation of New York, Inc.~~  
~~Curtiss Southwestern Corporation~~  
~~Greaterex, Robina B. (Mrs. J. H.)~~  
~~Galvin, Thomas Heirs. Greaterex, John Henry.~~

(3B)

Lot 20

Name

Page 209

DATE	SQUARE FEET	VALUE PER FOOT	VALUE OF LAND	VALUE OF BUILDINGS	TOTAL VALUE	DATE OF TRANSFER	TO WHOM TRANSFERRED	DEED BOOK	PAGE NO.
1910	86286	2	1 725		1 725	1913			
1913						Jan. 31	William J. Galvin,	95	208
1918	86286	3	2 588		2 588	1922			
1923	86286	6	5 177		5 177	Jul. 3	John Henry Greaterex,	112	412
1930	86286	6	5 177		5 177	1929	By will to Robina B. Greaterex.		
1950	86286		4 820		4 820	4/18/42	Curtiss Southwestern Corporation	150	182
1982	86286		86 300	-- ---	86 300	6/11/42	James Foundation of New York, Inc.	150	420
						9-4-52	People's Library (Trustees) in Newport	179	367
1992	86,286		522 700	-----	522 700	5-6-54	City of Newport	184	332

**PLAT 41, LOT 300**

**HISTORICALLY INCLUDED IN PLAT 41, LOT 2**



School Site  
 (surrounded by R.H.S. site)  
 PLAT 41

EXEMPT

(2)  
 No. R08608

LOT 300 NAME (1.) State of Rhode Island and Providence Plantations

DATE	SQUARE FEET	VALUE PER FOOT	VALUE OF LAND	VALUE OF BUILDINGS	TOTAL VALUE	DATE OF TRANSFER	TO WHOM TRANSFERRED	DEED BOOK	PAGE No.
	65,500		from lot 2			5-10-66	See (1.) above	217	61-63
1966	65,500		6 550	---	6 550	6-25-68	STATE OF RHODE ISLAND & PROVIDENCE PLANTATIONS	223	349-51
1982	65500		75 500	-- ---	75 500				
1992	65,500		487 900	3,501 200	3,989100				

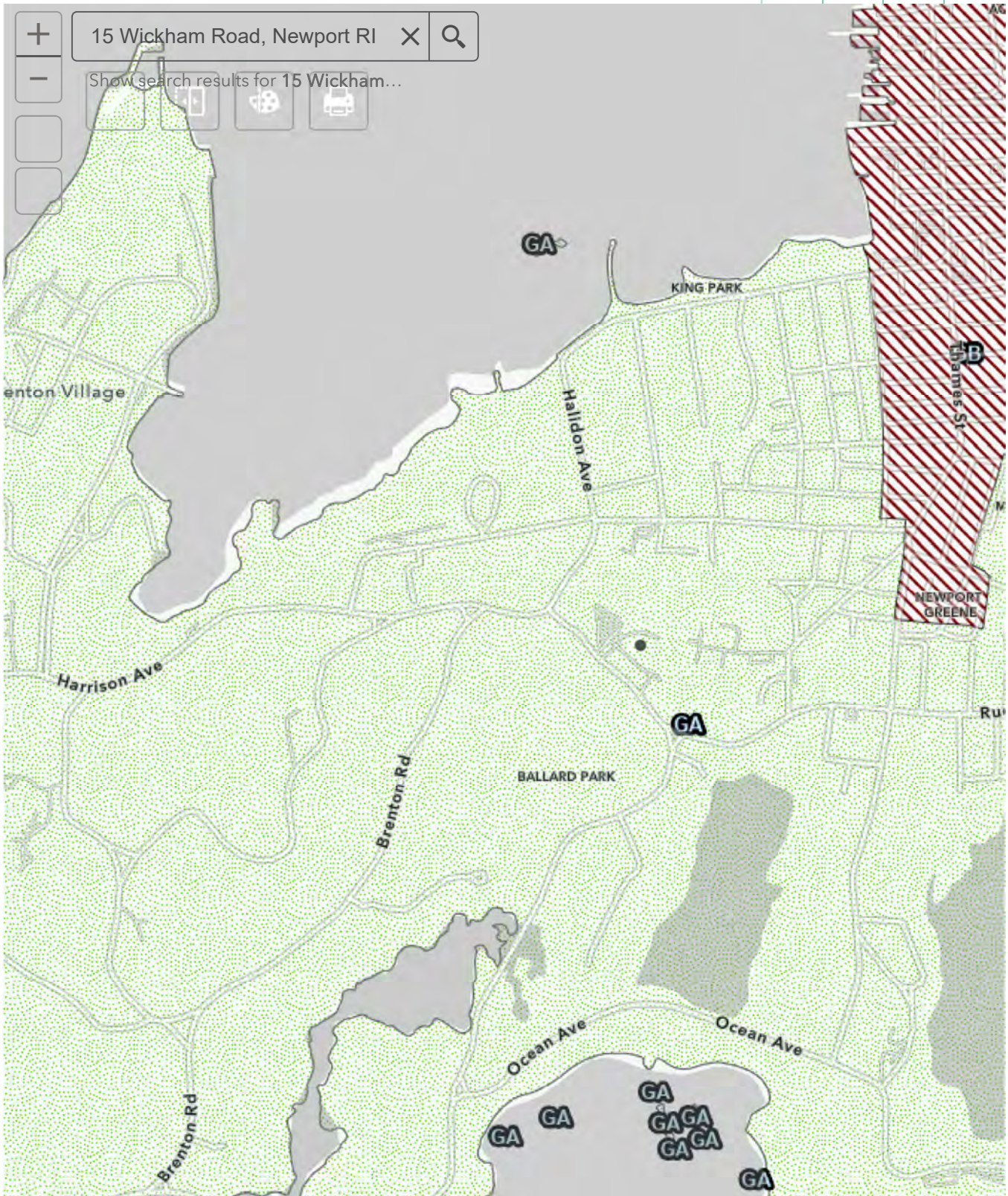
**ATTACHMENT 5 & 5A**

***RIDEM Groundwater Classification Overlay***



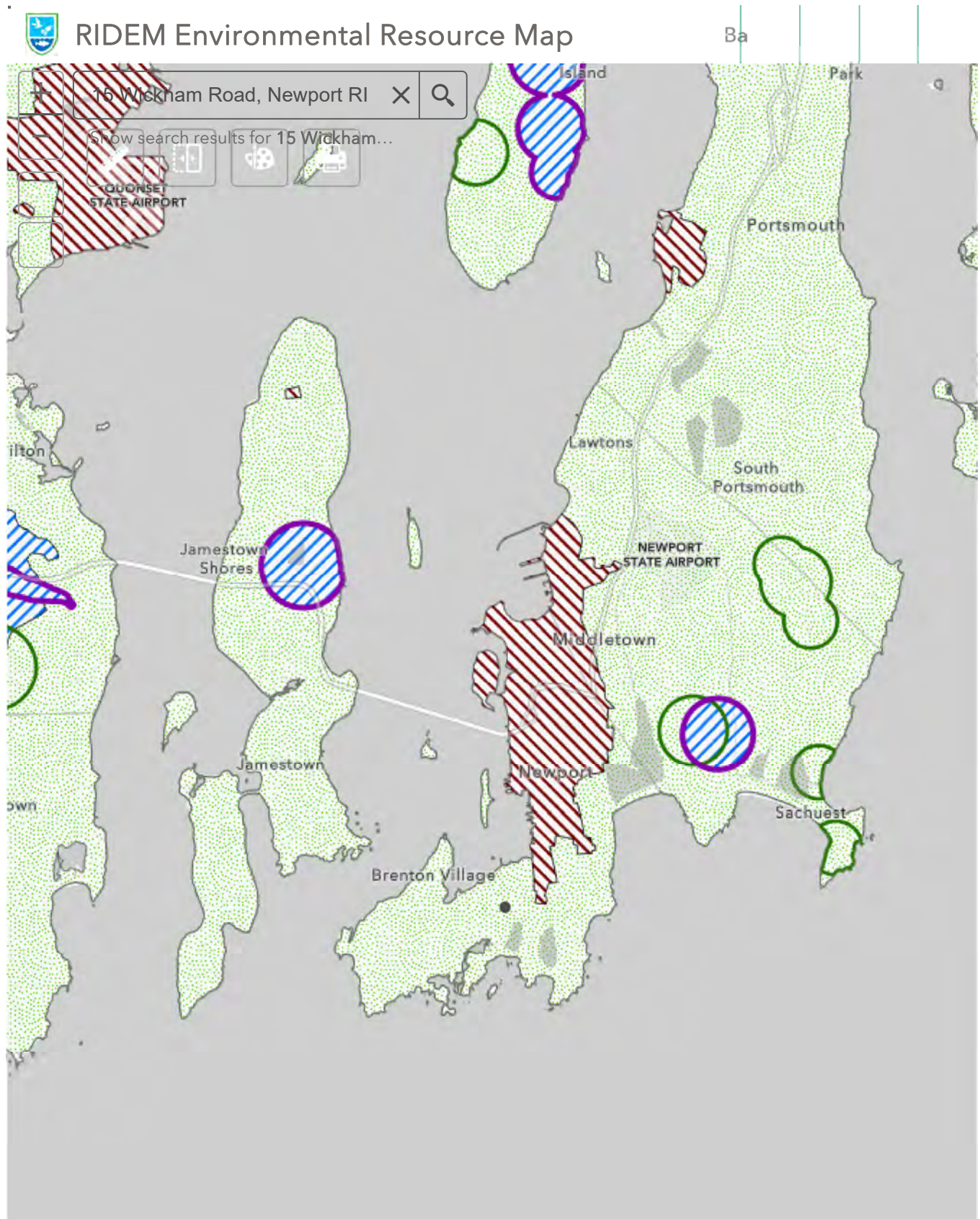
# RIDEM Environmental Resource Map

Ba



0.2mi

-71.305 41.464 Degrees



**ATTACHMENT 6**  
***Summary Analytical Data***



TABLE 2: SUMMARY TABLE DATA - BORINGS

Lab Sample Number: Date Sampled: Depth (FT) Stratum PID**	B22-3 2B01034-01 1/31/2022 0 - 6 FT Topsoil/Fill 31.80		B22-6 S-3 2B02020-01 2/1/2022 4 - 6 FT Fill N/A		B22-6 S-5 2B02020-02 2/1/2022 8 -10 FT Native Soils N/A		B22-6 2B02020-03 2/1/2022 0 -10 FT Homogeneous N/A		B22-8 S-3 2B02020-04 2/2/2022 13:02 Fill N/A		B22-8 S-5 2B02020-05 8 -10 FT 2/2/2022 13:02 Native Soils N/A		RIDEM Method 1 Residential Direct Exposure Criteria		RIDEM Method 1 Industrial/Commercial Direct Exposure Criteria	
	Sample Result	Reporting Limit	Sample Result	Reporting Limit	Sample Result	Reporting Limit	Sample Result	Reporting Limit	Sample Result	Reporting Limit	Sample Result	Reporting Limit				
<b>General Chemistry</b>																
Flashpoint	> 200	70					> 200	70	> 200	70	> 200	70				
Specific Conductance	2.6	2					36.1	2	7.9	2	13.6	2				
pH	5.3						7		6		6.4					
<b>Polychlorinated Biphenyls (PCBs) ug/kg</b>																
<b>Semivolatile organic compounds* ug/kg</b>																
Acenaphthene	ND	144					ND	142	360	150	ND	139	43000	1.00E+07		
Anthracene	ND	144					ND	142	535	150	ND	139	35000	1.00E+07		
Benzo(a)anthracene	ND	144					ND	142	690	150	ND	139	900	7800		
Benzo(a)pyrene	ND	144					ND	142	586	150	ND	139	400	800		
Benzo(b)fluoranthene	ND	144					ND	142	739	150	ND	139	900	7800		
Benzo(g,h,i)perylene	ND	144					ND	142	444	150	ND	139	800	1.00E+07		
Benzo(k)fluoranthene	ND	144					ND	142	294	150	ND	139	900	78000		
Chrysene	ND	144					ND	142	645	150	ND	139	400	780000		
Fluoranthene	ND	144					ND	142	1730	150	ND	139	20000	1.00E+07		
Fluorene	ND	144					ND	142	266	150	ND	139	28000	1.00E+07		
Indeno(1,2,3-cd)pyrene	ND	144					ND	142	434	150	ND	139	900	7800		
Phenanthrene	ND	144					ND	142	1970	150	ND	139	40000	1.00E+07		
Pyrene	ND	144					ND	142	1860	150	ND	139	13000	1.00E+07		
<b>Total Metals mg/kg</b>																
Arsenic	7.24	0.73					8.68	0.81	4.46	1.02	7.7	0.83	7	7		
Barium	28.3	0.24					35.2	0.27	27.1	0.34	31.1	0.28	5500	10000		
Cadmium	2.7	0.36					2.64	0.4	1.49	0.51	2.52	0.42	39	1000		
Chromium	14.5	0.36					15.6	0.4	16	0.51	14	0.42	1400	10000		
Lead	86.3	0.36					19.9	0.4	6.13	0.51	9.71	0.42	150	500		
Selenium	ND	0.73					ND	0.81	ND	1.02	ND	0.83	390	10000		
Silver	ND	0.73					ND	0.81	ND	1.02	ND	0.83	200	10000		
Mercury	0.054	0.039					ND	0.033	ND	0.039	ND	0.039	23	610		
<b>Total Petroleum Hydrocarbons mg/kg</b>																
Total Petroleum Hydrocarbons	33	29					ND	30	61	30	ND	29	500	2500		
<b>Volatile Organic Compounds* ug/kg</b>																
Naphthalene	ND	5	ND	7	ND	6			28	5	30	4	54000	1.00E+07		

Qualifier	Description
All Entries	Data is summarized above for convenience purposes only. Refer to complete laboratory analytical reports for all data.
ug/kg	Concentrations reported in micrograms per kilograms equivalent to parts per billion.
mg/kg	Concentrations reported in milligrams per kilograms equivalent to parts per million
*	Only those compounds which were detected in at least one sample were summarized above. See laboratory report for a complete list of target analytes.
**	Recorded in parts per million (volume basis), maximum PID value recorded at depth.
>	Greater than.
NS	No standard established.
ND	Not detected. Detection Limit presented to the right.
Yellow	Reported above RIDEM RDEC but below I/C DEC.
Orange	Reported above RIDEM I/C DEC.

TABLE 3: SUMMARY DATA TABLE - SURFACE SOIL

Lab Sample Number: Date Sampled: Depth	S-1		S-2		S-3		S-4		S-5		S-5D		S-6		S-7		S-8		S-9		S-10		RIDEM Method 1 Residential Direct Exposure Criteria	RIDEM Method 1 Industrial/Commercial Direct Exposure Criteria
	Sample Result	Reporting Limit	Sample Result	Reporting Limit	Sample Result	Reporting Limit	Sample Result	Reporting Limit	Sample Result	Reporting Limit	Sample Result	Reporting Limit	Sample Result	Reporting Limit	Sample Result	Reporting Limit	Sample Result	Reporting Limit	Sample Result	Reporting Limit	Sample Result	Reporting Limit		
2C02069-04 3/2/2022 0-0.5 FT																								
Parameter																								
<b>Polychlorinated Biphenyls* (PCBs) (ug/kg)</b>																								
Aroclor-1254	397	78	ND	80	3450	990	ND	84	93	87	95	88	225	78	ND	87	ND	86	ND	78	ND	86	see PCBs (Total)	see PCBs (Total)
Aroclor-1260	315	78	ND	80	ND	99	ND	84	ND	87	ND	88	ND	78	ND	87	ND	86	ND	78	ND	86	see PCBs (Total)	see PCBs (Total)
PCBs (Total)	713	78	ND	80	3450	990	ND	84	93	87	95	88	225	78	ND	87	ND	86	ND	78	ND	86	10000	10000
<b>Total Metals (mg/kg)</b>																								
Lead	208	0.4	91.9	0.34	350	0.43	151	0.41	175	0.53	157	0.37	61.4	0.49	50.9	0.56	197	0.48	51.3	0.45	433	0.48	150	500
<b>TCLP LEAD Metals (mg/L)</b>																								
Lead	0.044	0.025			0.189	0.025					ND	0.025									0.13	0.025	150	500

Qualifier	Description
All Entries	Data is summarized above for convenience purposes only. Refer to complete laboratory analytical reports for all data.
ug/kg	Concentrations reported in micrograms per kilograms, equivalent to parts per billion.
mg/kg	Concentrations reported in milligrams per kilograms equivalent to parts per million
*	Only those compounds which were detected in at least one sample were summarized above. See laboratory report for a complete list of target analytes.
ND	Not detected. Detection limit presented to the right.
<b>Bold</b>	Reported value is detected above laboratory Method Reporting Limit (MRL).
<b>Yellow</b>	Reported above RIDEM RDEC but below I/C DEC.



TABLE 4: SUMMARY DATA TABLE - GROUNDWATER

Lab Sample Number: Date Sampled: PID**	B22-6 2C02069-01 3/2/2022 14:10		B22-6D 2C02069-02 3/2/2022 14:15		B22-8 2C02069-03 3/2/2022 15:15		RIDEM Method 1 GA Groundwater Objectives	RIDEM Method 1 GB Groundwater Objectives	RIDEM GB Groundwater Upper Concentration Limits
	Sample Result	Reporting Limit	Sample Result	Reporting Limit	Sample Result	Reporting Limit			
Parameter	1.20		1.20		0.60				
Total Petroleum Hydrocarbons UG/L	ND	1000	ND	1000	ND	1000			3.00E+07
Total Petroleum Hydrocarbons	ND		ND		ND				
Volatle Organic Compounds	ND		ND		ND				

Qualifier	Description
**	Recorded in parts per million (volume basis), maximum PID value recorded at depth.
ND	Not detected. Detection limit presented to the right.

TABLE 5: SUMMARY DATA TABLE - PESTICIDE AND HERBICIDES

Lab Sample Number: Date Sampled: Depth	PH-1 2C02070-01 3/2/2022 12:00 0-6 inches		PH-2 2C02070-02 3/2/2022 12:15 0-6 inches		RIDEM Method 1 Industrial/Commercial Direct Exposure Criteria	
	Sample Result	Reporting Limit	Sample Result	Reporting Limit	RIDEM Method 1 Residential Direct Exposure Criteria	RIDEM Method 1 Industrial/Commercial Direct Exposure Criteria
<b>Herbicides</b>	ND		ND			
<b>Pesticides* ug/kg</b>						
4,4'-DDE	<b>6.48</b>	4.54	ND	4.32	NS	NS
4,4'-DDT	<b>7.08</b>	4.54	ND	4.32	NS	NS

Qualifier	Description
<b>All Entries</b>	<b>Data is summarized above for convenience purposes only. Refer to complete laboratory analytical reports for all data.</b>
mg/kg	Concentrations reported in milligrams per kilograms equivalent to parts per million
*	Only those compounds which were detected in at least one sample were summarized above. See laboratory report for a complete list of target analytes.
NS	No standard established.
ND	Not detected. Detection limit is presented to the right.
<b>Bold</b>	Reported value is detected above laboratory Method Reporting Limit (MRL).

**ATTACHMENT 7**

***Analytical Data Reports Soil and Groundwater Samples***



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

## REPORT OF ANALYTICAL RESULTS

**NETLAB Work Order Number: 2B02020**  
**Client Project: 21106.00 - Rogers High School, Newport, RI**

Report Date: 09-February-2022

Prepared for:

Michael Flynn  
Pare Corporation  
8 Blackstone Valley Place  
Lincoln, RI 02865

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

**Samples Submitted :**

The samples listed below were submitted to New England Testing Laboratory on 02/02/22. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is 2B02020. Custody records are included in this report.

<b>Lab ID</b>	<b>Sample</b>	<b>Matrix</b>	<b>Date Sampled</b>	<b>Date Received</b>
2B02020-01	B22-6 S-3 Fill (4-6)	Soil	02/01/2022	02/02/2022
2B02020-02	B22-6 S-5 Natural Soils (8-10)	Soil	02/01/2022	02/02/2022
2B02020-03	B22-6 Homogeneous (0-10)	Soil	02/01/2022	02/02/2022
2B02020-04	B22-8 Fill S-3 (4-6)	Soil	02/01/2022	02/02/2022
2B02020-05	B22-8 Natural Soils S-5 (8-10)	Soil	02/01/2022	02/02/2022
2B02020-06	TP-6 Fill A 18"	Soil	02/01/2022	02/02/2022
2B02020-07	TP-6 C Layer 36"	Soil	02/01/2022	02/02/2022
2B02020-08	TP-17 Fill A 25"	Soil	02/02/2022	02/02/2022
2B02020-09	TP-17 Fill B 47"	Soil	02/02/2022	02/02/2022

## ***Request for Analysis***

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

### **B22-6 Homogeneous (0-10) (Lab Number: 2B02020-03)**

#### **Analysis**

Arsenic  
Barium  
Cadmium  
Chromium  
Flashpoint  
Lead  
Mercury  
PCBs  
pH  
Selenium  
Semivolatile Organic Compounds  
Silver  
Specific Conductance  
Total Petroleum Hydrocarbons

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 1010A-Mod  
EPA 6010C  
EPA 7471B  
EPA 8082A  
SM4500-H-B (11)  
EPA 6010C  
EPA 8270D  
EPA 6010C  
EPA 9010A--modified  
EPA-8100-mod

### **B22-6 S-3 Fill (4-6) (Lab Number: 2B02020-01)**

#### **Analysis**

Volatile Organic Compounds

#### **Method**

EPA 8260C

### **B22-6 S-5 Natural Soils (8-10) (Lab Number: 2B02020-02)**

#### **Analysis**

Volatile Organic Compounds

#### **Method**

EPA 8260C

### **B22-8 Fill S-3 (4-6) (Lab Number: 2B02020-04)**

#### **Analysis**

Arsenic  
Barium  
Cadmium  
Chromium  
Flashpoint  
Lead  
Mercury  
PCBs  
pH  
Selenium  
Semivolatile Organic Compounds  
Silver  
Specific Conductance  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 1010A-Mod  
EPA 6010C  
EPA 7471B  
EPA 8082A  
SM4500-H-B (11)  
EPA 6010C  
EPA 8270D  
EPA 6010C  
EPA 9010A--modified  
EPA-8100-mod  
EPA 8260C

### **B22-8 Natural Soils S-5 (8-10) (Lab Number: 2B02020-05)**

#### **Analysis**

Arsenic  
Barium  
Cadmium  
Chromium  
Flashpoint

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 1010A-Mod

## ***Request for Analysis (continued)***

### **B22-8 Natural Soils S-5 (8-10) (Lab Number: 2B02020-05) (continued)**

#### **Analysis**

Lead  
Mercury  
PCBs  
pH  
Selenium  
Semivolatile Organic Compounds  
Silver  
Specific Conductance  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 7471B  
EPA 8082A  
SM4500-H-B (11)  
EPA 6010C  
EPA 8270D  
EPA 6010C  
EPA 9010A--modified  
EPA-8100-mod  
EPA 8260C

### **TP-17 Fill A 25" (Lab Number: 2B02020-08)**

#### **Analysis**

Arsenic  
Barium  
Cadmium  
Chromium  
Flashpoint  
Lead  
Mercury  
PCBs  
pH  
Selenium  
Semivolatile Organic Compounds  
Silver  
Specific Conductance  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 1010A-Mod  
EPA 6010C  
EPA 7471B  
EPA 8082A  
SM4500-H-B (11)  
EPA 6010C  
EPA 8270D  
EPA 6010C  
EPA 9010A--modified  
EPA-8100-mod  
EPA 8260C

### **TP-17 Fill B 47" (Lab Number: 2B02020-09)**

#### **Analysis**

Arsenic  
Barium  
Cadmium  
Chromium  
Flashpoint  
Lead  
Mercury  
PCBs  
pH  
Selenium  
Semivolatile Organic Compounds  
Silver  
Specific Conductance  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 1010A-Mod  
EPA 6010C  
EPA 7471B  
EPA 8082A  
SM4500-H-B (11)  
EPA 6010C  
EPA 8270D  
EPA 6010C  
EPA 9010A--modified  
EPA-8100-mod  
EPA 8260C

## ***Request for Analysis (continued)***

### **TP-6 C Layer 36" (Lab Number: 2B02020-07)**

#### **Analysis**

Arsenic  
Barium  
Cadmium  
Chromium  
Flashpoint  
Lead  
Mercury  
PCBs  
pH  
Selenium  
Semivolatile Organic Compounds  
Silver  
Specific Conductance  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 1010A-Mod  
EPA 6010C  
EPA 7471B  
EPA 8082A  
SM4500-H-B (11)  
EPA 6010C  
EPA 8270D  
EPA 6010C  
EPA 9010A--modified  
EPA-8100-mod  
EPA 8260C

### **TP-6 Fill A 18" (Lab Number: 2B02020-06)**

#### **Analysis**

Arsenic  
Barium  
Cadmium  
Chromium  
Flashpoint  
Lead  
Mercury  
PCBs  
pH  
Selenium  
Semivolatile Organic Compounds  
Silver  
Specific Conductance  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 1010A-Mod  
EPA 6010C  
EPA 7471B  
EPA 8082A  
SM4500-H-B (11)  
EPA 6010C  
EPA 8270D  
EPA 6010C  
EPA 9010A--modified  
EPA-8100-mod  
EPA 8260C

## ***Method References***

*Reactive Cyanide, Standard Operating Procedure 407*, New England Testing Laboratory Inc.

*Standard Methods for the Examination of Water and Wastewater, 20th Edition*, APHA/ AWWA-WPCF, 1998

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



## Case Narrative

### Sample Receipt:

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

Exceptions: None

### Analysis:

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

Exceptions:

SVOC 8270: The samples " B22-6, TP-6 Fill A, TP-7 C Layer, and TP-17 Fill A" have one surrogate outside quality control limits due to matrix interference.

**Results: General Chemistry****Sample: B22-6 Homogeneous (0-10)****Lab Number: 2B02020-03 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
Flashpoint	> 200		70	degrees F	02/08/22	02/08/22
<b>pH</b>	<b>7.0</b>			SU	02/03/22	02/03/22
<b>Specific Conductance</b>	<b>36.1</b>		2.0	uS/cm	02/03/22	02/03/22

**Results: General Chemistry****Sample: B22-8 Fill S-3 (4-6)****Lab Number: 2B02020-04 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
Flashpoint	> 200		70	degrees F	02/08/22	02/08/22
<b>pH</b>	<b>6.0</b>			SU	02/03/22	02/03/22
<b>Specific Conductance</b>	<b>7.9</b>		2.0	uS/cm	02/03/22	02/03/22

**Results: General Chemistry****Sample: B22-8 Natural Soils S-5 (8-10)****Lab Number: 2B02020-05 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
Flashpoint	> 200		70	degrees F	02/08/22	02/08/22
<b>pH</b>	<b>6.4</b>			SU	02/03/22	02/03/22
<b>Specific Conductance</b>	<b>13.6</b>		2.0	uS/cm	02/03/22	02/03/22

**Results: General Chemistry****Sample: TP-6 Fill A 18"**  
**Lab Number: 2B02020-06 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
Flashpoint	> 200		70	degrees F	02/08/22	02/08/22
<b>pH</b>	<b>6.5</b>			SU	02/03/22	02/03/22
<b>Specific Conductance</b>	<b>6.9</b>		2.0	uS/cm	02/03/22	02/03/22

**Results: General Chemistry****Sample: TP-6 C Layer 36"****Lab Number: 2B02020-07 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
Flashpoint	> 200		70	degrees F	02/08/22	02/08/22
<b>pH</b>	<b>6.0</b>			SU	02/03/22	02/03/22
<b>Specific Conductance</b>	<b>9.5</b>		2.0	uS/cm	02/03/22	02/03/22

**Results: General Chemistry****Sample: TP-17 Fill A 25"****Lab Number: 2B02020-08 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
Flashpoint	> 200		70	degrees F	02/09/22	02/09/22
<b>pH</b>	<b>6.1</b>			SU	02/03/22	02/03/22
<b>Specific Conductance</b>	<b>4.8</b>		2.0	uS/cm	02/03/22	02/03/22

**Results: General Chemistry****Sample: TP-17 Fill B 47"****Lab Number: 2B02020-09 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
Flashpoint	> 200		70	degrees F	02/09/22	02/09/22
<b>pH</b>	<b>6.2</b>			SU	02/03/22	02/03/22
<b>Specific Conductance</b>	<b>6.9</b>		2.0	uS/cm	02/03/22	02/03/22



**Results: Total Metals****Sample: B22-6 Homogeneous (0-10)****Lab Number: 2B02020-03 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
<b>Arsenic</b>	<b>8.68</b>		0.81	mg/kg	02/03/22	02/08/22
<b>Barium</b>	<b>35.2</b>		0.27	mg/kg	02/03/22	02/08/22
<b>Cadmium</b>	<b>2.64</b>		0.40	mg/kg	02/03/22	02/08/22
<b>Chromium</b>	<b>15.6</b>		0.40	mg/kg	02/03/22	02/08/22
<b>Lead</b>	<b>19.9</b>		0.40	mg/kg	02/03/22	02/08/22
Mercury	ND		0.033	mg/kg	02/03/22	02/04/22
Selenium	ND		0.81	mg/kg	02/03/22	02/08/22
Silver	ND		0.81	mg/kg	02/03/22	02/08/22

**Results: Total Metals****Sample: B22-8 Fill S-3 (4-6)****Lab Number: 2B02020-04 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
<b>Arsenic</b>	<b>4.46</b>		1.02	mg/kg	02/03/22	02/08/22
<b>Barium</b>	<b>27.1</b>		0.34	mg/kg	02/03/22	02/08/22
<b>Cadmium</b>	<b>1.49</b>		0.51	mg/kg	02/03/22	02/08/22
<b>Chromium</b>	<b>16.0</b>		0.51	mg/kg	02/03/22	02/08/22
<b>Lead</b>	<b>6.13</b>		0.51	mg/kg	02/03/22	02/08/22
Mercury	ND		0.039	mg/kg	02/03/22	02/04/22
Selenium	ND		1.02	mg/kg	02/03/22	02/08/22
Silver	ND		1.02	mg/kg	02/03/22	02/08/22

**Results: Total Metals****Sample: B22-8 Natural Soils S-5 (8-10)****Lab Number: 2B02020-05 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
<b>Arsenic</b>	<b>7.70</b>		0.83	mg/kg	02/03/22	02/08/22
<b>Barium</b>	<b>31.1</b>		0.28	mg/kg	02/03/22	02/08/22
<b>Cadmium</b>	<b>2.52</b>		0.42	mg/kg	02/03/22	02/08/22
<b>Chromium</b>	<b>14.0</b>		0.42	mg/kg	02/03/22	02/08/22
<b>Lead</b>	<b>9.71</b>		0.42	mg/kg	02/03/22	02/08/22
Mercury	ND		0.039	mg/kg	02/03/22	02/04/22
Selenium	ND		0.83	mg/kg	02/03/22	02/08/22
Silver	ND		0.83	mg/kg	02/03/22	02/08/22

**Results: Total Metals**

**Sample: TP-6 Fill A 18"**  
**Lab Number: 2B02020-06 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
<b>Arsenic</b>	<b>8.10</b>		1.05	mg/kg	02/03/22	02/08/22
<b>Barium</b>	<b>38.8</b>		0.35	mg/kg	02/03/22	02/08/22
<b>Cadmium</b>	<b>2.09</b>		0.53	mg/kg	02/03/22	02/08/22
<b>Chromium</b>	<b>15.4</b>		0.53	mg/kg	02/03/22	02/08/22
<b>Lead</b>	<b>19.5</b>		0.53	mg/kg	02/03/22	02/08/22
<b>Mercury</b>	<b>0.067</b>		0.041	mg/kg	02/03/22	02/04/22
Selenium	ND		1.05	mg/kg	02/03/22	02/08/22
Silver	ND		1.05	mg/kg	02/03/22	02/08/22

**Results: Total Metals****Sample: TP-6 C Layer 36"****Lab Number: 2B02020-07 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
<b>Arsenic</b>	<b>11.2</b>		0.90	mg/kg	02/03/22	02/08/22
<b>Barium</b>	<b>30.9</b>		0.30	mg/kg	02/03/22	02/08/22
<b>Cadmium</b>	<b>2.87</b>		0.45	mg/kg	02/03/22	02/08/22
<b>Chromium</b>	<b>17.2</b>		0.45	mg/kg	02/03/22	02/08/22
<b>Lead</b>	<b>10.1</b>		0.45	mg/kg	02/03/22	02/08/22
Mercury	ND		0.038	mg/kg	02/03/22	02/04/22
Selenium	ND		0.90	mg/kg	02/03/22	02/08/22
Silver	ND		0.90	mg/kg	02/03/22	02/08/22

**Results: Total Metals****Sample: TP-17 Fill A 25"****Lab Number: 2B02020-08 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
<b>Arsenic</b>	<b>4.98</b>		1.01	mg/kg	02/03/22	02/08/22
<b>Barium</b>	<b>23.7</b>		0.33	mg/kg	02/03/22	02/08/22
<b>Cadmium</b>	<b>1.65</b>		0.51	mg/kg	02/03/22	02/08/22
<b>Chromium</b>	<b>8.44</b>		0.51	mg/kg	02/03/22	02/08/22
<b>Lead</b>	<b>47.1</b>		0.51	mg/kg	02/03/22	02/08/22
Mercury	ND		0.034	mg/kg	02/03/22	02/04/22
Selenium	ND		1.01	mg/kg	02/03/22	02/08/22
Silver	ND		1.01	mg/kg	02/03/22	02/08/22

**Results: Total Metals****Sample: TP-17 Fill B 47"****Lab Number: 2B02020-09 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
<b>Arsenic</b>	<b>10.1</b>		1.32	mg/kg	02/03/22	02/08/22
<b>Barium</b>	<b>100</b>		0.43	mg/kg	02/03/22	02/08/22
<b>Cadmium</b>	<b>0.87</b>		0.66	mg/kg	02/03/22	02/08/22
<b>Chromium</b>	<b>7.47</b>		0.66	mg/kg	02/03/22	02/08/22
<b>Lead</b>	<b>95.0</b>		0.66	mg/kg	02/03/22	02/08/22
<b>Mercury</b>	<b>0.056</b>		0.042	mg/kg	02/03/22	02/04/22
Selenium	ND		1.32	mg/kg	02/03/22	02/08/22
Silver	ND		1.32	mg/kg	02/03/22	02/08/22

## Results: Volatile Organic Compounds

**Sample: B22-6 S-3 Fill (4-6)**

**Lab Number: 2B02020-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		7	ug/kg	02/04/22	02/04/22
Benzene	ND		7	ug/kg	02/04/22	02/04/22
Bromobenzene	ND		7	ug/kg	02/04/22	02/04/22
Bromochloromethane	ND		7	ug/kg	02/04/22	02/04/22
Bromodichloromethane	ND		7	ug/kg	02/04/22	02/04/22
Bromoform	ND		7	ug/kg	02/04/22	02/04/22
Bromomethane	ND		7	ug/kg	02/04/22	02/04/22
2-Butanone	ND		7	ug/kg	02/04/22	02/04/22
tert-Butyl alcohol	ND		7	ug/kg	02/04/22	02/04/22
sec-Butylbenzene	ND		7	ug/kg	02/04/22	02/04/22
n-Butylbenzene	ND		7	ug/kg	02/04/22	02/04/22
tert-Butylbenzene	ND		7	ug/kg	02/04/22	02/04/22
Methyl t-butyl ether (MTBE)	ND		7	ug/kg	02/04/22	02/04/22
Carbon Disulfide	ND		7	ug/kg	02/04/22	02/04/22
Carbon Tetrachloride	ND		7	ug/kg	02/04/22	02/04/22
Chlorobenzene	ND		7	ug/kg	02/04/22	02/04/22
Chloroethane	ND		7	ug/kg	02/04/22	02/04/22
Chloroform	ND		7	ug/kg	02/04/22	02/04/22
Chloromethane	ND		7	ug/kg	02/04/22	02/04/22
4-Chlorotoluene	ND		7	ug/kg	02/04/22	02/04/22
2-Chlorotoluene	ND		7	ug/kg	02/04/22	02/04/22
1,2-Dibromo-3-chloropropane (DBCP)	ND		7	ug/kg	02/04/22	02/04/22
Dibromochloromethane	ND		7	ug/kg	02/04/22	02/04/22
1,2-Dibromoethane (EDB)	ND		7	ug/kg	02/04/22	02/04/22
Dibromomethane	ND		7	ug/kg	02/04/22	02/04/22
1,2-Dichlorobenzene	ND		7	ug/kg	02/04/22	02/04/22
1,3-Dichlorobenzene	ND		7	ug/kg	02/04/22	02/04/22
1,4-Dichlorobenzene	ND		7	ug/kg	02/04/22	02/04/22
1,1-Dichloroethane	ND		7	ug/kg	02/04/22	02/04/22
1,2-Dichloroethane	ND		7	ug/kg	02/04/22	02/04/22
trans-1,2-Dichloroethene	ND		7	ug/kg	02/04/22	02/04/22
cis-1,2-Dichloroethene	ND		7	ug/kg	02/04/22	02/04/22
1,1-Dichloroethene	ND		7	ug/kg	02/04/22	02/04/22
1,2-Dichloropropane	ND		7	ug/kg	02/04/22	02/04/22
2,2-Dichloropropane	ND		7	ug/kg	02/04/22	02/04/22
cis-1,3-Dichloropropene	ND		7	ug/kg	02/04/22	02/04/22
trans-1,3-Dichloropropene	ND		7	ug/kg	02/04/22	02/04/22
1,1-Dichloropropene	ND		7	ug/kg	02/04/22	02/04/22
1,3-Dichloropropene (cis + trans)	ND		7	ug/kg	02/04/22	02/04/22
Diethyl ether	ND		7	ug/kg	02/04/22	02/04/22
1,4-Dioxane	ND		137	ug/kg	02/04/22	02/04/22
Ethylbenzene	ND		7	ug/kg	02/04/22	02/04/22
Hexachlorobutadiene	ND		7	ug/kg	02/04/22	02/04/22
2-Hexanone	ND		7	ug/kg	02/04/22	02/04/22
Isopropylbenzene	ND		7	ug/kg	02/04/22	02/04/22
p-Isopropyltoluene	ND		7	ug/kg	02/04/22	02/04/22
Methylene Chloride	ND		7	ug/kg	02/04/22	02/04/22
4-Methyl-2-pentanone	ND		7	ug/kg	02/04/22	02/04/22



## Results: Volatile Organic Compounds (Continued)

**Sample: B22-6 S-3 Fill (4-6) (Continued)**

**Lab Number: 2B02020-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		7	ug/kg	02/04/22	02/04/22
n-Propylbenzene	ND		7	ug/kg	02/04/22	02/04/22
Styrene	ND		7	ug/kg	02/04/22	02/04/22
1,1,1,2-Tetrachloroethane	ND		7	ug/kg	02/04/22	02/04/22
Tetrachloroethene	ND		7	ug/kg	02/04/22	02/04/22
Tetrahydrofuran	ND		7	ug/kg	02/04/22	02/04/22
Toluene	ND		7	ug/kg	02/04/22	02/04/22
1,2,4-Trichlorobenzene	ND		7	ug/kg	02/04/22	02/04/22
1,2,3-Trichlorobenzene	ND		7	ug/kg	02/04/22	02/04/22
1,1,2-Trichloroethane	ND		7	ug/kg	02/04/22	02/04/22
1,1,1-Trichloroethane	ND		7	ug/kg	02/04/22	02/04/22
Trichloroethene	ND		7	ug/kg	02/04/22	02/04/22
1,2,3-Trichloropropane	ND		7	ug/kg	02/04/22	02/04/22
1,3,5-Trimethylbenzene	ND		7	ug/kg	02/04/22	02/04/22
1,2,4-Trimethylbenzene	ND		7	ug/kg	02/04/22	02/04/22
Vinyl Chloride	ND		7	ug/kg	02/04/22	02/04/22
o-Xylene	ND		7	ug/kg	02/04/22	02/04/22
m&p-Xylene	ND		14	ug/kg	02/04/22	02/04/22
Total xylenes	ND		7	ug/kg	02/04/22	02/04/22
1,1,1,2-Tetrachloroethane	ND		7	ug/kg	02/04/22	02/04/22
tert-Amyl methyl ether	ND		7	ug/kg	02/04/22	02/04/22
1,3-Dichloropropane	ND		7	ug/kg	02/04/22	02/04/22
Ethyl tert-butyl ether	ND		7	ug/kg	02/04/22	02/04/22
Diisopropyl ether	ND		7	ug/kg	02/04/22	02/04/22
Trichlorofluoromethane	ND		7	ug/kg	02/04/22	02/04/22
Dichlorodifluoromethane	ND		7	ug/kg	02/04/22	02/04/22
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Surrogate(s)	Recovery%		Limits			
<hr/>						
<i>4-Bromofluorobenzene</i>	92.0%		70-130		02/04/22	02/04/22
<i>1,2-Dichloroethane-d4</i>	103%		70-130		02/04/22	02/04/22
<i>Toluene-d8</i>	96.2%		70-130		02/04/22	02/04/22

## Results: Volatile Organic Compounds

**Sample: B22-6 S-5 Natural Soils (8-10)**

**Lab Number: 2B02020-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		6	ug/kg	02/04/22	02/04/22
Benzene	ND		6	ug/kg	02/04/22	02/04/22
Bromobenzene	ND		6	ug/kg	02/04/22	02/04/22
Bromochloromethane	ND		6	ug/kg	02/04/22	02/04/22
Bromodichloromethane	ND		6	ug/kg	02/04/22	02/04/22
Bromoform	ND		6	ug/kg	02/04/22	02/04/22
Bromomethane	ND		6	ug/kg	02/04/22	02/04/22
2-Butanone	ND		6	ug/kg	02/04/22	02/04/22
tert-Butyl alcohol	ND		6	ug/kg	02/04/22	02/04/22
sec-Butylbenzene	ND		6	ug/kg	02/04/22	02/04/22
n-Butylbenzene	ND		6	ug/kg	02/04/22	02/04/22
tert-Butylbenzene	ND		6	ug/kg	02/04/22	02/04/22
Methyl t-butyl ether (MTBE)	ND		6	ug/kg	02/04/22	02/04/22
Carbon Disulfide	ND		6	ug/kg	02/04/22	02/04/22
Carbon Tetrachloride	ND		6	ug/kg	02/04/22	02/04/22
Chlorobenzene	ND		6	ug/kg	02/04/22	02/04/22
Chloroethane	ND		6	ug/kg	02/04/22	02/04/22
Chloroform	ND		6	ug/kg	02/04/22	02/04/22
Chloromethane	ND		6	ug/kg	02/04/22	02/04/22
4-Chlorotoluene	ND		6	ug/kg	02/04/22	02/04/22
2-Chlorotoluene	ND		6	ug/kg	02/04/22	02/04/22
1,2-Dibromo-3-chloropropane (DBCP)	ND		6	ug/kg	02/04/22	02/04/22
Dibromochloromethane	ND		6	ug/kg	02/04/22	02/04/22
1,2-Dibromoethane (EDB)	ND		6	ug/kg	02/04/22	02/04/22
Dibromomethane	ND		6	ug/kg	02/04/22	02/04/22
1,2-Dichlorobenzene	ND		6	ug/kg	02/04/22	02/04/22
1,3-Dichlorobenzene	ND		6	ug/kg	02/04/22	02/04/22
1,4-Dichlorobenzene	ND		6	ug/kg	02/04/22	02/04/22
1,1-Dichloroethane	ND		6	ug/kg	02/04/22	02/04/22
1,2-Dichloroethane	ND		6	ug/kg	02/04/22	02/04/22
trans-1,2-Dichloroethene	ND		6	ug/kg	02/04/22	02/04/22
cis-1,2-Dichloroethene	ND		6	ug/kg	02/04/22	02/04/22
1,1-Dichloroethene	ND		6	ug/kg	02/04/22	02/04/22
1,2-Dichloropropane	ND		6	ug/kg	02/04/22	02/04/22
2,2-Dichloropropane	ND		6	ug/kg	02/04/22	02/04/22
cis-1,3-Dichloropropene	ND		6	ug/kg	02/04/22	02/04/22
trans-1,3-Dichloropropene	ND		6	ug/kg	02/04/22	02/04/22
1,1-Dichloropropene	ND		6	ug/kg	02/04/22	02/04/22
1,3-Dichloropropene (cis + trans)	ND		6	ug/kg	02/04/22	02/04/22
Diethyl ether	ND		6	ug/kg	02/04/22	02/04/22
1,4-Dioxane	ND		128	ug/kg	02/04/22	02/04/22
Ethylbenzene	ND		6	ug/kg	02/04/22	02/04/22
Hexachlorobutadiene	ND		6	ug/kg	02/04/22	02/04/22
2-Hexanone	ND		6	ug/kg	02/04/22	02/04/22
Isopropylbenzene	ND		6	ug/kg	02/04/22	02/04/22
p-Isopropyltoluene	ND		6	ug/kg	02/04/22	02/04/22
Methylene Chloride	ND		6	ug/kg	02/04/22	02/04/22
4-Methyl-2-pentanone	ND		6	ug/kg	02/04/22	02/04/22

## Results: Volatile Organic Compounds (Continued)

**Sample: B22-6 S-5 Natural Soils (8-10) (Continued)**

**Lab Number: 2B02020-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		6	ug/kg	02/04/22	02/04/22
n-Propylbenzene	ND		6	ug/kg	02/04/22	02/04/22
Styrene	ND		6	ug/kg	02/04/22	02/04/22
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/04/22	02/04/22
Tetrachloroethene	ND		6	ug/kg	02/04/22	02/04/22
Tetrahydrofuran	ND		6	ug/kg	02/04/22	02/04/22
Toluene	ND		6	ug/kg	02/04/22	02/04/22
1,2,4-Trichlorobenzene	ND		6	ug/kg	02/04/22	02/04/22
1,2,3-Trichlorobenzene	ND		6	ug/kg	02/04/22	02/04/22
1,1,2-Trichloroethane	ND		6	ug/kg	02/04/22	02/04/22
1,1,1-Trichloroethane	ND		6	ug/kg	02/04/22	02/04/22
Trichloroethene	ND		6	ug/kg	02/04/22	02/04/22
1,2,3-Trichloropropane	ND		6	ug/kg	02/04/22	02/04/22
1,3,5-Trimethylbenzene	ND		6	ug/kg	02/04/22	02/04/22
1,2,4-Trimethylbenzene	ND		6	ug/kg	02/04/22	02/04/22
Vinyl Chloride	ND		6	ug/kg	02/04/22	02/04/22
o-Xylene	ND		6	ug/kg	02/04/22	02/04/22
m&p-Xylene	ND		13	ug/kg	02/04/22	02/04/22
Total xylenes	ND		6	ug/kg	02/04/22	02/04/22
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/04/22	02/04/22
tert-Amyl methyl ether	ND		6	ug/kg	02/04/22	02/04/22
1,3-Dichloropropane	ND		6	ug/kg	02/04/22	02/04/22
Ethyl tert-butyl ether	ND		6	ug/kg	02/04/22	02/04/22
Diisopropyl ether	ND		6	ug/kg	02/04/22	02/04/22
Trichlorofluoromethane	ND		6	ug/kg	02/04/22	02/04/22
Dichlorodifluoromethane	ND		6	ug/kg	02/04/22	02/04/22
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>90.8%</i>		<i>70-130</i>		<i>02/04/22</i>	<i>02/04/22</i>
<i>1,2-Dichloroethane-d4</i>	<i>99.9%</i>		<i>70-130</i>		<i>02/04/22</i>	<i>02/04/22</i>
<i>Toluene-d8</i>	<i>96.7%</i>		<i>70-130</i>		<i>02/04/22</i>	<i>02/04/22</i>

## Results: Volatile Organic Compounds

**Sample: B22-8 Fill S-3 (4-6)**

**Lab Number: 2B02020-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		5	ug/kg	02/04/22	02/04/22
Benzene	ND		5	ug/kg	02/04/22	02/04/22
Bromobenzene	ND		5	ug/kg	02/04/22	02/04/22
Bromochloromethane	ND		5	ug/kg	02/04/22	02/04/22
Bromodichloromethane	ND		5	ug/kg	02/04/22	02/04/22
Bromoform	ND		5	ug/kg	02/04/22	02/04/22
Bromomethane	ND		5	ug/kg	02/04/22	02/04/22
2-Butanone	ND		5	ug/kg	02/04/22	02/04/22
tert-Butyl alcohol	ND		5	ug/kg	02/04/22	02/04/22
sec-Butylbenzene	ND		5	ug/kg	02/04/22	02/04/22
n-Butylbenzene	ND		5	ug/kg	02/04/22	02/04/22
tert-Butylbenzene	ND		5	ug/kg	02/04/22	02/04/22
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	02/04/22	02/04/22
Carbon Disulfide	ND		5	ug/kg	02/04/22	02/04/22
Carbon Tetrachloride	ND		5	ug/kg	02/04/22	02/04/22
Chlorobenzene	ND		5	ug/kg	02/04/22	02/04/22
Chloroethane	ND		5	ug/kg	02/04/22	02/04/22
Chloroform	ND		5	ug/kg	02/04/22	02/04/22
Chloromethane	ND		5	ug/kg	02/04/22	02/04/22
4-Chlorotoluene	ND		5	ug/kg	02/04/22	02/04/22
2-Chlorotoluene	ND		5	ug/kg	02/04/22	02/04/22
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	02/04/22	02/04/22
Dibromochloromethane	ND		5	ug/kg	02/04/22	02/04/22
1,2-Dibromoethane (EDB)	ND		5	ug/kg	02/04/22	02/04/22
Dibromomethane	ND		5	ug/kg	02/04/22	02/04/22
1,2-Dichlorobenzene	ND		5	ug/kg	02/04/22	02/04/22
1,3-Dichlorobenzene	ND		5	ug/kg	02/04/22	02/04/22
1,4-Dichlorobenzene	ND		5	ug/kg	02/04/22	02/04/22
1,1-Dichloroethane	ND		5	ug/kg	02/04/22	02/04/22
1,2-Dichloroethane	ND		5	ug/kg	02/04/22	02/04/22
trans-1,2-Dichloroethene	ND		5	ug/kg	02/04/22	02/04/22
cis-1,2-Dichloroethene	ND		5	ug/kg	02/04/22	02/04/22
1,1-Dichloroethene	ND		5	ug/kg	02/04/22	02/04/22
1,2-Dichloropropane	ND		5	ug/kg	02/04/22	02/04/22
2,2-Dichloropropane	ND		5	ug/kg	02/04/22	02/04/22
cis-1,3-Dichloropropene	ND		5	ug/kg	02/04/22	02/04/22
trans-1,3-Dichloropropene	ND		5	ug/kg	02/04/22	02/04/22
1,1-Dichloropropene	ND		5	ug/kg	02/04/22	02/04/22
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	02/04/22	02/04/22
Diethyl ether	ND		5	ug/kg	02/04/22	02/04/22
1,4-Dioxane	ND		109	ug/kg	02/04/22	02/04/22
Ethylbenzene	ND		5	ug/kg	02/04/22	02/04/22
Hexachlorobutadiene	ND		5	ug/kg	02/04/22	02/04/22
2-Hexanone	ND		5	ug/kg	02/04/22	02/04/22
Isopropylbenzene	ND		5	ug/kg	02/04/22	02/04/22
p-Isopropyltoluene	ND		5	ug/kg	02/04/22	02/04/22
Methylene Chloride	ND		5	ug/kg	02/04/22	02/04/22
4-Methyl-2-pentanone	ND		5	ug/kg	02/04/22	02/04/22

## Results: Volatile Organic Compounds (Continued)

**Sample: B22-8 Fill S-3 (4-6) (Continued)**

**Lab Number: 2B02020-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
<b>Naphthalene</b>	<b>28</b>		5	ug/kg	02/04/22	02/04/22
n-Propylbenzene	ND		5	ug/kg	02/04/22	02/04/22
Styrene	ND		5	ug/kg	02/04/22	02/04/22
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/04/22	02/04/22
Tetrachloroethene	ND		5	ug/kg	02/04/22	02/04/22
Tetrahydrofuran	ND		5	ug/kg	02/04/22	02/04/22
Toluene	ND		5	ug/kg	02/04/22	02/04/22
1,2,4-Trichlorobenzene	ND		5	ug/kg	02/04/22	02/04/22
1,2,3-Trichlorobenzene	ND		5	ug/kg	02/04/22	02/04/22
1,1,2-Trichloroethane	ND		5	ug/kg	02/04/22	02/04/22
1,1,1-Trichloroethane	ND		5	ug/kg	02/04/22	02/04/22
Trichloroethene	ND		5	ug/kg	02/04/22	02/04/22
1,2,3-Trichloropropane	ND		5	ug/kg	02/04/22	02/04/22
1,3,5-Trimethylbenzene	ND		5	ug/kg	02/04/22	02/04/22
1,2,4-Trimethylbenzene	ND		5	ug/kg	02/04/22	02/04/22
Vinyl Chloride	ND		5	ug/kg	02/04/22	02/04/22
o-Xylene	ND		5	ug/kg	02/04/22	02/04/22
m&p-Xylene	ND		11	ug/kg	02/04/22	02/04/22
Total xylenes	ND		5	ug/kg	02/04/22	02/04/22
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/04/22	02/04/22
tert-Amyl methyl ether	ND		5	ug/kg	02/04/22	02/04/22
1,3-Dichloropropane	ND		5	ug/kg	02/04/22	02/04/22
Ethyl tert-butyl ether	ND		5	ug/kg	02/04/22	02/04/22
Diisopropyl ether	ND		5	ug/kg	02/04/22	02/04/22
Trichlorofluoromethane	ND		5	ug/kg	02/04/22	02/04/22
Dichlorodifluoromethane	ND		5	ug/kg	02/04/22	02/04/22
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>93.5%</i>		<i>70-130</i>		<i>02/04/22</i>	<i>02/04/22</i>
<i>1,2-Dichloroethane-d4</i>	<i>103%</i>		<i>70-130</i>		<i>02/04/22</i>	<i>02/04/22</i>
<i>Toluene-d8</i>	<i>95.8%</i>		<i>70-130</i>		<i>02/04/22</i>	<i>02/04/22</i>

## Results: Volatile Organic Compounds

**Sample: B22-8 Natural Soils S-5 (8-10)**

**Lab Number: 2B02020-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		4	ug/kg	02/04/22	02/05/22
Benzene	ND		4	ug/kg	02/04/22	02/05/22
Bromobenzene	ND		4	ug/kg	02/04/22	02/05/22
Bromochloromethane	ND		4	ug/kg	02/04/22	02/05/22
Bromodichloromethane	ND		4	ug/kg	02/04/22	02/05/22
Bromoform	ND		4	ug/kg	02/04/22	02/05/22
Bromomethane	ND		4	ug/kg	02/04/22	02/05/22
2-Butanone	ND		15	ug/kg	02/04/22	02/05/22
tert-Butyl alcohol	ND		4	ug/kg	02/04/22	02/05/22
sec-Butylbenzene	ND		4	ug/kg	02/04/22	02/05/22
n-Butylbenzene	ND		4	ug/kg	02/04/22	02/05/22
tert-Butylbenzene	ND		4	ug/kg	02/04/22	02/05/22
Methyl t-butyl ether (MTBE)	ND		4	ug/kg	02/04/22	02/05/22
Carbon Disulfide	ND		4	ug/kg	02/04/22	02/05/22
Carbon Tetrachloride	ND		4	ug/kg	02/04/22	02/05/22
Chlorobenzene	ND		4	ug/kg	02/04/22	02/05/22
Chloroethane	ND		4	ug/kg	02/04/22	02/05/22
Chloroform	ND		4	ug/kg	02/04/22	02/05/22
Chloromethane	ND		4	ug/kg	02/04/22	02/05/22
4-Chlorotoluene	ND		4	ug/kg	02/04/22	02/05/22
2-Chlorotoluene	ND		4	ug/kg	02/04/22	02/05/22
1,2-Dibromo-3-chloropropane (DBCP)	ND		4	ug/kg	02/04/22	02/05/22
Dibromochloromethane	ND		4	ug/kg	02/04/22	02/05/22
1,2-Dibromoethane (EDB)	ND		4	ug/kg	02/04/22	02/05/22
Dibromomethane	ND		4	ug/kg	02/04/22	02/05/22
1,2-Dichlorobenzene	ND		4	ug/kg	02/04/22	02/05/22
1,3-Dichlorobenzene	ND		4	ug/kg	02/04/22	02/05/22
1,4-Dichlorobenzene	ND		4	ug/kg	02/04/22	02/05/22
1,1-Dichloroethane	ND		4	ug/kg	02/04/22	02/05/22
1,2-Dichloroethane	ND		4	ug/kg	02/04/22	02/05/22
trans-1,2-Dichloroethene	ND		4	ug/kg	02/04/22	02/05/22
cis-1,2-Dichloroethene	ND		4	ug/kg	02/04/22	02/05/22
1,1-Dichloroethene	ND		4	ug/kg	02/04/22	02/05/22
1,2-Dichloropropane	ND		4	ug/kg	02/04/22	02/05/22
2,2-Dichloropropane	ND		4	ug/kg	02/04/22	02/05/22
cis-1,3-Dichloropropene	ND		4	ug/kg	02/04/22	02/05/22
trans-1,3-Dichloropropene	ND		4	ug/kg	02/04/22	02/05/22
1,1-Dichloropropene	ND		4	ug/kg	02/04/22	02/05/22
1,3-Dichloropropene (cis + trans)	ND		4	ug/kg	02/04/22	02/05/22
Diethyl ether	ND		4	ug/kg	02/04/22	02/05/22
1,4-Dioxane	ND		87	ug/kg	02/04/22	02/05/22
Ethylbenzene	ND		4	ug/kg	02/04/22	02/05/22
Hexachlorobutadiene	ND		4	ug/kg	02/04/22	02/05/22
2-Hexanone	ND		4	ug/kg	02/04/22	02/05/22
Isopropylbenzene	ND		4	ug/kg	02/04/22	02/05/22
p-Isopropyltoluene	ND		4	ug/kg	02/04/22	02/05/22
Methylene Chloride	ND		4	ug/kg	02/04/22	02/05/22
4-Methyl-2-pentanone	ND		4	ug/kg	02/04/22	02/05/22

## Results: Volatile Organic Compounds (Continued)

**Sample: B22-8 Natural Soils S-5 (8-10) (Continued)**

**Lab Number: 2B02020-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
<b>Naphthalene</b>	<b>30</b>		4	ug/kg	02/04/22	02/05/22
n-Propylbenzene	ND		4	ug/kg	02/04/22	02/05/22
Styrene	ND		4	ug/kg	02/04/22	02/05/22
1,1,1,2-Tetrachloroethane	ND		4	ug/kg	02/04/22	02/05/22
Tetrachloroethene	ND		4	ug/kg	02/04/22	02/05/22
Tetrahydrofuran	ND		4	ug/kg	02/04/22	02/05/22
Toluene	ND		4	ug/kg	02/04/22	02/05/22
1,2,4-Trichlorobenzene	ND		4	ug/kg	02/04/22	02/05/22
1,2,3-Trichlorobenzene	ND		4	ug/kg	02/04/22	02/05/22
1,1,2-Trichloroethane	ND		4	ug/kg	02/04/22	02/05/22
1,1,1-Trichloroethane	ND		4	ug/kg	02/04/22	02/05/22
Trichloroethene	ND		4	ug/kg	02/04/22	02/05/22
1,2,3-Trichloropropane	ND		4	ug/kg	02/04/22	02/05/22
1,3,5-Trimethylbenzene	ND		4	ug/kg	02/04/22	02/05/22
1,2,4-Trimethylbenzene	ND		4	ug/kg	02/04/22	02/05/22
Vinyl Chloride	ND		4	ug/kg	02/04/22	02/05/22
o-Xylene	ND		4	ug/kg	02/04/22	02/05/22
m&p-Xylene	ND		9	ug/kg	02/04/22	02/05/22
Total xylenes	ND		4	ug/kg	02/04/22	02/05/22
1,1,1,2-Tetrachloroethane	ND		4	ug/kg	02/04/22	02/05/22
tert-Amyl methyl ether	ND		4	ug/kg	02/04/22	02/05/22
1,3-Dichloropropane	ND		4	ug/kg	02/04/22	02/05/22
Ethyl tert-butyl ether	ND		4	ug/kg	02/04/22	02/05/22
Diisopropyl ether	ND		4	ug/kg	02/04/22	02/05/22
Trichlorofluoromethane	ND		4	ug/kg	02/04/22	02/05/22
Dichlorodifluoromethane	ND		4	ug/kg	02/04/22	02/05/22
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>93.2%</i>		<i>70-130</i>		<i>02/04/22</i>	<i>02/05/22</i>
<i>1,2-Dichloroethane-d4</i>	<i>101%</i>		<i>70-130</i>		<i>02/04/22</i>	<i>02/05/22</i>
<i>Toluene-d8</i>	<i>96.4%</i>		<i>70-130</i>		<i>02/04/22</i>	<i>02/05/22</i>

## Results: Volatile Organic Compounds

**Sample: TP-6 Fill A 18"**  
**Lab Number: 2B02020-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		5	ug/kg	02/04/22	02/05/22
Benzene	ND		5	ug/kg	02/04/22	02/05/22
Bromobenzene	ND		5	ug/kg	02/04/22	02/05/22
Bromochloromethane	ND		5	ug/kg	02/04/22	02/05/22
Bromodichloromethane	ND		5	ug/kg	02/04/22	02/05/22
Bromoform	ND		5	ug/kg	02/04/22	02/05/22
Bromomethane	ND		5	ug/kg	02/04/22	02/05/22
2-Butanone	ND		5	ug/kg	02/04/22	02/05/22
tert-Butyl alcohol	ND		5	ug/kg	02/04/22	02/05/22
sec-Butylbenzene	ND		5	ug/kg	02/04/22	02/05/22
n-Butylbenzene	ND		5	ug/kg	02/04/22	02/05/22
tert-Butylbenzene	ND		5	ug/kg	02/04/22	02/05/22
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	02/04/22	02/05/22
Carbon Disulfide	ND		5	ug/kg	02/04/22	02/05/22
Carbon Tetrachloride	ND		5	ug/kg	02/04/22	02/05/22
Chlorobenzene	ND		5	ug/kg	02/04/22	02/05/22
Chloroethane	ND		5	ug/kg	02/04/22	02/05/22
Chloroform	ND		5	ug/kg	02/04/22	02/05/22
Chloromethane	ND		5	ug/kg	02/04/22	02/05/22
4-Chlorotoluene	ND		5	ug/kg	02/04/22	02/05/22
2-Chlorotoluene	ND		5	ug/kg	02/04/22	02/05/22
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	02/04/22	02/05/22
Dibromochloromethane	ND		5	ug/kg	02/04/22	02/05/22
1,2-Dibromoethane (EDB)	ND		5	ug/kg	02/04/22	02/05/22
Dibromomethane	ND		5	ug/kg	02/04/22	02/05/22
1,2-Dichlorobenzene	ND		5	ug/kg	02/04/22	02/05/22
1,3-Dichlorobenzene	ND		5	ug/kg	02/04/22	02/05/22
1,4-Dichlorobenzene	ND		5	ug/kg	02/04/22	02/05/22
1,1-Dichloroethane	ND		5	ug/kg	02/04/22	02/05/22
1,2-Dichloroethane	ND		5	ug/kg	02/04/22	02/05/22
trans-1,2-Dichloroethene	ND		5	ug/kg	02/04/22	02/05/22
cis-1,2-Dichloroethene	ND		5	ug/kg	02/04/22	02/05/22
1,1-Dichloroethene	ND		5	ug/kg	02/04/22	02/05/22
1,2-Dichloropropane	ND		5	ug/kg	02/04/22	02/05/22
2,2-Dichloropropane	ND		5	ug/kg	02/04/22	02/05/22
cis-1,3-Dichloropropene	ND		5	ug/kg	02/04/22	02/05/22
trans-1,3-Dichloropropene	ND		5	ug/kg	02/04/22	02/05/22
1,1-Dichloropropene	ND		5	ug/kg	02/04/22	02/05/22
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	02/04/22	02/05/22
Diethyl ether	ND		5	ug/kg	02/04/22	02/05/22
1,4-Dioxane	ND		110	ug/kg	02/04/22	02/05/22
Ethylbenzene	ND		5	ug/kg	02/04/22	02/05/22
Hexachlorobutadiene	ND		5	ug/kg	02/04/22	02/05/22
2-Hexanone	ND		5	ug/kg	02/04/22	02/05/22
Isopropylbenzene	ND		5	ug/kg	02/04/22	02/05/22
p-Isopropyltoluene	ND		5	ug/kg	02/04/22	02/05/22
Methylene Chloride	ND		5	ug/kg	02/04/22	02/05/22
4-Methyl-2-pentanone	ND		5	ug/kg	02/04/22	02/05/22



## Results: Volatile Organic Compounds (Continued)

**Sample: TP-6 Fill A 18" (Continued)**

**Lab Number: 2B02020-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	02/04/22	02/05/22
n-Propylbenzene	ND		5	ug/kg	02/04/22	02/05/22
Styrene	ND		5	ug/kg	02/04/22	02/05/22
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/04/22	02/05/22
Tetrachloroethene	ND		5	ug/kg	02/04/22	02/05/22
Tetrahydrofuran	ND		5	ug/kg	02/04/22	02/05/22
Toluene	ND		5	ug/kg	02/04/22	02/05/22
1,2,4-Trichlorobenzene	ND		5	ug/kg	02/04/22	02/05/22
1,2,3-Trichlorobenzene	ND		5	ug/kg	02/04/22	02/05/22
1,1,2-Trichloroethane	ND		5	ug/kg	02/04/22	02/05/22
1,1,1-Trichloroethane	ND		5	ug/kg	02/04/22	02/05/22
Trichloroethene	ND		5	ug/kg	02/04/22	02/05/22
1,2,3-Trichloropropane	ND		5	ug/kg	02/04/22	02/05/22
1,3,5-Trimethylbenzene	ND		5	ug/kg	02/04/22	02/05/22
1,2,4-Trimethylbenzene	ND		5	ug/kg	02/04/22	02/05/22
Vinyl Chloride	ND		5	ug/kg	02/04/22	02/05/22
o-Xylene	ND		5	ug/kg	02/04/22	02/05/22
m&p-Xylene	ND		11	ug/kg	02/04/22	02/05/22
Total xylenes	ND		5	ug/kg	02/04/22	02/05/22
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/04/22	02/05/22
tert-Amyl methyl ether	ND		5	ug/kg	02/04/22	02/05/22
1,3-Dichloropropane	ND		5	ug/kg	02/04/22	02/05/22
Ethyl tert-butyl ether	ND		5	ug/kg	02/04/22	02/05/22
Diisopropyl ether	ND		5	ug/kg	02/04/22	02/05/22
Trichlorofluoromethane	ND		5	ug/kg	02/04/22	02/05/22
Dichlorodifluoromethane	ND		5	ug/kg	02/04/22	02/05/22
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>86.0%</i>		<i>70-130</i>		<i>02/04/22</i>	<i>02/05/22</i>
<i>1,2-Dichloroethane-d4</i>	<i>99.9%</i>		<i>70-130</i>		<i>02/04/22</i>	<i>02/05/22</i>
<i>Toluene-d8</i>	<i>94.4%</i>		<i>70-130</i>		<i>02/04/22</i>	<i>02/05/22</i>

## Results: Volatile Organic Compounds

**Sample: TP-6 C Layer 36"**

**Lab Number: 2B02020-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		6	ug/kg	02/04/22	02/05/22
Benzene	ND		6	ug/kg	02/04/22	02/05/22
Bromobenzene	ND		6	ug/kg	02/04/22	02/05/22
Bromochloromethane	ND		6	ug/kg	02/04/22	02/05/22
Bromodichloromethane	ND		6	ug/kg	02/04/22	02/05/22
Bromoform	ND		6	ug/kg	02/04/22	02/05/22
Bromomethane	ND		6	ug/kg	02/04/22	02/05/22
2-Butanone	ND		6	ug/kg	02/04/22	02/05/22
tert-Butyl alcohol	ND		6	ug/kg	02/04/22	02/05/22
sec-Butylbenzene	ND		6	ug/kg	02/04/22	02/05/22
n-Butylbenzene	ND		6	ug/kg	02/04/22	02/05/22
tert-Butylbenzene	ND		6	ug/kg	02/04/22	02/05/22
Methyl t-butyl ether (MTBE)	ND		6	ug/kg	02/04/22	02/05/22
Carbon Disulfide	ND		6	ug/kg	02/04/22	02/05/22
Carbon Tetrachloride	ND		6	ug/kg	02/04/22	02/05/22
Chlorobenzene	ND		6	ug/kg	02/04/22	02/05/22
Chloroethane	ND		6	ug/kg	02/04/22	02/05/22
Chloroform	ND		6	ug/kg	02/04/22	02/05/22
Chloromethane	ND		6	ug/kg	02/04/22	02/05/22
4-Chlorotoluene	ND		6	ug/kg	02/04/22	02/05/22
2-Chlorotoluene	ND		6	ug/kg	02/04/22	02/05/22
1,2-Dibromo-3-chloropropane (DBCP)	ND		6	ug/kg	02/04/22	02/05/22
Dibromochloromethane	ND		6	ug/kg	02/04/22	02/05/22
1,2-Dibromoethane (EDB)	ND		6	ug/kg	02/04/22	02/05/22
Dibromomethane	ND		6	ug/kg	02/04/22	02/05/22
1,2-Dichlorobenzene	ND		6	ug/kg	02/04/22	02/05/22
1,3-Dichlorobenzene	ND		6	ug/kg	02/04/22	02/05/22
1,4-Dichlorobenzene	ND		6	ug/kg	02/04/22	02/05/22
1,1-Dichloroethane	ND		6	ug/kg	02/04/22	02/05/22
1,2-Dichloroethane	ND		6	ug/kg	02/04/22	02/05/22
trans-1,2-Dichloroethene	ND		6	ug/kg	02/04/22	02/05/22
cis-1,2-Dichloroethene	ND		6	ug/kg	02/04/22	02/05/22
1,1-Dichloroethene	ND		6	ug/kg	02/04/22	02/05/22
1,2-Dichloropropane	ND		6	ug/kg	02/04/22	02/05/22
2,2-Dichloropropane	ND		6	ug/kg	02/04/22	02/05/22
cis-1,3-Dichloropropene	ND		6	ug/kg	02/04/22	02/05/22
trans-1,3-Dichloropropene	ND		6	ug/kg	02/04/22	02/05/22
1,1-Dichloropropene	ND		6	ug/kg	02/04/22	02/05/22
1,3-Dichloropropene (cis + trans)	ND		6	ug/kg	02/04/22	02/05/22
Diethyl ether	ND		6	ug/kg	02/04/22	02/05/22
1,4-Dioxane	ND		119	ug/kg	02/04/22	02/05/22
Ethylbenzene	ND		6	ug/kg	02/04/22	02/05/22
Hexachlorobutadiene	ND		6	ug/kg	02/04/22	02/05/22
2-Hexanone	ND		6	ug/kg	02/04/22	02/05/22
Isopropylbenzene	ND		6	ug/kg	02/04/22	02/05/22
p-Isopropyltoluene	ND		6	ug/kg	02/04/22	02/05/22
Methylene Chloride	ND		6	ug/kg	02/04/22	02/05/22
4-Methyl-2-pentanone	ND		6	ug/kg	02/04/22	02/05/22

## Results: Volatile Organic Compounds (Continued)

**Sample: TP-6 C Layer 36" (Continued)**

**Lab Number: 2B02020-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		6	ug/kg	02/04/22	02/05/22
n-Propylbenzene	ND		6	ug/kg	02/04/22	02/05/22
Styrene	ND		6	ug/kg	02/04/22	02/05/22
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/04/22	02/05/22
Tetrachloroethene	ND		6	ug/kg	02/04/22	02/05/22
Tetrahydrofuran	ND		6	ug/kg	02/04/22	02/05/22
Toluene	ND		6	ug/kg	02/04/22	02/05/22
1,2,4-Trichlorobenzene	ND		6	ug/kg	02/04/22	02/05/22
1,2,3-Trichlorobenzene	ND		6	ug/kg	02/04/22	02/05/22
1,1,2-Trichloroethane	ND		6	ug/kg	02/04/22	02/05/22
1,1,1-Trichloroethane	ND		6	ug/kg	02/04/22	02/05/22
Trichloroethene	ND		6	ug/kg	02/04/22	02/05/22
1,2,3-Trichloropropane	ND		6	ug/kg	02/04/22	02/05/22
1,3,5-Trimethylbenzene	ND		6	ug/kg	02/04/22	02/05/22
1,2,4-Trimethylbenzene	ND		6	ug/kg	02/04/22	02/05/22
Vinyl Chloride	ND		6	ug/kg	02/04/22	02/05/22
o-Xylene	ND		6	ug/kg	02/04/22	02/05/22
m&p-Xylene	ND		12	ug/kg	02/04/22	02/05/22
Total xylenes	ND		6	ug/kg	02/04/22	02/05/22
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/04/22	02/05/22
tert-Amyl methyl ether	ND		6	ug/kg	02/04/22	02/05/22
1,3-Dichloropropane	ND		6	ug/kg	02/04/22	02/05/22
Ethyl tert-butyl ether	ND		6	ug/kg	02/04/22	02/05/22
Diisopropyl ether	ND		6	ug/kg	02/04/22	02/05/22
Trichlorofluoromethane	ND		6	ug/kg	02/04/22	02/05/22
Dichlorodifluoromethane	ND		6	ug/kg	02/04/22	02/05/22
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>93.9%</i>		<i>70-130</i>		<i>02/04/22</i>	<i>02/05/22</i>
<i>1,2-Dichloroethane-d4</i>	<i>101%</i>		<i>70-130</i>		<i>02/04/22</i>	<i>02/05/22</i>
<i>Toluene-d8</i>	<i>97.1%</i>		<i>70-130</i>		<i>02/04/22</i>	<i>02/05/22</i>

## Results: Volatile Organic Compounds

**Sample: TP-17 Fill A 25"**

**Lab Number: 2B02020-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		6	ug/kg	02/04/22	02/05/22
Benzene	ND		6	ug/kg	02/04/22	02/05/22
Bromobenzene	ND		6	ug/kg	02/04/22	02/05/22
Bromochloromethane	ND		6	ug/kg	02/04/22	02/05/22
Bromodichloromethane	ND		6	ug/kg	02/04/22	02/05/22
Bromoform	ND		6	ug/kg	02/04/22	02/05/22
Bromomethane	ND		6	ug/kg	02/04/22	02/05/22
2-Butanone	ND		6	ug/kg	02/04/22	02/05/22
tert-Butyl alcohol	ND		6	ug/kg	02/04/22	02/05/22
sec-Butylbenzene	ND		6	ug/kg	02/04/22	02/05/22
n-Butylbenzene	ND		6	ug/kg	02/04/22	02/05/22
tert-Butylbenzene	ND		6	ug/kg	02/04/22	02/05/22
Methyl t-butyl ether (MTBE)	ND		6	ug/kg	02/04/22	02/05/22
Carbon Disulfide	ND		6	ug/kg	02/04/22	02/05/22
Carbon Tetrachloride	ND		6	ug/kg	02/04/22	02/05/22
Chlorobenzene	ND		6	ug/kg	02/04/22	02/05/22
Chloroethane	ND		6	ug/kg	02/04/22	02/05/22
Chloroform	ND		6	ug/kg	02/04/22	02/05/22
Chloromethane	ND		6	ug/kg	02/04/22	02/05/22
4-Chlorotoluene	ND		6	ug/kg	02/04/22	02/05/22
2-Chlorotoluene	ND		6	ug/kg	02/04/22	02/05/22
1,2-Dibromo-3-chloropropane (DBCP)	ND		6	ug/kg	02/04/22	02/05/22
Dibromochloromethane	ND		6	ug/kg	02/04/22	02/05/22
1,2-Dibromoethane (EDB)	ND		6	ug/kg	02/04/22	02/05/22
Dibromomethane	ND		6	ug/kg	02/04/22	02/05/22
1,2-Dichlorobenzene	ND		6	ug/kg	02/04/22	02/05/22
1,3-Dichlorobenzene	ND		6	ug/kg	02/04/22	02/05/22
1,4-Dichlorobenzene	ND		6	ug/kg	02/04/22	02/05/22
1,1-Dichloroethane	ND		6	ug/kg	02/04/22	02/05/22
1,2-Dichloroethane	ND		6	ug/kg	02/04/22	02/05/22
trans-1,2-Dichloroethene	ND		6	ug/kg	02/04/22	02/05/22
cis-1,2-Dichloroethene	ND		6	ug/kg	02/04/22	02/05/22
1,1-Dichloroethene	ND		6	ug/kg	02/04/22	02/05/22
1,2-Dichloropropane	ND		6	ug/kg	02/04/22	02/05/22
2,2-Dichloropropane	ND		6	ug/kg	02/04/22	02/05/22
cis-1,3-Dichloropropene	ND		6	ug/kg	02/04/22	02/05/22
trans-1,3-Dichloropropene	ND		6	ug/kg	02/04/22	02/05/22
1,1-Dichloropropene	ND		6	ug/kg	02/04/22	02/05/22
1,3-Dichloropropene (cis + trans)	ND		6	ug/kg	02/04/22	02/05/22
Diethyl ether	ND		6	ug/kg	02/04/22	02/05/22
1,4-Dioxane	ND		124	ug/kg	02/04/22	02/05/22
Ethylbenzene	ND		6	ug/kg	02/04/22	02/05/22
Hexachlorobutadiene	ND		6	ug/kg	02/04/22	02/05/22
2-Hexanone	ND		6	ug/kg	02/04/22	02/05/22
Isopropylbenzene	ND		6	ug/kg	02/04/22	02/05/22
p-Isopropyltoluene	ND		6	ug/kg	02/04/22	02/05/22
Methylene Chloride	ND		6	ug/kg	02/04/22	02/05/22
4-Methyl-2-pentanone	ND		6	ug/kg	02/04/22	02/05/22

## Results: Volatile Organic Compounds (Continued)

**Sample: TP-17 Fill A 25" (Continued)**

**Lab Number: 2B02020-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		6	ug/kg	02/04/22	02/05/22
n-Propylbenzene	ND		6	ug/kg	02/04/22	02/05/22
Styrene	ND		6	ug/kg	02/04/22	02/05/22
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/04/22	02/05/22
Tetrachloroethene	ND		6	ug/kg	02/04/22	02/05/22
Tetrahydrofuran	ND		6	ug/kg	02/04/22	02/05/22
Toluene	ND		6	ug/kg	02/04/22	02/05/22
1,2,4-Trichlorobenzene	ND		6	ug/kg	02/04/22	02/05/22
1,2,3-Trichlorobenzene	ND		6	ug/kg	02/04/22	02/05/22
1,1,2-Trichloroethane	ND		6	ug/kg	02/04/22	02/05/22
1,1,1-Trichloroethane	ND		6	ug/kg	02/04/22	02/05/22
Trichloroethene	ND		6	ug/kg	02/04/22	02/05/22
1,2,3-Trichloropropane	ND		6	ug/kg	02/04/22	02/05/22
1,3,5-Trimethylbenzene	ND		6	ug/kg	02/04/22	02/05/22
1,2,4-Trimethylbenzene	ND		6	ug/kg	02/04/22	02/05/22
Vinyl Chloride	ND		6	ug/kg	02/04/22	02/05/22
o-Xylene	ND		6	ug/kg	02/04/22	02/05/22
m&p-Xylene	ND		12	ug/kg	02/04/22	02/05/22
Total xylenes	ND		6	ug/kg	02/04/22	02/05/22
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/04/22	02/05/22
tert-Amyl methyl ether	ND		6	ug/kg	02/04/22	02/05/22
1,3-Dichloropropane	ND		6	ug/kg	02/04/22	02/05/22
Ethyl tert-butyl ether	ND		6	ug/kg	02/04/22	02/05/22
Diisopropyl ether	ND		6	ug/kg	02/04/22	02/05/22
Trichlorofluoromethane	ND		6	ug/kg	02/04/22	02/05/22
Dichlorodifluoromethane	ND		6	ug/kg	02/04/22	02/05/22
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>95.1%</i>		<i>70-130</i>		<i>02/04/22</i>	<i>02/05/22</i>
<i>1,2-Dichloroethane-d4</i>	<i>103%</i>		<i>70-130</i>		<i>02/04/22</i>	<i>02/05/22</i>
<i>Toluene-d8</i>	<i>96.6%</i>		<i>70-130</i>		<i>02/04/22</i>	<i>02/05/22</i>

## Results: Volatile Organic Compounds

**Sample: TP-17 Fill B 47"**

**Lab Number: 2B02020-09 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		6	ug/kg	02/04/22	02/05/22
Benzene	ND		6	ug/kg	02/04/22	02/05/22
Bromobenzene	ND		6	ug/kg	02/04/22	02/05/22
Bromochloromethane	ND		6	ug/kg	02/04/22	02/05/22
Bromodichloromethane	ND		6	ug/kg	02/04/22	02/05/22
Bromoform	ND		6	ug/kg	02/04/22	02/05/22
Bromomethane	ND		6	ug/kg	02/04/22	02/05/22
2-Butanone	ND		6	ug/kg	02/04/22	02/05/22
tert-Butyl alcohol	ND		6	ug/kg	02/04/22	02/05/22
sec-Butylbenzene	ND		6	ug/kg	02/04/22	02/05/22
n-Butylbenzene	ND		6	ug/kg	02/04/22	02/05/22
tert-Butylbenzene	ND		6	ug/kg	02/04/22	02/05/22
Methyl t-butyl ether (MTBE)	ND		6	ug/kg	02/04/22	02/05/22
Carbon Disulfide	ND		6	ug/kg	02/04/22	02/05/22
Carbon Tetrachloride	ND		6	ug/kg	02/04/22	02/05/22
Chlorobenzene	ND		6	ug/kg	02/04/22	02/05/22
Chloroethane	ND		6	ug/kg	02/04/22	02/05/22
Chloroform	ND		6	ug/kg	02/04/22	02/05/22
Chloromethane	ND		6	ug/kg	02/04/22	02/05/22
4-Chlorotoluene	ND		6	ug/kg	02/04/22	02/05/22
2-Chlorotoluene	ND		6	ug/kg	02/04/22	02/05/22
1,2-Dibromo-3-chloropropane (DBCP)	ND		6	ug/kg	02/04/22	02/05/22
Dibromochloromethane	ND		6	ug/kg	02/04/22	02/05/22
1,2-Dibromoethane (EDB)	ND		6	ug/kg	02/04/22	02/05/22
Dibromomethane	ND		6	ug/kg	02/04/22	02/05/22
1,2-Dichlorobenzene	ND		6	ug/kg	02/04/22	02/05/22
1,3-Dichlorobenzene	ND		6	ug/kg	02/04/22	02/05/22
1,4-Dichlorobenzene	ND		6	ug/kg	02/04/22	02/05/22
1,1-Dichloroethane	ND		6	ug/kg	02/04/22	02/05/22
1,2-Dichloroethane	ND		6	ug/kg	02/04/22	02/05/22
trans-1,2-Dichloroethene	ND		6	ug/kg	02/04/22	02/05/22
cis-1,2-Dichloroethene	ND		6	ug/kg	02/04/22	02/05/22
1,1-Dichloroethene	ND		6	ug/kg	02/04/22	02/05/22
1,2-Dichloropropane	ND		6	ug/kg	02/04/22	02/05/22
2,2-Dichloropropane	ND		6	ug/kg	02/04/22	02/05/22
cis-1,3-Dichloropropene	ND		6	ug/kg	02/04/22	02/05/22
trans-1,3-Dichloropropene	ND		6	ug/kg	02/04/22	02/05/22
1,1-Dichloropropene	ND		6	ug/kg	02/04/22	02/05/22
1,3-Dichloropropene (cis + trans)	ND		6	ug/kg	02/04/22	02/05/22
Diethyl ether	ND		6	ug/kg	02/04/22	02/05/22
1,4-Dioxane	ND		127	ug/kg	02/04/22	02/05/22
Ethylbenzene	ND		6	ug/kg	02/04/22	02/05/22
Hexachlorobutadiene	ND		6	ug/kg	02/04/22	02/05/22
2-Hexanone	ND		6	ug/kg	02/04/22	02/05/22
Isopropylbenzene	ND		6	ug/kg	02/04/22	02/05/22
p-Isopropyltoluene	ND		6	ug/kg	02/04/22	02/05/22
Methylene Chloride	ND		6	ug/kg	02/04/22	02/05/22
4-Methyl-2-pentanone	ND		6	ug/kg	02/04/22	02/05/22

## Results: Volatile Organic Compounds (Continued)

**Sample: TP-17 Fill B 47" (Continued)**

**Lab Number: 2B02020-09 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		6	ug/kg	02/04/22	02/05/22
n-Propylbenzene	ND		6	ug/kg	02/04/22	02/05/22
Styrene	ND		6	ug/kg	02/04/22	02/05/22
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/04/22	02/05/22
Tetrachloroethene	ND		6	ug/kg	02/04/22	02/05/22
Tetrahydrofuran	ND		6	ug/kg	02/04/22	02/05/22
Toluene	ND		6	ug/kg	02/04/22	02/05/22
1,2,4-Trichlorobenzene	ND		6	ug/kg	02/04/22	02/05/22
1,2,3-Trichlorobenzene	ND		6	ug/kg	02/04/22	02/05/22
1,1,2-Trichloroethane	ND		6	ug/kg	02/04/22	02/05/22
1,1,1-Trichloroethane	ND		6	ug/kg	02/04/22	02/05/22
Trichloroethene	ND		6	ug/kg	02/04/22	02/05/22
1,2,3-Trichloropropane	ND		6	ug/kg	02/04/22	02/05/22
1,3,5-Trimethylbenzene	ND		6	ug/kg	02/04/22	02/05/22
1,2,4-Trimethylbenzene	ND		6	ug/kg	02/04/22	02/05/22
Vinyl Chloride	ND		6	ug/kg	02/04/22	02/05/22
o-Xylene	ND		6	ug/kg	02/04/22	02/05/22
m&p-Xylene	ND		13	ug/kg	02/04/22	02/05/22
Total xylenes	ND		6	ug/kg	02/04/22	02/05/22
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/04/22	02/05/22
tert-Amyl methyl ether	ND		6	ug/kg	02/04/22	02/05/22
1,3-Dichloropropane	ND		6	ug/kg	02/04/22	02/05/22
Ethyl tert-butyl ether	ND		6	ug/kg	02/04/22	02/05/22
Diisopropyl ether	ND		6	ug/kg	02/04/22	02/05/22
Trichlorofluoromethane	ND		6	ug/kg	02/04/22	02/05/22
Dichlorodifluoromethane	ND		6	ug/kg	02/04/22	02/05/22
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>84.5%</i>		<i>70-130</i>		<i>02/04/22</i>	<i>02/05/22</i>
<i>1,2-Dichloroethane-d4</i>	<i>100%</i>		<i>70-130</i>		<i>02/04/22</i>	<i>02/05/22</i>
<i>Toluene-d8</i>	<i>95.0%</i>		<i>70-130</i>		<i>02/04/22</i>	<i>02/05/22</i>

## Results: Semivolatile organic compounds

**Sample: B22-6 Homogeneous (0-10)**

**Lab Number: 2B02020-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		142	ug/kg	02/03/22	02/07/22
1,2-Dichlorobenzene	ND		142	ug/kg	02/03/22	02/07/22
1,3-Dichlorobenzene	ND		142	ug/kg	02/03/22	02/07/22
1,4-Dichlorobenzene	ND		142	ug/kg	02/03/22	02/07/22
Phenol	ND		142	ug/kg	02/03/22	02/07/22
2,4,5-Trichlorophenol	ND		142	ug/kg	02/03/22	02/07/22
2,4,6-Trichlorophenol	ND		142	ug/kg	02/03/22	02/07/22
2,4-Dichlorophenol	ND		142	ug/kg	02/03/22	02/07/22
2,4-Dimethylphenol	ND		361	ug/kg	02/03/22	02/07/22
2,4-Dinitrophenol	ND		361	ug/kg	02/03/22	02/07/22
2,4-Dinitrotoluene	ND		142	ug/kg	02/03/22	02/07/22
2,6-Dinitrotoluene	ND		142	ug/kg	02/03/22	02/07/22
2-Chloronaphthalene	ND		142	ug/kg	02/03/22	02/07/22
2-Chlorophenol	ND		142	ug/kg	02/03/22	02/07/22
2-Methylnaphthalene	ND		142	ug/kg	02/03/22	02/07/22
Nitrobenzene	ND		142	ug/kg	02/03/22	02/07/22
2-Methylphenol	ND		142	ug/kg	02/03/22	02/07/22
2-Nitroaniline	ND		142	ug/kg	02/03/22	02/07/22
2-Nitrophenol	ND		361	ug/kg	02/03/22	02/07/22
3,3'-Dichlorobenzidine	ND		361	ug/kg	02/03/22	02/07/22
3-Nitroaniline	ND		142	ug/kg	02/03/22	02/07/22
4,6-Dinitro-2-methylphenol	ND		361	ug/kg	02/03/22	02/07/22
4-Bromophenyl phenyl ether	ND		142	ug/kg	02/03/22	02/07/22
4-Chloro-3-methylphenol	ND		142	ug/kg	02/03/22	02/07/22
4-Chloroaniline	ND		142	ug/kg	02/03/22	02/07/22
4-Chlorophenyl phenyl ether	ND		142	ug/kg	02/03/22	02/07/22
4-Nitroaniline	ND		142	ug/kg	02/03/22	02/07/22
4-Nitrophenol	ND		361	ug/kg	02/03/22	02/07/22
Acenaphthene	ND		142	ug/kg	02/03/22	02/07/22
Acenaphthylene	ND		142	ug/kg	02/03/22	02/07/22
Aniline	ND		142	ug/kg	02/03/22	02/07/22
Anthracene	ND		142	ug/kg	02/03/22	02/07/22
Benzo(a)anthracene	ND		142	ug/kg	02/03/22	02/07/22
Benzo(a)pyrene	ND		142	ug/kg	02/03/22	02/07/22
Benzo(b)fluoranthene	ND		142	ug/kg	02/03/22	02/07/22
Benzo(g,h,i)perylene	ND		142	ug/kg	02/03/22	02/07/22
Benzo(k)fluoranthene	ND		142	ug/kg	02/03/22	02/07/22
Benzoic acid	ND		1100	ug/kg	02/03/22	02/07/22
Biphenyl	ND		44	ug/kg	02/03/22	02/07/22
Bis(2-chloroethoxy)methane	ND		142	ug/kg	02/03/22	02/07/22
Bis(2-chloroethyl)ether	ND		142	ug/kg	02/03/22	02/07/22
Bis(2-chloroisopropyl)ether	ND		142	ug/kg	02/03/22	02/07/22
Bis(2-ethylhexyl)phthalate	ND		438	ug/kg	02/03/22	02/07/22
Butyl benzyl phthalate	ND		142	ug/kg	02/03/22	02/07/22
Chrysene	ND		142	ug/kg	02/03/22	02/07/22
Di(n)octyl phthalate	ND		219	ug/kg	02/03/22	02/07/22
Dibenz(a,h)anthracene	ND		142	ug/kg	02/03/22	02/07/22
Dibenzofuran	ND		142	ug/kg	02/03/22	02/07/22



## Results: Semivolatile organic compounds (Continued)

**Sample: B22-6 Homogeneous (0-10) (Continued)**

**Lab Number: 2B02020-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		142	ug/kg	02/03/22	02/07/22
Dimethyl phthalate	ND		361	ug/kg	02/03/22	02/07/22
Di-n-butylphthalate	ND		219	ug/kg	02/03/22	02/07/22
Fluoranthene	ND		142	ug/kg	02/03/22	02/07/22
Fluorene	ND		142	ug/kg	02/03/22	02/07/22
Hexachlorobenzene	ND		142	ug/kg	02/03/22	02/07/22
Hexachlorobutadiene	ND		142	ug/kg	02/03/22	02/07/22
Hexachlorocyclopentadiene	ND		361	ug/kg	02/03/22	02/07/22
Hexachloroethane	ND		142	ug/kg	02/03/22	02/07/22
Indeno(1,2,3-cd)pyrene	ND		142	ug/kg	02/03/22	02/07/22
Isophorone	ND		142	ug/kg	02/03/22	02/07/22
Naphthalene	ND		142	ug/kg	02/03/22	02/07/22
N-Nitrosodimethylamine	ND		142	ug/kg	02/03/22	02/07/22
N-Nitrosodi-n-propylamine	ND		142	ug/kg	02/03/22	02/07/22
N-Nitrosodiphenylamine	ND		142	ug/kg	02/03/22	02/07/22
Pentachlorophenol	ND		361	ug/kg	02/03/22	02/07/22
Phenanthrene	ND		142	ug/kg	02/03/22	02/07/22
Pyrene	ND		142	ug/kg	02/03/22	02/07/22
m&p-Cresol	ND		285	ug/kg	02/03/22	02/07/22
Pyridine	ND		142	ug/kg	02/03/22	02/07/22
<hr style="border-top: 1px dashed black;"/>						
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	101%		30-126		02/03/22	02/07/22
<i>p-Terphenyl-d14</i>	133%		47-130		02/03/22	02/07/22
<i>2-Fluorobiphenyl</i>	99.7%		34-130		02/03/22	02/07/22
<i>Phenol-d6</i>	107%		30-130		02/03/22	02/07/22
<i>2,4,6-Tribromophenol</i>	117%		30-130		02/03/22	02/07/22
<i>2-Fluorophenol</i>	105%		30-130		02/03/22	02/07/22

## Results: Semivolatile organic compounds

**Sample: B22-8 Fill S-3 (4-6)**

**Lab Number: 2B02020-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		150	ug/kg	02/03/22	02/07/22
1,2-Dichlorobenzene	ND		150	ug/kg	02/03/22	02/07/22
1,3-Dichlorobenzene	ND		150	ug/kg	02/03/22	02/07/22
1,4-Dichlorobenzene	ND		150	ug/kg	02/03/22	02/07/22
Phenol	ND		150	ug/kg	02/03/22	02/07/22
2,4,5-Trichlorophenol	ND		150	ug/kg	02/03/22	02/07/22
2,4,6-Trichlorophenol	ND		150	ug/kg	02/03/22	02/07/22
2,4-Dichlorophenol	ND		150	ug/kg	02/03/22	02/07/22
2,4-Dimethylphenol	ND		380	ug/kg	02/03/22	02/07/22
2,4-Dinitrophenol	ND		380	ug/kg	02/03/22	02/07/22
2,4-Dinitrotoluene	ND		150	ug/kg	02/03/22	02/07/22
2,6-Dinitrotoluene	ND		150	ug/kg	02/03/22	02/07/22
2-Chloronaphthalene	ND		150	ug/kg	02/03/22	02/07/22
2-Chlorophenol	ND		150	ug/kg	02/03/22	02/07/22
2-Methylnaphthalene	ND		150	ug/kg	02/03/22	02/07/22
Nitrobenzene	ND		150	ug/kg	02/03/22	02/07/22
2-Methylphenol	ND		150	ug/kg	02/03/22	02/07/22
2-Nitroaniline	ND		150	ug/kg	02/03/22	02/07/22
2-Nitrophenol	ND		380	ug/kg	02/03/22	02/07/22
3,3'-Dichlorobenzidine	ND		380	ug/kg	02/03/22	02/07/22
3-Nitroaniline	ND		150	ug/kg	02/03/22	02/07/22
4,6-Dinitro-2-methylphenol	ND		380	ug/kg	02/03/22	02/07/22
4-Bromophenyl phenyl ether	ND		150	ug/kg	02/03/22	02/07/22
4-Chloro-3-methylphenol	ND		150	ug/kg	02/03/22	02/07/22
4-Chloroaniline	ND		150	ug/kg	02/03/22	02/07/22
4-Chlorophenyl phenyl ether	ND		150	ug/kg	02/03/22	02/07/22
4-Nitroaniline	ND		150	ug/kg	02/03/22	02/07/22
4-Nitrophenol	ND		380	ug/kg	02/03/22	02/07/22
<b>Acenaphthene</b>	<b>360</b>		150	ug/kg	02/03/22	02/07/22
Acenaphthylene	ND		150	ug/kg	02/03/22	02/07/22
Aniline	ND		150	ug/kg	02/03/22	02/07/22
<b>Anthracene</b>	<b>535</b>		150	ug/kg	02/03/22	02/07/22
<b>Benzo(a)anthracene</b>	<b>690</b>		150	ug/kg	02/03/22	02/07/22
<b>Benzo(a)pyrene</b>	<b>586</b>		150	ug/kg	02/03/22	02/07/22
<b>Benzo(b)fluoranthene</b>	<b>739</b>		150	ug/kg	02/03/22	02/07/22
<b>Benzo(g,h,i)perylene</b>	<b>444</b>		150	ug/kg	02/03/22	02/07/22
<b>Benzo(k)fluoranthene</b>	<b>294</b>		150	ug/kg	02/03/22	02/07/22
Benzoic acid	ND		1150	ug/kg	02/03/22	02/07/22
Biphenyl	ND		46	ug/kg	02/03/22	02/07/22
Bis(2-chloroethoxy)methane	ND		150	ug/kg	02/03/22	02/07/22
Bis(2-chloroethyl)ether	ND		150	ug/kg	02/03/22	02/07/22
Bis(2-chloroisopropyl)ether	ND		150	ug/kg	02/03/22	02/07/22
Bis(2-ethylhexyl)phthalate	ND		460	ug/kg	02/03/22	02/07/22
Butyl benzyl phthalate	ND		150	ug/kg	02/03/22	02/07/22
<b>Chrysene</b>	<b>645</b>		150	ug/kg	02/03/22	02/07/22
Di(n)octyl phthalate	ND		230	ug/kg	02/03/22	02/07/22
Dibenz(a,h)anthracene	ND		150	ug/kg	02/03/22	02/07/22
Dibenzofuran	ND		150	ug/kg	02/03/22	02/07/22

## Results: Semivolatile organic compounds (Continued)

**Sample: B22-8 Fill S-3 (4-6) (Continued)**

**Lab Number: 2B02020-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		150	ug/kg	02/03/22	02/07/22
Dimethyl phthalate	ND		380	ug/kg	02/03/22	02/07/22
Di-n-butylphthalate	ND		230	ug/kg	02/03/22	02/07/22
<b>Fluoranthene</b>	<b>1730</b>		150	ug/kg	02/03/22	02/07/22
<b>Fluorene</b>	<b>266</b>		150	ug/kg	02/03/22	02/07/22
Hexachlorobenzene	ND		150	ug/kg	02/03/22	02/07/22
Hexachlorobutadiene	ND		150	ug/kg	02/03/22	02/07/22
Hexachlorocyclopentadiene	ND		380	ug/kg	02/03/22	02/07/22
Hexachloroethane	ND		150	ug/kg	02/03/22	02/07/22
<b>Indeno(1,2,3-cd)pyrene</b>	<b>434</b>		150	ug/kg	02/03/22	02/07/22
Isophorone	ND		150	ug/kg	02/03/22	02/07/22
Naphthalene	ND		150	ug/kg	02/03/22	02/07/22
N-Nitrosodimethylamine	ND		150	ug/kg	02/03/22	02/07/22
N-Nitrosodi-n-propylamine	ND		150	ug/kg	02/03/22	02/07/22
N-Nitrosodiphenylamine	ND		150	ug/kg	02/03/22	02/07/22
Pentachlorophenol	ND		380	ug/kg	02/03/22	02/07/22
<b>Phenanthrene</b>	<b>1970</b>		150	ug/kg	02/03/22	02/07/22
<b>Pyrene</b>	<b>1860</b>		150	ug/kg	02/03/22	02/07/22
m&p-Cresol	ND		299	ug/kg	02/03/22	02/07/22
Pyridine	ND		150	ug/kg	02/03/22	02/07/22
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	75.6%		30-126		02/03/22	02/07/22
<i>p-Terphenyl-d14</i>	128%		47-130		02/03/22	02/07/22
<i>2-Fluorobiphenyl</i>	91.9%		34-130		02/03/22	02/07/22
<i>Phenol-d6</i>	94.9%		30-130		02/03/22	02/07/22
<i>2,4,6-Tribromophenol</i>	111%		30-130		02/03/22	02/07/22
<i>2-Fluorophenol</i>	92.7%		30-130		02/03/22	02/07/22

## Results: Semivolatile organic compounds

**Sample: B22-8 Natural Soils S-5 (8-10)**

**Lab Number: 2B02020-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		139	ug/kg	02/03/22	02/07/22
1,2-Dichlorobenzene	ND		139	ug/kg	02/03/22	02/07/22
1,3-Dichlorobenzene	ND		139	ug/kg	02/03/22	02/07/22
1,4-Dichlorobenzene	ND		139	ug/kg	02/03/22	02/07/22
Phenol	ND		139	ug/kg	02/03/22	02/07/22
2,4,5-Trichlorophenol	ND		139	ug/kg	02/03/22	02/07/22
2,4,6-Trichlorophenol	ND		139	ug/kg	02/03/22	02/07/22
2,4-Dichlorophenol	ND		139	ug/kg	02/03/22	02/07/22
2,4-Dimethylphenol	ND		352	ug/kg	02/03/22	02/07/22
2,4-Dinitrophenol	ND		352	ug/kg	02/03/22	02/07/22
2,4-Dinitrotoluene	ND		139	ug/kg	02/03/22	02/07/22
2,6-Dinitrotoluene	ND		139	ug/kg	02/03/22	02/07/22
2-Chloronaphthalene	ND		139	ug/kg	02/03/22	02/07/22
2-Chlorophenol	ND		139	ug/kg	02/03/22	02/07/22
2-Methylnaphthalene	ND		139	ug/kg	02/03/22	02/07/22
Nitrobenzene	ND		139	ug/kg	02/03/22	02/07/22
2-Methylphenol	ND		139	ug/kg	02/03/22	02/07/22
2-Nitroaniline	ND		139	ug/kg	02/03/22	02/07/22
2-Nitrophenol	ND		352	ug/kg	02/03/22	02/07/22
3,3'-Dichlorobenzidine	ND		352	ug/kg	02/03/22	02/07/22
3-Nitroaniline	ND		139	ug/kg	02/03/22	02/07/22
4,6-Dinitro-2-methylphenol	ND		352	ug/kg	02/03/22	02/07/22
4-Bromophenyl phenyl ether	ND		139	ug/kg	02/03/22	02/07/22
4-Chloro-3-methylphenol	ND		139	ug/kg	02/03/22	02/07/22
4-Chloroaniline	ND		139	ug/kg	02/03/22	02/07/22
4-Chlorophenyl phenyl ether	ND		139	ug/kg	02/03/22	02/07/22
4-Nitroaniline	ND		139	ug/kg	02/03/22	02/07/22
4-Nitrophenol	ND		352	ug/kg	02/03/22	02/07/22
Acenaphthene	ND		139	ug/kg	02/03/22	02/07/22
Acenaphthylene	ND		139	ug/kg	02/03/22	02/07/22
Aniline	ND		139	ug/kg	02/03/22	02/07/22
Anthracene	ND		139	ug/kg	02/03/22	02/07/22
Benzo(a)anthracene	ND		139	ug/kg	02/03/22	02/07/22
Benzo(a)pyrene	ND		139	ug/kg	02/03/22	02/07/22
Benzo(b)fluoranthene	ND		139	ug/kg	02/03/22	02/07/22
Benzo(g,h,i)perylene	ND		139	ug/kg	02/03/22	02/07/22
Benzo(k)fluoranthene	ND		139	ug/kg	02/03/22	02/07/22
Benzoic acid	ND		1070	ug/kg	02/03/22	02/07/22
Biphenyl	ND		43	ug/kg	02/03/22	02/07/22
Bis(2-chloroethoxy)methane	ND		139	ug/kg	02/03/22	02/07/22
Bis(2-chloroethyl)ether	ND		139	ug/kg	02/03/22	02/07/22
Bis(2-chloroisopropyl)ether	ND		139	ug/kg	02/03/22	02/07/22
Bis(2-ethylhexyl)phthalate	ND		426	ug/kg	02/03/22	02/07/22
Butyl benzyl phthalate	ND		139	ug/kg	02/03/22	02/07/22
Chrysene	ND		139	ug/kg	02/03/22	02/07/22
Di(n)octyl phthalate	ND		213	ug/kg	02/03/22	02/07/22
Dibenz(a,h)anthracene	ND		139	ug/kg	02/03/22	02/07/22
Dibenzofuran	ND		139	ug/kg	02/03/22	02/07/22

## Results: Semivolatile organic compounds (Continued)

**Sample: B22-8 Natural Soils S-5 (8-10) (Continued)**

**Lab Number: 2B02020-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		139	ug/kg	02/03/22	02/07/22
Dimethyl phthalate	ND		352	ug/kg	02/03/22	02/07/22
Di-n-butylphthalate	ND		213	ug/kg	02/03/22	02/07/22
Fluoranthene	ND		139	ug/kg	02/03/22	02/07/22
Fluorene	ND		139	ug/kg	02/03/22	02/07/22
Hexachlorobenzene	ND		139	ug/kg	02/03/22	02/07/22
Hexachlorobutadiene	ND		139	ug/kg	02/03/22	02/07/22
Hexachlorocyclopentadiene	ND		352	ug/kg	02/03/22	02/07/22
Hexachloroethane	ND		139	ug/kg	02/03/22	02/07/22
Indeno(1,2,3-cd)pyrene	ND		139	ug/kg	02/03/22	02/07/22
Isophorone	ND		139	ug/kg	02/03/22	02/07/22
Naphthalene	ND		139	ug/kg	02/03/22	02/07/22
N-Nitrosodimethylamine	ND		139	ug/kg	02/03/22	02/07/22
N-Nitrosodi-n-propylamine	ND		139	ug/kg	02/03/22	02/07/22
N-Nitrosodiphenylamine	ND		139	ug/kg	02/03/22	02/07/22
Pentachlorophenol	ND		352	ug/kg	02/03/22	02/07/22
Phenanthrene	ND		139	ug/kg	02/03/22	02/07/22
Pyrene	ND		139	ug/kg	02/03/22	02/07/22
m&p-Cresol	ND		277	ug/kg	02/03/22	02/07/22
Pyridine	ND		139	ug/kg	02/03/22	02/07/22
<hr/>						
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	87.7%		30-126		02/03/22	02/07/22
<i>p-Terphenyl-d14</i>	130%		47-130		02/03/22	02/07/22
<i>2-Fluorobiphenyl</i>	90.1%		34-130		02/03/22	02/07/22
<i>Phenol-d6</i>	91.7%		30-130		02/03/22	02/07/22
<i>2,4,6-Tribromophenol</i>	102%		30-130		02/03/22	02/07/22
<i>2-Fluorophenol</i>	88.3%		30-130		02/03/22	02/07/22

## Results: Semivolatile organic compounds

**Sample: TP-6 Fill A 18"**

**Lab Number: 2B02020-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		149	ug/kg	02/03/22	02/07/22
1,2-Dichlorobenzene	ND		149	ug/kg	02/03/22	02/07/22
1,3-Dichlorobenzene	ND		149	ug/kg	02/03/22	02/07/22
1,4-Dichlorobenzene	ND		149	ug/kg	02/03/22	02/07/22
Phenol	ND		149	ug/kg	02/03/22	02/07/22
2,4,5-Trichlorophenol	ND		149	ug/kg	02/03/22	02/07/22
2,4,6-Trichlorophenol	ND		149	ug/kg	02/03/22	02/07/22
2,4-Dichlorophenol	ND		149	ug/kg	02/03/22	02/07/22
2,4-Dimethylphenol	ND		377	ug/kg	02/03/22	02/07/22
2,4-Dinitrophenol	ND		377	ug/kg	02/03/22	02/07/22
2,4-Dinitrotoluene	ND		149	ug/kg	02/03/22	02/07/22
2,6-Dinitrotoluene	ND		149	ug/kg	02/03/22	02/07/22
2-Chloronaphthalene	ND		149	ug/kg	02/03/22	02/07/22
2-Chlorophenol	ND		149	ug/kg	02/03/22	02/07/22
2-Methylnaphthalene	ND		149	ug/kg	02/03/22	02/07/22
Nitrobenzene	ND		149	ug/kg	02/03/22	02/07/22
2-Methylphenol	ND		149	ug/kg	02/03/22	02/07/22
2-Nitroaniline	ND		149	ug/kg	02/03/22	02/07/22
2-Nitrophenol	ND		377	ug/kg	02/03/22	02/07/22
3,3'-Dichlorobenzidine	ND		377	ug/kg	02/03/22	02/07/22
3-Nitroaniline	ND		149	ug/kg	02/03/22	02/07/22
4,6-Dinitro-2-methylphenol	ND		377	ug/kg	02/03/22	02/07/22
4-Bromophenyl phenyl ether	ND		149	ug/kg	02/03/22	02/07/22
4-Chloro-3-methylphenol	ND		149	ug/kg	02/03/22	02/07/22
4-Chloroaniline	ND		149	ug/kg	02/03/22	02/07/22
4-Chlorophenyl phenyl ether	ND		149	ug/kg	02/03/22	02/07/22
4-Nitroaniline	ND		149	ug/kg	02/03/22	02/07/22
4-Nitrophenol	ND		377	ug/kg	02/03/22	02/07/22
Acenaphthene	ND		149	ug/kg	02/03/22	02/07/22
Acenaphthylene	ND		149	ug/kg	02/03/22	02/07/22
Aniline	ND		149	ug/kg	02/03/22	02/07/22
Anthracene	ND		149	ug/kg	02/03/22	02/07/22
Benzo(a)anthracene	ND		149	ug/kg	02/03/22	02/07/22
Benzo(a)pyrene	ND		149	ug/kg	02/03/22	02/07/22
Benzo(b)fluoranthene	ND		149	ug/kg	02/03/22	02/07/22
Benzo(g,h,i)perylene	ND		149	ug/kg	02/03/22	02/07/22
Benzo(k)fluoranthene	ND		149	ug/kg	02/03/22	02/07/22
Benzoic acid	ND		1140	ug/kg	02/03/22	02/07/22
Biphenyl	ND		46	ug/kg	02/03/22	02/07/22
Bis(2-chloroethoxy)methane	ND		149	ug/kg	02/03/22	02/07/22
Bis(2-chloroethyl)ether	ND		149	ug/kg	02/03/22	02/07/22
Bis(2-chloroisopropyl)ether	ND		149	ug/kg	02/03/22	02/07/22
Bis(2-ethylhexyl)phthalate	ND		458	ug/kg	02/03/22	02/07/22
Butyl benzyl phthalate	ND		149	ug/kg	02/03/22	02/07/22
Chrysene	ND		149	ug/kg	02/03/22	02/07/22
Di(n)octyl phthalate	ND		229	ug/kg	02/03/22	02/07/22
Dibenz(a,h)anthracene	ND		149	ug/kg	02/03/22	02/07/22
Dibenzofuran	ND		149	ug/kg	02/03/22	02/07/22

## Results: Semivolatile organic compounds (Continued)

**Sample: TP-6 Fill A 18" (Continued)**

**Lab Number: 2B02020-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		149	ug/kg	02/03/22	02/07/22
Dimethyl phthalate	ND		377	ug/kg	02/03/22	02/07/22
Di-n-butylphthalate	ND		229	ug/kg	02/03/22	02/07/22
Fluoranthene	ND		149	ug/kg	02/03/22	02/07/22
Fluorene	ND		149	ug/kg	02/03/22	02/07/22
Hexachlorobenzene	ND		149	ug/kg	02/03/22	02/07/22
Hexachlorobutadiene	ND		149	ug/kg	02/03/22	02/07/22
Hexachlorocyclopentadiene	ND		377	ug/kg	02/03/22	02/07/22
Hexachloroethane	ND		149	ug/kg	02/03/22	02/07/22
Indeno(1,2,3-cd)pyrene	ND		149	ug/kg	02/03/22	02/07/22
Isophorone	ND		149	ug/kg	02/03/22	02/07/22
Naphthalene	ND		149	ug/kg	02/03/22	02/07/22
N-Nitrosodimethylamine	ND		149	ug/kg	02/03/22	02/07/22
N-Nitrosodi-n-propylamine	ND		149	ug/kg	02/03/22	02/07/22
N-Nitrosodiphenylamine	ND		149	ug/kg	02/03/22	02/07/22
Pentachlorophenol	ND		377	ug/kg	02/03/22	02/07/22
Phenanthrene	ND		149	ug/kg	02/03/22	02/07/22
Pyrene	ND		149	ug/kg	02/03/22	02/07/22
m&p-Cresol	ND		297	ug/kg	02/03/22	02/07/22
Pyridine	ND		149	ug/kg	02/03/22	02/07/22
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Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	93.8%		30-126		02/03/22	02/07/22
<i>p-Terphenyl-d14</i>	133%		47-130		02/03/22	02/07/22
<i>2-Fluorobiphenyl</i>	94.9%		34-130		02/03/22	02/07/22
<i>Phenol-d6</i>	101%		30-130		02/03/22	02/07/22
<i>2,4,6-Tribromophenol</i>	115%		30-130		02/03/22	02/07/22
<i>2-Fluorophenol</i>	99.8%		30-130		02/03/22	02/07/22

## Results: Semivolatile organic compounds

**Sample: TP-6 C Layer 36"**

**Lab Number: 2B02020-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		144	ug/kg	02/03/22	02/07/22
1,2-Dichlorobenzene	ND		144	ug/kg	02/03/22	02/07/22
1,3-Dichlorobenzene	ND		144	ug/kg	02/03/22	02/07/22
1,4-Dichlorobenzene	ND		144	ug/kg	02/03/22	02/07/22
Phenol	ND		144	ug/kg	02/03/22	02/07/22
2,4,5-Trichlorophenol	ND		144	ug/kg	02/03/22	02/07/22
2,4,6-Trichlorophenol	ND		144	ug/kg	02/03/22	02/07/22
2,4-Dichlorophenol	ND		144	ug/kg	02/03/22	02/07/22
2,4-Dimethylphenol	ND		366	ug/kg	02/03/22	02/07/22
2,4-Dinitrophenol	ND		366	ug/kg	02/03/22	02/07/22
2,4-Dinitrotoluene	ND		144	ug/kg	02/03/22	02/07/22
2,6-Dinitrotoluene	ND		144	ug/kg	02/03/22	02/07/22
2-Chloronaphthalene	ND		144	ug/kg	02/03/22	02/07/22
2-Chlorophenol	ND		144	ug/kg	02/03/22	02/07/22
2-Methylnaphthalene	ND		144	ug/kg	02/03/22	02/07/22
Nitrobenzene	ND		144	ug/kg	02/03/22	02/07/22
2-Methylphenol	ND		144	ug/kg	02/03/22	02/07/22
2-Nitroaniline	ND		144	ug/kg	02/03/22	02/07/22
2-Nitrophenol	ND		366	ug/kg	02/03/22	02/07/22
3,3'-Dichlorobenzidine	ND		366	ug/kg	02/03/22	02/07/22
3-Nitroaniline	ND		144	ug/kg	02/03/22	02/07/22
4,6-Dinitro-2-methylphenol	ND		366	ug/kg	02/03/22	02/07/22
4-Bromophenyl phenyl ether	ND		144	ug/kg	02/03/22	02/07/22
4-Chloro-3-methylphenol	ND		144	ug/kg	02/03/22	02/07/22
4-Chloroaniline	ND		144	ug/kg	02/03/22	02/07/22
4-Chlorophenyl phenyl ether	ND		144	ug/kg	02/03/22	02/07/22
4-Nitroaniline	ND		144	ug/kg	02/03/22	02/07/22
4-Nitrophenol	ND		366	ug/kg	02/03/22	02/07/22
Acenaphthene	ND		144	ug/kg	02/03/22	02/07/22
Acenaphthylene	ND		144	ug/kg	02/03/22	02/07/22
Aniline	ND		144	ug/kg	02/03/22	02/07/22
Anthracene	ND		144	ug/kg	02/03/22	02/07/22
Benzo(a)anthracene	ND		144	ug/kg	02/03/22	02/07/22
Benzo(a)pyrene	ND		144	ug/kg	02/03/22	02/07/22
Benzo(b)fluoranthene	ND		144	ug/kg	02/03/22	02/07/22
Benzo(g,h,i)perylene	ND		144	ug/kg	02/03/22	02/07/22
Benzo(k)fluoranthene	ND		144	ug/kg	02/03/22	02/07/22
Benzoic acid	ND		1110	ug/kg	02/03/22	02/07/22
Biphenyl	ND		44	ug/kg	02/03/22	02/07/22
Bis(2-chloroethoxy)methane	ND		144	ug/kg	02/03/22	02/07/22
Bis(2-chloroethyl)ether	ND		144	ug/kg	02/03/22	02/07/22
Bis(2-chloroisopropyl)ether	ND		144	ug/kg	02/03/22	02/07/22
Bis(2-ethylhexyl)phthalate	ND		444	ug/kg	02/03/22	02/07/22
Butyl benzyl phthalate	ND		144	ug/kg	02/03/22	02/07/22
Chrysene	ND		144	ug/kg	02/03/22	02/07/22
Di(n)octyl phthalate	ND		222	ug/kg	02/03/22	02/07/22
Dibenz(a,h)anthracene	ND		144	ug/kg	02/03/22	02/07/22
Dibenzofuran	ND		144	ug/kg	02/03/22	02/07/22



## Results: Semivolatile organic compounds (Continued)

**Sample: TP-6 C Layer 36" (Continued)**

**Lab Number: 2B02020-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		144	ug/kg	02/03/22	02/07/22
Dimethyl phthalate	ND		366	ug/kg	02/03/22	02/07/22
Di-n-butylphthalate	ND		222	ug/kg	02/03/22	02/07/22
Fluoranthene	ND		144	ug/kg	02/03/22	02/07/22
Fluorene	ND		144	ug/kg	02/03/22	02/07/22
Hexachlorobenzene	ND		144	ug/kg	02/03/22	02/07/22
Hexachlorobutadiene	ND		144	ug/kg	02/03/22	02/07/22
Hexachlorocyclopentadiene	ND		366	ug/kg	02/03/22	02/07/22
Hexachloroethane	ND		144	ug/kg	02/03/22	02/07/22
Indeno(1,2,3-cd)pyrene	ND		144	ug/kg	02/03/22	02/07/22
Isophorone	ND		144	ug/kg	02/03/22	02/07/22
Naphthalene	ND		144	ug/kg	02/03/22	02/07/22
N-Nitrosodimethylamine	ND		144	ug/kg	02/03/22	02/07/22
N-Nitrosodi-n-propylamine	ND		144	ug/kg	02/03/22	02/07/22
N-Nitrosodiphenylamine	ND		144	ug/kg	02/03/22	02/07/22
Pentachlorophenol	ND		366	ug/kg	02/03/22	02/07/22
Phenanthrene	ND		144	ug/kg	02/03/22	02/07/22
Pyrene	ND		144	ug/kg	02/03/22	02/07/22
m&p-Cresol	ND		289	ug/kg	02/03/22	02/07/22
Pyridine	ND		144	ug/kg	02/03/22	02/07/22
<hr style="border-top: 1px dashed black;"/>						
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	93.7%		30-126		02/03/22	02/07/22
<i>p-Terphenyl-d14</i>	132%		47-130		02/03/22	02/07/22
<i>2-Fluorobiphenyl</i>	94.5%		34-130		02/03/22	02/07/22
<i>Phenol-d6</i>	99.9%		30-130		02/03/22	02/07/22
<i>2,4,6-Tribromophenol</i>	103%		30-130		02/03/22	02/07/22
<i>2-Fluorophenol</i>	99.0%		30-130		02/03/22	02/07/22

## Results: Semivolatile organic compounds

**Sample: TP-17 Fill A 25"**

**Lab Number: 2B02020-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		134	ug/kg	02/03/22	02/07/22
1,2-Dichlorobenzene	ND		134	ug/kg	02/03/22	02/07/22
1,3-Dichlorobenzene	ND		134	ug/kg	02/03/22	02/07/22
1,4-Dichlorobenzene	ND		134	ug/kg	02/03/22	02/07/22
Phenol	ND		134	ug/kg	02/03/22	02/07/22
2,4,5-Trichlorophenol	ND		134	ug/kg	02/03/22	02/07/22
2,4,6-Trichlorophenol	ND		134	ug/kg	02/03/22	02/07/22
2,4-Dichlorophenol	ND		134	ug/kg	02/03/22	02/07/22
2,4-Dimethylphenol	ND		341	ug/kg	02/03/22	02/07/22
2,4-Dinitrophenol	ND		341	ug/kg	02/03/22	02/07/22
2,4-Dinitrotoluene	ND		134	ug/kg	02/03/22	02/07/22
2,6-Dinitrotoluene	ND		134	ug/kg	02/03/22	02/07/22
2-Chloronaphthalene	ND		134	ug/kg	02/03/22	02/07/22
2-Chlorophenol	ND		134	ug/kg	02/03/22	02/07/22
2-Methylnaphthalene	ND		134	ug/kg	02/03/22	02/07/22
Nitrobenzene	ND		134	ug/kg	02/03/22	02/07/22
2-Methylphenol	ND		134	ug/kg	02/03/22	02/07/22
2-Nitroaniline	ND		134	ug/kg	02/03/22	02/07/22
2-Nitrophenol	ND		341	ug/kg	02/03/22	02/07/22
3,3'-Dichlorobenzidine	ND		341	ug/kg	02/03/22	02/07/22
3-Nitroaniline	ND		134	ug/kg	02/03/22	02/07/22
4,6-Dinitro-2-methylphenol	ND		341	ug/kg	02/03/22	02/07/22
4-Bromophenyl phenyl ether	ND		134	ug/kg	02/03/22	02/07/22
4-Chloro-3-methylphenol	ND		134	ug/kg	02/03/22	02/07/22
4-Chloroaniline	ND		134	ug/kg	02/03/22	02/07/22
4-Chlorophenyl phenyl ether	ND		134	ug/kg	02/03/22	02/07/22
4-Nitroaniline	ND		134	ug/kg	02/03/22	02/07/22
4-Nitrophenol	ND		341	ug/kg	02/03/22	02/07/22
Acenaphthene	ND		134	ug/kg	02/03/22	02/07/22
Acenaphthylene	ND		134	ug/kg	02/03/22	02/07/22
Aniline	ND		134	ug/kg	02/03/22	02/07/22
Anthracene	ND		134	ug/kg	02/03/22	02/07/22
Benzo(a)anthracene	ND		134	ug/kg	02/03/22	02/07/22
Benzo(a)pyrene	ND		134	ug/kg	02/03/22	02/07/22
<b>Benzo(b)fluoranthene</b>	<b>146</b>		134	ug/kg	02/03/22	02/07/22
Benzo(g,h,i)perylene	ND		134	ug/kg	02/03/22	02/07/22
Benzo(k)fluoranthene	ND		134	ug/kg	02/03/22	02/07/22
Benzoic acid	ND		1030	ug/kg	02/03/22	02/07/22
Biphenyl	ND		41	ug/kg	02/03/22	02/07/22
Bis(2-chloroethoxy)methane	ND		134	ug/kg	02/03/22	02/07/22
Bis(2-chloroethyl)ether	ND		134	ug/kg	02/03/22	02/07/22
Bis(2-chloroisopropyl)ether	ND		134	ug/kg	02/03/22	02/07/22
Bis(2-ethylhexyl)phthalate	ND		413	ug/kg	02/03/22	02/07/22
Butyl benzyl phthalate	ND		134	ug/kg	02/03/22	02/07/22
Chrysene	ND		134	ug/kg	02/03/22	02/07/22
Di(n)octyl phthalate	ND		207	ug/kg	02/03/22	02/07/22
Dibenz(a,h)anthracene	ND		134	ug/kg	02/03/22	02/07/22
Dibenzofuran	ND		134	ug/kg	02/03/22	02/07/22

## Results: Semivolatile organic compounds (Continued)

**Sample: TP-17 Fill A 25" (Continued)**

**Lab Number: 2B02020-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		134	ug/kg	02/03/22	02/07/22
Dimethyl phthalate	ND		341	ug/kg	02/03/22	02/07/22
Di-n-butylphthalate	ND		207	ug/kg	02/03/22	02/07/22
<b>Fluoranthene</b>	<b>245</b>		134	ug/kg	02/03/22	02/07/22
Fluorene	ND		134	ug/kg	02/03/22	02/07/22
Hexachlorobenzene	ND		134	ug/kg	02/03/22	02/07/22
Hexachlorobutadiene	ND		134	ug/kg	02/03/22	02/07/22
Hexachlorocyclopentadiene	ND		341	ug/kg	02/03/22	02/07/22
Hexachloroethane	ND		134	ug/kg	02/03/22	02/07/22
Indeno(1,2,3-cd)pyrene	ND		134	ug/kg	02/03/22	02/07/22
Isophorone	ND		134	ug/kg	02/03/22	02/07/22
Naphthalene	ND		134	ug/kg	02/03/22	02/07/22
N-Nitrosodimethylamine	ND		134	ug/kg	02/03/22	02/07/22
N-Nitrosodi-n-propylamine	ND		134	ug/kg	02/03/22	02/07/22
N-Nitrosodiphenylamine	ND		134	ug/kg	02/03/22	02/07/22
Pentachlorophenol	ND		341	ug/kg	02/03/22	02/07/22
<b>Phenanthrene</b>	<b>207</b>		134	ug/kg	02/03/22	02/07/22
<b>Pyrene</b>	<b>236</b>		134	ug/kg	02/03/22	02/07/22
m&p-Cresol	ND		269	ug/kg	02/03/22	02/07/22
Pyridine	ND		134	ug/kg	02/03/22	02/07/22
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	95.4%		30-126		02/03/22	02/07/22
<i>p-Terphenyl-d14</i>	132%		47-130		02/03/22	02/07/22
<i>2-Fluorobiphenyl</i>	96.3%		34-130		02/03/22	02/07/22
<i>Phenol-d6</i>	96.4%		30-130		02/03/22	02/07/22
<i>2,4,6-Tribromophenol</i>	106%		30-130		02/03/22	02/07/22
<i>2-Fluorophenol</i>	94.6%		30-130		02/03/22	02/07/22

## Results: Semivolatile organic compounds

**Sample: TP-17 Fill B 47"**

**Lab Number: 2B02020-09 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		162	ug/kg	02/03/22	02/07/22
1,2-Dichlorobenzene	ND		162	ug/kg	02/03/22	02/07/22
1,3-Dichlorobenzene	ND		162	ug/kg	02/03/22	02/07/22
1,4-Dichlorobenzene	ND		162	ug/kg	02/03/22	02/07/22
Phenol	ND		162	ug/kg	02/03/22	02/07/22
2,4,5-Trichlorophenol	ND		162	ug/kg	02/03/22	02/07/22
2,4,6-Trichlorophenol	ND		162	ug/kg	02/03/22	02/07/22
2,4-Dichlorophenol	ND		162	ug/kg	02/03/22	02/07/22
2,4-Dimethylphenol	ND		412	ug/kg	02/03/22	02/07/22
2,4-Dinitrophenol	ND		412	ug/kg	02/03/22	02/07/22
2,4-Dinitrotoluene	ND		162	ug/kg	02/03/22	02/07/22
2,6-Dinitrotoluene	ND		162	ug/kg	02/03/22	02/07/22
2-Chloronaphthalene	ND		162	ug/kg	02/03/22	02/07/22
2-Chlorophenol	ND		162	ug/kg	02/03/22	02/07/22
2-Methylnaphthalene	ND		162	ug/kg	02/03/22	02/07/22
Nitrobenzene	ND		162	ug/kg	02/03/22	02/07/22
2-Methylphenol	ND		162	ug/kg	02/03/22	02/07/22
2-Nitroaniline	ND		162	ug/kg	02/03/22	02/07/22
2-Nitrophenol	ND		412	ug/kg	02/03/22	02/07/22
3,3'-Dichlorobenzidine	ND		412	ug/kg	02/03/22	02/07/22
3-Nitroaniline	ND		162	ug/kg	02/03/22	02/07/22
4,6-Dinitro-2-methylphenol	ND		412	ug/kg	02/03/22	02/07/22
4-Bromophenyl phenyl ether	ND		162	ug/kg	02/03/22	02/07/22
4-Chloro-3-methylphenol	ND		162	ug/kg	02/03/22	02/07/22
4-Chloroaniline	ND		162	ug/kg	02/03/22	02/07/22
4-Chlorophenyl phenyl ether	ND		162	ug/kg	02/03/22	02/07/22
4-Nitroaniline	ND		162	ug/kg	02/03/22	02/07/22
4-Nitrophenol	ND		412	ug/kg	02/03/22	02/07/22
Acenaphthene	ND		162	ug/kg	02/03/22	02/07/22
<b>Acenaphthylene</b>	<b>385</b>		162	ug/kg	02/03/22	02/07/22
Aniline	ND		162	ug/kg	02/03/22	02/07/22
Anthracene	ND		162	ug/kg	02/03/22	02/07/22
Benzo(a)anthracene	ND		162	ug/kg	02/03/22	02/07/22
Benzo(a)pyrene	ND		162	ug/kg	02/03/22	02/07/22
Benzo(b)fluoranthene	ND		162	ug/kg	02/03/22	02/07/22
Benzo(g,h,i)perylene	ND		162	ug/kg	02/03/22	02/07/22
Benzo(k)fluoranthene	ND		162	ug/kg	02/03/22	02/07/22
Benzoic acid	ND		1250	ug/kg	02/03/22	02/07/22
Biphenyl	ND		50	ug/kg	02/03/22	02/07/22
Bis(2-chloroethoxy)methane	ND		162	ug/kg	02/03/22	02/07/22
Bis(2-chloroethyl)ether	ND		162	ug/kg	02/03/22	02/07/22
Bis(2-chloroisopropyl)ether	ND		162	ug/kg	02/03/22	02/07/22
Bis(2-ethylhexyl)phthalate	ND		499	ug/kg	02/03/22	02/07/22
Butyl benzyl phthalate	ND		162	ug/kg	02/03/22	02/07/22
Chrysene	ND		162	ug/kg	02/03/22	02/07/22
Di(n)octyl phthalate	ND		250	ug/kg	02/03/22	02/07/22
Dibenz(a,h)anthracene	ND		162	ug/kg	02/03/22	02/07/22
Dibenzofuran	ND		162	ug/kg	02/03/22	02/07/22

## Results: Semivolatile organic compounds (Continued)

**Sample: TP-17 Fill B 47" (Continued)**

**Lab Number: 2B02020-09 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		162	ug/kg	02/03/22	02/07/22
Dimethyl phthalate	ND		412	ug/kg	02/03/22	02/07/22
Di-n-butylphthalate	ND		250	ug/kg	02/03/22	02/07/22
<b>Fluoranthene</b>	<b>174</b>		162	ug/kg	02/03/22	02/07/22
Fluorene	ND		162	ug/kg	02/03/22	02/07/22
Hexachlorobenzene	ND		162	ug/kg	02/03/22	02/07/22
Hexachlorobutadiene	ND		162	ug/kg	02/03/22	02/07/22
Hexachlorocyclopentadiene	ND		412	ug/kg	02/03/22	02/07/22
Hexachloroethane	ND		162	ug/kg	02/03/22	02/07/22
Indeno(1,2,3-cd)pyrene	ND		162	ug/kg	02/03/22	02/07/22
Isophorone	ND		162	ug/kg	02/03/22	02/07/22
<b>Naphthalene</b>	<b>797</b>		162	ug/kg	02/03/22	02/07/22
N-Nitrosodimethylamine	ND		162	ug/kg	02/03/22	02/07/22
N-Nitrosodi-n-propylamine	ND		162	ug/kg	02/03/22	02/07/22
N-Nitrosodiphenylamine	ND		162	ug/kg	02/03/22	02/07/22
Pentachlorophenol	ND		412	ug/kg	02/03/22	02/07/22
<b>Phenanthrene</b>	<b>219</b>		162	ug/kg	02/03/22	02/07/22
<b>Pyrene</b>	<b>227</b>		162	ug/kg	02/03/22	02/07/22
m&p-Cresol	ND		325	ug/kg	02/03/22	02/07/22
Pyridine	ND		162	ug/kg	02/03/22	02/07/22
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	85.6%		30-126		02/03/22	02/07/22
<i>p-Terphenyl-d14</i>	108%		47-130		02/03/22	02/07/22
<i>2-Fluorobiphenyl</i>	89.3%		34-130		02/03/22	02/07/22
<i>Phenol-d6</i>	88.1%		30-130		02/03/22	02/07/22
<i>2,4,6-Tribromophenol</i>	101%		30-130		02/03/22	02/07/22
<i>2-Fluorophenol</i>	87.4%		30-130		02/03/22	02/07/22

## Results: Polychlorinated Biphenyls (PCBs)

**Sample: B22-6 Homogeneous (0-10)**

**Lab Number: 2B02020-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		73	ug/kg	02/04/22	02/04/22
Aroclor-1221	ND		73	ug/kg	02/04/22	02/04/22
Aroclor-1232	ND		73	ug/kg	02/04/22	02/04/22
Aroclor-1242	ND		73	ug/kg	02/04/22	02/04/22
Aroclor-1248	ND		73	ug/kg	02/04/22	02/04/22
Aroclor-1254	ND		73	ug/kg	02/04/22	02/04/22
Aroclor-1260	ND		73	ug/kg	02/04/22	02/04/22
Aroclor-1262	ND		73	ug/kg	02/04/22	02/04/22
Aroclor-1268	ND		73	ug/kg	02/04/22	02/04/22
PCBs (Total)	ND		73	ug/kg	02/04/22	02/04/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	74.8%		36.2-130		02/04/22	02/04/22
<i>Decachlorobiphenyl (DCBP)</i>	91.6%		43.3-130		02/04/22	02/04/22

## Results: Polychlorinated Biphenyls (PCBs)

**Sample: B22-8 Fill S-3 (4-6)**

**Lab Number: 2B02020-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		76	ug/kg	02/04/22	02/04/22
Aroclor-1221	ND		76	ug/kg	02/04/22	02/04/22
Aroclor-1232	ND		76	ug/kg	02/04/22	02/04/22
Aroclor-1242	ND		76	ug/kg	02/04/22	02/04/22
Aroclor-1248	ND		76	ug/kg	02/04/22	02/04/22
Aroclor-1254	ND		76	ug/kg	02/04/22	02/04/22
Aroclor-1260	ND		76	ug/kg	02/04/22	02/04/22
Aroclor-1262	ND		76	ug/kg	02/04/22	02/04/22
Aroclor-1268	ND		76	ug/kg	02/04/22	02/04/22
PCBs (Total)	ND		76	ug/kg	02/04/22	02/04/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	76.8%		36.2-130		02/04/22	02/04/22
<i>Decachlorobiphenyl (DCBP)</i>	78.5%		43.3-130		02/04/22	02/04/22

## Results: Polychlorinated Biphenyls (PCBs)

**Sample: B22-8 Natural Soils S-5 (8-10)**

**Lab Number: 2B02020-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		70	ug/kg	02/04/22	02/04/22
Aroclor-1221	ND		70	ug/kg	02/04/22	02/04/22
Aroclor-1232	ND		70	ug/kg	02/04/22	02/04/22
Aroclor-1242	ND		70	ug/kg	02/04/22	02/04/22
Aroclor-1248	ND		70	ug/kg	02/04/22	02/04/22
Aroclor-1254	ND		70	ug/kg	02/04/22	02/04/22
Aroclor-1260	ND		70	ug/kg	02/04/22	02/04/22
Aroclor-1262	ND		70	ug/kg	02/04/22	02/04/22
Aroclor-1268	ND		70	ug/kg	02/04/22	02/04/22
PCBs (Total)	ND		70	ug/kg	02/04/22	02/04/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	76.3%		36.2-130		02/04/22	02/04/22
<i>Decachlorobiphenyl (DCBP)</i>	96.3%		43.3-130		02/04/22	02/04/22



## Results: Polychlorinated Biphenyls (PCBs)

**Sample: TP-6 Fill A 18"**  
**Lab Number: 2B02020-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		74	ug/kg	02/04/22	02/04/22
Aroclor-1221	ND		74	ug/kg	02/04/22	02/04/22
Aroclor-1232	ND		74	ug/kg	02/04/22	02/04/22
Aroclor-1242	ND		74	ug/kg	02/04/22	02/04/22
Aroclor-1248	ND		74	ug/kg	02/04/22	02/04/22
Aroclor-1254	ND		74	ug/kg	02/04/22	02/04/22
Aroclor-1260	ND		74	ug/kg	02/04/22	02/04/22
Aroclor-1262	ND		74	ug/kg	02/04/22	02/04/22
Aroclor-1268	ND		74	ug/kg	02/04/22	02/04/22
PCBs (Total)	ND		74	ug/kg	02/04/22	02/04/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	85.2%		36.2-130		02/04/22	02/04/22
<i>Decachlorobiphenyl (DCBP)</i>	90.0%		43.3-130		02/04/22	02/04/22

**Results: Polychlorinated Biphenyls (PCBs)****Sample: TP-6 C Layer 36"****Lab Number: 2B02020-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		74	ug/kg	02/04/22	02/04/22
Aroclor-1221	ND		74	ug/kg	02/04/22	02/04/22
Aroclor-1232	ND		74	ug/kg	02/04/22	02/04/22
Aroclor-1242	ND		74	ug/kg	02/04/22	02/04/22
Aroclor-1248	ND		74	ug/kg	02/04/22	02/04/22
Aroclor-1254	ND		74	ug/kg	02/04/22	02/04/22
Aroclor-1260	ND		74	ug/kg	02/04/22	02/04/22
Aroclor-1262	ND		74	ug/kg	02/04/22	02/04/22
Aroclor-1268	ND		74	ug/kg	02/04/22	02/04/22
PCBs (Total)	ND		74	ug/kg	02/04/22	02/04/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	83.1%		36.2-130		02/04/22	02/04/22
<i>Decachlorobiphenyl (DCBP)</i>	85.5%		43.3-130		02/04/22	02/04/22

## Results: Polychlorinated Biphenyls (PCBs)

**Sample: TP-17 Fill A 25"**

**Lab Number: 2B02020-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		71	ug/kg	02/04/22	02/04/22
Aroclor-1221	ND		71	ug/kg	02/04/22	02/04/22
Aroclor-1232	ND		71	ug/kg	02/04/22	02/04/22
Aroclor-1242	ND		71	ug/kg	02/04/22	02/04/22
Aroclor-1248	ND		71	ug/kg	02/04/22	02/04/22
Aroclor-1254	ND		71	ug/kg	02/04/22	02/04/22
Aroclor-1260	ND		71	ug/kg	02/04/22	02/04/22
Aroclor-1262	ND		71	ug/kg	02/04/22	02/04/22
Aroclor-1268	ND		71	ug/kg	02/04/22	02/04/22
PCBs (Total)	ND		71	ug/kg	02/04/22	02/04/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	78.0%		36.2-130		02/04/22	02/04/22
<i>Decachlorobiphenyl (DCBP)</i>	86.0%		43.3-130		02/04/22	02/04/22

## Results: Polychlorinated Biphenyls (PCBs)

**Sample: TP-17 Fill B 47"**

**Lab Number: 2B02020-09 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		87	ug/kg	02/04/22	02/04/22
Aroclor-1221	ND		87	ug/kg	02/04/22	02/04/22
Aroclor-1232	ND		87	ug/kg	02/04/22	02/04/22
Aroclor-1242	ND		87	ug/kg	02/04/22	02/04/22
Aroclor-1248	ND		87	ug/kg	02/04/22	02/04/22
Aroclor-1254	ND		87	ug/kg	02/04/22	02/04/22
Aroclor-1260	ND		87	ug/kg	02/04/22	02/04/22
Aroclor-1262	ND		87	ug/kg	02/04/22	02/04/22
Aroclor-1268	ND		87	ug/kg	02/04/22	02/04/22
PCBs (Total)	ND		87	ug/kg	02/04/22	02/04/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	82.0%		36.2-130		02/04/22	02/04/22
<i>Decachlorobiphenyl (DCBP)</i>	84.2%		43.3-130		02/04/22	02/04/22

**Results: Total Petroleum Hydrocarbons****Sample: B22-6 Homogeneous (0-10)****Lab Number: 2B02020-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		30	mg/kg	02/03/22	02/04/22
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	75.2%		56.5-114		02/03/22	02/04/22

**Results: Total Petroleum Hydrocarbons****Sample: B22-8 Fill S-3 (4-6)****Lab Number: 2B02020-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
<b>Total Petroleum Hydrocarbons</b>	<b>61</b>		30	mg/kg	02/03/22	02/04/22
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>66.5%</i>		<i>56.5-114</i>		02/03/22	02/04/22

**Results: Total Petroleum Hydrocarbons****Sample: B22-8 Natural Soils S-5 (8-10)****Lab Number: 2B02020-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		29	mg/kg	02/03/22	02/04/22
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>64.1%</i>		<i>56.5-114</i>		02/03/22	02/04/22

**Results: Total Petroleum Hydrocarbons**

**Sample: TP-6 Fill A 18"**  
**Lab Number: 2B02020-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		31	mg/kg	02/03/22	02/04/22
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>67.1%</i>		<i>56.5-114</i>		02/03/22	02/04/22



**Results: Total Petroleum Hydrocarbons****Sample: TP-6 C Layer 36"****Lab Number: 2B02020-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		29	mg/kg	02/03/22	02/04/22
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>70.6%</i>		<i>56.5-114</i>		02/03/22	02/04/22

**Results: Total Petroleum Hydrocarbons****Sample: TP-17 Fill A 25"****Lab Number: 2B02020-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		29	mg/kg	02/03/22	02/04/22
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>81.7%</i>		<i>56.5-114</i>		02/03/22	02/04/22

**Results: Total Petroleum Hydrocarbons****Sample: TP-17 Fill B 47"****Lab Number: 2B02020-09 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		36	mg/kg	02/03/22	02/04/22
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>71.3%</i>		<i>56.5-114</i>		02/03/22	02/04/22

## Quality Control

### General Chemistry

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0246 - Flashpoint-EPA 1010A-Mod</b>										
<b>LCS (B2B0246-BS1)</b>										
Flashpoint	81		70	degrees F	80.0		101	90-110		
<b>Duplicate (B2B0246-DUP1)</b>										
Flashpoint	ND		70	degrees F		ND				20
<b>Batch: B2B0254 - Conductivity</b>										
<b>Blank (B2B0254-BLK1)</b>										
Specific Conductance	ND		2.0	uS/cm						
<b>Duplicate (B2B0254-DUP1)</b>										
Specific Conductance	36.4		2.0	uS/cm		36.1			0.828	200
<b>Batch: B2B0256 - pH</b>										
<b>LCS (B2B0256-BS1)</b>										
pH	7.1			SU	7.00		101	0-200		
<b>LCS (B2B0256-BS2)</b>										
pH	7.1			SU	7.00		101	0-200		
<b>Duplicate (B2B0256-DUP1)</b>										
pH	7.7			SU		7.8			0.515	200

**Quality Control  
(Continued)**

**Total Metals**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0182 - Metals Digestion Soils</b>										
<b>Blank (B2B0182-BLK1)</b>										
					Prepared: 02/03/22 Analyzed: 02/08/22					
Arsenic	ND		1.00	mg/kg						
Selenium	ND		1.00	mg/kg						
Lead	ND		0.50	mg/kg						
Chromium	ND		0.50	mg/kg						
Cadmium	ND		0.50	mg/kg						
Barium	ND		0.33	mg/kg						
Silver	ND		1.00	mg/kg						
<b>LCS (B2B0182-BS1)</b>										
					Prepared: 02/03/22 Analyzed: 02/08/22					
Barium	104		0.33	mg/kg	100		104	85-115		
Cadmium	102		0.50	mg/kg	100		102	85-115		
Selenium	19.9		1.00	mg/kg	20.0		99.4	85-115		
Chromium	103		0.50	mg/kg	100		103	85-115		
Lead	99.7		0.50	mg/kg	100		99.7	85-115		
Silver	40.9		1.00	mg/kg	40.0		102	85-115		
Arsenic	20.8		1.00	mg/kg	20.0		104	85-115		
<b>Batch: B2B0190 - Metals Cold-Vapor Mercury</b>										
<b>Blank (B2B0190-BLK1)</b>										
					Prepared: 02/03/22 Analyzed: 02/04/22					
Mercury	ND		0.035	mg/kg						
<b>LCS (B2B0190-BS1)</b>										
					Prepared: 02/03/22 Analyzed: 02/04/22					
Mercury	0.073		0.035	mg/kg	0.0714		102	93-114		

**Quality Control**  
(Continued)

**Volatile Organic Compounds**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0269 - EPA 5035</b>										
<b>Blank (B2B0269-BLK1)</b>					Prepared & Analyzed: 02/04/22					
Acetone	ND		5	ug/kg						
Benzene	ND		5	ug/kg						
Bromobenzene	ND		5	ug/kg						
Bromochloromethane	ND		5	ug/kg						
Bromodichloromethane	ND		5	ug/kg						
Bromoform	ND		5	ug/kg						
Bromomethane	ND		5	ug/kg						
2-Butanone	ND		5	ug/kg						
tert-Butyl alcohol	ND		5	ug/kg						
sec-Butylbenzene	ND		5	ug/kg						
n-Butylbenzene	ND		5	ug/kg						
tert-Butylbenzene	ND		5	ug/kg						
Methyl t-butyl ether (MTBE)	ND		5	ug/kg						
Carbon Disulfide	ND		5	ug/kg						
Carbon Tetrachloride	ND		5	ug/kg						
Chlorobenzene	ND		5	ug/kg						
Chloroethane	ND		5	ug/kg						
Chloroform	ND		5	ug/kg						
Chloromethane	ND		5	ug/kg						
4-Chlorotoluene	ND		5	ug/kg						
2-Chlorotoluene	ND		5	ug/kg						
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg						
Dibromochloromethane	ND		5	ug/kg						
1,2-Dibromoethane (EDB)	ND		5	ug/kg						
Dibromomethane	ND		5	ug/kg						
1,2-Dichlorobenzene	ND		5	ug/kg						
1,3-Dichlorobenzene	ND		5	ug/kg						
1,4-Dichlorobenzene	ND		5	ug/kg						
1,1-Dichloroethane	ND		5	ug/kg						
1,2-Dichloroethane	ND		5	ug/kg						
trans-1,2-Dichloroethene	ND		5	ug/kg						
cis-1,2-Dichloroethene	ND		5	ug/kg						
1,1-Dichloroethene	ND		5	ug/kg						
1,2-Dichloropropane	ND		5	ug/kg						
2,2-Dichloropropane	ND		5	ug/kg						
cis-1,3-Dichloropropene	ND		5	ug/kg						
trans-1,3-Dichloropropene	ND		5	ug/kg						
1,1-Dichloropropene	ND		5	ug/kg						
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg						
Diethyl ether	ND		5	ug/kg						
1,4-Dioxane	ND		100	ug/kg						
Ethylbenzene	ND		5	ug/kg						
Hexachlorobutadiene	ND		5	ug/kg						
2-Hexanone	ND		5	ug/kg						
Isopropylbenzene	ND		5	ug/kg						
p-Isopropyltoluene	ND		5	ug/kg						
Methylene Chloride	ND		5	ug/kg						
4-Methyl-2-pentanone	ND		5	ug/kg						
Naphthalene	ND		5	ug/kg						
n-Propylbenzene	ND		5	ug/kg						
Styrene	ND		5	ug/kg						
1,1,1,2-Tetrachloroethane	ND		5	ug/kg						
Tetrachloroethene	ND		5	ug/kg						
Tetrahydrofuran	ND		5	ug/kg						
Toluene	ND		5	ug/kg						
1,2,4-Trichlorobenzene	ND		5	ug/kg						
1,2,3-Trichlorobenzene	ND		5	ug/kg						

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0269 - EPA 5035 (Continued)</b>										
<b>Blank (B2B0269-BLK1)</b>					Prepared & Analyzed: 02/04/22					
1,1,2-Trichloroethane	ND		5	ug/kg						
1,1,1-Trichloroethane	ND		5	ug/kg						
Trichloroethene	ND		5	ug/kg						
1,2,3-Trichloropropane	ND		5	ug/kg						
1,3,5-Trimethylbenzene	ND		5	ug/kg						
1,2,4-Trimethylbenzene	ND		5	ug/kg						
Vinyl Chloride	ND		5	ug/kg						
o-Xylene	ND		5	ug/kg						
m&p-Xylene	ND		10	ug/kg						
Total xylenes	ND		5	ug/kg						
1,1,2,2-Tetrachloroethane	ND		5	ug/kg						
tert-Amyl methyl ether	ND		5	ug/kg						
1,3-Dichloropropane	ND		5	ug/kg						
Ethyl tert-butyl ether	ND		5	ug/kg						
Diisopropyl ether	ND		5	ug/kg						
Trichlorofluoromethane	ND		5	ug/kg						
Dichlorodifluoromethane	ND		5	ug/kg						
<hr/>										
<i>Surrogate: 4-Bromofluorobenzene</i>			<i>48.9</i>	ug/kg	<i>50.0</i>		<i>97.9</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>50.3</i>	ug/kg	<i>50.0</i>		<i>101</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>49.0</i>	ug/kg	<i>50.0</i>		<i>98.0</i>	<i>70-130</i>		
<hr/>										
<b>LCS (B2B0269-BS1)</b>					Prepared & Analyzed: 02/04/22					
Acetone	56			ug/kg	50.0		112	60-140		
Benzene	52			ug/kg	50.0		103	70-130		
Bromobenzene	53			ug/kg	50.0		105	70-130		
Bromochloromethane	50			ug/kg	50.0		99.1	70-130		
Bromodichloromethane	52			ug/kg	50.0		103	70-130		
Bromoform	52			ug/kg	50.0		105	70-130		
Bromomethane	42			ug/kg	50.0		83.6	60-140		
2-Butanone	57			ug/kg	50.0		113	60-140		
tert-Butyl alcohol	51			ug/kg	50.0		102	70-130		
sec-Butylbenzene	54			ug/kg	50.0		107	70-130		
n-Butylbenzene	56			ug/kg	50.0		111	70-130		
tert-Butylbenzene	54			ug/kg	50.0		107	70-130		
Methyl t-butyl ether (MTBE)	43			ug/kg	50.0		86.8	70-130		
Carbon Disulfide	48			ug/kg	50.0		95.9	50-150		
Carbon Tetrachloride	52			ug/kg	50.0		103	70-130		
Chlorobenzene	52			ug/kg	50.0		104	70-130		
Chloroethane	41			ug/kg	50.0		82.3	60-140		
Chloroform	51			ug/kg	50.0		102	70-130		
Chloromethane	49			ug/kg	50.0		97.5	60-140		
4-Chlorotoluene	53			ug/kg	50.0		107	70-130		
2-Chlorotoluene	53			ug/kg	50.0		107	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	52			ug/kg	50.0		104	70-130		
Dibromochloromethane	51			ug/kg	50.0		102	70-130		
1,2-Dibromoethane (EDB)	52			ug/kg	50.0		104	70-130		
Dibromomethane	49			ug/kg	50.0		98.8	60-140		
1,2-Dichlorobenzene	53			ug/kg	50.0		107	70-130		
1,3-Dichlorobenzene	54			ug/kg	50.0		109	70-130		
1,4-Dichlorobenzene	53			ug/kg	50.0		106	70-130		
1,1-Dichloroethane	52			ug/kg	50.0		105	70-130		
1,2-Dichloroethane	51			ug/kg	50.0		101	70-130		
trans-1,2-Dichloroethene	55			ug/kg	50.0		109	70-130		
cis-1,2-Dichloroethene	56			ug/kg	50.0		112	70-130		
1,1-Dichloroethene	55			ug/kg	50.0		109	70-130		
1,2-Dichloropropane	51			ug/kg	50.0		103	70-130		
2,2-Dichloropropane	54			ug/kg	50.0		108	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0269 - EPA 5035 (Continued)</b>										
<b>LCS (B2B0269-BS1)</b>					Prepared & Analyzed: 02/04/22					
cis-1,3-Dichloropropene	52			ug/kg	50.0		103	70-130		
trans-1,3-Dichloropropene	53			ug/kg	50.0		106	70-130		
1,1-Dichloropropene	55			ug/kg	50.0		110	70-130		
Diethyl ether	44			ug/kg	50.0		88.4	60-140		
1,4-Dioxane	221			ug/kg	250		88.5	0-200		
Ethylbenzene	52			ug/kg	50.0		104	70-130		
Hexachlorobutadiene	55			ug/kg	50.0		109	70-130		
2-Hexanone	49			ug/kg	50.0		98.4	70-130		
Isopropylbenzene	53			ug/kg	50.0		106	70-130		
p-Isopropyltoluene	55			ug/kg	50.0		110	70-130		
Methylene Chloride	24			ug/kg	50.0		47.2	60-140		
4-Methyl-2-pentanone	46			ug/kg	50.0		92.6	70-130		
Naphthalene	52			ug/kg	50.0		105	70-130		
n-Propylbenzene	54			ug/kg	50.0		108	70-130		
Styrene	54			ug/kg	50.0		107	70-130		
1,1,1,2-Tetrachloroethane	53			ug/kg	50.0		105	70-130		
Tetrachloroethene	54			ug/kg	50.0		108	70-130		
Tetrahydrofuran	48			ug/kg	50.0		95.8	50-150		
Toluene	51			ug/kg	50.0		103	70-130		
1,2,4-Trichlorobenzene	56			ug/kg	50.0		112	70-130		
1,2,3-Trichlorobenzene	54			ug/kg	50.0		108	70-130		
1,1,2-Trichloroethane	51			ug/kg	50.0		101	70-130		
1,1,1-Trichloroethane	52			ug/kg	50.0		103	70-130		
Trichloroethene	52			ug/kg	50.0		103	70-130		
1,2,3-Trichloropropane	51			ug/kg	50.0		103	70-130		
1,3,5-Trimethylbenzene	54			ug/kg	50.0		108	70-130		
1,2,4-Trimethylbenzene	54			ug/kg	50.0		108	70-130		
Vinyl Chloride	49			ug/kg	50.0		98.9	60-140		
o-Xylene	53			ug/kg	50.0		107	70-130		
m&p-Xylene	107			ug/kg	100		107	70-130		
1,1,1,2-Tetrachloroethane	50			ug/kg	50.0		99.7	70-130		
tert-Amyl methyl ether	46			ug/kg	50.0		92.4	70-130		
1,3-Dichloropropane	51			ug/kg	50.0		102	70-130		
Ethyl tert-butyl ether	47			ug/kg	50.0		94.0	70-130		
Trichlorofluoromethane	47			ug/kg	50.0		94.3	70-130		
Dichlorodifluoromethane	47			ug/kg	50.0		93.1	60-140		
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Surrogate: 4-Bromofluorobenzene			50.0	ug/kg	50.0		100	70-130		
Surrogate: 1,2-Dichloroethane-d4			53.0	ug/kg	50.0		106	70-130		
Surrogate: Toluene-d8			49.2	ug/kg	50.0		98.3	70-130		



**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0269 - EPA 5035 (Continued)</b>					Prepared & Analyzed: 02/04/22					
<b>LCS Dup (B2B0269-BSD1)</b>										
Acetone	56			ug/kg	50.0		112	60-140	0.768	30
Benzene	57			ug/kg	50.0		113	70-130	9.50	20
Bromobenzene	57			ug/kg	50.0		114	70-130	8.17	20
Bromochloromethane	56			ug/kg	50.0		112	70-130	12.0	20
Bromodichloromethane	56			ug/kg	50.0		111	70-130	7.49	20
Bromoform	56			ug/kg	50.0		112	70-130	6.81	20
Bromomethane	49			ug/kg	50.0		97.8	60-140	15.7	30
2-Butanone	54			ug/kg	50.0		108	60-140	4.24	30
tert-Butyl alcohol	49			ug/kg	50.0		97.2	70-130	4.39	20
sec-Butylbenzene	59			ug/kg	50.0		118	70-130	9.40	20
n-Butylbenzene	60			ug/kg	50.0		120	70-130	7.86	20
tert-Butylbenzene	59			ug/kg	50.0		117	70-130	8.81	20
Methyl t-butyl ether (MTBE)	46			ug/kg	50.0		92.9	70-130	6.84	20
Carbon Disulfide	53			ug/kg	50.0		107	50-150	10.9	40
Carbon Tetrachloride	57			ug/kg	50.0		114	70-130	9.83	20
Chlorobenzene	58			ug/kg	50.0		115	70-130	10.4	20
Chloroethane	40			ug/kg	50.0		80.4	60-140	2.24	30
Chloroform	57			ug/kg	50.0		114	70-130	11.1	20
Chloromethane	49			ug/kg	50.0		97.9	60-140	0.348	30
4-Chlorotoluene	58			ug/kg	50.0		116	70-130	8.11	20
2-Chlorotoluene	57			ug/kg	50.0		115	70-130	7.62	20
1,2-Dibromo-3-chloropropane (DBCP)	55			ug/kg	50.0		109	70-130	5.18	20
Dibromochloromethane	55			ug/kg	50.0		110	70-130	7.39	20
1,2-Dibromoethane (EDB)	55			ug/kg	50.0		109	70-130	4.94	20
Dibromomethane	54			ug/kg	50.0		108	60-140	9.38	30
1,2-Dichlorobenzene	56			ug/kg	50.0		113	70-130	5.72	20
1,3-Dichlorobenzene	58			ug/kg	50.0		116	70-130	6.21	20
1,4-Dichlorobenzene	57			ug/kg	50.0		113	70-130	6.88	20
1,1-Dichloroethane	57			ug/kg	50.0		115	70-130	9.03	20
1,2-Dichloroethane	54			ug/kg	50.0		107	70-130	6.06	20
trans-1,2-Dichloroethene	60			ug/kg	50.0		121	70-130	10.2	20
cis-1,2-Dichloroethene	62			ug/kg	50.0		124	70-130	10.5	20
1,1-Dichloroethene	60			ug/kg	50.0		119	70-130	8.74	20
1,2-Dichloropropane	56			ug/kg	50.0		112	70-130	8.42	20
2,2-Dichloropropane	61			ug/kg	50.0		121	70-130	11.3	20
cis-1,3-Dichloropropene	56			ug/kg	50.0		112	70-130	7.95	20
trans-1,3-Dichloropropene	56			ug/kg	50.0		112	70-130	5.38	20
1,1-Dichloropropene	60			ug/kg	50.0		121	70-130	9.44	20
Diethyl ether	46			ug/kg	50.0		91.6	60-140	3.51	30
1,4-Dioxane	225			ug/kg	250		90.1	0-200	1.73	50
Ethylbenzene	57			ug/kg	50.0		114	70-130	8.65	20
Hexachlorobutadiene	59			ug/kg	50.0		119	70-130	8.32	20
2-Hexanone	50			ug/kg	50.0		101	70-130	2.61	20
Isopropylbenzene	59			ug/kg	50.0		118	70-130	10.7	20
p-Isopropyltoluene	60			ug/kg	50.0		119	70-130	8.11	20
Methylene Chloride	29			ug/kg	50.0		58.1	60-140	20.7	30
4-Methyl-2-pentanone	47			ug/kg	50.0		94.0	70-130	1.52	20
Naphthalene	55			ug/kg	50.0		110	70-130	5.03	20
n-Propylbenzene	59			ug/kg	50.0		117	70-130	8.39	20
Styrene	58			ug/kg	50.0		116	70-130	8.05	20
1,1,1,2-Tetrachloroethane	57			ug/kg	50.0		115	70-130	8.81	20
Tetrachloroethene	59			ug/kg	50.0		117	70-130	7.92	20
Tetrahydrofuran	49			ug/kg	50.0		98.5	50-150	2.70	40
Toluene	57			ug/kg	50.0		114	70-130	10.0	20
1,2,4-Trichlorobenzene	57			ug/kg	50.0		115	70-130	2.79	20
1,2,3-Trichlorobenzene	56			ug/kg	50.0		112	70-130	4.13	20
1,1,2-Trichloroethane	55			ug/kg	50.0		110	70-130	8.81	20

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0269 - EPA 5035 (Continued)</b>										
<b>LCS Dup (B2B0269-BSD1)</b>					Prepared & Analyzed: 02/04/22					
1,1,1-Trichloroethane	57			ug/kg	50.0		113	70-130	9.15	20
Trichloroethene	57			ug/kg	50.0		114	70-130	10.1	20
1,2,3-Trichloropropane	54			ug/kg	50.0		107	70-130	3.89	20
1,3,5-Trimethylbenzene	58			ug/kg	50.0		117	70-130	8.28	20
1,2,4-Trimethylbenzene	59			ug/kg	50.0		118	70-130	8.46	20
Vinyl Chloride	55			ug/kg	50.0		109	60-140	9.75	30
o-Xylene	59			ug/kg	50.0		117	70-130	9.21	20
m&p-Xylene	116			ug/kg	100		116	70-130	8.72	20
1,1,2,2-Tetrachloroethane	53			ug/kg	50.0		107	70-130	6.59	20
tert-Amyl methyl ether	49			ug/kg	50.0		98.1	70-130	5.96	20
1,3-Dichloropropane	55			ug/kg	50.0		109	70-130	6.81	20
Ethyl tert-butyl ether	51			ug/kg	50.0		102	70-130	8.44	20
Trichlorofluoromethane	52			ug/kg	50.0		104	70-130	9.44	20
Dichlorodifluoromethane	51			ug/kg	50.0		101	60-140	8.30	30
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<i>Surrogate: 4-Bromofluorobenzene</i>			<i>51.1</i>	<i>ug/kg</i>	<i>50.0</i>		<i>102</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>53.0</i>	<i>ug/kg</i>	<i>50.0</i>		<i>106</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>49.7</i>	<i>ug/kg</i>	<i>50.0</i>		<i>99.3</i>	<i>70-130</i>		

**Quality Control**  
(Continued)

**Semivolatile organic compounds**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0160 - EPA 3546</b>										
<b>Blank (B2B0160-BLK1)</b>										
					Prepared: 02/03/22 Analyzed: 02/07/22					
1,2,4-Trichlorobenzene	ND		130	ug/kg						
1,2-Dichlorobenzene	ND		130	ug/kg						
1,3-Dichlorobenzene	ND		130	ug/kg						
1,4-Dichlorobenzene	ND		130	ug/kg						
Phenol	ND		130	ug/kg						
2,4,5-Trichlorophenol	ND		130	ug/kg						
2,4,6-Trichlorophenol	ND		130	ug/kg						
2,4-Dichlorophenol	ND		130	ug/kg						
2,4-Dimethylphenol	ND		330	ug/kg						
2,4-Dinitrophenol	ND		330	ug/kg						
2,4-Dinitrotoluene	ND		130	ug/kg						
2,6-Dinitrotoluene	ND		130	ug/kg						
2-Chloronaphthalene	ND		130	ug/kg						
2-Chlorophenol	ND		130	ug/kg						
2-Methylnaphthalene	ND		130	ug/kg						
Nitrobenzene	ND		130	ug/kg						
2-Methylphenol	ND		130	ug/kg						
2-Nitroaniline	ND		130	ug/kg						
2-Nitrophenol	ND		330	ug/kg						
3,3'-Dichlorobenzidine	ND		330	ug/kg						
3-Nitroaniline	ND		130	ug/kg						
4,6-Dinitro-2-methylphenol	ND		330	ug/kg						
4-Bromophenyl phenyl ether	ND		130	ug/kg						
4-Chloro-3-methylphenol	ND		130	ug/kg						
4-Chloroaniline	ND		130	ug/kg						
4-Chlorophenyl phenyl ether	ND		130	ug/kg						
4-Nitroaniline	ND		130	ug/kg						
4-Nitrophenol	ND		330	ug/kg						
Acenaphthene	ND		130	ug/kg						
Acenaphthylene	ND		130	ug/kg						
Aniline	ND		130	ug/kg						
Anthracene	ND		130	ug/kg						
Benzo(a)anthracene	ND		130	ug/kg						
Benzo(a)pyrene	ND		130	ug/kg						
Benzo(b)fluoranthene	ND		130	ug/kg						
Benzo(g,h,i)perylene	ND		130	ug/kg						
Benzo(k)fluoranthene	ND		130	ug/kg						
Benzoic acid	ND		1000	ug/kg						
Biphenyl	ND		40	ug/kg						
Bis(2-chloroethoxy)methane	ND		130	ug/kg						
Bis(2-chloroethyl)ether	ND		130	ug/kg						
Bis(2-chloroisopropyl)ether	ND		130	ug/kg						
Bis(2-ethylhexyl)phthalate	ND		400	ug/kg						
Butyl benzyl phthalate	ND		130	ug/kg						
Chrysene	ND		130	ug/kg						
Di(n)octyl phthalate	ND		200	ug/kg						
Dibenz(a,h)anthracene	ND		130	ug/kg						
Dibenzofuran	ND		130	ug/kg						
Diethyl phthalate	ND		130	ug/kg						
Dimethyl phthalate	ND		330	ug/kg						
Di-n-butylphthalate	ND		200	ug/kg						
Fluoranthene	ND		130	ug/kg						
Fluorene	ND		130	ug/kg						
Hexachlorobenzene	ND		130	ug/kg						
Hexachlorobutadiene	ND		130	ug/kg						
Hexachlorocyclopentadiene	ND		330	ug/kg						
Hexachloroethane	ND		130	ug/kg						

**Quality Control**  
(Continued)

**Semivolatile organic compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0160 - EPA 3546 (Continued)</b>										
<b>Blank (B2B0160-BLK1)</b>										
					Prepared: 02/03/22 Analyzed: 02/07/22					
Indeno(1,2,3-cd)pyrene	ND		130	ug/kg						
Isophorone	ND		130	ug/kg						
Naphthalene	ND		130	ug/kg						
N-Nitrosodimethylamine	ND		130	ug/kg						
N-Nitrosodi-n-propylamine	ND		130	ug/kg						
N-Nitrosodiphenylamine	ND		130	ug/kg						
Pentachlorophenol	ND		330	ug/kg						
Phenanthrene	ND		130	ug/kg						
Pyrene	ND		130	ug/kg						
m&p-Cresol	ND		260	ug/kg						
Pyridine	ND		130	ug/kg						
<i>Surrogate: Nitrobenzene-d5</i>			2930	ug/kg	3330		88.0	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			3910	ug/kg	3330		117	47-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			2900	ug/kg	3330		86.9	34-130		
<i>Surrogate: Phenol-d6</i>			2940	ug/kg	3330		88.3	30-130		
<i>Surrogate: 2,4,6-Tribromophenol</i>			2890	ug/kg	3330		86.8	30-130		
<i>Surrogate: 2-Fluorophenol</i>			2740	ug/kg	3330		82.3	30-130		
<b>LCS (B2B0160-BS1)</b>										
					Prepared: 02/03/22 Analyzed: 02/07/22					
1,2,4-Trichlorobenzene	2860		130	ug/kg	3330		85.8	40-130		
1,2-Dichlorobenzene	2820		130	ug/kg	3330		84.5	40-130		
1,3-Dichlorobenzene	2700		130	ug/kg	3330		81.1	40-130		
1,4-Dichlorobenzene	2750		130	ug/kg	3330		82.5	40-130		
Phenol	3080		130	ug/kg	3330		92.4	40-130		
2,4,5-Trichlorophenol	2730		130	ug/kg	3330		81.8	40-130		
2,4,6-Trichlorophenol	2860		130	ug/kg	3330		85.8	40-130		
2,4-Dichlorophenol	3040		130	ug/kg	3330		91.3	40-130		
2,4-Dimethylphenol	3130		330	ug/kg	3330		93.9	40-130		
2,4-Dinitrotoluene	3400		130	ug/kg	3330		102	40-130		
2,6-Dinitrotoluene	3330		130	ug/kg	3330		100	40-130		
2-Chloronaphthalene	2850		130	ug/kg	3330		85.4	40-130		
2-Chlorophenol	2990		130	ug/kg	3330		89.7	40-130		
2-Methylnaphthalene	2960		130	ug/kg	3330		88.8	40-130		
Nitrobenzene	2960		130	ug/kg	3330		88.9	40-130		
2-Methylphenol	3220		130	ug/kg	3330		96.6	40-130		
2-Nitroaniline	3260		130	ug/kg	3330		97.8	40-130		
2-Nitrophenol	3050		330	ug/kg	3330		91.5	40-130		
3-Nitroaniline	3320		130	ug/kg	3330		99.7	40-130		
4,6-Dinitro-2-methylphenol	1740		330	ug/kg	3330		52.2	40-130		
4-Bromophenyl phenyl ether	3310		130	ug/kg	3330		99.2	40-130		
4-Chloro-3-methylphenol	3340		130	ug/kg	3330		100	40-130		
4-Chlorophenyl phenyl ether	3150		130	ug/kg	3330		94.6	40-130		
4-Nitroaniline	3460		130	ug/kg	3330		104	40-130		
4-Nitrophenol	3390		330	ug/kg	3330		102	40-130		
Acenaphthene	3000		130	ug/kg	3330		90.0	40-130		
Acenaphthylene	2930		130	ug/kg	3330		87.8	40-130		
Anthracene	3000		130	ug/kg	3330		90.0	40-130		
Benzo(a)anthracene	3030		130	ug/kg	3330		90.8	40-130		
Benzo(a)pyrene	3260		130	ug/kg	3330		97.8	40-130		
Benzo(b)fluoranthene	3420		130	ug/kg	3330		103	40-130		
Benzo(g,h,i)perylene	3190		130	ug/kg	3330		95.6	40-130		
Benzo(k)fluoranthene	3500		130	ug/kg	3330		105	40-130		
Biphenyl	801		40	ug/kg	833		96.1	40-130		
Bis(2-chloroethoxy)methane	3290		130	ug/kg	3330		98.7	40-130		
Bis(2-chloroethyl)ether	3130		130	ug/kg	3330		93.9	40-130		
Bis(2-chloroisopropyl)ether	3740		130	ug/kg	3330		112	40-130		
Bis(2-ethylhexyl)phthalate	3860		400	ug/kg	3330		116	40-130		

**Quality Control**  
(Continued)

**Semivolatile organic compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0160 - EPA 3546 (Continued)</b>										
<b>LCS (B2B0160-BS1)</b>										
					Prepared: 02/03/22 Analyzed: 02/07/22					
Butyl benzyl phthalate	3800		130	ug/kg	3330		114	40-130		
Chrysene	3180		130	ug/kg	3330		95.5	40-130		
Di(n)octyl phthalate	4230		200	ug/kg	3330		127	40-130		
Dibenz(a,h)anthracene	3260		130	ug/kg	3330		97.8	40-130		
Dibenzofuran	2920		130	ug/kg	3330		87.7	40-130		
Diethyl phthalate	3120		130	ug/kg	3330		93.5	40-130		
Dimethyl phthalate	3070		330	ug/kg	3330		92.0	40-130		
Di-n-butylphthalate	3230		200	ug/kg	3330		96.9	40-130		
Fluoranthene	3020		130	ug/kg	3330		90.6	40-130		
Fluorene	3080		130	ug/kg	3330		92.4	40-130		
Hexachlorobenzene	3220		130	ug/kg	3330		96.7	40-130		
Hexachlorobutadiene	3090		130	ug/kg	3330		92.6	40-130		
Hexachlorocyclopentadiene	3010		330	ug/kg	3330		90.2	40-130		
Hexachloroethane	2830		130	ug/kg	3330		84.9	40-130		
Indeno(1,2,3-cd)pyrene	3030		130	ug/kg	3330		90.8	40-130		
Isophorone	3190		130	ug/kg	3330		95.6	40-130		
Naphthalene	2890		130	ug/kg	3330		86.7	40-130		
N-Nitrosodimethylamine	2700		130	ug/kg	3330		81.0	40-130		
N-Nitrosodi-n-propylamine	3190		130	ug/kg	3330		95.6	40-130		
N-Nitrosodiphenylamine	4060		130	ug/kg	3330		122	40-130		
Pentachlorophenol	2330		330	ug/kg	3330		69.8	40-130		
Phenanthrene	3050		130	ug/kg	3330		91.5	40-130		
Pyrene	3350		130	ug/kg	3330		100	40-130		
m&p-Cresol	3250		260	ug/kg	3330		97.4	40-130		
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Surrogate: Nitrobenzene-d5			3270	ug/kg	3330		98.1	30-126		
Surrogate: p-Terphenyl-d14			3960	ug/kg	3330		119	47-130		
Surrogate: 2-Fluorobiphenyl			3050	ug/kg	3330		91.5	34-130		
Surrogate: Phenol-d6			3410	ug/kg	3330		102	30-130		
Surrogate: 2,4,6-Tribromophenol			3710	ug/kg	3330		111	30-130		
Surrogate: 2-Fluorophenol			3220	ug/kg	3330		96.7	30-130		

**Quality Control**  
(Continued)

**Semivolatile organic compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0160 - EPA 3546 (Continued)</b>										
<b>LCS Dup (B2B0160-BSD1)</b>										
					Prepared: 02/03/22 Analyzed: 02/07/22					
1,2,4-Trichlorobenzene	2920		130	ug/kg	3330		87.5	40-130	1.98	30
1,2-Dichlorobenzene	2870		130	ug/kg	3330		86.1	40-130	1.97	30
1,3-Dichlorobenzene	2770		130	ug/kg	3330		83.1	40-130	2.41	30
1,4-Dichlorobenzene	2780		130	ug/kg	3330		83.5	40-130	1.18	30
Phenol	3100		130	ug/kg	3330		92.9	40-130	0.453	30
2,4,5-Trichlorophenol	2780		130	ug/kg	3330		83.5	40-130	2.01	30
2,4,6-Trichlorophenol	2850		130	ug/kg	3330		85.4	40-130	0.444	30
2,4-Dichlorophenol	3100		130	ug/kg	3330		92.9	40-130	1.69	30
2,4-Dimethylphenol	3130		330	ug/kg	3330		94.0	40-130	0.106	30
2,4-Dinitrotoluene	3370		130	ug/kg	3330		101	40-130	0.670	30
2,6-Dinitrotoluene	3320		130	ug/kg	3330		99.5	40-130	0.501	30
2-Chloronaphthalene	2840		130	ug/kg	3330		85.2	40-130	0.281	30
2-Chlorophenol	3020		130	ug/kg	3330		90.7	40-130	1.04	30
2-Methylnaphthalene	2950		130	ug/kg	3330		88.5	40-130	0.293	30
Nitrobenzene	2980		130	ug/kg	3330		89.3	40-130	0.427	30
2-Methylphenol	3200		130	ug/kg	3330		95.9	40-130	0.727	30
2-Nitroaniline	3190		130	ug/kg	3330		95.8	40-130	2.02	30
2-Nitrophenol	2990		330	ug/kg	3330		89.6	40-130	2.01	30
3-Nitroaniline	3340		130	ug/kg	3330		100	40-130	0.620	30
4,6-Dinitro-2-methylphenol	1700		330	ug/kg	3330		50.9	40-130	2.37	30
4-Bromophenyl phenyl ether	3240		130	ug/kg	3330		97.3	40-130	1.95	30
4-Chloro-3-methylphenol	3310		130	ug/kg	3330		99.3	40-130	0.922	30
4-Chlorophenyl phenyl ether	3130		130	ug/kg	3330		93.9	40-130	0.785	30
4-Nitroaniline	3480		130	ug/kg	3330		104	40-130	0.634	30
4-Nitrophenol	3440		330	ug/kg	3330		103	40-130	1.54	30
Acenaphthene	3000		130	ug/kg	3330		90.1	40-130	0.155	30
Acenaphthylene	2920		130	ug/kg	3330		87.6	40-130	0.160	30
Anthracene	2970		130	ug/kg	3330		89.1	40-130	0.960	30
Benzo(a)anthracene	3060		130	ug/kg	3330		91.7	40-130	0.921	30
Benzo(a)pyrene	3290		130	ug/kg	3330		98.6	40-130	0.794	30
Benzo(b)fluoranthene	3360		130	ug/kg	3330		101	40-130	1.65	30
Benzo(g,h,i)perylene	3200		130	ug/kg	3330		95.9	40-130	0.334	30
Benzo(k)fluoranthene	3520		130	ug/kg	3330		106	40-130	0.512	30
Biphenyl	795		40	ug/kg	833		95.4	40-130	0.752	30
Bis(2-chloroethoxy)methane	3250		130	ug/kg	3330		97.6	40-130	1.18	30
Bis(2-chloroethyl)ether	3130		130	ug/kg	3330		93.9	40-130	0.0213	30
Bis(2-chloroisopropyl)ether	3740		130	ug/kg	3330		112	40-130	0.214	30
Bis(2-ethylhexyl)phthalate	3850		400	ug/kg	3330		116	40-130	0.207	30
Butyl benzyl phthalate	3790		130	ug/kg	3330		114	40-130	0.351	30
Chrysene	3190		130	ug/kg	3330		95.6	40-130	0.105	30
Di(n)octyl phthalate	4210		200	ug/kg	3330		126	40-130	0.395	30
Dibenz(a,h)anthracene	3190		130	ug/kg	3330		95.6	40-130	2.28	30
Dibenzofuran	2930		130	ug/kg	3330		88.0	40-130	0.296	30
Diethyl phthalate	3140		130	ug/kg	3330		94.2	40-130	0.724	30
Dimethyl phthalate	3070		330	ug/kg	3330		92.1	40-130	0.152	30
Di-n-butylphthalate	3230		200	ug/kg	3330		96.9	40-130	0.0619	30
Fluoranthene	2970		130	ug/kg	3330		89.2	40-130	1.58	30
Fluorene	3070		130	ug/kg	3330		92.0	40-130	0.434	30
Hexachlorobenzene	3210		130	ug/kg	3330		96.3	40-130	0.456	30
Hexachlorobutadiene	3040		130	ug/kg	3330		91.2	40-130	1.59	30
Hexachlorocyclopentadiene	3080		330	ug/kg	3330		92.5	40-130	2.54	30
Hexachloroethane	2800		130	ug/kg	3330		84.1	40-130	0.971	30
Indeno(1,2,3-cd)pyrene	3040		130	ug/kg	3330		91.3	40-130	0.571	30
Isophorone	3130		130	ug/kg	3330		93.9	40-130	1.75	30
Naphthalene	2890		130	ug/kg	3330		86.8	40-130	0.138	30
N-Nitrosodimethylamine	2660		130	ug/kg	3330		79.9	40-130	1.39	30
N-Nitrosodi-n-propylamine	3230		130	ug/kg	3330		97.0	40-130	1.45	30

**Quality Control**  
(Continued)

**Semivolatile organic compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0160 - EPA 3546 (Continued)</b>										
<b>LCS Dup (B2B0160-BSD1)</b>					Prepared: 02/03/22 Analyzed: 02/07/22					
N-Nitrosodiphenylamine	4030		130	ug/kg	3330		121	40-130	0.808	30
Pentachlorophenol	2370		330	ug/kg	3330		71.0	40-130	1.70	30
Phenanthrene	3010		130	ug/kg	3330		90.2	40-130	1.50	30
Pyrene	3360		130	ug/kg	3330		101	40-130	0.358	30
m&p-Cresol	3280		260	ug/kg	3330		98.4	40-130	1.00	30
<hr/>										
<i>Surrogate: Nitrobenzene-d5</i>			<i>3280</i>	<i>ug/kg</i>	<i>3330</i>		<i>98.4</i>	<i>30-126</i>		
<i>Surrogate: p-Terphenyl-d14</i>			<i>3980</i>	<i>ug/kg</i>	<i>3330</i>		<i>119</i>	<i>47-130</i>		
<i>Surrogate: 2-Fluorobiphenyl</i>			<i>3100</i>	<i>ug/kg</i>	<i>3330</i>		<i>92.9</i>	<i>34-130</i>		
<i>Surrogate: Phenol-d6</i>			<i>3380</i>	<i>ug/kg</i>	<i>3330</i>		<i>101</i>	<i>30-130</i>		
<i>Surrogate: 2,4,6-Tribromophenol</i>			<i>3710</i>	<i>ug/kg</i>	<i>3330</i>		<i>111</i>	<i>30-130</i>		
<i>Surrogate: 2-Fluorophenol</i>			<i>3260</i>	<i>ug/kg</i>	<i>3330</i>		<i>97.7</i>	<i>30-130</i>		

**Quality Control**  
(Continued)

**Polychlorinated Biphenyls (PCBs)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0199 - EPA 3546</b>										
<b>Blank (B2B0199-BLK1)</b>					Prepared & Analyzed: 02/04/22					
Aroclor-1016	ND		26	ug/kg						
Aroclor-1221	ND		26	ug/kg						
Aroclor-1232	ND		26	ug/kg						
Aroclor-1242	ND		26	ug/kg						
Aroclor-1248	ND		26	ug/kg						
Aroclor-1254	ND		26	ug/kg						
Aroclor-1260	ND		26	ug/kg						
Aroclor-1262	ND		26	ug/kg						
Aroclor-1268	ND		26	ug/kg						
PCBs (Total)	ND		26	ug/kg						
<i>Surrogate: 2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>			3.87	ug/kg	5.33		72.7	36.2-130		
<i>Surrogate: Decachlorobiphenyl (DCBP)</i>			4.45	ug/kg	5.33		83.4	43.3-130		
<b>LCS (B2B0199-BS1)</b>					Prepared & Analyzed: 02/04/22					
Aroclor-1016	43		26	ug/kg	66.7		63.9	58.2-125		
Aroclor-1260	50		26	ug/kg	66.7		74.9	65.5-130		
<i>Surrogate: 2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>			4.42	ug/kg	5.33		82.9	36.2-130		
<i>Surrogate: Decachlorobiphenyl (DCBP)</i>			4.93	ug/kg	5.33		92.4	43.3-130		
<b>LCS Dup (B2B0199-BSD1)</b>					Prepared & Analyzed: 02/04/22					
Aroclor-1016	47		26	ug/kg	66.7		71.0	58.2-125	10.5	20
Aroclor-1260	53		26	ug/kg	66.7		80.2	65.5-130	6.92	20
<i>Surrogate: 2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>			3.85	ug/kg	5.33		72.1	36.2-130		
<i>Surrogate: Decachlorobiphenyl (DCBP)</i>			4.97	ug/kg	5.33		93.2	43.3-130		



**Quality Control**  
(Continued)

**Total Petroleum Hydrocarbons**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0166 - EPA 3546</b>										
<b>Blank (B2B0166-BLK1)</b>										
					Prepared: 02/03/22 Analyzed: 02/04/22					
Total Petroleum Hydrocarbons	ND		27	mg/kg						
-----										
Surrogate: Chlorooctadecane			6.12	mg/kg	8.33		73.5	56.5-114		
<b>LCS (B2B0166-BS1)</b>										
					Prepared: 02/03/22 Analyzed: 02/04/22					
Total Petroleum Hydrocarbons	351		27	mg/kg	667		52.6	44.7-125		
-----										
Surrogate: Chlorooctadecane			6.27	mg/kg	8.33		75.2	56.5-114		
<b>LCS Dup (B2B0166-BSD1)</b>										
					Prepared: 02/03/22 Analyzed: 02/04/22					
Total Petroleum Hydrocarbons	415		27	mg/kg	667		62.3	44.7-125	16.9	200
-----										
Surrogate: Chlorooctadecane			6.90	mg/kg	8.33		82.8	56.5-114		

## Notes and Definitions

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



2 B O 2020

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

PROJ NO	PROJECT NAME/LOCATION	CLIENT	REPORT TO	INVOICE TO	DATE	TIME	SAMPLE I.D.	SCORING		SOIL	OTHER	NO OF CONTAINERS	TESTS										REMARKS	
								A	B				VOC's (H./hex)	PCB's	TFH BLOC	PCRB BLOC	PH/IGNITABILITY/TOXICITY	MACOMM.97 PARAMETERS AT GROUP PRICE						
21106.00		S/L/AM Collaborative / Rogers HS / Newport, RI			2/1/22		B22-6 S-3 "FILL" (4'-6")	X		X		3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	no debris present
					2/1/22		B22-6 S-5 "NATURAL SOILS" (8'-10")	X		X		3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	no debris present
					2/1/22		B22-6 "HOMOGENEOUS" (0'-10")	X		X		1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	no debris present
					2/2/22		B22-8 "FILL" S-3 (4'-6")	X		X		4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	no debris present
					2/2/22		B22-8 "NATURAL SOILS" S-5 (8'-10")	X		X		4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	no debris present
					2/1/22		TP-6 FILL A 18"	X		X		4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	no debris present
					2/1/22		TP-6 CLAYER 36"	X		X		4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	no debris present
					2/2/22		TP-17 FILL A 25"	X		X		4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	no debris present
					2/2/22		TP-17 FILL B 47"	X		X		4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	no debris present

PH/IGNITABILITY/TOXICITY

MACOMM.97 PARAMETERS AT GROUP PRICE

MUST MEET RIDE M RPEC LIMIT

no debris present

no debris present

no debris present

no debris present

no debris present

Special Instructions:  
List Specific Detection Limit Requirements:

Laboratory Remarks:  
Temp. received Cooled

Date/Time 2/2/22 12:00

Received by (Signature) Jussy Salloum

Date/Time 2/2/22 2:22

Relinquished by (Signature) Jussy Salloum

Date/Time 2/2/22 2:22

Relinquished by (Signature) Jussy Salloum

Turnaround (Business Days)

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



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

## REPORT OF ANALYTICAL RESULTS

**NETLAB Work Order Number: 2C02068**  
**Client Project: 21106.00 - Rogers High School, Newport, RI**

Report Date: 17-March-2022

Prepared for:

Michael Flynn  
Pare Corporation  
8 Blackstone Valley Place  
Lincoln, RI 02865

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

**Samples Submitted :**

The samples listed below were submitted to New England Testing Laboratory on 03/02/22. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is 2C02068. Custody records are included in this report.

<b>Lab ID</b>	<b>Sample</b>	<b>Matrix</b>	<b>Date Sampled</b>	<b>Date Received</b>
2C02068-01	TP-3 Fill A 17"	Soil	03/01/2022	03/02/2022
2C02068-02	TP-3 C Layer 30"	Soil	03/01/2022	03/02/2022
2C02068-03	TP-4 Fill A 18"	Soil	03/01/2022	03/02/2022
2C02068-04	TP-11 Fill A 26"	Soil	03/01/2022	03/02/2022
2C02068-05	TP-11 C Layer 58"	Soil	03/01/2022	03/02/2022
2C02068-06	TP-11 C Layer 58" (FD)	Soil	03/01/2022	03/02/2022
2C02068-07	TP-14 Fill A 18"	Soil	03/01/2022	03/02/2022
2C02068-08	TP-14 C Layer 28"	Soil	03/01/2022	03/02/2022

## ***Request for Analysis***

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

### **TP-11 C Layer 58" (Lab Number: 2C02068-05)**

#### **Analysis**

Arsenic  
Barium  
Cadmium  
Chromium  
Flashpoint  
Lead  
Mercury  
PCBs  
pH  
Selenium  
Semivolatile Organic Compounds  
Silver  
Specific Conductance  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 1010A-Mod  
EPA 6010C  
EPA 7471B  
EPA 8082A  
SM4500-H-B (11)  
EPA 6010C  
EPA 8270D  
EPA 6010C  
EPA 9010A--modified  
EPA-8100-mod  
EPA 8260C

### **TP-11 C Layer 58" (FD) (Lab Number: 2C02068-06)**

#### **Analysis**

Arsenic  
Barium  
Cadmium  
Chromium  
Flashpoint  
Lead  
Mercury  
PCBs  
pH  
Selenium  
Semivolatile Organic Compounds  
Silver  
Specific Conductance  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 1010A-Mod  
EPA 6010C  
EPA 7471B  
EPA 8082A  
SM4500-H-B (11)  
EPA 6010C  
EPA 8270D  
EPA 6010C  
EPA 9010A--modified  
EPA-8100-mod  
EPA 8260C

### **TP-11 Fill A 26" (Lab Number: 2C02068-04)**

#### **Analysis**

Arsenic  
Barium  
Cadmium  
Chromium  
Flashpoint  
Lead  
Mercury  
PCBs  
pH  
Selenium  
Semivolatile Organic Compounds  
Silver  
Specific Conductance

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 1010A-Mod  
EPA 6010C  
EPA 7471B  
EPA 8082A  
SM4500-H-B (11)  
EPA 6010C  
EPA 8270D  
EPA 6010C  
EPA 9010A--modified

## ***Request for Analysis (continued)***

### **TP-11 Fill A 26" (Lab Number: 2C02068-04) (continued)**

#### **Analysis**

TCLP Lead  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA-8100-mod  
EPA 8260C

### **TP-14 C Layer 28" (Lab Number: 2C02068-08)**

#### **Analysis**

Arsenic  
Barium  
Cadmium  
Chromium  
Flashpoint  
Lead  
Mercury  
PCBs  
pH  
Selenium  
Semivolatile Organic Compounds  
Silver  
Specific Conductance  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 1010A-Mod  
EPA 6010C  
EPA 7471B  
EPA 8082A  
SM4500-H-B (11)  
EPA 6010C  
EPA 8270D  
EPA 6010C  
EPA 9010A--modified  
EPA-8100-mod  
EPA 8260C

### **TP-14 Fill A 18" (Lab Number: 2C02068-07)**

#### **Analysis**

Arsenic  
Barium  
Cadmium  
Chromium  
Flashpoint  
Lead  
Mercury  
PCBs  
pH  
Selenium  
Semivolatile Organic Compounds  
Silver  
Specific Conductance  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 1010A-Mod  
EPA 6010C  
EPA 7471B  
EPA 8082A  
SM4500-H-B (11)  
EPA 6010C  
EPA 8270D  
EPA 6010C  
EPA 9010A--modified  
EPA-8100-mod  
EPA 8260C

## ***Request for Analysis (continued)***

### **TP-3 C Layer 30" (Lab Number: 2C02068-02)**

#### **Analysis**

Arsenic  
Barium  
Cadmium  
Chromium  
Flashpoint  
Lead  
Mercury  
PCBs  
pH  
Selenium  
Semivolatile Organic Compounds  
Silver  
Specific Conductance  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 1010A-Mod  
EPA 6010C  
EPA 7471B  
EPA 8082A  
SM4500-H-B (11)  
EPA 6010C  
EPA 8270D  
EPA 6010C  
EPA 9010A--modified  
EPA-8100-mod  
EPA 8260C

### **TP-3 Fill A 17" (Lab Number: 2C02068-01)**

#### **Analysis**

Arsenic  
Barium  
Cadmium  
Chromium  
Flashpoint  
Lead  
Mercury  
PCBs  
pH  
Selenium  
Semivolatile Organic Compounds  
Silver  
Specific Conductance  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 1010A-Mod  
EPA 6010C  
EPA 7471B  
EPA 8082A  
SM4500-H-B (11)  
EPA 6010C  
EPA 8270D  
EPA 6010C  
EPA 9010A--modified  
EPA-8100-mod  
EPA 8260C

### **TP-4 Fill A 18" (Lab Number: 2C02068-03)**

#### **Analysis**

Arsenic  
Barium  
Cadmium  
Chromium  
Flashpoint  
Lead  
Mercury  
PCBs  
pH  
Selenium  
Semivolatile Organic Compounds  
Silver  
Specific Conductance  
TCLP Lead  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 1010A-Mod  
EPA 6010C  
EPA 7471B  
EPA 8082A  
SM4500-H-B (11)  
EPA 6010C  
EPA 8270D  
EPA 6010C  
EPA 9010A--modified  
EPA 6010C  
EPA-8100-mod  
EPA 8260C



## **Method References**

*Reactive Cyanide, Standard Operating Procedure 407*, New England Testing Laboratory Inc.

*Standard Methods for the Examination of Water and Wastewater, 20th Edition*, APHA/ AWWA-WPCF, 1998

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

## Case Narrative

### Sample Receipt:

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

Exceptions: None

### Analysis:

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

Exceptions: None

**Results: General Chemistry****Sample: TP-3 Fill A 17"**  
**Lab Number: 2C02068-01 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
Flashpoint	> 200		70	degrees F	03/09/22	03/09/22
<b>pH</b>	<b>5.9</b>			SU	03/08/22	03/08/22
<b>Specific Conductance</b>	<b>3.3</b>		2.0	uS/cm	03/03/22	03/03/22

**Results: General Chemistry****Sample: TP-3 C Layer 30"****Lab Number: 2C02068-02 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
Flashpoint	> 200		70	degrees F	03/09/22	03/09/22
<b>pH</b>	<b>5.9</b>			SU	03/08/22	03/08/22
<b>Specific Conductance</b>	<b>2.3</b>		2.0	uS/cm	03/03/22	03/03/22

**Results: General Chemistry****Sample: TP-4 Fill A 18"**  
**Lab Number: 2C02068-03 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
Flashpoint	> 200		70	degrees F	03/09/22	03/09/22
<b>pH</b>	<b>5.5</b>			SU	03/08/22	03/08/22
<b>Specific Conductance</b>	<b>3.2</b>		2.0	uS/cm	03/03/22	03/03/22

**Results: General Chemistry****Sample: TP-11 Fill A 26"****Lab Number: 2C02068-04 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
Flashpoint	> 200		70	degrees F	03/09/22	03/09/22
<b>pH</b>	<b>6.5</b>			SU	03/08/22	03/08/22
<b>Specific Conductance</b>	<b>9.0</b>		2.0	uS/cm	03/03/22	03/03/22

**Results: General Chemistry****Sample: TP-11 C Layer 58"****Lab Number: 2C02068-05 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
Flashpoint	> 200		70	degrees F	03/09/22	03/09/22
<b>pH</b>	<b>5.8</b>			SU	03/08/22	03/08/22
<b>Specific Conductance</b>	<b>4.8</b>		2.0	uS/cm	03/03/22	03/03/22

**Results: General Chemistry****Sample: TP-11 C Layer 58" (FD)****Lab Number: 2C02068-06 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
Flashpoint	> 200		70	degrees F	03/09/22	03/09/22
<b>pH</b>	<b>6.0</b>			SU	03/08/22	03/08/22
<b>Specific Conductance</b>	<b>5.8</b>		2.0	uS/cm	03/03/22	03/03/22



**Results: General Chemistry****Sample: TP-14 Fill A 18"****Lab Number: 2C02068-07 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
Flashpoint	> 200		70	degrees F	03/09/22	03/09/22
<b>pH</b>	<b>5.3</b>			SU	03/08/22	03/08/22
<b>Specific Conductance</b>	<b>2.1</b>		2.0	uS/cm	03/03/22	03/03/22

**Results: General Chemistry****Sample: TP-14 C Layer 28"****Lab Number: 2C02068-08 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
Flashpoint	> 200		70	degrees F	03/09/22	03/09/22
<b>pH</b>	<b>5.5</b>			SU	03/08/22	03/08/22
<b>Specific Conductance</b>	<b>2.9</b>		2.0	uS/cm	03/03/22	03/03/22

**Results: Total Metals**

**Sample: TP-3 Fill A 17"**  
**Lab Number: 2C02068-01 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
<b>Arsenic</b>	<b>3.29</b>		0.36	mg/kg	03/03/22	03/08/22
<b>Barium</b>	<b>18.5</b>		0.12	mg/kg	03/03/22	03/08/22
<b>Cadmium</b>	<b>1.43</b>		0.18	mg/kg	03/03/22	03/08/22
<b>Chromium</b>	<b>7.61</b>		0.18	mg/kg	03/03/22	03/08/22
<b>Lead</b>	<b>65.1</b>		0.18	mg/kg	03/03/22	03/08/22
<b>Mercury</b>	<b>0.028</b>		0.010	mg/kg	03/03/22	03/03/22
Selenium	ND		0.36	mg/kg	03/03/22	03/08/22
Silver	ND		0.36	mg/kg	03/03/22	03/08/22

**Results: Total Metals****Sample: TP-3 C Layer 30"****Lab Number: 2C02068-02 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
<b>Arsenic</b>	<b>7.42</b>		0.97	mg/kg	03/03/22	03/08/22
<b>Barium</b>	<b>42.8</b>		0.32	mg/kg	03/03/22	03/08/22
<b>Cadmium</b>	<b>2.29</b>		0.48	mg/kg	03/03/22	03/08/22
<b>Chromium</b>	<b>12.9</b>		0.48	mg/kg	03/03/22	03/08/22
<b>Lead</b>	<b>18.8</b>		0.48	mg/kg	03/03/22	03/08/22
Mercury	ND		0.028	mg/kg	03/03/22	03/03/22
Selenium	ND		0.97	mg/kg	03/03/22	03/08/22
Silver	ND		0.97	mg/kg	03/03/22	03/08/22

**Results: Total Metals**

**Sample: TP-4 Fill A 18"**  
**Lab Number: 2C02068-03 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
<b>Arsenic</b>	<b>5.65</b>		0.75	mg/kg	03/03/22	03/08/22
<b>Barium</b>	<b>19.5</b>		0.25	mg/kg	03/03/22	03/08/22
<b>Cadmium</b>	<b>2.11</b>		0.37	mg/kg	03/03/22	03/08/22
<b>Chromium</b>	<b>11.6</b>		0.37	mg/kg	03/03/22	03/08/22
<b>Lead</b>	<b>176</b>		0.37	mg/kg	03/03/22	03/08/22
Mercury	ND		0.032	mg/kg	03/03/22	03/03/22
Selenium	ND		0.75	mg/kg	03/03/22	03/08/22
Silver	ND		0.75	mg/kg	03/03/22	03/08/22

**Results: Total Metals****Sample: TP-11 Fill A 26"****Lab Number: 2C02068-04 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
<b>Arsenic</b>	<b>5.10</b>		0.59	mg/kg	03/03/22	03/08/22
<b>Barium</b>	<b>119</b>		0.19	mg/kg	03/03/22	03/08/22
<b>Cadmium</b>	<b>2.06</b>		0.29	mg/kg	03/03/22	03/08/22
<b>Chromium</b>	<b>7.13</b>		0.29	mg/kg	03/03/22	03/08/22
<b>Lead</b>	<b>382</b>		0.29	mg/kg	03/03/22	03/08/22
<b>Mercury</b>	<b>0.505</b>		0.037	mg/kg	03/03/22	03/03/22
Selenium	ND		0.59	mg/kg	03/03/22	03/08/22
Silver	ND		0.59	mg/kg	03/03/22	03/08/22

**Results: Total Metals****Sample: TP-11 C Layer 58"****Lab Number: 2C02068-05 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
<b>Arsenic</b>	<b>5.21</b>		0.78	mg/kg	03/03/22	03/08/22
<b>Barium</b>	<b>34.1</b>		0.26	mg/kg	03/03/22	03/08/22
<b>Cadmium</b>	<b>1.97</b>		0.39	mg/kg	03/03/22	03/08/22
<b>Chromium</b>	<b>12.6</b>		0.39	mg/kg	03/03/22	03/08/22
<b>Lead</b>	<b>30.8</b>		0.39	mg/kg	03/03/22	03/08/22
<b>Mercury</b>	<b>0.089</b>		0.035	mg/kg	03/03/22	03/03/22
Selenium	ND		0.78	mg/kg	03/03/22	03/08/22
Silver	ND		0.78	mg/kg	03/03/22	03/08/22

**Results: Total Metals****Sample: TP-11 C Layer 58" (FD)****Lab Number: 2C02068-06 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
<b>Arsenic</b>	<b>4.81</b>		0.70	mg/kg	03/03/22	03/08/22
<b>Barium</b>	<b>27.0</b>		0.23	mg/kg	03/03/22	03/08/22
<b>Cadmium</b>	<b>1.77</b>		0.35	mg/kg	03/03/22	03/08/22
<b>Chromium</b>	<b>10.6</b>		0.35	mg/kg	03/03/22	03/08/22
<b>Lead</b>	<b>47.6</b>		0.35	mg/kg	03/03/22	03/08/22
<b>Mercury</b>	<b>0.327</b>		0.053	mg/kg	03/03/22	03/03/22
Selenium	ND		0.70	mg/kg	03/03/22	03/08/22
Silver	ND		0.70	mg/kg	03/03/22	03/08/22



**Results: Total Metals****Sample: TP-14 Fill A 18"****Lab Number: 2C02068-07 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
<b>Arsenic</b>	<b>4.63</b>		0.66	mg/kg	03/03/22	03/08/22
<b>Barium</b>	<b>29.9</b>		0.22	mg/kg	03/03/22	03/08/22
<b>Cadmium</b>	<b>1.83</b>		0.33	mg/kg	03/03/22	03/08/22
<b>Chromium</b>	<b>11.6</b>		0.33	mg/kg	03/03/22	03/08/22
<b>Lead</b>	<b>31.3</b>		0.33	mg/kg	03/03/22	03/08/22
<b>Mercury</b>	<b>0.058</b>		0.038	mg/kg	03/03/22	03/03/22
Selenium	ND		0.66	mg/kg	03/03/22	03/08/22
Silver	ND		0.66	mg/kg	03/03/22	03/08/22

**Results: Total Metals****Sample: TP-14 C Layer 28"****Lab Number: 2C02068-08 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
<b>Arsenic</b>	<b>4.90</b>		0.95	mg/kg	03/03/22	03/08/22
<b>Barium</b>	<b>23.0</b>		0.31	mg/kg	03/03/22	03/08/22
<b>Cadmium</b>	<b>2.08</b>		0.48	mg/kg	03/03/22	03/08/22
<b>Chromium</b>	<b>14.4</b>		0.48	mg/kg	03/03/22	03/08/22
<b>Lead</b>	<b>10.7</b>		0.48	mg/kg	03/03/22	03/08/22
Mercury	ND		0.042	mg/kg	03/03/22	03/03/22
Selenium	ND		0.95	mg/kg	03/03/22	03/08/22
Silver	ND		0.95	mg/kg	03/03/22	03/08/22

## Results: Volatile Organic Compounds

**Sample: TP-3 Fill A 17"**

**Lab Number: 2C02068-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		53	ug/kg	03/04/22	03/04/22
Benzene	ND		6	ug/kg	03/04/22	03/04/22
Bromobenzene	ND		6	ug/kg	03/04/22	03/04/22
Bromochloromethane	ND		6	ug/kg	03/04/22	03/04/22
Bromodichloromethane	ND		6	ug/kg	03/04/22	03/04/22
Bromoform	ND		6	ug/kg	03/04/22	03/04/22
Bromomethane	ND		6	ug/kg	03/04/22	03/04/22
2-Butanone	ND		6	ug/kg	03/04/22	03/04/22
tert-Butyl alcohol	ND		6	ug/kg	03/04/22	03/04/22
sec-Butylbenzene	ND		6	ug/kg	03/04/22	03/04/22
n-Butylbenzene	ND		6	ug/kg	03/04/22	03/04/22
tert-Butylbenzene	ND		6	ug/kg	03/04/22	03/04/22
Methyl t-butyl ether (MTBE)	ND		6	ug/kg	03/04/22	03/04/22
Carbon Disulfide	ND		6	ug/kg	03/04/22	03/04/22
Carbon Tetrachloride	ND		6	ug/kg	03/04/22	03/04/22
Chlorobenzene	ND		6	ug/kg	03/04/22	03/04/22
Chloroethane	ND		6	ug/kg	03/04/22	03/04/22
Chloroform	ND		6	ug/kg	03/04/22	03/04/22
Chloromethane	ND		6	ug/kg	03/04/22	03/04/22
4-Chlorotoluene	ND		6	ug/kg	03/04/22	03/04/22
2-Chlorotoluene	ND		6	ug/kg	03/04/22	03/04/22
1,2-Dibromo-3-chloropropane (DBCP)	ND		6	ug/kg	03/04/22	03/04/22
Dibromochloromethane	ND		6	ug/kg	03/04/22	03/04/22
1,2-Dibromoethane (EDB)	ND		6	ug/kg	03/04/22	03/04/22
Dibromomethane	ND		6	ug/kg	03/04/22	03/04/22
1,2-Dichlorobenzene	ND		6	ug/kg	03/04/22	03/04/22
1,3-Dichlorobenzene	ND		6	ug/kg	03/04/22	03/04/22
1,4-Dichlorobenzene	ND		6	ug/kg	03/04/22	03/04/22
1,1-Dichloroethane	ND		6	ug/kg	03/04/22	03/04/22
1,2-Dichloroethane	ND		6	ug/kg	03/04/22	03/04/22
trans-1,2-Dichloroethene	ND		6	ug/kg	03/04/22	03/04/22
cis-1,2-Dichloroethene	ND		6	ug/kg	03/04/22	03/04/22
1,1-Dichloroethene	ND		6	ug/kg	03/04/22	03/04/22
1,2-Dichloropropane	ND		6	ug/kg	03/04/22	03/04/22
2,2-Dichloropropane	ND		6	ug/kg	03/04/22	03/04/22
cis-1,3-Dichloropropene	ND		6	ug/kg	03/04/22	03/04/22
trans-1,3-Dichloropropene	ND		6	ug/kg	03/04/22	03/04/22
1,1-Dichloropropene	ND		6	ug/kg	03/04/22	03/04/22
1,3-Dichloropropene (cis + trans)	ND		6	ug/kg	03/04/22	03/04/22
Diethyl ether	ND		6	ug/kg	03/04/22	03/04/22
1,4-Dioxane	ND		128	ug/kg	03/04/22	03/04/22
Ethylbenzene	ND		6	ug/kg	03/04/22	03/04/22
Hexachlorobutadiene	ND		6	ug/kg	03/04/22	03/04/22
2-Hexanone	ND		6	ug/kg	03/04/22	03/04/22
Isopropylbenzene	ND		6	ug/kg	03/04/22	03/04/22
p-Isopropyltoluene	ND		6	ug/kg	03/04/22	03/04/22
Methylene Chloride	ND		49	ug/kg	03/04/22	03/04/22
4-Methyl-2-pentanone	ND		6	ug/kg	03/04/22	03/04/22

## Results: Volatile Organic Compounds (Continued)

**Sample: TP-3 Fill A 17" (Continued)**

**Lab Number: 2C02068-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		6	ug/kg	03/04/22	03/04/22
n-Propylbenzene	ND		6	ug/kg	03/04/22	03/04/22
Styrene	ND		6	ug/kg	03/04/22	03/04/22
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	03/04/22	03/04/22
Tetrachloroethene	ND		6	ug/kg	03/04/22	03/04/22
Tetrahydrofuran	ND		6	ug/kg	03/04/22	03/04/22
Toluene	ND		6	ug/kg	03/04/22	03/04/22
1,2,4-Trichlorobenzene	ND		6	ug/kg	03/04/22	03/04/22
1,2,3-Trichlorobenzene	ND		6	ug/kg	03/04/22	03/04/22
1,1,2-Trichloroethane	ND		6	ug/kg	03/04/22	03/04/22
1,1,1-Trichloroethane	ND		6	ug/kg	03/04/22	03/04/22
Trichloroethene	ND		6	ug/kg	03/04/22	03/04/22
1,2,3-Trichloropropane	ND		6	ug/kg	03/04/22	03/04/22
1,3,5-Trimethylbenzene	ND		6	ug/kg	03/04/22	03/04/22
1,2,4-Trimethylbenzene	ND		6	ug/kg	03/04/22	03/04/22
Vinyl Chloride	ND		6	ug/kg	03/04/22	03/04/22
o-Xylene	ND		6	ug/kg	03/04/22	03/04/22
m&p-Xylene	ND		13	ug/kg	03/04/22	03/04/22
Total xylenes	ND		6	ug/kg	03/04/22	03/04/22
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	03/04/22	03/04/22
tert-Amyl methyl ether	ND		6	ug/kg	03/04/22	03/04/22
1,3-Dichloropropane	ND		6	ug/kg	03/04/22	03/04/22
Ethyl tert-butyl ether	ND		6	ug/kg	03/04/22	03/04/22
Diisopropyl ether	ND		6	ug/kg	03/04/22	03/04/22
Trichlorofluoromethane	ND		6	ug/kg	03/04/22	03/04/22
Dichlorodifluoromethane	ND		6	ug/kg	03/04/22	03/04/22
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>94.0%</i>		<i>70-130</i>		<i>03/04/22</i>	<i>03/04/22</i>
<i>1,2-Dichloroethane-d4</i>	<i>122%</i>		<i>70-130</i>		<i>03/04/22</i>	<i>03/04/22</i>
<i>Toluene-d8</i>	<i>94.8%</i>		<i>70-130</i>		<i>03/04/22</i>	<i>03/04/22</i>

## Results: Volatile Organic Compounds

**Sample: TP-3 C Layer 30"**

**Lab Number: 2C02068-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		42	ug/kg	03/04/22	03/04/22
Benzene	ND		5	ug/kg	03/04/22	03/04/22
Bromobenzene	ND		5	ug/kg	03/04/22	03/04/22
Bromochloromethane	ND		5	ug/kg	03/04/22	03/04/22
Bromodichloromethane	ND		5	ug/kg	03/04/22	03/04/22
Bromoform	ND		5	ug/kg	03/04/22	03/04/22
Bromomethane	ND		5	ug/kg	03/04/22	03/04/22
2-Butanone	ND		5	ug/kg	03/04/22	03/04/22
tert-Butyl alcohol	ND		5	ug/kg	03/04/22	03/04/22
sec-Butylbenzene	ND		5	ug/kg	03/04/22	03/04/22
n-Butylbenzene	ND		5	ug/kg	03/04/22	03/04/22
tert-Butylbenzene	ND		5	ug/kg	03/04/22	03/04/22
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	03/04/22	03/04/22
Carbon Disulfide	ND		5	ug/kg	03/04/22	03/04/22
Carbon Tetrachloride	ND		5	ug/kg	03/04/22	03/04/22
Chlorobenzene	ND		5	ug/kg	03/04/22	03/04/22
Chloroethane	ND		5	ug/kg	03/04/22	03/04/22
Chloroform	ND		5	ug/kg	03/04/22	03/04/22
Chloromethane	ND		5	ug/kg	03/04/22	03/04/22
4-Chlorotoluene	ND		5	ug/kg	03/04/22	03/04/22
2-Chlorotoluene	ND		5	ug/kg	03/04/22	03/04/22
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	03/04/22	03/04/22
Dibromochloromethane	ND		5	ug/kg	03/04/22	03/04/22
1,2-Dibromoethane (EDB)	ND		5	ug/kg	03/04/22	03/04/22
Dibromomethane	ND		5	ug/kg	03/04/22	03/04/22
1,2-Dichlorobenzene	ND		5	ug/kg	03/04/22	03/04/22
1,3-Dichlorobenzene	ND		5	ug/kg	03/04/22	03/04/22
1,4-Dichlorobenzene	ND		5	ug/kg	03/04/22	03/04/22
1,1-Dichloroethane	ND		5	ug/kg	03/04/22	03/04/22
1,2-Dichloroethane	ND		5	ug/kg	03/04/22	03/04/22
trans-1,2-Dichloroethene	ND		5	ug/kg	03/04/22	03/04/22
cis-1,2-Dichloroethene	ND		5	ug/kg	03/04/22	03/04/22
1,1-Dichloroethene	ND		5	ug/kg	03/04/22	03/04/22
1,2-Dichloropropane	ND		5	ug/kg	03/04/22	03/04/22
2,2-Dichloropropane	ND		5	ug/kg	03/04/22	03/04/22
cis-1,3-Dichloropropene	ND		5	ug/kg	03/04/22	03/04/22
trans-1,3-Dichloropropene	ND		5	ug/kg	03/04/22	03/04/22
1,1-Dichloropropene	ND		5	ug/kg	03/04/22	03/04/22
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	03/04/22	03/04/22
Diethyl ether	ND		5	ug/kg	03/04/22	03/04/22
1,4-Dioxane	ND		108	ug/kg	03/04/22	03/04/22
Ethylbenzene	ND		5	ug/kg	03/04/22	03/04/22
Hexachlorobutadiene	ND		5	ug/kg	03/04/22	03/04/22
2-Hexanone	ND		5	ug/kg	03/04/22	03/04/22
Isopropylbenzene	ND		5	ug/kg	03/04/22	03/04/22
p-Isopropyltoluene	ND		5	ug/kg	03/04/22	03/04/22
Methylene Chloride	ND		5	ug/kg	03/04/22	03/04/22
4-Methyl-2-pentanone	ND		5	ug/kg	03/04/22	03/04/22

## Results: Volatile Organic Compounds (Continued)

**Sample: TP-3 C Layer 30" (Continued)**

**Lab Number: 2C02068-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	03/04/22	03/04/22
n-Propylbenzene	ND		5	ug/kg	03/04/22	03/04/22
Styrene	ND		5	ug/kg	03/04/22	03/04/22
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	03/04/22	03/04/22
Tetrachloroethene	ND		5	ug/kg	03/04/22	03/04/22
Tetrahydrofuran	ND		5	ug/kg	03/04/22	03/04/22
Toluene	ND		5	ug/kg	03/04/22	03/04/22
1,2,4-Trichlorobenzene	ND		5	ug/kg	03/04/22	03/04/22
1,2,3-Trichlorobenzene	ND		5	ug/kg	03/04/22	03/04/22
1,1,2-Trichloroethane	ND		5	ug/kg	03/04/22	03/04/22
1,1,1-Trichloroethane	ND		5	ug/kg	03/04/22	03/04/22
Trichloroethene	ND		5	ug/kg	03/04/22	03/04/22
1,2,3-Trichloropropane	ND		5	ug/kg	03/04/22	03/04/22
1,3,5-Trimethylbenzene	ND		5	ug/kg	03/04/22	03/04/22
1,2,4-Trimethylbenzene	ND		5	ug/kg	03/04/22	03/04/22
Vinyl Chloride	ND		5	ug/kg	03/04/22	03/04/22
o-Xylene	ND		5	ug/kg	03/04/22	03/04/22
m&p-Xylene	ND		11	ug/kg	03/04/22	03/04/22
Total xylenes	ND		5	ug/kg	03/04/22	03/04/22
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	03/04/22	03/04/22
tert-Amyl methyl ether	ND		5	ug/kg	03/04/22	03/04/22
1,3-Dichloropropane	ND		5	ug/kg	03/04/22	03/04/22
Ethyl tert-butyl ether	ND		5	ug/kg	03/04/22	03/04/22
Diisopropyl ether	ND		5	ug/kg	03/04/22	03/04/22
Trichlorofluoromethane	ND		5	ug/kg	03/04/22	03/04/22
Dichlorodifluoromethane	ND		5	ug/kg	03/04/22	03/04/22
<hr/>						
Surrogate(s)	Recovery%		Limits			
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<i>4-Bromofluorobenzene</i>	<i>96.1%</i>		<i>70-130</i>		03/04/22	03/04/22
<i>1,2-Dichloroethane-d4</i>	<i>110%</i>		<i>70-130</i>		03/04/22	03/04/22
<i>Toluene-d8</i>	<i>101%</i>		<i>70-130</i>		03/04/22	03/04/22

## Results: Volatile Organic Compounds

**Sample: TP-4 Fill A 18"**  
**Lab Number: 2C02068-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		16	ug/kg	03/04/22	03/04/22
Benzene	ND		6	ug/kg	03/04/22	03/04/22
Bromobenzene	ND		6	ug/kg	03/04/22	03/04/22
Bromochloromethane	ND		6	ug/kg	03/04/22	03/04/22
Bromodichloromethane	ND		6	ug/kg	03/04/22	03/04/22
Bromoform	ND		6	ug/kg	03/04/22	03/04/22
Bromomethane	ND		6	ug/kg	03/04/22	03/04/22
2-Butanone	ND		6	ug/kg	03/04/22	03/04/22
tert-Butyl alcohol	ND		6	ug/kg	03/04/22	03/04/22
sec-Butylbenzene	ND		6	ug/kg	03/04/22	03/04/22
n-Butylbenzene	ND		6	ug/kg	03/04/22	03/04/22
tert-Butylbenzene	ND		6	ug/kg	03/04/22	03/04/22
Methyl t-butyl ether (MTBE)	ND		6	ug/kg	03/04/22	03/04/22
Carbon Disulfide	ND		6	ug/kg	03/04/22	03/04/22
Carbon Tetrachloride	ND		6	ug/kg	03/04/22	03/04/22
Chlorobenzene	ND		6	ug/kg	03/04/22	03/04/22
Chloroethane	ND		6	ug/kg	03/04/22	03/04/22
Chloroform	ND		6	ug/kg	03/04/22	03/04/22
Chloromethane	ND		6	ug/kg	03/04/22	03/04/22
4-Chlorotoluene	ND		6	ug/kg	03/04/22	03/04/22
2-Chlorotoluene	ND		6	ug/kg	03/04/22	03/04/22
1,2-Dibromo-3-chloropropane (DBCP)	ND		6	ug/kg	03/04/22	03/04/22
Dibromochloromethane	ND		6	ug/kg	03/04/22	03/04/22
1,2-Dibromoethane (EDB)	ND		6	ug/kg	03/04/22	03/04/22
Dibromomethane	ND		6	ug/kg	03/04/22	03/04/22
1,2-Dichlorobenzene	ND		6	ug/kg	03/04/22	03/04/22
1,3-Dichlorobenzene	ND		6	ug/kg	03/04/22	03/04/22
1,4-Dichlorobenzene	ND		6	ug/kg	03/04/22	03/04/22
1,1-Dichloroethane	ND		6	ug/kg	03/04/22	03/04/22
1,2-Dichloroethane	ND		6	ug/kg	03/04/22	03/04/22
trans-1,2-Dichloroethene	ND		6	ug/kg	03/04/22	03/04/22
cis-1,2-Dichloroethene	ND		6	ug/kg	03/04/22	03/04/22
1,1-Dichloroethene	ND		6	ug/kg	03/04/22	03/04/22
1,2-Dichloropropane	ND		6	ug/kg	03/04/22	03/04/22
2,2-Dichloropropane	ND		6	ug/kg	03/04/22	03/04/22
cis-1,3-Dichloropropene	ND		6	ug/kg	03/04/22	03/04/22
trans-1,3-Dichloropropene	ND		6	ug/kg	03/04/22	03/04/22
1,1-Dichloropropene	ND		6	ug/kg	03/04/22	03/04/22
1,3-Dichloropropene (cis + trans)	ND		6	ug/kg	03/04/22	03/04/22
Diethyl ether	ND		6	ug/kg	03/04/22	03/04/22
1,4-Dioxane	ND		116	ug/kg	03/04/22	03/04/22
Ethylbenzene	ND		6	ug/kg	03/04/22	03/04/22
Hexachlorobutadiene	ND		6	ug/kg	03/04/22	03/04/22
2-Hexanone	ND		6	ug/kg	03/04/22	03/04/22
Isopropylbenzene	ND		6	ug/kg	03/04/22	03/04/22
p-Isopropyltoluene	ND		6	ug/kg	03/04/22	03/04/22
Methylene Chloride	ND		6	ug/kg	03/04/22	03/04/22
4-Methyl-2-pentanone	ND		6	ug/kg	03/04/22	03/04/22

## Results: Volatile Organic Compounds (Continued)

**Sample: TP-4 Fill A 18" (Continued)**

**Lab Number: 2C02068-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		6	ug/kg	03/04/22	03/04/22
n-Propylbenzene	ND		6	ug/kg	03/04/22	03/04/22
Styrene	ND		6	ug/kg	03/04/22	03/04/22
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	03/04/22	03/04/22
Tetrachloroethene	ND		6	ug/kg	03/04/22	03/04/22
Tetrahydrofuran	ND		6	ug/kg	03/04/22	03/04/22
Toluene	ND		6	ug/kg	03/04/22	03/04/22
1,2,4-Trichlorobenzene	ND		6	ug/kg	03/04/22	03/04/22
1,2,3-Trichlorobenzene	ND		6	ug/kg	03/04/22	03/04/22
1,1,2-Trichloroethane	ND		6	ug/kg	03/04/22	03/04/22
1,1,1-Trichloroethane	ND		6	ug/kg	03/04/22	03/04/22
Trichloroethene	ND		6	ug/kg	03/04/22	03/04/22
1,2,3-Trichloropropane	ND		6	ug/kg	03/04/22	03/04/22
1,3,5-Trimethylbenzene	ND		6	ug/kg	03/04/22	03/04/22
1,2,4-Trimethylbenzene	ND		6	ug/kg	03/04/22	03/04/22
Vinyl Chloride	ND		6	ug/kg	03/04/22	03/04/22
o-Xylene	ND		6	ug/kg	03/04/22	03/04/22
m&p-Xylene	ND		12	ug/kg	03/04/22	03/04/22
Total xylenes	ND		6	ug/kg	03/04/22	03/04/22
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	03/04/22	03/04/22
tert-Amyl methyl ether	ND		6	ug/kg	03/04/22	03/04/22
1,3-Dichloropropane	ND		6	ug/kg	03/04/22	03/04/22
Ethyl tert-butyl ether	ND		6	ug/kg	03/04/22	03/04/22
Diisopropyl ether	ND		6	ug/kg	03/04/22	03/04/22
Trichlorofluoromethane	ND		6	ug/kg	03/04/22	03/04/22
Dichlorodifluoromethane	ND		6	ug/kg	03/04/22	03/04/22
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Surrogate(s)	Recovery%		Limits			
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<i>4-Bromofluorobenzene</i>	<i>94.1%</i>		<i>70-130</i>		<i>03/04/22</i>	<i>03/04/22</i>
<i>1,2-Dichloroethane-d4</i>	<i>107%</i>		<i>70-130</i>		<i>03/04/22</i>	<i>03/04/22</i>
<i>Toluene-d8</i>	<i>99.5%</i>		<i>70-130</i>		<i>03/04/22</i>	<i>03/04/22</i>



## Results: Volatile Organic Compounds

**Sample: TP-11 Fill A 26"**

**Lab Number: 2C02068-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		7	ug/kg	03/04/22	03/04/22
Benzene	ND		7	ug/kg	03/04/22	03/04/22
Bromobenzene	ND		7	ug/kg	03/04/22	03/04/22
Bromochloromethane	ND		7	ug/kg	03/04/22	03/04/22
Bromodichloromethane	ND		7	ug/kg	03/04/22	03/04/22
Bromoform	ND		7	ug/kg	03/04/22	03/04/22
Bromomethane	ND		7	ug/kg	03/04/22	03/04/22
2-Butanone	ND		7	ug/kg	03/04/22	03/04/22
tert-Butyl alcohol	ND		7	ug/kg	03/04/22	03/04/22
sec-Butylbenzene	ND		7	ug/kg	03/04/22	03/04/22
n-Butylbenzene	ND		7	ug/kg	03/04/22	03/04/22
tert-Butylbenzene	ND		7	ug/kg	03/04/22	03/04/22
Methyl t-butyl ether (MTBE)	ND		7	ug/kg	03/04/22	03/04/22
Carbon Disulfide	ND		7	ug/kg	03/04/22	03/04/22
Carbon Tetrachloride	ND		7	ug/kg	03/04/22	03/04/22
Chlorobenzene	ND		7	ug/kg	03/04/22	03/04/22
Chloroethane	ND		7	ug/kg	03/04/22	03/04/22
Chloroform	ND		7	ug/kg	03/04/22	03/04/22
Chloromethane	ND		7	ug/kg	03/04/22	03/04/22
4-Chlorotoluene	ND		7	ug/kg	03/04/22	03/04/22
2-Chlorotoluene	ND		7	ug/kg	03/04/22	03/04/22
1,2-Dibromo-3-chloropropane (DBCP)	ND		7	ug/kg	03/04/22	03/04/22
Dibromochloromethane	ND		7	ug/kg	03/04/22	03/04/22
1,2-Dibromoethane (EDB)	ND		7	ug/kg	03/04/22	03/04/22
Dibromomethane	ND		7	ug/kg	03/04/22	03/04/22
1,2-Dichlorobenzene	ND		7	ug/kg	03/04/22	03/04/22
1,3-Dichlorobenzene	ND		7	ug/kg	03/04/22	03/04/22
1,4-Dichlorobenzene	ND		7	ug/kg	03/04/22	03/04/22
1,1-Dichloroethane	ND		7	ug/kg	03/04/22	03/04/22
1,2-Dichloroethane	ND		7	ug/kg	03/04/22	03/04/22
trans-1,2-Dichloroethene	ND		7	ug/kg	03/04/22	03/04/22
cis-1,2-Dichloroethene	ND		7	ug/kg	03/04/22	03/04/22
1,1-Dichloroethene	ND		7	ug/kg	03/04/22	03/04/22
1,2-Dichloropropane	ND		7	ug/kg	03/04/22	03/04/22
2,2-Dichloropropane	ND		7	ug/kg	03/04/22	03/04/22
cis-1,3-Dichloropropene	ND		7	ug/kg	03/04/22	03/04/22
trans-1,3-Dichloropropene	ND		7	ug/kg	03/04/22	03/04/22
1,1-Dichloropropene	ND		7	ug/kg	03/04/22	03/04/22
1,3-Dichloropropene (cis + trans)	ND		7	ug/kg	03/04/22	03/04/22
Diethyl ether	ND		7	ug/kg	03/04/22	03/04/22
1,4-Dioxane	ND		143	ug/kg	03/04/22	03/04/22
Ethylbenzene	ND		7	ug/kg	03/04/22	03/04/22
Hexachlorobutadiene	ND		7	ug/kg	03/04/22	03/04/22
2-Hexanone	ND		7	ug/kg	03/04/22	03/04/22
Isopropylbenzene	ND		7	ug/kg	03/04/22	03/04/22
p-Isopropyltoluene	ND		7	ug/kg	03/04/22	03/04/22
Methylene Chloride	ND		7	ug/kg	03/04/22	03/04/22
4-Methyl-2-pentanone	ND		7	ug/kg	03/04/22	03/04/22

## Results: Volatile Organic Compounds (Continued)

**Sample: TP-11 Fill A 26" (Continued)**

**Lab Number: 2C02068-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		7	ug/kg	03/04/22	03/04/22
n-Propylbenzene	ND		7	ug/kg	03/04/22	03/04/22
Styrene	ND		7	ug/kg	03/04/22	03/04/22
1,1,1,2-Tetrachloroethane	ND		7	ug/kg	03/04/22	03/04/22
Tetrachloroethene	ND		7	ug/kg	03/04/22	03/04/22
Tetrahydrofuran	ND		7	ug/kg	03/04/22	03/04/22
Toluene	ND		7	ug/kg	03/04/22	03/04/22
1,2,4-Trichlorobenzene	ND		7	ug/kg	03/04/22	03/04/22
1,2,3-Trichlorobenzene	ND		7	ug/kg	03/04/22	03/04/22
1,1,2-Trichloroethane	ND		7	ug/kg	03/04/22	03/04/22
1,1,1-Trichloroethane	ND		7	ug/kg	03/04/22	03/04/22
Trichloroethene	ND		7	ug/kg	03/04/22	03/04/22
1,2,3-Trichloropropane	ND		7	ug/kg	03/04/22	03/04/22
1,3,5-Trimethylbenzene	ND		7	ug/kg	03/04/22	03/04/22
1,2,4-Trimethylbenzene	ND		7	ug/kg	03/04/22	03/04/22
Vinyl Chloride	ND		7	ug/kg	03/04/22	03/04/22
o-Xylene	ND		7	ug/kg	03/04/22	03/04/22
m&p-Xylene	ND		14	ug/kg	03/04/22	03/04/22
Total xylenes	ND		7	ug/kg	03/04/22	03/04/22
1,1,1,2-Tetrachloroethane	ND		7	ug/kg	03/04/22	03/04/22
tert-Amyl methyl ether	ND		7	ug/kg	03/04/22	03/04/22
1,3-Dichloropropane	ND		7	ug/kg	03/04/22	03/04/22
Ethyl tert-butyl ether	ND		7	ug/kg	03/04/22	03/04/22
Diisopropyl ether	ND		7	ug/kg	03/04/22	03/04/22
Trichlorofluoromethane	ND		7	ug/kg	03/04/22	03/04/22
Dichlorodifluoromethane	ND		7	ug/kg	03/04/22	03/04/22
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Surrogate(s)	Recovery%		Limits			
<hr/>						
<i>4-Bromofluorobenzene</i>	<i>93.7%</i>		<i>70-130</i>		03/04/22	03/04/22
<i>1,2-Dichloroethane-d4</i>	<i>104%</i>		<i>70-130</i>		03/04/22	03/04/22
<i>Toluene-d8</i>	<i>98.4%</i>		<i>70-130</i>		03/04/22	03/04/22

## Results: Volatile Organic Compounds

**Sample: TP-11 C Layer 58"**

**Lab Number: 2C02068-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		5	ug/kg	03/04/22	03/04/22
Benzene	ND		5	ug/kg	03/04/22	03/04/22
Bromobenzene	ND		5	ug/kg	03/04/22	03/04/22
Bromochloromethane	ND		5	ug/kg	03/04/22	03/04/22
Bromodichloromethane	ND		5	ug/kg	03/04/22	03/04/22
Bromoform	ND		5	ug/kg	03/04/22	03/04/22
Bromomethane	ND		5	ug/kg	03/04/22	03/04/22
2-Butanone	ND		5	ug/kg	03/04/22	03/04/22
tert-Butyl alcohol	ND		5	ug/kg	03/04/22	03/04/22
sec-Butylbenzene	ND		5	ug/kg	03/04/22	03/04/22
n-Butylbenzene	ND		5	ug/kg	03/04/22	03/04/22
tert-Butylbenzene	ND		5	ug/kg	03/04/22	03/04/22
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	03/04/22	03/04/22
Carbon Disulfide	ND		5	ug/kg	03/04/22	03/04/22
Carbon Tetrachloride	ND		5	ug/kg	03/04/22	03/04/22
Chlorobenzene	ND		5	ug/kg	03/04/22	03/04/22
Chloroethane	ND		5	ug/kg	03/04/22	03/04/22
Chloroform	ND		5	ug/kg	03/04/22	03/04/22
Chloromethane	ND		5	ug/kg	03/04/22	03/04/22
4-Chlorotoluene	ND		5	ug/kg	03/04/22	03/04/22
2-Chlorotoluene	ND		5	ug/kg	03/04/22	03/04/22
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	03/04/22	03/04/22
Dibromochloromethane	ND		5	ug/kg	03/04/22	03/04/22
1,2-Dibromoethane (EDB)	ND		5	ug/kg	03/04/22	03/04/22
Dibromomethane	ND		5	ug/kg	03/04/22	03/04/22
1,2-Dichlorobenzene	ND		5	ug/kg	03/04/22	03/04/22
1,3-Dichlorobenzene	ND		5	ug/kg	03/04/22	03/04/22
1,4-Dichlorobenzene	ND		5	ug/kg	03/04/22	03/04/22
1,1-Dichloroethane	ND		5	ug/kg	03/04/22	03/04/22
1,2-Dichloroethane	ND		5	ug/kg	03/04/22	03/04/22
trans-1,2-Dichloroethene	ND		5	ug/kg	03/04/22	03/04/22
cis-1,2-Dichloroethene	ND		5	ug/kg	03/04/22	03/04/22
1,1-Dichloroethene	ND		5	ug/kg	03/04/22	03/04/22
1,2-Dichloropropane	ND		5	ug/kg	03/04/22	03/04/22
2,2-Dichloropropane	ND		5	ug/kg	03/04/22	03/04/22
cis-1,3-Dichloropropene	ND		5	ug/kg	03/04/22	03/04/22
trans-1,3-Dichloropropene	ND		5	ug/kg	03/04/22	03/04/22
1,1-Dichloropropene	ND		5	ug/kg	03/04/22	03/04/22
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	03/04/22	03/04/22
Diethyl ether	ND		5	ug/kg	03/04/22	03/04/22
1,4-Dioxane	ND		101	ug/kg	03/04/22	03/04/22
Ethylbenzene	ND		5	ug/kg	03/04/22	03/04/22
Hexachlorobutadiene	ND		5	ug/kg	03/04/22	03/04/22
2-Hexanone	ND		5	ug/kg	03/04/22	03/04/22
Isopropylbenzene	ND		5	ug/kg	03/04/22	03/04/22
p-Isopropyltoluene	ND		5	ug/kg	03/04/22	03/04/22
Methylene Chloride	ND		5	ug/kg	03/04/22	03/04/22
4-Methyl-2-pentanone	ND		5	ug/kg	03/04/22	03/04/22

## Results: Volatile Organic Compounds (Continued)

**Sample: TP-11 C Layer 58" (Continued)**

**Lab Number: 2C02068-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	03/04/22	03/04/22
n-Propylbenzene	ND		5	ug/kg	03/04/22	03/04/22
Styrene	ND		5	ug/kg	03/04/22	03/04/22
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	03/04/22	03/04/22
Tetrachloroethene	ND		5	ug/kg	03/04/22	03/04/22
Tetrahydrofuran	ND		5	ug/kg	03/04/22	03/04/22
Toluene	ND		5	ug/kg	03/04/22	03/04/22
1,2,4-Trichlorobenzene	ND		5	ug/kg	03/04/22	03/04/22
1,2,3-Trichlorobenzene	ND		5	ug/kg	03/04/22	03/04/22
1,1,2-Trichloroethane	ND		5	ug/kg	03/04/22	03/04/22
1,1,1-Trichloroethane	ND		5	ug/kg	03/04/22	03/04/22
Trichloroethene	ND		5	ug/kg	03/04/22	03/04/22
1,2,3-Trichloropropane	ND		5	ug/kg	03/04/22	03/04/22
1,3,5-Trimethylbenzene	ND		5	ug/kg	03/04/22	03/04/22
1,2,4-Trimethylbenzene	ND		5	ug/kg	03/04/22	03/04/22
Vinyl Chloride	ND		5	ug/kg	03/04/22	03/04/22
o-Xylene	ND		5	ug/kg	03/04/22	03/04/22
m&p-Xylene	ND		10	ug/kg	03/04/22	03/04/22
Total xylenes	ND		5	ug/kg	03/04/22	03/04/22
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	03/04/22	03/04/22
tert-Amyl methyl ether	ND		5	ug/kg	03/04/22	03/04/22
1,3-Dichloropropane	ND		5	ug/kg	03/04/22	03/04/22
Ethyl tert-butyl ether	ND		5	ug/kg	03/04/22	03/04/22
Diisopropyl ether	ND		5	ug/kg	03/04/22	03/04/22
Trichlorofluoromethane	ND		5	ug/kg	03/04/22	03/04/22
Dichlorodifluoromethane	ND		5	ug/kg	03/04/22	03/04/22
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Surrogate(s)	Recovery%		Limits			
<hr/>						
<i>4-Bromofluorobenzene</i>	<i>97.4%</i>		<i>70-130</i>		<i>03/04/22</i>	<i>03/04/22</i>
<i>1,2-Dichloroethane-d4</i>	<i>104%</i>		<i>70-130</i>		<i>03/04/22</i>	<i>03/04/22</i>
<i>Toluene-d8</i>	<i>99.2%</i>		<i>70-130</i>		<i>03/04/22</i>	<i>03/04/22</i>

## Results: Volatile Organic Compounds

**Sample: TP-11 C Layer 58" (FD)**

**Lab Number: 2C02068-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		62	ug/kg	03/04/22	03/05/22
Benzene	ND		6	ug/kg	03/04/22	03/05/22
Bromobenzene	ND		6	ug/kg	03/04/22	03/05/22
Bromochloromethane	ND		6	ug/kg	03/04/22	03/05/22
Bromodichloromethane	ND		6	ug/kg	03/04/22	03/05/22
Bromoform	ND		6	ug/kg	03/04/22	03/05/22
Bromomethane	ND		6	ug/kg	03/04/22	03/05/22
2-Butanone	ND		6	ug/kg	03/04/22	03/05/22
tert-Butyl alcohol	ND		6	ug/kg	03/04/22	03/05/22
sec-Butylbenzene	ND		6	ug/kg	03/04/22	03/05/22
n-Butylbenzene	ND		6	ug/kg	03/04/22	03/05/22
tert-Butylbenzene	ND		6	ug/kg	03/04/22	03/05/22
Methyl t-butyl ether (MTBE)	ND		6	ug/kg	03/04/22	03/05/22
Carbon Disulfide	ND		6	ug/kg	03/04/22	03/05/22
Carbon Tetrachloride	ND		6	ug/kg	03/04/22	03/05/22
Chlorobenzene	ND		6	ug/kg	03/04/22	03/05/22
Chloroethane	ND		6	ug/kg	03/04/22	03/05/22
Chloroform	ND		6	ug/kg	03/04/22	03/05/22
Chloromethane	ND		6	ug/kg	03/04/22	03/05/22
4-Chlorotoluene	ND		6	ug/kg	03/04/22	03/05/22
2-Chlorotoluene	ND		6	ug/kg	03/04/22	03/05/22
1,2-Dibromo-3-chloropropane (DBCP)	ND		6	ug/kg	03/04/22	03/05/22
Dibromochloromethane	ND		6	ug/kg	03/04/22	03/05/22
1,2-Dibromoethane (EDB)	ND		6	ug/kg	03/04/22	03/05/22
Dibromomethane	ND		6	ug/kg	03/04/22	03/05/22
1,2-Dichlorobenzene	ND		6	ug/kg	03/04/22	03/05/22
1,3-Dichlorobenzene	ND		6	ug/kg	03/04/22	03/05/22
1,4-Dichlorobenzene	ND		6	ug/kg	03/04/22	03/05/22
1,1-Dichloroethane	ND		6	ug/kg	03/04/22	03/05/22
1,2-Dichloroethane	ND		6	ug/kg	03/04/22	03/05/22
trans-1,2-Dichloroethene	ND		6	ug/kg	03/04/22	03/05/22
cis-1,2-Dichloroethene	ND		6	ug/kg	03/04/22	03/05/22
1,1-Dichloroethene	ND		6	ug/kg	03/04/22	03/05/22
1,2-Dichloropropane	ND		6	ug/kg	03/04/22	03/05/22
2,2-Dichloropropane	ND		6	ug/kg	03/04/22	03/05/22
cis-1,3-Dichloropropene	ND		6	ug/kg	03/04/22	03/05/22
trans-1,3-Dichloropropene	ND		6	ug/kg	03/04/22	03/05/22
1,1-Dichloropropene	ND		6	ug/kg	03/04/22	03/05/22
1,3-Dichloropropene (cis + trans)	ND		6	ug/kg	03/04/22	03/05/22
Diethyl ether	ND		6	ug/kg	03/04/22	03/05/22
1,4-Dioxane	ND		120	ug/kg	03/04/22	03/05/22
Ethylbenzene	ND		6	ug/kg	03/04/22	03/05/22
Hexachlorobutadiene	ND		6	ug/kg	03/04/22	03/05/22
2-Hexanone	ND		6	ug/kg	03/04/22	03/05/22
Isopropylbenzene	ND		6	ug/kg	03/04/22	03/05/22
p-Isopropyltoluene	ND		6	ug/kg	03/04/22	03/05/22
Methylene Chloride	ND		6	ug/kg	03/04/22	03/05/22
4-Methyl-2-pentanone	ND		6	ug/kg	03/04/22	03/05/22

## Results: Volatile Organic Compounds (Continued)

**Sample: TP-11 C Layer 58" (FD) (Continued)**

**Lab Number: 2C02068-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		6	ug/kg	03/04/22	03/05/22
n-Propylbenzene	ND		6	ug/kg	03/04/22	03/05/22
Styrene	ND		6	ug/kg	03/04/22	03/05/22
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	03/04/22	03/05/22
Tetrachloroethene	ND		6	ug/kg	03/04/22	03/05/22
Tetrahydrofuran	ND		6	ug/kg	03/04/22	03/05/22
Toluene	ND		6	ug/kg	03/04/22	03/05/22
1,2,4-Trichlorobenzene	ND		6	ug/kg	03/04/22	03/05/22
1,2,3-Trichlorobenzene	ND		6	ug/kg	03/04/22	03/05/22
1,1,2-Trichloroethane	ND		6	ug/kg	03/04/22	03/05/22
1,1,1-Trichloroethane	ND		6	ug/kg	03/04/22	03/05/22
Trichloroethene	ND		6	ug/kg	03/04/22	03/05/22
1,2,3-Trichloropropane	ND		6	ug/kg	03/04/22	03/05/22
1,3,5-Trimethylbenzene	ND		6	ug/kg	03/04/22	03/05/22
1,2,4-Trimethylbenzene	ND		6	ug/kg	03/04/22	03/05/22
Vinyl Chloride	ND		6	ug/kg	03/04/22	03/05/22
o-Xylene	ND		6	ug/kg	03/04/22	03/05/22
m&p-Xylene	ND		12	ug/kg	03/04/22	03/05/22
Total xylenes	ND		6	ug/kg	03/04/22	03/05/22
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	03/04/22	03/05/22
tert-Amyl methyl ether	ND		6	ug/kg	03/04/22	03/05/22
1,3-Dichloropropane	ND		6	ug/kg	03/04/22	03/05/22
Ethyl tert-butyl ether	ND		6	ug/kg	03/04/22	03/05/22
Diisopropyl ether	ND		6	ug/kg	03/04/22	03/05/22
Trichlorofluoromethane	ND		6	ug/kg	03/04/22	03/05/22
Dichlorodifluoromethane	ND		6	ug/kg	03/04/22	03/05/22
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Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>94.4%</i>		<i>70-130</i>		<i>03/04/22</i>	<i>03/05/22</i>
<i>1,2-Dichloroethane-d4</i>	<i>119%</i>		<i>70-130</i>		<i>03/04/22</i>	<i>03/05/22</i>
<i>Toluene-d8</i>	<i>98.8%</i>		<i>70-130</i>		<i>03/04/22</i>	<i>03/05/22</i>

## Results: Volatile Organic Compounds

**Sample: TP-14 Fill A 18"**

**Lab Number: 2C02068-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		9	ug/kg	03/04/22	03/05/22
Benzene	ND		6	ug/kg	03/04/22	03/05/22
Bromobenzene	ND		6	ug/kg	03/04/22	03/05/22
Bromochloromethane	ND		6	ug/kg	03/04/22	03/05/22
Bromodichloromethane	ND		6	ug/kg	03/04/22	03/05/22
Bromoform	ND		6	ug/kg	03/04/22	03/05/22
Bromomethane	ND		6	ug/kg	03/04/22	03/05/22
2-Butanone	ND		6	ug/kg	03/04/22	03/05/22
tert-Butyl alcohol	ND		6	ug/kg	03/04/22	03/05/22
sec-Butylbenzene	ND		6	ug/kg	03/04/22	03/05/22
n-Butylbenzene	ND		6	ug/kg	03/04/22	03/05/22
tert-Butylbenzene	ND		6	ug/kg	03/04/22	03/05/22
Methyl t-butyl ether (MTBE)	ND		6	ug/kg	03/04/22	03/05/22
Carbon Disulfide	ND		6	ug/kg	03/04/22	03/05/22
Carbon Tetrachloride	ND		6	ug/kg	03/04/22	03/05/22
Chlorobenzene	ND		6	ug/kg	03/04/22	03/05/22
Chloroethane	ND		6	ug/kg	03/04/22	03/05/22
Chloroform	ND		6	ug/kg	03/04/22	03/05/22
Chloromethane	ND		6	ug/kg	03/04/22	03/05/22
4-Chlorotoluene	ND		6	ug/kg	03/04/22	03/05/22
2-Chlorotoluene	ND		6	ug/kg	03/04/22	03/05/22
1,2-Dibromo-3-chloropropane (DBCP)	ND		6	ug/kg	03/04/22	03/05/22
Dibromochloromethane	ND		6	ug/kg	03/04/22	03/05/22
1,2-Dibromoethane (EDB)	ND		6	ug/kg	03/04/22	03/05/22
Dibromomethane	ND		6	ug/kg	03/04/22	03/05/22
1,2-Dichlorobenzene	ND		6	ug/kg	03/04/22	03/05/22
1,3-Dichlorobenzene	ND		6	ug/kg	03/04/22	03/05/22
1,4-Dichlorobenzene	ND		6	ug/kg	03/04/22	03/05/22
1,1-Dichloroethane	ND		6	ug/kg	03/04/22	03/05/22
1,2-Dichloroethane	ND		6	ug/kg	03/04/22	03/05/22
trans-1,2-Dichloroethene	ND		6	ug/kg	03/04/22	03/05/22
cis-1,2-Dichloroethene	ND		6	ug/kg	03/04/22	03/05/22
1,1-Dichloroethene	ND		6	ug/kg	03/04/22	03/05/22
1,2-Dichloropropane	ND		6	ug/kg	03/04/22	03/05/22
2,2-Dichloropropane	ND		6	ug/kg	03/04/22	03/05/22
cis-1,3-Dichloropropene	ND		6	ug/kg	03/04/22	03/05/22
trans-1,3-Dichloropropene	ND		6	ug/kg	03/04/22	03/05/22
1,1-Dichloropropene	ND		6	ug/kg	03/04/22	03/05/22
1,3-Dichloropropene (cis + trans)	ND		6	ug/kg	03/04/22	03/05/22
Diethyl ether	ND		6	ug/kg	03/04/22	03/05/22
1,4-Dioxane	ND		129	ug/kg	03/04/22	03/05/22
Ethylbenzene	ND		6	ug/kg	03/04/22	03/05/22
Hexachlorobutadiene	ND		6	ug/kg	03/04/22	03/05/22
2-Hexanone	ND		6	ug/kg	03/04/22	03/05/22
Isopropylbenzene	ND		6	ug/kg	03/04/22	03/05/22
p-Isopropyltoluene	ND		6	ug/kg	03/04/22	03/05/22
Methylene Chloride	ND		6	ug/kg	03/04/22	03/05/22
4-Methyl-2-pentanone	ND		6	ug/kg	03/04/22	03/05/22

## Results: Volatile Organic Compounds (Continued)

**Sample: TP-14 Fill A 18" (Continued)**

**Lab Number: 2C02068-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		6	ug/kg	03/04/22	03/05/22
n-Propylbenzene	ND		6	ug/kg	03/04/22	03/05/22
Styrene	ND		6	ug/kg	03/04/22	03/05/22
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	03/04/22	03/05/22
Tetrachloroethene	ND		6	ug/kg	03/04/22	03/05/22
Tetrahydrofuran	ND		6	ug/kg	03/04/22	03/05/22
Toluene	ND		6	ug/kg	03/04/22	03/05/22
1,2,4-Trichlorobenzene	ND		6	ug/kg	03/04/22	03/05/22
1,2,3-Trichlorobenzene	ND		6	ug/kg	03/04/22	03/05/22
1,1,2-Trichloroethane	ND		6	ug/kg	03/04/22	03/05/22
1,1,1-Trichloroethane	ND		6	ug/kg	03/04/22	03/05/22
Trichloroethene	ND		6	ug/kg	03/04/22	03/05/22
1,2,3-Trichloropropane	ND		6	ug/kg	03/04/22	03/05/22
1,3,5-Trimethylbenzene	ND		6	ug/kg	03/04/22	03/05/22
1,2,4-Trimethylbenzene	ND		6	ug/kg	03/04/22	03/05/22
Vinyl Chloride	ND		6	ug/kg	03/04/22	03/05/22
o-Xylene	ND		6	ug/kg	03/04/22	03/05/22
m&p-Xylene	ND		13	ug/kg	03/04/22	03/05/22
Total xylenes	ND		6	ug/kg	03/04/22	03/05/22
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	03/04/22	03/05/22
tert-Amyl methyl ether	ND		6	ug/kg	03/04/22	03/05/22
1,3-Dichloropropane	ND		6	ug/kg	03/04/22	03/05/22
Ethyl tert-butyl ether	ND		6	ug/kg	03/04/22	03/05/22
Diisopropyl ether	ND		6	ug/kg	03/04/22	03/05/22
Trichlorofluoromethane	ND		6	ug/kg	03/04/22	03/05/22
Dichlorodifluoromethane	ND		6	ug/kg	03/04/22	03/05/22
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Surrogate(s)	Recovery%		Limits			
<hr/>						
<i>4-Bromofluorobenzene</i>	<i>96.1%</i>		<i>70-130</i>		<i>03/04/22</i>	<i>03/05/22</i>
<i>1,2-Dichloroethane-d4</i>	<i>108%</i>		<i>70-130</i>		<i>03/04/22</i>	<i>03/05/22</i>
<i>Toluene-d8</i>	<i>98.7%</i>		<i>70-130</i>		<i>03/04/22</i>	<i>03/05/22</i>



## Results: Volatile Organic Compounds

**Sample: TP-14 C Layer 28"**

**Lab Number: 2C02068-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		19	ug/kg	03/04/22	03/05/22
Benzene	ND		5	ug/kg	03/04/22	03/05/22
Bromobenzene	ND		5	ug/kg	03/04/22	03/05/22
Bromochloromethane	ND		5	ug/kg	03/04/22	03/05/22
Bromodichloromethane	ND		5	ug/kg	03/04/22	03/05/22
Bromoform	ND		5	ug/kg	03/04/22	03/05/22
Bromomethane	ND		5	ug/kg	03/04/22	03/05/22
2-Butanone	ND		5	ug/kg	03/04/22	03/05/22
tert-Butyl alcohol	ND		5	ug/kg	03/04/22	03/05/22
sec-Butylbenzene	ND		5	ug/kg	03/04/22	03/05/22
n-Butylbenzene	ND		5	ug/kg	03/04/22	03/05/22
tert-Butylbenzene	ND		5	ug/kg	03/04/22	03/05/22
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	03/04/22	03/05/22
Carbon Disulfide	ND		5	ug/kg	03/04/22	03/05/22
Carbon Tetrachloride	ND		5	ug/kg	03/04/22	03/05/22
Chlorobenzene	ND		5	ug/kg	03/04/22	03/05/22
Chloroethane	ND		5	ug/kg	03/04/22	03/05/22
Chloroform	ND		5	ug/kg	03/04/22	03/05/22
Chloromethane	ND		5	ug/kg	03/04/22	03/05/22
4-Chlorotoluene	ND		5	ug/kg	03/04/22	03/05/22
2-Chlorotoluene	ND		5	ug/kg	03/04/22	03/05/22
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	03/04/22	03/05/22
Dibromochloromethane	ND		5	ug/kg	03/04/22	03/05/22
1,2-Dibromoethane (EDB)	ND		5	ug/kg	03/04/22	03/05/22
Dibromomethane	ND		5	ug/kg	03/04/22	03/05/22
1,2-Dichlorobenzene	ND		5	ug/kg	03/04/22	03/05/22
1,3-Dichlorobenzene	ND		5	ug/kg	03/04/22	03/05/22
1,4-Dichlorobenzene	ND		5	ug/kg	03/04/22	03/05/22
1,1-Dichloroethane	ND		5	ug/kg	03/04/22	03/05/22
1,2-Dichloroethane	ND		5	ug/kg	03/04/22	03/05/22
trans-1,2-Dichloroethene	ND		5	ug/kg	03/04/22	03/05/22
cis-1,2-Dichloroethene	ND		5	ug/kg	03/04/22	03/05/22
1,1-Dichloroethene	ND		5	ug/kg	03/04/22	03/05/22
1,2-Dichloropropane	ND		5	ug/kg	03/04/22	03/05/22
2,2-Dichloropropane	ND		5	ug/kg	03/04/22	03/05/22
cis-1,3-Dichloropropene	ND		5	ug/kg	03/04/22	03/05/22
trans-1,3-Dichloropropene	ND		5	ug/kg	03/04/22	03/05/22
1,1-Dichloropropene	ND		5	ug/kg	03/04/22	03/05/22
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	03/04/22	03/05/22
Diethyl ether	ND		5	ug/kg	03/04/22	03/05/22
1,4-Dioxane	ND		94	ug/kg	03/04/22	03/05/22
Ethylbenzene	ND		5	ug/kg	03/04/22	03/05/22
Hexachlorobutadiene	ND		5	ug/kg	03/04/22	03/05/22
2-Hexanone	ND		5	ug/kg	03/04/22	03/05/22
Isopropylbenzene	ND		5	ug/kg	03/04/22	03/05/22
p-Isopropyltoluene	ND		5	ug/kg	03/04/22	03/05/22
Methylene Chloride	ND		5	ug/kg	03/04/22	03/05/22
4-Methyl-2-pentanone	ND		5	ug/kg	03/04/22	03/05/22

## Results: Volatile Organic Compounds (Continued)

**Sample: TP-14 C Layer 28" (Continued)**

**Lab Number: 2C02068-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	03/04/22	03/05/22
n-Propylbenzene	ND		5	ug/kg	03/04/22	03/05/22
Styrene	ND		5	ug/kg	03/04/22	03/05/22
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	03/04/22	03/05/22
Tetrachloroethene	ND		5	ug/kg	03/04/22	03/05/22
Tetrahydrofuran	ND		5	ug/kg	03/04/22	03/05/22
Toluene	ND		5	ug/kg	03/04/22	03/05/22
1,2,4-Trichlorobenzene	ND		5	ug/kg	03/04/22	03/05/22
1,2,3-Trichlorobenzene	ND		5	ug/kg	03/04/22	03/05/22
1,1,2-Trichloroethane	ND		5	ug/kg	03/04/22	03/05/22
1,1,1-Trichloroethane	ND		5	ug/kg	03/04/22	03/05/22
Trichloroethene	ND		5	ug/kg	03/04/22	03/05/22
1,2,3-Trichloropropane	ND		5	ug/kg	03/04/22	03/05/22
1,3,5-Trimethylbenzene	ND		5	ug/kg	03/04/22	03/05/22
1,2,4-Trimethylbenzene	ND		5	ug/kg	03/04/22	03/05/22
Vinyl Chloride	ND		5	ug/kg	03/04/22	03/05/22
o-Xylene	ND		5	ug/kg	03/04/22	03/05/22
m&p-Xylene	ND		9	ug/kg	03/04/22	03/05/22
Total xylenes	ND		5	ug/kg	03/04/22	03/05/22
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	03/04/22	03/05/22
tert-Amyl methyl ether	ND		5	ug/kg	03/04/22	03/05/22
1,3-Dichloropropane	ND		5	ug/kg	03/04/22	03/05/22
Ethyl tert-butyl ether	ND		5	ug/kg	03/04/22	03/05/22
Diisopropyl ether	ND		5	ug/kg	03/04/22	03/05/22
Trichlorofluoromethane	ND		5	ug/kg	03/04/22	03/05/22
Dichlorodifluoromethane	ND		5	ug/kg	03/04/22	03/05/22
<hr/>						
Surrogate(s)	Recovery%		Limits			
<hr/>						
<i>4-Bromofluorobenzene</i>	96.3%		70-130		03/04/22	03/05/22
<i>1,2-Dichloroethane-d4</i>	111%		70-130		03/04/22	03/05/22
<i>Toluene-d8</i>	98.1%		70-130		03/04/22	03/05/22

## Results: Semivolatile organic compounds

**Sample: TP-3 Fill A 17"**

**Lab Number: 2C02068-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		154	ug/kg	03/09/22	03/11/22
1,2-Dichlorobenzene	ND		154	ug/kg	03/09/22	03/11/22
1,3-Dichlorobenzene	ND		154	ug/kg	03/09/22	03/11/22
1,4-Dichlorobenzene	ND		154	ug/kg	03/09/22	03/11/22
Phenol	ND		154	ug/kg	03/09/22	03/11/22
2,4,5-Trichlorophenol	ND		154	ug/kg	03/09/22	03/11/22
2,4,6-Trichlorophenol	ND		154	ug/kg	03/09/22	03/11/22
2,4-Dichlorophenol	ND		154	ug/kg	03/09/22	03/11/22
2,4-Dimethylphenol	ND		390	ug/kg	03/09/22	03/11/22
2,4-Dinitrophenol	ND		390	ug/kg	03/09/22	03/11/22
2,4-Dinitrotoluene	ND		154	ug/kg	03/09/22	03/11/22
2,6-Dinitrotoluene	ND		154	ug/kg	03/09/22	03/11/22
2-Chloronaphthalene	ND		154	ug/kg	03/09/22	03/11/22
2-Chlorophenol	ND		154	ug/kg	03/09/22	03/11/22
2-Methylnaphthalene	ND		154	ug/kg	03/09/22	03/11/22
Nitrobenzene	ND		154	ug/kg	03/09/22	03/11/22
2-Methylphenol	ND		154	ug/kg	03/09/22	03/11/22
2-Nitroaniline	ND		154	ug/kg	03/09/22	03/11/22
2-Nitrophenol	ND		390	ug/kg	03/09/22	03/11/22
3,3'-Dichlorobenzidine	ND		390	ug/kg	03/09/22	03/11/22
3-Nitroaniline	ND		154	ug/kg	03/09/22	03/11/22
4,6-Dinitro-2-methylphenol	ND		390	ug/kg	03/09/22	03/11/22
4-Bromophenyl phenyl ether	ND		154	ug/kg	03/09/22	03/11/22
4-Chloro-3-methylphenol	ND		154	ug/kg	03/09/22	03/11/22
4-Chloroaniline	ND		154	ug/kg	03/09/22	03/11/22
4-Chlorophenyl phenyl ether	ND		154	ug/kg	03/09/22	03/11/22
4-Nitroaniline	ND		154	ug/kg	03/09/22	03/11/22
4-Nitrophenol	ND		390	ug/kg	03/09/22	03/11/22
Acenaphthene	ND		154	ug/kg	03/09/22	03/11/22
Acenaphthylene	ND		154	ug/kg	03/09/22	03/11/22
Aniline	ND		154	ug/kg	03/09/22	03/11/22
Anthracene	ND		154	ug/kg	03/09/22	03/11/22
Benzo(a)anthracene	ND		154	ug/kg	03/09/22	03/11/22
Benzo(a)pyrene	ND		154	ug/kg	03/09/22	03/11/22
Benzo(b)fluoranthene	ND		154	ug/kg	03/09/22	03/11/22
Benzo(g,h,i)perylene	ND		154	ug/kg	03/09/22	03/11/22
Benzo(k)fluoranthene	ND		154	ug/kg	03/09/22	03/11/22
Benzoic acid	ND		1180	ug/kg	03/09/22	03/11/22
Biphenyl	ND		47	ug/kg	03/09/22	03/11/22
Bis(2-chloroethoxy)methane	ND		154	ug/kg	03/09/22	03/11/22
Bis(2-chloroethyl)ether	ND		154	ug/kg	03/09/22	03/11/22
Bis(2-chloroisopropyl)ether	ND		154	ug/kg	03/09/22	03/11/22
Bis(2-ethylhexyl)phthalate	ND		473	ug/kg	03/09/22	03/11/22
Butyl benzyl phthalate	ND		154	ug/kg	03/09/22	03/11/22
Chrysene	ND		154	ug/kg	03/09/22	03/11/22
Di(n)octyl phthalate	ND		236	ug/kg	03/09/22	03/11/22
Dibenz(a,h)anthracene	ND		154	ug/kg	03/09/22	03/11/22
Dibenzofuran	ND		154	ug/kg	03/09/22	03/11/22

## Results: Semivolatile organic compounds (Continued)

**Sample: TP-3 Fill A 17" (Continued)**

**Lab Number: 2C02068-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		154	ug/kg	03/09/22	03/11/22
Dimethyl phthalate	ND		390	ug/kg	03/09/22	03/11/22
Di-n-butylphthalate	ND		236	ug/kg	03/09/22	03/11/22
Fluoranthene	ND		154	ug/kg	03/09/22	03/11/22
Fluorene	ND		154	ug/kg	03/09/22	03/11/22
Hexachlorobenzene	ND		154	ug/kg	03/09/22	03/11/22
Hexachlorobutadiene	ND		154	ug/kg	03/09/22	03/11/22
Hexachlorocyclopentadiene	ND		390	ug/kg	03/09/22	03/11/22
Hexachloroethane	ND		154	ug/kg	03/09/22	03/11/22
Indeno(1,2,3-cd)pyrene	ND		154	ug/kg	03/09/22	03/11/22
Isophorone	ND		154	ug/kg	03/09/22	03/11/22
Naphthalene	ND		154	ug/kg	03/09/22	03/11/22
N-Nitrosodimethylamine	ND		154	ug/kg	03/09/22	03/11/22
N-Nitrosodi-n-propylamine	ND		154	ug/kg	03/09/22	03/11/22
N-Nitrosodiphenylamine	ND		154	ug/kg	03/09/22	03/11/22
Pentachlorophenol	ND		390	ug/kg	03/09/22	03/11/22
Phenanthrene	ND		154	ug/kg	03/09/22	03/11/22
Pyrene	ND		154	ug/kg	03/09/22	03/11/22
m&p-Cresol	ND		307	ug/kg	03/09/22	03/11/22
Pyridine	ND		154	ug/kg	03/09/22	03/11/22
<hr style="border-top: 1px dashed black;"/>						
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	66.8%		30-126		03/09/22	03/11/22
<i>p-Terphenyl-d14</i>	95.8%		47-130		03/09/22	03/11/22
<i>2-Fluorobiphenyl</i>	73.0%		34-130		03/09/22	03/11/22
<i>Phenol-d6</i>	61.7%		30-130		03/09/22	03/11/22
<i>2,4,6-Tribromophenol</i>	85.1%		30-130		03/09/22	03/11/22
<i>2-Fluorophenol</i>	55.8%		30-130		03/09/22	03/11/22

## Results: Semivolatile organic compounds

**Sample: TP-3 C Layer 30"**

**Lab Number: 2C02068-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		145	ug/kg	03/09/22	03/11/22
1,2-Dichlorobenzene	ND		145	ug/kg	03/09/22	03/11/22
1,3-Dichlorobenzene	ND		145	ug/kg	03/09/22	03/11/22
1,4-Dichlorobenzene	ND		145	ug/kg	03/09/22	03/11/22
Phenol	ND		145	ug/kg	03/09/22	03/11/22
2,4,5-Trichlorophenol	ND		145	ug/kg	03/09/22	03/11/22
2,4,6-Trichlorophenol	ND		145	ug/kg	03/09/22	03/11/22
2,4-Dichlorophenol	ND		145	ug/kg	03/09/22	03/11/22
2,4-Dimethylphenol	ND		367	ug/kg	03/09/22	03/11/22
2,4-Dinitrophenol	ND		367	ug/kg	03/09/22	03/11/22
2,4-Dinitrotoluene	ND		145	ug/kg	03/09/22	03/11/22
2,6-Dinitrotoluene	ND		145	ug/kg	03/09/22	03/11/22
2-Chloronaphthalene	ND		145	ug/kg	03/09/22	03/11/22
2-Chlorophenol	ND		145	ug/kg	03/09/22	03/11/22
2-Methylnaphthalene	ND		145	ug/kg	03/09/22	03/11/22
Nitrobenzene	ND		145	ug/kg	03/09/22	03/11/22
2-Methylphenol	ND		145	ug/kg	03/09/22	03/11/22
2-Nitroaniline	ND		145	ug/kg	03/09/22	03/11/22
2-Nitrophenol	ND		367	ug/kg	03/09/22	03/11/22
3,3'-Dichlorobenzidine	ND		367	ug/kg	03/09/22	03/11/22
3-Nitroaniline	ND		145	ug/kg	03/09/22	03/11/22
4,6-Dinitro-2-methylphenol	ND		367	ug/kg	03/09/22	03/11/22
4-Bromophenyl phenyl ether	ND		145	ug/kg	03/09/22	03/11/22
4-Chloro-3-methylphenol	ND		145	ug/kg	03/09/22	03/11/22
4-Chloroaniline	ND		145	ug/kg	03/09/22	03/11/22
4-Chlorophenyl phenyl ether	ND		145	ug/kg	03/09/22	03/11/22
4-Nitroaniline	ND		145	ug/kg	03/09/22	03/11/22
4-Nitrophenol	ND		367	ug/kg	03/09/22	03/11/22
Acenaphthene	ND		145	ug/kg	03/09/22	03/11/22
Acenaphthylene	ND		145	ug/kg	03/09/22	03/11/22
Aniline	ND		145	ug/kg	03/09/22	03/11/22
Anthracene	ND		145	ug/kg	03/09/22	03/11/22
Benzo(a)anthracene	ND		145	ug/kg	03/09/22	03/11/22
Benzo(a)pyrene	ND		145	ug/kg	03/09/22	03/11/22
Benzo(b)fluoranthene	ND		145	ug/kg	03/09/22	03/11/22
Benzo(g,h,i)perylene	ND		145	ug/kg	03/09/22	03/11/22
Benzo(k)fluoranthene	ND		145	ug/kg	03/09/22	03/11/22
Benzoic acid	ND		1110	ug/kg	03/09/22	03/11/22
Biphenyl	ND		44	ug/kg	03/09/22	03/11/22
Bis(2-chloroethoxy)methane	ND		145	ug/kg	03/09/22	03/11/22
Bis(2-chloroethyl)ether	ND		145	ug/kg	03/09/22	03/11/22
Bis(2-chloroisopropyl)ether	ND		145	ug/kg	03/09/22	03/11/22
Bis(2-ethylhexyl)phthalate	ND		445	ug/kg	03/09/22	03/11/22
Butyl benzyl phthalate	ND		145	ug/kg	03/09/22	03/11/22
Chrysene	ND		145	ug/kg	03/09/22	03/11/22
Di(n)octyl phthalate	ND		222	ug/kg	03/09/22	03/11/22
Dibenz(a,h)anthracene	ND		145	ug/kg	03/09/22	03/11/22
Dibenzofuran	ND		145	ug/kg	03/09/22	03/11/22

## Results: Semivolatile organic compounds (Continued)

**Sample: TP-3 C Layer 30" (Continued)**

**Lab Number: 2C02068-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		145	ug/kg	03/09/22	03/11/22
Dimethyl phthalate	ND		367	ug/kg	03/09/22	03/11/22
Di-n-butylphthalate	ND		222	ug/kg	03/09/22	03/11/22
Fluoranthene	ND		145	ug/kg	03/09/22	03/11/22
Fluorene	ND		145	ug/kg	03/09/22	03/11/22
Hexachlorobenzene	ND		145	ug/kg	03/09/22	03/11/22
Hexachlorobutadiene	ND		145	ug/kg	03/09/22	03/11/22
Hexachlorocyclopentadiene	ND		367	ug/kg	03/09/22	03/11/22
Hexachloroethane	ND		145	ug/kg	03/09/22	03/11/22
Indeno(1,2,3-cd)pyrene	ND		145	ug/kg	03/09/22	03/11/22
Isophorone	ND		145	ug/kg	03/09/22	03/11/22
Naphthalene	ND		145	ug/kg	03/09/22	03/11/22
N-Nitrosodimethylamine	ND		145	ug/kg	03/09/22	03/11/22
N-Nitrosodi-n-propylamine	ND		145	ug/kg	03/09/22	03/11/22
N-Nitrosodiphenylamine	ND		145	ug/kg	03/09/22	03/11/22
Pentachlorophenol	ND		367	ug/kg	03/09/22	03/11/22
Phenanthrene	ND		145	ug/kg	03/09/22	03/11/22
Pyrene	ND		145	ug/kg	03/09/22	03/11/22
m&p-Cresol	ND		289	ug/kg	03/09/22	03/11/22
Pyridine	ND		145	ug/kg	03/09/22	03/11/22
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Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	62.4%		30-126		03/09/22	03/11/22
<i>p-Terphenyl-d14</i>	107%		47-130		03/09/22	03/11/22
<i>2-Fluorobiphenyl</i>	68.0%		34-130		03/09/22	03/11/22
<i>Phenol-d6</i>	58.4%		30-130		03/09/22	03/11/22
<i>2,4,6-Tribromophenol</i>	86.8%		30-130		03/09/22	03/11/22
<i>2-Fluorophenol</i>	55.5%		30-130		03/09/22	03/11/22

## Results: Semivolatile organic compounds

**Sample: TP-4 Fill A 18"**

**Lab Number: 2C02068-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		154	ug/kg	03/09/22	03/11/22
1,2-Dichlorobenzene	ND		154	ug/kg	03/09/22	03/11/22
1,3-Dichlorobenzene	ND		154	ug/kg	03/09/22	03/11/22
1,4-Dichlorobenzene	ND		154	ug/kg	03/09/22	03/11/22
Phenol	ND		154	ug/kg	03/09/22	03/11/22
2,4,5-Trichlorophenol	ND		154	ug/kg	03/09/22	03/11/22
2,4,6-Trichlorophenol	ND		154	ug/kg	03/09/22	03/11/22
2,4-Dichlorophenol	ND		154	ug/kg	03/09/22	03/11/22
2,4-Dimethylphenol	ND		392	ug/kg	03/09/22	03/11/22
2,4-Dinitrophenol	ND		392	ug/kg	03/09/22	03/11/22
2,4-Dinitrotoluene	ND		154	ug/kg	03/09/22	03/11/22
2,6-Dinitrotoluene	ND		154	ug/kg	03/09/22	03/11/22
2-Chloronaphthalene	ND		154	ug/kg	03/09/22	03/11/22
2-Chlorophenol	ND		154	ug/kg	03/09/22	03/11/22
2-Methylnaphthalene	ND		154	ug/kg	03/09/22	03/11/22
Nitrobenzene	ND		154	ug/kg	03/09/22	03/11/22
2-Methylphenol	ND		154	ug/kg	03/09/22	03/11/22
2-Nitroaniline	ND		154	ug/kg	03/09/22	03/11/22
2-Nitrophenol	ND		392	ug/kg	03/09/22	03/11/22
3,3'-Dichlorobenzidine	ND		392	ug/kg	03/09/22	03/11/22
3-Nitroaniline	ND		154	ug/kg	03/09/22	03/11/22
4,6-Dinitro-2-methylphenol	ND		392	ug/kg	03/09/22	03/11/22
4-Bromophenyl phenyl ether	ND		154	ug/kg	03/09/22	03/11/22
4-Chloro-3-methylphenol	ND		154	ug/kg	03/09/22	03/11/22
4-Chloroaniline	ND		154	ug/kg	03/09/22	03/11/22
4-Chlorophenyl phenyl ether	ND		154	ug/kg	03/09/22	03/11/22
4-Nitroaniline	ND		154	ug/kg	03/09/22	03/11/22
4-Nitrophenol	ND		392	ug/kg	03/09/22	03/11/22
Acenaphthene	ND		154	ug/kg	03/09/22	03/11/22
Acenaphthylene	ND		154	ug/kg	03/09/22	03/11/22
Aniline	ND		154	ug/kg	03/09/22	03/11/22
Anthracene	ND		154	ug/kg	03/09/22	03/11/22
Benzo(a)anthracene	ND		154	ug/kg	03/09/22	03/11/22
Benzo(a)pyrene	ND		154	ug/kg	03/09/22	03/11/22
Benzo(b)fluoranthene	ND		154	ug/kg	03/09/22	03/11/22
Benzo(g,h,i)perylene	ND		154	ug/kg	03/09/22	03/11/22
Benzo(k)fluoranthene	ND		154	ug/kg	03/09/22	03/11/22
Benzoic acid	ND		1190	ug/kg	03/09/22	03/11/22
Biphenyl	ND		48	ug/kg	03/09/22	03/11/22
Bis(2-chloroethoxy)methane	ND		154	ug/kg	03/09/22	03/11/22
Bis(2-chloroethyl)ether	ND		154	ug/kg	03/09/22	03/11/22
Bis(2-chloroisopropyl)ether	ND		154	ug/kg	03/09/22	03/11/22
Bis(2-ethylhexyl)phthalate	ND		475	ug/kg	03/09/22	03/11/22
Butyl benzyl phthalate	ND		154	ug/kg	03/09/22	03/11/22
Chrysene	ND		154	ug/kg	03/09/22	03/11/22
Di(n)octyl phthalate	ND		238	ug/kg	03/09/22	03/11/22
Dibenz(a,h)anthracene	ND		154	ug/kg	03/09/22	03/11/22
Dibenzofuran	ND		154	ug/kg	03/09/22	03/11/22

## Results: Semivolatile organic compounds (Continued)

**Sample: TP-4 Fill A 18" (Continued)**

**Lab Number: 2C02068-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		154	ug/kg	03/09/22	03/11/22
Dimethyl phthalate	ND		392	ug/kg	03/09/22	03/11/22
Di-n-butylphthalate	ND		238	ug/kg	03/09/22	03/11/22
Fluoranthene	ND		154	ug/kg	03/09/22	03/11/22
Fluorene	ND		154	ug/kg	03/09/22	03/11/22
Hexachlorobenzene	ND		154	ug/kg	03/09/22	03/11/22
Hexachlorobutadiene	ND		154	ug/kg	03/09/22	03/11/22
Hexachlorocyclopentadiene	ND		392	ug/kg	03/09/22	03/11/22
Hexachloroethane	ND		154	ug/kg	03/09/22	03/11/22
Indeno(1,2,3-cd)pyrene	ND		154	ug/kg	03/09/22	03/11/22
Isophorone	ND		154	ug/kg	03/09/22	03/11/22
Naphthalene	ND		154	ug/kg	03/09/22	03/11/22
N-Nitrosodimethylamine	ND		154	ug/kg	03/09/22	03/11/22
N-Nitrosodi-n-propylamine	ND		154	ug/kg	03/09/22	03/11/22
N-Nitrosodiphenylamine	ND		154	ug/kg	03/09/22	03/11/22
Pentachlorophenol	ND		392	ug/kg	03/09/22	03/11/22
Phenanthrene	ND		154	ug/kg	03/09/22	03/11/22
Pyrene	ND		154	ug/kg	03/09/22	03/11/22
m&p-Cresol	ND		309	ug/kg	03/09/22	03/11/22
Pyridine	ND		154	ug/kg	03/09/22	03/11/22
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Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	67.9%		30-126		03/09/22	03/11/22
<i>p-Terphenyl-d14</i>	94.2%		47-130		03/09/22	03/11/22
<i>2-Fluorobiphenyl</i>	72.7%		34-130		03/09/22	03/11/22
<i>Phenol-d6</i>	62.6%		30-130		03/09/22	03/11/22
<i>2,4,6-Tribromophenol</i>	82.8%		30-130		03/09/22	03/11/22
<i>2-Fluorophenol</i>	59.4%		30-130		03/09/22	03/11/22



## Results: Semivolatile organic compounds

**Sample: TP-11 Fill A 26"**

**Lab Number: 2C02068-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		290	ug/kg	03/09/22	03/11/22
1,2-Dichlorobenzene	ND		290	ug/kg	03/09/22	03/11/22
1,3-Dichlorobenzene	ND		290	ug/kg	03/09/22	03/11/22
1,4-Dichlorobenzene	ND		290	ug/kg	03/09/22	03/11/22
Phenol	ND		290	ug/kg	03/09/22	03/11/22
2,4,5-Trichlorophenol	ND		290	ug/kg	03/09/22	03/11/22
2,4,6-Trichlorophenol	ND		290	ug/kg	03/09/22	03/11/22
2,4-Dichlorophenol	ND		290	ug/kg	03/09/22	03/11/22
2,4-Dimethylphenol	ND		735	ug/kg	03/09/22	03/11/22
2,4-Dinitrophenol	ND		735	ug/kg	03/09/22	03/11/22
2,4-Dinitrotoluene	ND		290	ug/kg	03/09/22	03/11/22
2,6-Dinitrotoluene	ND		290	ug/kg	03/09/22	03/11/22
2-Chloronaphthalene	ND		290	ug/kg	03/09/22	03/11/22
2-Chlorophenol	ND		290	ug/kg	03/09/22	03/11/22
2-Methylnaphthalene	ND		290	ug/kg	03/09/22	03/11/22
Nitrobenzene	ND		290	ug/kg	03/09/22	03/11/22
2-Methylphenol	ND		290	ug/kg	03/09/22	03/11/22
2-Nitroaniline	ND		290	ug/kg	03/09/22	03/11/22
2-Nitrophenol	ND		735	ug/kg	03/09/22	03/11/22
3,3'-Dichlorobenzidine	ND		735	ug/kg	03/09/22	03/11/22
3-Nitroaniline	ND		290	ug/kg	03/09/22	03/11/22
4,6-Dinitro-2-methylphenol	ND		735	ug/kg	03/09/22	03/11/22
4-Bromophenyl phenyl ether	ND		290	ug/kg	03/09/22	03/11/22
4-Chloro-3-methylphenol	ND		290	ug/kg	03/09/22	03/11/22
4-Chloroaniline	ND		290	ug/kg	03/09/22	03/11/22
4-Chlorophenyl phenyl ether	ND		290	ug/kg	03/09/22	03/11/22
4-Nitroaniline	ND		290	ug/kg	03/09/22	03/11/22
4-Nitrophenol	ND		735	ug/kg	03/09/22	03/11/22
Acenaphthene	ND		290	ug/kg	03/09/22	03/11/22
Acenaphthylene	ND		290	ug/kg	03/09/22	03/11/22
Aniline	ND		290	ug/kg	03/09/22	03/11/22
Anthracene	ND		290	ug/kg	03/09/22	03/11/22
Benzo(a)anthracene	ND		290	ug/kg	03/09/22	03/11/22
Benzo(a)pyrene	ND		290	ug/kg	03/09/22	03/11/22
<b>Benzo(b)fluoranthene</b>	<b>297</b>		290	ug/kg	03/09/22	03/11/22
Benzo(g,h,i)perylene	ND		290	ug/kg	03/09/22	03/11/22
Benzo(k)fluoranthene	ND		290	ug/kg	03/09/22	03/11/22
Benzoic acid	ND		2230	ug/kg	03/09/22	03/11/22
Biphenyl	ND		89	ug/kg	03/09/22	03/11/22
Bis(2-chloroethoxy)methane	ND		290	ug/kg	03/09/22	03/11/22
Bis(2-chloroethyl)ether	ND		290	ug/kg	03/09/22	03/11/22
Bis(2-chloroisopropyl)ether	ND		290	ug/kg	03/09/22	03/11/22
Bis(2-ethylhexyl)phthalate	ND		891	ug/kg	03/09/22	03/11/22
Butyl benzyl phthalate	ND		290	ug/kg	03/09/22	03/11/22
Chrysene	ND		290	ug/kg	03/09/22	03/11/22
Di(n)octyl phthalate	ND		445	ug/kg	03/09/22	03/11/22
Dibenz(a,h)anthracene	ND		290	ug/kg	03/09/22	03/11/22
Dibenzofuran	ND		290	ug/kg	03/09/22	03/11/22

## Results: Semivolatile organic compounds (Continued)

**Sample: TP-11 Fill A 26" (Continued)**

**Lab Number: 2C02068-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		290	ug/kg	03/09/22	03/11/22
Dimethyl phthalate	ND		735	ug/kg	03/09/22	03/11/22
Di-n-butylphthalate	ND		445	ug/kg	03/09/22	03/11/22
<b>Fluoranthene</b>	<b>383</b>		290	ug/kg	03/09/22	03/11/22
Fluorene	ND		290	ug/kg	03/09/22	03/11/22
Hexachlorobenzene	ND		290	ug/kg	03/09/22	03/11/22
Hexachlorobutadiene	ND		290	ug/kg	03/09/22	03/11/22
Hexachlorocyclopentadiene	ND		735	ug/kg	03/09/22	03/11/22
Hexachloroethane	ND		290	ug/kg	03/09/22	03/11/22
Indeno(1,2,3-cd)pyrene	ND		290	ug/kg	03/09/22	03/11/22
Isophorone	ND		290	ug/kg	03/09/22	03/11/22
Naphthalene	ND		290	ug/kg	03/09/22	03/11/22
N-Nitrosodimethylamine	ND		290	ug/kg	03/09/22	03/11/22
N-Nitrosodi-n-propylamine	ND		290	ug/kg	03/09/22	03/11/22
N-Nitrosodiphenylamine	ND		290	ug/kg	03/09/22	03/11/22
Pentachlorophenol	ND		735	ug/kg	03/09/22	03/11/22
Phenanthrene	ND		290	ug/kg	03/09/22	03/11/22
<b>Pyrene</b>	<b>480</b>		290	ug/kg	03/09/22	03/11/22
m&p-Cresol	ND		579	ug/kg	03/09/22	03/11/22
Pyridine	ND		290	ug/kg	03/09/22	03/11/22
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	41.3%		30-126		03/09/22	03/11/22
<i>p-Terphenyl-d14</i>	52.3%		47-130		03/09/22	03/11/22
<i>2-Fluorobiphenyl</i>	45.9%		34-130		03/09/22	03/11/22
<i>Phenol-d6</i>	37.2%		30-130		03/09/22	03/11/22
<i>2,4,6-Tribromophenol</i>	48.8%		30-130		03/09/22	03/11/22
<i>2-Fluorophenol</i>	35.8%		30-130		03/09/22	03/11/22

## Results: Semivolatile organic compounds

**Sample: TP-11 C Layer 58"**

**Lab Number: 2C02068-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		160	ug/kg	03/09/22	03/11/22
1,2-Dichlorobenzene	ND		160	ug/kg	03/09/22	03/11/22
1,3-Dichlorobenzene	ND		160	ug/kg	03/09/22	03/11/22
1,4-Dichlorobenzene	ND		160	ug/kg	03/09/22	03/11/22
Phenol	ND		160	ug/kg	03/09/22	03/11/22
2,4,5-Trichlorophenol	ND		160	ug/kg	03/09/22	03/11/22
2,4,6-Trichlorophenol	ND		160	ug/kg	03/09/22	03/11/22
2,4-Dichlorophenol	ND		160	ug/kg	03/09/22	03/11/22
2,4-Dimethylphenol	ND		405	ug/kg	03/09/22	03/11/22
2,4-Dinitrophenol	ND		405	ug/kg	03/09/22	03/11/22
2,4-Dinitrotoluene	ND		160	ug/kg	03/09/22	03/11/22
2,6-Dinitrotoluene	ND		160	ug/kg	03/09/22	03/11/22
2-Chloronaphthalene	ND		160	ug/kg	03/09/22	03/11/22
2-Chlorophenol	ND		160	ug/kg	03/09/22	03/11/22
2-Methylnaphthalene	ND		160	ug/kg	03/09/22	03/11/22
Nitrobenzene	ND		160	ug/kg	03/09/22	03/11/22
2-Methylphenol	ND		160	ug/kg	03/09/22	03/11/22
2-Nitroaniline	ND		160	ug/kg	03/09/22	03/11/22
2-Nitrophenol	ND		405	ug/kg	03/09/22	03/11/22
3,3'-Dichlorobenzidine	ND		405	ug/kg	03/09/22	03/11/22
3-Nitroaniline	ND		160	ug/kg	03/09/22	03/11/22
4,6-Dinitro-2-methylphenol	ND		405	ug/kg	03/09/22	03/11/22
4-Bromophenyl phenyl ether	ND		160	ug/kg	03/09/22	03/11/22
4-Chloro-3-methylphenol	ND		160	ug/kg	03/09/22	03/11/22
4-Chloroaniline	ND		160	ug/kg	03/09/22	03/11/22
4-Chlorophenyl phenyl ether	ND		160	ug/kg	03/09/22	03/11/22
4-Nitroaniline	ND		160	ug/kg	03/09/22	03/11/22
4-Nitrophenol	ND		405	ug/kg	03/09/22	03/11/22
Acenaphthene	ND		160	ug/kg	03/09/22	03/11/22
Acenaphthylene	ND		160	ug/kg	03/09/22	03/11/22
Aniline	ND		160	ug/kg	03/09/22	03/11/22
Anthracene	ND		160	ug/kg	03/09/22	03/11/22
Benzo(a)anthracene	ND		160	ug/kg	03/09/22	03/11/22
Benzo(a)pyrene	ND		160	ug/kg	03/09/22	03/11/22
Benzo(b)fluoranthene	ND		160	ug/kg	03/09/22	03/11/22
Benzo(g,h,i)perylene	ND		160	ug/kg	03/09/22	03/11/22
Benzo(k)fluoranthene	ND		160	ug/kg	03/09/22	03/11/22
Benzoic acid	ND		1230	ug/kg	03/09/22	03/11/22
Biphenyl	ND		49	ug/kg	03/09/22	03/11/22
Bis(2-chloroethoxy)methane	ND		160	ug/kg	03/09/22	03/11/22
Bis(2-chloroethyl)ether	ND		160	ug/kg	03/09/22	03/11/22
Bis(2-chloroisopropyl)ether	ND		160	ug/kg	03/09/22	03/11/22
Bis(2-ethylhexyl)phthalate	ND		491	ug/kg	03/09/22	03/11/22
Butyl benzyl phthalate	ND		160	ug/kg	03/09/22	03/11/22
Chrysene	ND		160	ug/kg	03/09/22	03/11/22
Di(n)octyl phthalate	ND		246	ug/kg	03/09/22	03/11/22
Dibenz(a,h)anthracene	ND		160	ug/kg	03/09/22	03/11/22
Dibenzofuran	ND		160	ug/kg	03/09/22	03/11/22

## Results: Semivolatile organic compounds (Continued)

**Sample: TP-11 C Layer 58" (Continued)**

**Lab Number: 2C02068-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		160	ug/kg	03/09/22	03/11/22
Dimethyl phthalate	ND		405	ug/kg	03/09/22	03/11/22
Di-n-butylphthalate	ND		246	ug/kg	03/09/22	03/11/22
Fluoranthene	ND		160	ug/kg	03/09/22	03/11/22
Fluorene	ND		160	ug/kg	03/09/22	03/11/22
Hexachlorobenzene	ND		160	ug/kg	03/09/22	03/11/22
Hexachlorobutadiene	ND		160	ug/kg	03/09/22	03/11/22
Hexachlorocyclopentadiene	ND		405	ug/kg	03/09/22	03/11/22
Hexachloroethane	ND		160	ug/kg	03/09/22	03/11/22
Indeno(1,2,3-cd)pyrene	ND		160	ug/kg	03/09/22	03/11/22
Isophorone	ND		160	ug/kg	03/09/22	03/11/22
Naphthalene	ND		160	ug/kg	03/09/22	03/11/22
N-Nitrosodimethylamine	ND		160	ug/kg	03/09/22	03/11/22
N-Nitrosodi-n-propylamine	ND		160	ug/kg	03/09/22	03/11/22
N-Nitrosodiphenylamine	ND		160	ug/kg	03/09/22	03/11/22
Pentachlorophenol	ND		405	ug/kg	03/09/22	03/11/22
Phenanthrene	ND		160	ug/kg	03/09/22	03/11/22
Pyrene	ND		160	ug/kg	03/09/22	03/11/22
m&p-Cresol	ND		319	ug/kg	03/09/22	03/11/22
Pyridine	ND		160	ug/kg	03/09/22	03/11/22
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Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	85.2%		30-126		03/09/22	03/11/22
<i>p-Terphenyl-d14</i>	110%		47-130		03/09/22	03/11/22
<i>2-Fluorobiphenyl</i>	84.9%		34-130		03/09/22	03/11/22
<i>Phenol-d6</i>	74.3%		30-130		03/09/22	03/11/22
<i>2,4,6-Tribromophenol</i>	93.9%		30-130		03/09/22	03/11/22
<i>2-Fluorophenol</i>	68.4%		30-130		03/09/22	03/11/22

## Results: Semivolatile organic compounds

**Sample: TP-11 C Layer 58" (FD)**

**Lab Number: 2C02068-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		155	ug/kg	03/11/22	03/15/22
1,2-Dichlorobenzene	ND		155	ug/kg	03/11/22	03/15/22
1,3-Dichlorobenzene	ND		155	ug/kg	03/11/22	03/15/22
1,4-Dichlorobenzene	ND		155	ug/kg	03/11/22	03/15/22
Phenol	ND		155	ug/kg	03/11/22	03/15/22
2,4,5-Trichlorophenol	ND		155	ug/kg	03/11/22	03/15/22
2,4,6-Trichlorophenol	ND		155	ug/kg	03/11/22	03/15/22
2,4-Dichlorophenol	ND		155	ug/kg	03/11/22	03/15/22
2,4-Dimethylphenol	ND		395	ug/kg	03/11/22	03/15/22
2,4-Dinitrophenol	ND		395	ug/kg	03/11/22	03/15/22
2,4-Dinitrotoluene	ND		155	ug/kg	03/11/22	03/15/22
2,6-Dinitrotoluene	ND		155	ug/kg	03/11/22	03/15/22
2-Chloronaphthalene	ND		155	ug/kg	03/11/22	03/15/22
2-Chlorophenol	ND		155	ug/kg	03/11/22	03/15/22
2-Methylnaphthalene	ND		155	ug/kg	03/11/22	03/15/22
Nitrobenzene	ND		155	ug/kg	03/11/22	03/15/22
2-Methylphenol	ND		155	ug/kg	03/11/22	03/15/22
2-Nitroaniline	ND		155	ug/kg	03/11/22	03/15/22
2-Nitrophenol	ND		395	ug/kg	03/11/22	03/15/22
3,3'-Dichlorobenzidine	ND		395	ug/kg	03/11/22	03/15/22
3-Nitroaniline	ND		155	ug/kg	03/11/22	03/15/22
4,6-Dinitro-2-methylphenol	ND		395	ug/kg	03/11/22	03/15/22
4-Bromophenyl phenyl ether	ND		155	ug/kg	03/11/22	03/15/22
4-Chloro-3-methylphenol	ND		155	ug/kg	03/11/22	03/15/22
4-Chloroaniline	ND		155	ug/kg	03/11/22	03/15/22
4-Chlorophenyl phenyl ether	ND		155	ug/kg	03/11/22	03/15/22
4-Nitroaniline	ND		155	ug/kg	03/11/22	03/15/22
4-Nitrophenol	ND		395	ug/kg	03/11/22	03/15/22
Acenaphthene	ND		155	ug/kg	03/11/22	03/15/22
Acenaphthylene	ND		155	ug/kg	03/11/22	03/15/22
Aniline	ND		155	ug/kg	03/11/22	03/15/22
Anthracene	ND		155	ug/kg	03/11/22	03/15/22
Benzo(a)anthracene	ND		155	ug/kg	03/11/22	03/15/22
Benzo(a)pyrene	ND		155	ug/kg	03/11/22	03/15/22
Benzo(b)fluoranthene	ND		155	ug/kg	03/11/22	03/15/22
Benzo(g,h,i)perylene	ND		155	ug/kg	03/11/22	03/15/22
Benzo(k)fluoranthene	ND		155	ug/kg	03/11/22	03/15/22
Benzoic acid	ND		1200	ug/kg	03/11/22	03/15/22
Biphenyl	ND		48	ug/kg	03/11/22	03/15/22
Bis(2-chloroethoxy)methane	ND		155	ug/kg	03/11/22	03/15/22
Bis(2-chloroethyl)ether	ND		155	ug/kg	03/11/22	03/15/22
Bis(2-chloroisopropyl)ether	ND		155	ug/kg	03/11/22	03/15/22
Bis(2-ethylhexyl)phthalate	ND		478	ug/kg	03/11/22	03/15/22
Butyl benzyl phthalate	ND		155	ug/kg	03/11/22	03/15/22
Chrysene	ND		155	ug/kg	03/11/22	03/15/22
Di(n)octyl phthalate	ND		239	ug/kg	03/11/22	03/15/22
Dibenz(a,h)anthracene	ND		155	ug/kg	03/11/22	03/15/22
Dibenzofuran	ND		155	ug/kg	03/11/22	03/15/22

## Results: Semivolatile organic compounds (Continued)

**Sample: TP-11 C Layer 58" (FD) (Continued)**

**Lab Number: 2C02068-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		155	ug/kg	03/11/22	03/15/22
Dimethyl phthalate	ND		395	ug/kg	03/11/22	03/15/22
Di-n-butylphthalate	ND		239	ug/kg	03/11/22	03/15/22
Fluoranthene	ND		155	ug/kg	03/11/22	03/15/22
Fluorene	ND		155	ug/kg	03/11/22	03/15/22
Hexachlorobenzene	ND		155	ug/kg	03/11/22	03/15/22
Hexachlorobutadiene	ND		155	ug/kg	03/11/22	03/15/22
Hexachlorocyclopentadiene	ND		395	ug/kg	03/11/22	03/15/22
Hexachloroethane	ND		155	ug/kg	03/11/22	03/15/22
Indeno(1,2,3-cd)pyrene	ND		155	ug/kg	03/11/22	03/15/22
Isophorone	ND		155	ug/kg	03/11/22	03/15/22
Naphthalene	ND		155	ug/kg	03/11/22	03/15/22
N-Nitrosodimethylamine	ND		155	ug/kg	03/11/22	03/15/22
N-Nitrosodi-n-propylamine	ND		155	ug/kg	03/11/22	03/15/22
N-Nitrosodiphenylamine	ND		155	ug/kg	03/11/22	03/15/22
Pentachlorophenol	ND		395	ug/kg	03/11/22	03/15/22
Phenanthrene	ND		155	ug/kg	03/11/22	03/15/22
Pyrene	ND		155	ug/kg	03/11/22	03/15/22
m&p-Cresol	ND		311	ug/kg	03/11/22	03/15/22
Pyridine	ND		155	ug/kg	03/11/22	03/15/22
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Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	68.9%		30-126		03/11/22	03/15/22
<i>p-Terphenyl-d14</i>	85.4%		47-130		03/11/22	03/15/22
<i>2-Fluorobiphenyl</i>	70.3%		34-130		03/11/22	03/15/22
<i>Phenol-d6</i>	69.4%		30-130		03/11/22	03/15/22
<i>2,4,6-Tribromophenol</i>	87.8%		30-130		03/11/22	03/15/22
<i>2-Fluorophenol</i>	68.9%		30-130		03/11/22	03/15/22

## Results: Semivolatile organic compounds

**Sample: TP-14 Fill A 18"**

**Lab Number: 2C02068-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		153	ug/kg	03/11/22	03/15/22
1,2-Dichlorobenzene	ND		153	ug/kg	03/11/22	03/15/22
1,3-Dichlorobenzene	ND		153	ug/kg	03/11/22	03/15/22
1,4-Dichlorobenzene	ND		153	ug/kg	03/11/22	03/15/22
Phenol	ND		153	ug/kg	03/11/22	03/15/22
2,4,5-Trichlorophenol	ND		153	ug/kg	03/11/22	03/15/22
2,4,6-Trichlorophenol	ND		153	ug/kg	03/11/22	03/15/22
2,4-Dichlorophenol	ND		153	ug/kg	03/11/22	03/15/22
2,4-Dimethylphenol	ND		388	ug/kg	03/11/22	03/15/22
2,4-Dinitrophenol	ND		388	ug/kg	03/11/22	03/15/22
2,4-Dinitrotoluene	ND		153	ug/kg	03/11/22	03/15/22
2,6-Dinitrotoluene	ND		153	ug/kg	03/11/22	03/15/22
2-Chloronaphthalene	ND		153	ug/kg	03/11/22	03/15/22
2-Chlorophenol	ND		153	ug/kg	03/11/22	03/15/22
2-Methylnaphthalene	ND		153	ug/kg	03/11/22	03/15/22
Nitrobenzene	ND		153	ug/kg	03/11/22	03/15/22
2-Methylphenol	ND		153	ug/kg	03/11/22	03/15/22
2-Nitroaniline	ND		153	ug/kg	03/11/22	03/15/22
2-Nitrophenol	ND		388	ug/kg	03/11/22	03/15/22
3,3'-Dichlorobenzidine	ND		388	ug/kg	03/11/22	03/15/22
3-Nitroaniline	ND		153	ug/kg	03/11/22	03/15/22
4,6-Dinitro-2-methylphenol	ND		388	ug/kg	03/11/22	03/15/22
4-Bromophenyl phenyl ether	ND		153	ug/kg	03/11/22	03/15/22
4-Chloro-3-methylphenol	ND		153	ug/kg	03/11/22	03/15/22
4-Chloroaniline	ND		153	ug/kg	03/11/22	03/15/22
4-Chlorophenyl phenyl ether	ND		153	ug/kg	03/11/22	03/15/22
4-Nitroaniline	ND		153	ug/kg	03/11/22	03/15/22
4-Nitrophenol	ND		388	ug/kg	03/11/22	03/15/22
Acenaphthene	ND		153	ug/kg	03/11/22	03/15/22
Acenaphthylene	ND		153	ug/kg	03/11/22	03/15/22
Aniline	ND		153	ug/kg	03/11/22	03/15/22
Anthracene	ND		153	ug/kg	03/11/22	03/15/22
Benzo(a)anthracene	ND		153	ug/kg	03/11/22	03/15/22
Benzo(a)pyrene	ND		153	ug/kg	03/11/22	03/15/22
Benzo(b)fluoranthene	ND		153	ug/kg	03/11/22	03/15/22
Benzo(g,h,i)perylene	ND		153	ug/kg	03/11/22	03/15/22
Benzo(k)fluoranthene	ND		153	ug/kg	03/11/22	03/15/22
Benzoic acid	ND		1170	ug/kg	03/11/22	03/15/22
Biphenyl	ND		47	ug/kg	03/11/22	03/15/22
Bis(2-chloroethoxy)methane	ND		153	ug/kg	03/11/22	03/15/22
Bis(2-chloroethyl)ether	ND		153	ug/kg	03/11/22	03/15/22
Bis(2-chloroisopropyl)ether	ND		153	ug/kg	03/11/22	03/15/22
Bis(2-ethylhexyl)phthalate	ND		470	ug/kg	03/11/22	03/15/22
Butyl benzyl phthalate	ND		153	ug/kg	03/11/22	03/15/22
Chrysene	ND		153	ug/kg	03/11/22	03/15/22
Di(n)octyl phthalate	ND		235	ug/kg	03/11/22	03/15/22
Dibenz(a,h)anthracene	ND		153	ug/kg	03/11/22	03/15/22
Dibenzofuran	ND		153	ug/kg	03/11/22	03/15/22

## Results: Semivolatile organic compounds (Continued)

**Sample: TP-14 Fill A 18" (Continued)**

**Lab Number: 2C02068-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		153	ug/kg	03/11/22	03/15/22
Dimethyl phthalate	ND		388	ug/kg	03/11/22	03/15/22
Di-n-butylphthalate	ND		235	ug/kg	03/11/22	03/15/22
<b>Fluoranthene</b>	<b>247</b>		153	ug/kg	03/11/22	03/15/22
Fluorene	ND		153	ug/kg	03/11/22	03/15/22
Hexachlorobenzene	ND		153	ug/kg	03/11/22	03/15/22
Hexachlorobutadiene	ND		153	ug/kg	03/11/22	03/15/22
Hexachlorocyclopentadiene	ND		388	ug/kg	03/11/22	03/15/22
Hexachloroethane	ND		153	ug/kg	03/11/22	03/15/22
Indeno(1,2,3-cd)pyrene	ND		153	ug/kg	03/11/22	03/15/22
Isophorone	ND		153	ug/kg	03/11/22	03/15/22
Naphthalene	ND		153	ug/kg	03/11/22	03/15/22
N-Nitrosodimethylamine	ND		153	ug/kg	03/11/22	03/15/22
N-Nitrosodi-n-propylamine	ND		153	ug/kg	03/11/22	03/15/22
N-Nitrosodiphenylamine	ND		153	ug/kg	03/11/22	03/15/22
Pentachlorophenol	ND		388	ug/kg	03/11/22	03/15/22
Phenanthrene	ND		153	ug/kg	03/11/22	03/15/22
<b>Pyrene</b>	<b>242</b>		153	ug/kg	03/11/22	03/15/22
m&p-Cresol	ND		305	ug/kg	03/11/22	03/15/22
Pyridine	ND		153	ug/kg	03/11/22	03/15/22
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	64.4%		30-126		03/11/22	03/15/22
<i>p-Terphenyl-d14</i>	83.0%		47-130		03/11/22	03/15/22
<i>2-Fluorobiphenyl</i>	64.7%		34-130		03/11/22	03/15/22
<i>Phenol-d6</i>	64.9%		30-130		03/11/22	03/15/22
<i>2,4,6-Tribromophenol</i>	84.3%		30-130		03/11/22	03/15/22
<i>2-Fluorophenol</i>	63.3%		30-130		03/11/22	03/15/22



## Results: Semivolatile organic compounds

**Sample: TP-14 C Layer 28"**

**Lab Number: 2C02068-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		149	ug/kg	03/11/22	03/15/22
1,2-Dichlorobenzene	ND		149	ug/kg	03/11/22	03/15/22
1,3-Dichlorobenzene	ND		149	ug/kg	03/11/22	03/15/22
1,4-Dichlorobenzene	ND		149	ug/kg	03/11/22	03/15/22
Phenol	ND		149	ug/kg	03/11/22	03/15/22
2,4,5-Trichlorophenol	ND		149	ug/kg	03/11/22	03/15/22
2,4,6-Trichlorophenol	ND		149	ug/kg	03/11/22	03/15/22
2,4-Dichlorophenol	ND		149	ug/kg	03/11/22	03/15/22
2,4-Dimethylphenol	ND		378	ug/kg	03/11/22	03/15/22
2,4-Dinitrophenol	ND		378	ug/kg	03/11/22	03/15/22
2,4-Dinitrotoluene	ND		149	ug/kg	03/11/22	03/15/22
2,6-Dinitrotoluene	ND		149	ug/kg	03/11/22	03/15/22
2-Chloronaphthalene	ND		149	ug/kg	03/11/22	03/15/22
2-Chlorophenol	ND		149	ug/kg	03/11/22	03/15/22
2-Methylnaphthalene	ND		149	ug/kg	03/11/22	03/15/22
Nitrobenzene	ND		149	ug/kg	03/11/22	03/15/22
2-Methylphenol	ND		149	ug/kg	03/11/22	03/15/22
2-Nitroaniline	ND		149	ug/kg	03/11/22	03/15/22
2-Nitrophenol	ND		378	ug/kg	03/11/22	03/15/22
3,3'-Dichlorobenzidine	ND		378	ug/kg	03/11/22	03/15/22
3-Nitroaniline	ND		149	ug/kg	03/11/22	03/15/22
4,6-Dinitro-2-methylphenol	ND		378	ug/kg	03/11/22	03/15/22
4-Bromophenyl phenyl ether	ND		149	ug/kg	03/11/22	03/15/22
4-Chloro-3-methylphenol	ND		149	ug/kg	03/11/22	03/15/22
4-Chloroaniline	ND		149	ug/kg	03/11/22	03/15/22
4-Chlorophenyl phenyl ether	ND		149	ug/kg	03/11/22	03/15/22
4-Nitroaniline	ND		149	ug/kg	03/11/22	03/15/22
4-Nitrophenol	ND		378	ug/kg	03/11/22	03/15/22
Acenaphthene	ND		149	ug/kg	03/11/22	03/15/22
Acenaphthylene	ND		149	ug/kg	03/11/22	03/15/22
Aniline	ND		149	ug/kg	03/11/22	03/15/22
Anthracene	ND		149	ug/kg	03/11/22	03/15/22
Benzo(a)anthracene	ND		149	ug/kg	03/11/22	03/15/22
Benzo(a)pyrene	ND		149	ug/kg	03/11/22	03/15/22
Benzo(b)fluoranthene	ND		149	ug/kg	03/11/22	03/15/22
Benzo(g,h,i)perylene	ND		149	ug/kg	03/11/22	03/15/22
Benzo(k)fluoranthene	ND		149	ug/kg	03/11/22	03/15/22
Benzoic acid	ND		1150	ug/kg	03/11/22	03/15/22
Biphenyl	ND		46	ug/kg	03/11/22	03/15/22
Bis(2-chloroethoxy)methane	ND		149	ug/kg	03/11/22	03/15/22
Bis(2-chloroethyl)ether	ND		149	ug/kg	03/11/22	03/15/22
Bis(2-chloroisopropyl)ether	ND		149	ug/kg	03/11/22	03/15/22
Bis(2-ethylhexyl)phthalate	ND		458	ug/kg	03/11/22	03/15/22
Butyl benzyl phthalate	ND		149	ug/kg	03/11/22	03/15/22
Chrysene	ND		149	ug/kg	03/11/22	03/15/22
Di(n)octyl phthalate	ND		229	ug/kg	03/11/22	03/15/22
Dibenz(a,h)anthracene	ND		149	ug/kg	03/11/22	03/15/22
Dibenzofuran	ND		149	ug/kg	03/11/22	03/15/22

## Results: Semivolatile organic compounds (Continued)

**Sample: TP-14 C Layer 28" (Continued)**

**Lab Number: 2C02068-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		149	ug/kg	03/11/22	03/15/22
Dimethyl phthalate	ND		378	ug/kg	03/11/22	03/15/22
Di-n-butylphthalate	ND		229	ug/kg	03/11/22	03/15/22
Fluoranthene	ND		149	ug/kg	03/11/22	03/15/22
Fluorene	ND		149	ug/kg	03/11/22	03/15/22
Hexachlorobenzene	ND		149	ug/kg	03/11/22	03/15/22
Hexachlorobutadiene	ND		149	ug/kg	03/11/22	03/15/22
Hexachlorocyclopentadiene	ND		378	ug/kg	03/11/22	03/15/22
Hexachloroethane	ND		149	ug/kg	03/11/22	03/15/22
Indeno(1,2,3-cd)pyrene	ND		149	ug/kg	03/11/22	03/15/22
Isophorone	ND		149	ug/kg	03/11/22	03/15/22
Naphthalene	ND		149	ug/kg	03/11/22	03/15/22
N-Nitrosodimethylamine	ND		149	ug/kg	03/11/22	03/15/22
N-Nitrosodi-n-propylamine	ND		149	ug/kg	03/11/22	03/15/22
N-Nitrosodiphenylamine	ND		149	ug/kg	03/11/22	03/15/22
Pentachlorophenol	ND		378	ug/kg	03/11/22	03/15/22
Phenanthrene	ND		149	ug/kg	03/11/22	03/15/22
Pyrene	ND		149	ug/kg	03/11/22	03/15/22
m&p-Cresol	ND		298	ug/kg	03/11/22	03/15/22
Pyridine	ND		149	ug/kg	03/11/22	03/15/22
<hr/>						
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	62.0%		30-126		03/11/22	03/15/22
<i>p-Terphenyl-d14</i>	80.8%		47-130		03/11/22	03/15/22
<i>2-Fluorobiphenyl</i>	62.0%		34-130		03/11/22	03/15/22
<i>Phenol-d6</i>	61.8%		30-130		03/11/22	03/15/22
<i>2,4,6-Tribromophenol</i>	79.6%		30-130		03/11/22	03/15/22
<i>2-Fluorophenol</i>	63.0%		30-130		03/11/22	03/15/22

## Results: Polychlorinated Biphenyls (PCBs)

**Sample: TP-3 Fill A 17"**

**Lab Number: 2C02068-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1221	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1232	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1242	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1248	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1254	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1260	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1262	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1268	ND		78	ug/kg	03/10/22	03/11/22
PCBs (Total)	ND		78	ug/kg	03/10/22	03/11/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	79.9%		36.2-130		03/10/22	03/11/22
<i>Decachlorobiphenyl (DCBP)</i>	67.6%		43.3-130		03/10/22	03/11/22

## Results: Polychlorinated Biphenyls (PCBs)

**Sample: TP-3 C Layer 30"**

**Lab Number: 2C02068-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		74	ug/kg	03/10/22	03/11/22
Aroclor-1221	ND		74	ug/kg	03/10/22	03/11/22
Aroclor-1232	ND		74	ug/kg	03/10/22	03/11/22
Aroclor-1242	ND		74	ug/kg	03/10/22	03/11/22
Aroclor-1248	ND		74	ug/kg	03/10/22	03/11/22
Aroclor-1254	ND		74	ug/kg	03/10/22	03/11/22
Aroclor-1260	ND		74	ug/kg	03/10/22	03/11/22
Aroclor-1262	ND		74	ug/kg	03/10/22	03/11/22
Aroclor-1268	ND		74	ug/kg	03/10/22	03/11/22
PCBs (Total)	ND		74	ug/kg	03/10/22	03/11/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	79.2%		36.2-130		03/10/22	03/11/22
<i>Decachlorobiphenyl (DCBP)</i>	67.3%		43.3-130		03/10/22	03/11/22

**Results: Polychlorinated Biphenyls (PCBs)****Sample: TP-4 Fill A 18"****Lab Number: 2C02068-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		77	ug/kg	03/10/22	03/11/22
Aroclor-1221	ND		77	ug/kg	03/10/22	03/11/22
Aroclor-1232	ND		77	ug/kg	03/10/22	03/11/22
Aroclor-1242	ND		77	ug/kg	03/10/22	03/11/22
Aroclor-1248	ND		77	ug/kg	03/10/22	03/11/22
Aroclor-1254	ND		77	ug/kg	03/10/22	03/11/22
Aroclor-1260	ND		77	ug/kg	03/10/22	03/11/22
Aroclor-1262	ND		77	ug/kg	03/10/22	03/11/22
Aroclor-1268	ND		77	ug/kg	03/10/22	03/11/22
PCBs (Total)	ND		77	ug/kg	03/10/22	03/11/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	91.3%		36.2-130		03/10/22	03/11/22
<i>Decachlorobiphenyl (DCBP)</i>	72.3%		43.3-130		03/10/22	03/11/22

## Results: Polychlorinated Biphenyls (PCBs)

**Sample: TP-11 Fill A 26"**

**Lab Number: 2C02068-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		70	ug/kg	03/10/22	03/11/22
Aroclor-1221	ND		70	ug/kg	03/10/22	03/11/22
Aroclor-1232	ND		70	ug/kg	03/10/22	03/11/22
Aroclor-1242	ND		70	ug/kg	03/10/22	03/11/22
Aroclor-1248	ND		70	ug/kg	03/10/22	03/11/22
Aroclor-1254	ND		70	ug/kg	03/10/22	03/11/22
Aroclor-1260	ND		70	ug/kg	03/10/22	03/11/22
<b>Aroclor-1262</b>	<b>486</b>		70	ug/kg	03/10/22	03/11/22
Aroclor-1268	ND		70	ug/kg	03/10/22	03/11/22
<b>PCBs (Total)</b>	<b>486</b>		70	ug/kg	03/10/22	03/11/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	63.8%		36.2-130		03/10/22	03/11/22
<i>Decachlorobiphenyl (DCBP)</i>	78.4%		43.3-130		03/10/22	03/11/22

## Results: Polychlorinated Biphenyls (PCBs)

**Sample: TP-11 C Layer 58"**

**Lab Number: 2C02068-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		81	ug/kg	03/10/22	03/11/22
Aroclor-1221	ND		81	ug/kg	03/10/22	03/11/22
Aroclor-1232	ND		81	ug/kg	03/10/22	03/11/22
Aroclor-1242	ND		81	ug/kg	03/10/22	03/11/22
Aroclor-1248	ND		81	ug/kg	03/10/22	03/11/22
Aroclor-1254	ND		81	ug/kg	03/10/22	03/11/22
Aroclor-1260	ND		81	ug/kg	03/10/22	03/11/22
Aroclor-1262	ND		81	ug/kg	03/10/22	03/11/22
Aroclor-1268	ND		81	ug/kg	03/10/22	03/11/22
PCBs (Total)	ND		81	ug/kg	03/10/22	03/11/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	80.0%		36.2-130		03/10/22	03/11/22
<i>Decachlorobiphenyl (DCBP)</i>	71.8%		43.3-130		03/10/22	03/11/22

## Results: Polychlorinated Biphenyls (PCBs)

**Sample: TP-11 C Layer 58" (FD)**

**Lab Number: 2C02068-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		77	ug/kg	03/10/22	03/11/22
Aroclor-1221	ND		77	ug/kg	03/10/22	03/11/22
Aroclor-1232	ND		77	ug/kg	03/10/22	03/11/22
Aroclor-1242	ND		77	ug/kg	03/10/22	03/11/22
Aroclor-1248	ND		77	ug/kg	03/10/22	03/11/22
Aroclor-1254	ND		77	ug/kg	03/10/22	03/11/22
Aroclor-1260	ND		77	ug/kg	03/10/22	03/11/22
Aroclor-1262	ND		77	ug/kg	03/10/22	03/11/22
Aroclor-1268	ND		77	ug/kg	03/10/22	03/11/22
PCBs (Total)	ND		77	ug/kg	03/10/22	03/11/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	70.7%		36.2-130		03/10/22	03/11/22
<i>Decachlorobiphenyl (DCBP)</i>	77.3%		43.3-130		03/10/22	03/11/22



## Results: Polychlorinated Biphenyls (PCBs)

**Sample: TP-14 Fill A 18"**

**Lab Number: 2C02068-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		75	ug/kg	03/10/22	03/11/22
Aroclor-1221	ND		75	ug/kg	03/10/22	03/11/22
Aroclor-1232	ND		75	ug/kg	03/10/22	03/11/22
Aroclor-1242	ND		75	ug/kg	03/10/22	03/11/22
Aroclor-1248	ND		75	ug/kg	03/10/22	03/11/22
Aroclor-1254	ND		75	ug/kg	03/10/22	03/11/22
Aroclor-1260	ND		75	ug/kg	03/10/22	03/11/22
Aroclor-1262	ND		75	ug/kg	03/10/22	03/11/22
Aroclor-1268	ND		75	ug/kg	03/10/22	03/11/22
PCBs (Total)	ND		75	ug/kg	03/10/22	03/11/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	73.7%		36.2-130		03/10/22	03/11/22
<i>Decachlorobiphenyl (DCBP)</i>	77.5%		43.3-130		03/10/22	03/11/22

## Results: Polychlorinated Biphenyls (PCBs)

**Sample: TP-14 C Layer 28"**

**Lab Number: 2C02068-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		72	ug/kg	03/10/22	03/11/22
Aroclor-1221	ND		72	ug/kg	03/10/22	03/11/22
Aroclor-1232	ND		72	ug/kg	03/10/22	03/11/22
Aroclor-1242	ND		72	ug/kg	03/10/22	03/11/22
Aroclor-1248	ND		72	ug/kg	03/10/22	03/11/22
Aroclor-1254	ND		72	ug/kg	03/10/22	03/11/22
Aroclor-1260	ND		72	ug/kg	03/10/22	03/11/22
Aroclor-1262	ND		72	ug/kg	03/10/22	03/11/22
Aroclor-1268	ND		72	ug/kg	03/10/22	03/11/22
PCBs (Total)	ND		72	ug/kg	03/10/22	03/11/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	77.1%		36.2-130		03/10/22	03/11/22
<i>Decachlorobiphenyl (DCBP)</i>	69.7%		43.3-130		03/10/22	03/11/22

**Results: Total Petroleum Hydrocarbons**

**Sample: TP-3 Fill A 17"**  
**Lab Number: 2C02068-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		32	mg/kg	03/08/22	03/13/22
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>78.4%</i>		<i>50-130</i>		03/08/22	03/13/22

**Results: Total Petroleum Hydrocarbons****Sample: TP-3 C Layer 30"****Lab Number: 2C02068-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		30	mg/kg	03/08/22	03/12/22
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>68.9%</i>		<i>50-130</i>		03/08/22	03/12/22

**Results: Total Petroleum Hydrocarbons**

**Sample: TP-4 Fill A 18"**  
**Lab Number: 2C02068-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		31	mg/kg	03/11/22	03/13/22
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>84.8%</i>		<i>50-130</i>		03/11/22	03/13/22

**Results: Total Petroleum Hydrocarbons****Sample: TP-11 Fill A 26"****Lab Number: 2C02068-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
<b>Total Petroleum Hydrocarbons</b>	<b>237</b>		145	mg/kg	03/11/22	03/13/22
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>79.9%</i>		<i>50-130</i>		03/11/22	03/13/22

**Results: Total Petroleum Hydrocarbons****Sample: TP-11 C Layer 58"****Lab Number: 2C02068-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		33	mg/kg	03/11/22	03/13/22
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>84.2%</i>		<i>50-130</i>		03/11/22	03/13/22

**Results: Total Petroleum Hydrocarbons****Sample: TP-11 C Layer 58" (FD)****Lab Number: 2C02068-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		31	mg/kg	03/11/22	03/13/22
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	76.3%		50-130		03/11/22	03/13/22



**Results: Total Petroleum Hydrocarbons****Sample: TP-14 Fill A 18"****Lab Number: 2C02068-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		31	mg/kg	03/11/22	03/13/22
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>82.4%</i>		<i>50-130</i>		03/11/22	03/13/22

**Results: Total Petroleum Hydrocarbons****Sample: TP-14 C Layer 28"****Lab Number: 2C02068-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		31	mg/kg	03/11/22	03/13/22
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>75.0%</i>		<i>50-130</i>		03/11/22	03/13/22

### Results: TCLP Metals

**Sample: TP-4 Fill A 18"**  
**Lab Number: 2C02068-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Lead	0.139		0.025	mg/L	03/09/22	03/09/22

### Results: TCLP Metals

**Sample: TP-11 Fill A 26"**  
**Lab Number: 2C02068-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Lead	ND		0.025	mg/L	03/09/22	03/09/22

## Quality Control

### General Chemistry

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2C0181 - Conductivity</b>										
<b>Blank (B2C0181-BLK1)</b>										
Specific Conductance	ND		2.0	uS/cm						Prepared & Analyzed: 03/03/22
<b>Duplicate (B2C0181-DUP1)</b>										
Specific Conductance	308		2.0	uS/cm		Source: 2C02030-01 377			20.1	200
<b>Batch: B2C0410 - Flashpoint-EPA 1010A-Mod</b>										
<b>LCS (B2C0410-BS1)</b>										
Flashpoint	83		70	degrees F	80.0		104	90-110		Prepared & Analyzed: 03/08/22
<b>Duplicate (B2C0410-DUP1)</b>										
Flashpoint	> 200		70	degrees F		Source: 2B28028-12 ND				20
<b>Batch: B2C0421 - pH</b>										
<b>LCS (B2C0421-BS1)</b>										
pH	6.9			SU	7.00		99.1	0-200		Prepared & Analyzed: 03/08/22
<b>LCS (B2C0421-BS2)</b>										
pH	7.0			SU	7.00		99.3	0-200		Prepared & Analyzed: 03/08/22
<b>Duplicate (B2C0421-DUP1)</b>										
pH	5.9			SU		Source: 2C02068-01 5.9			0.507	200

**Quality Control**  
(Continued)

**Total Metals**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2C0221 - Metals Cold-Vapor Mercury</b>										
<b>Blank (B2C0221-BLK1)</b>					Prepared & Analyzed: 03/03/22					
Mercury	ND		0.035	mg/kg						
<b>LCS (B2C0221-BS1)</b>					Prepared & Analyzed: 03/03/22					
Mercury	0.070		0.035	mg/kg	0.0714		97.7	93-114		
<b>Batch: B2C0237 - Metals Digestion Soils</b>										
<b>Blank (B2C0237-BLK1)</b>					Prepared: 03/03/22 Analyzed: 03/07/22					
Selenium	ND		1.00	mg/kg						
Arsenic	ND		1.00	mg/kg						
Silver	ND		1.00	mg/kg						
Lead	ND		0.50	mg/kg						
Barium	ND		0.33	mg/kg						
Cadmium	ND		0.50	mg/kg						
Chromium	ND		0.50	mg/kg						
<b>LCS (B2C0237-BS1)</b>					Prepared: 03/03/22 Analyzed: 03/07/22					
Arsenic	18.4		1.00	mg/kg	20.0		92.1	85-115		
Selenium	18.9		1.00	mg/kg	20.0		94.4	85-115		
Silver	40.1		1.00	mg/kg	40.0		100	85-115		
Barium	90.2		0.33	mg/kg	100		90.2	85-115		
Lead	89.4		0.50	mg/kg	100		89.4	85-115		
Cadmium	90.3		0.50	mg/kg	100		90.3	85-115		
Chromium	90.9		0.50	mg/kg	100		90.9	85-115		

**Quality Control**  
(Continued)

**Volatile Organic Compounds**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2C0524 - EPA 5035</b>										
<b>Blank (B2C0524-BLK1)</b>					Prepared & Analyzed: 03/04/22					
Acetone	ND		5	ug/kg						
Benzene	ND		5	ug/kg						
Bromobenzene	ND		5	ug/kg						
Bromochloromethane	ND		5	ug/kg						
Bromodichloromethane	ND		5	ug/kg						
Bromoform	ND		5	ug/kg						
Bromomethane	ND		5	ug/kg						
2-Butanone	ND		5	ug/kg						
tert-Butyl alcohol	ND		5	ug/kg						
sec-Butylbenzene	ND		5	ug/kg						
n-Butylbenzene	ND		5	ug/kg						
tert-Butylbenzene	ND		5	ug/kg						
Methyl t-butyl ether (MTBE)	ND		5	ug/kg						
Carbon Disulfide	ND		5	ug/kg						
Carbon Tetrachloride	ND		5	ug/kg						
Chlorobenzene	ND		5	ug/kg						
Chloroethane	ND		5	ug/kg						
Chloroform	ND		5	ug/kg						
Chloromethane	ND		5	ug/kg						
4-Chlorotoluene	ND		5	ug/kg						
2-Chlorotoluene	ND		5	ug/kg						
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg						
Dibromochloromethane	ND		5	ug/kg						
1,2-Dibromoethane (EDB)	ND		5	ug/kg						
Dibromomethane	ND		5	ug/kg						
1,2-Dichlorobenzene	ND		5	ug/kg						
1,3-Dichlorobenzene	ND		5	ug/kg						
1,4-Dichlorobenzene	ND		5	ug/kg						
1,1-Dichloroethane	ND		5	ug/kg						
1,2-Dichloroethane	ND		5	ug/kg						
trans-1,2-Dichloroethene	ND		5	ug/kg						
cis-1,2-Dichloroethene	ND		5	ug/kg						
1,1-Dichloroethene	ND		5	ug/kg						
1,2-Dichloropropane	ND		5	ug/kg						
2,2-Dichloropropane	ND		5	ug/kg						
cis-1,3-Dichloropropene	ND		5	ug/kg						
trans-1,3-Dichloropropene	ND		5	ug/kg						
1,1-Dichloropropene	ND		5	ug/kg						
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg						
Diethyl ether	ND		5	ug/kg						
1,4-Dioxane	ND		100	ug/kg						
Ethylbenzene	ND		5	ug/kg						
Hexachlorobutadiene	ND		5	ug/kg						
2-Hexanone	ND		5	ug/kg						
Isopropylbenzene	ND		5	ug/kg						
p-Isopropyltoluene	ND		5	ug/kg						
Methylene Chloride	ND		5	ug/kg						
4-Methyl-2-pentanone	ND		5	ug/kg						
Naphthalene	ND		5	ug/kg						
n-Propylbenzene	ND		5	ug/kg						
Styrene	ND		5	ug/kg						
1,1,1,2-Tetrachloroethane	ND		5	ug/kg						
Tetrachloroethene	ND		5	ug/kg						
Tetrahydrofuran	ND		5	ug/kg						
Toluene	ND		5	ug/kg						
1,2,4-Trichlorobenzene	ND		5	ug/kg						
1,2,3-Trichlorobenzene	ND		5	ug/kg						

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2C0524 - EPA 5035 (Continued)</b>										
<b>Blank (B2C0524-BLK1)</b>					Prepared & Analyzed: 03/04/22					
1,1,2-Trichloroethane	ND		5	ug/kg						
1,1,1-Trichloroethane	ND		5	ug/kg						
Trichloroethene	ND		5	ug/kg						
1,2,3-Trichloropropane	ND		5	ug/kg						
1,3,5-Trimethylbenzene	ND		5	ug/kg						
1,2,4-Trimethylbenzene	ND		5	ug/kg						
Vinyl Chloride	ND		5	ug/kg						
o-Xylene	ND		5	ug/kg						
m&p-Xylene	ND		10	ug/kg						
Total xylenes	ND		5	ug/kg						
1,1,2,2-Tetrachloroethane	ND		5	ug/kg						
tert-Amyl methyl ether	ND		5	ug/kg						
1,3-Dichloropropane	ND		5	ug/kg						
Ethyl tert-butyl ether	ND		5	ug/kg						
Diisopropyl ether	ND		5	ug/kg						
Trichlorofluoromethane	ND		5	ug/kg						
Dichlorodifluoromethane	ND		5	ug/kg						
<hr/>										
<i>Surrogate: 4-Bromofluorobenzene</i>			<i>47.3</i>	ug/kg	<i>50.0</i>		<i>94.7</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>50.2</i>	ug/kg	<i>50.0</i>		<i>100</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>52.1</i>	ug/kg	<i>50.0</i>		<i>104</i>	<i>70-130</i>		
<b>LCS (B2C0524-BS1)</b>					Prepared & Analyzed: 03/04/22					
Acetone	209			ug/kg	50.0		418	60-140		
Benzene	45			ug/kg	50.0		90.0	70-130		
Bromobenzene	42			ug/kg	50.0		84.6	70-130		
Bromochloromethane	38			ug/kg	50.0		75.1	70-130		
Bromodichloromethane	47			ug/kg	50.0		93.2	70-130		
Bromoform	43			ug/kg	50.0		85.2	70-130		
Bromomethane	62			ug/kg	50.0		125	60-140		
2-Butanone	60			ug/kg	50.0		119	60-140		
tert-Butyl alcohol	43			ug/kg	50.0		86.2	70-130		
sec-Butylbenzene	55			ug/kg	50.0		110	70-130		
n-Butylbenzene	56			ug/kg	50.0		112	70-130		
tert-Butylbenzene	51			ug/kg	50.0		102	70-130		
Methyl t-butyl ether (MTBE)	54			ug/kg	50.0		108	70-130		
Carbon Disulfide	57			ug/kg	50.0		114	50-150		
Carbon Tetrachloride	43			ug/kg	50.0		86.5	70-130		
Chlorobenzene	42			ug/kg	50.0		84.8	70-130		
Chloroethane	53			ug/kg	50.0		106	60-140		
Chloroform	48			ug/kg	50.0		96.5	70-130		
Chloromethane	60			ug/kg	50.0		120	60-140		
4-Chlorotoluene	51			ug/kg	50.0		102	70-130		
2-Chlorotoluene	51			ug/kg	50.0		102	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	46			ug/kg	50.0		92.6	70-130		
Dibromochloromethane	44			ug/kg	50.0		87.0	70-130		
1,2-Dibromoethane (EDB)	43			ug/kg	50.0		86.4	70-130		
Dibromomethane	44			ug/kg	50.0		88.7	60-140		
1,2-Dichlorobenzene	43			ug/kg	50.0		85.9	70-130		
1,3-Dichlorobenzene	48			ug/kg	50.0		96.8	70-130		
1,4-Dichlorobenzene	43			ug/kg	50.0		85.8	70-130		
1,1-Dichloroethane	48			ug/kg	50.0		96.4	70-130		
1,2-Dichloroethane	52			ug/kg	50.0		104	70-130		
trans-1,2-Dichloroethene	46			ug/kg	50.0		91.0	70-130		
cis-1,2-Dichloroethene	41			ug/kg	50.0		82.7	70-130		
1,1-Dichloroethene	50			ug/kg	50.0		101	70-130		
1,2-Dichloropropane	42			ug/kg	50.0		85.0	70-130		
2,2-Dichloropropane	48			ug/kg	50.0		95.3	70-130		



**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2C0524 - EPA 5035 (Continued)</b>										
<b>LCS (B2C0524-BS1)</b>					Prepared & Analyzed: 03/04/22					
cis-1,3-Dichloropropene	44			ug/kg	50.0		87.7	70-130		
trans-1,3-Dichloropropene	46			ug/kg	50.0		92.4	70-130		
1,1-Dichloropropene	41			ug/kg	50.0		82.9	70-130		
Diethyl ether	61			ug/kg	50.0		122	60-140		
1,4-Dioxane	182			ug/kg	250		72.8	0-200		
Ethylbenzene	47			ug/kg	50.0		94.2	70-130		
Hexachlorobutadiene	36			ug/kg	50.0		72.8	70-130		
2-Hexanone	54			ug/kg	50.0		109	70-130		
Isopropylbenzene	50			ug/kg	50.0		101	70-130		
p-Isopropyltoluene	55			ug/kg	50.0		111	70-130		
Methylene Chloride	153			ug/kg	50.0		306	60-140		
4-Methyl-2-pentanone	53			ug/kg	50.0		107	70-130		
Naphthalene	42			ug/kg	50.0		84.8	70-130		
n-Propylbenzene	54			ug/kg	50.0		109	70-130		
Styrene	45			ug/kg	50.0		90.6	70-130		
1,1,1,2-Tetrachloroethane	42			ug/kg	50.0		83.2	70-130		
Tetrachloroethene	39			ug/kg	50.0		78.3	70-130		
Tetrahydrofuran	41			ug/kg	50.0		82.3	50-150		
Toluene	45			ug/kg	50.0		89.5	70-130		
1,2,4-Trichlorobenzene	38			ug/kg	50.0		75.1	70-130		
1,2,3-Trichlorobenzene	39			ug/kg	50.0		77.1	70-130		
1,1,2-Trichloroethane	47			ug/kg	50.0		94.0	70-130		
1,1,1-Trichloroethane	48			ug/kg	50.0		95.7	70-130		
Trichloroethene	43			ug/kg	50.0		85.9	70-130		
1,2,3-Trichloropropane	54			ug/kg	50.0		108	70-130		
1,3,5-Trimethylbenzene	55			ug/kg	50.0		109	70-130		
1,2,4-Trimethylbenzene	53			ug/kg	50.0		107	70-130		
Vinyl Chloride	60			ug/kg	50.0		120	60-140		
o-Xylene	44			ug/kg	50.0		87.9	70-130		
m&p-Xylene	90			ug/kg	100		90.0	70-130		
1,1,2,2-Tetrachloroethane	50			ug/kg	50.0		99.5	70-130		
tert-Amyl methyl ether	44			ug/kg	50.0		88.2	70-130		
1,3-Dichloropropane	46			ug/kg	50.0		92.7	70-130		
Ethyl tert-butyl ether	45			ug/kg	50.0		91.0	70-130		
Trichlorofluoromethane	67			ug/kg	50.0		134	70-130		
Dichlorodifluoromethane	51			ug/kg	50.0		101	60-140		
<hr/>										
Surrogate: 4-Bromofluorobenzene			55.8	ug/kg	50.0		112	70-130		
Surrogate: 1,2-Dichloroethane-d4			49.3	ug/kg	50.0		98.6	70-130		
Surrogate: Toluene-d8			52.7	ug/kg	50.0		105	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2C0524 - EPA 5035 (Continued)</b>					Prepared & Analyzed: 03/04/22					
<b>LCS Dup (B2C0524-BSD1)</b>										
Acetone	232			ug/kg	50.0		464	60-140	10.5	30
Benzene	47			ug/kg	50.0		93.5	70-130	3.73	20
Bromobenzene	43			ug/kg	50.0		86.2	70-130	1.85	20
Bromochloromethane	40			ug/kg	50.0		79.2	70-130	5.36	20
Bromodichloromethane	48			ug/kg	50.0		96.2	70-130	3.17	20
Bromoform	43			ug/kg	50.0		85.0	70-130	0.258	20
Bromomethane	72			ug/kg	50.0		143	60-140	13.6	30
2-Butanone	54			ug/kg	50.0		108	60-140	10.0	30
tert-Butyl alcohol	54			ug/kg	50.0		109	70-130	23.1	20
sec-Butylbenzene	56			ug/kg	50.0		113	70-130	2.29	20
n-Butylbenzene	59			ug/kg	50.0		119	70-130	5.60	20
tert-Butylbenzene	53			ug/kg	50.0		105	70-130	3.22	20
Methyl t-butyl ether (MTBE)	49			ug/kg	50.0		98.1	70-130	9.94	20
Carbon Disulfide	59			ug/kg	50.0		118	50-150	3.84	40
Carbon Tetrachloride	46			ug/kg	50.0		92.0	70-130	6.16	20
Chlorobenzene	43			ug/kg	50.0		86.6	70-130	2.15	20
Chloroethane	88			ug/kg	50.0		177	60-140	49.8	30
Chloroform	50			ug/kg	50.0		99.3	70-130	2.88	20
Chloromethane	60			ug/kg	50.0		120	60-140	0.301	30
4-Chlorotoluene	52			ug/kg	50.0		104	70-130	2.35	20
2-Chlorotoluene	52			ug/kg	50.0		104	70-130	2.35	20
1,2-Dibromo-3-chloropropane (DBCP)	49			ug/kg	50.0		98.2	70-130	5.85	20
Dibromochloromethane	45			ug/kg	50.0		90.9	70-130	4.36	20
1,2-Dibromoethane (EDB)	43			ug/kg	50.0		86.0	70-130	0.418	20
Dibromomethane	46			ug/kg	50.0		92.8	60-140	4.56	30
1,2-Dichlorobenzene	46			ug/kg	50.0		91.7	70-130	6.53	20
1,3-Dichlorobenzene	49			ug/kg	50.0		97.6	70-130	0.823	20
1,4-Dichlorobenzene	44			ug/kg	50.0		88.5	70-130	3.08	20
1,1-Dichloroethane	51			ug/kg	50.0		102	70-130	5.15	20
1,2-Dichloroethane	52			ug/kg	50.0		103	70-130	0.674	20
trans-1,2-Dichloroethene	42			ug/kg	50.0		84.4	70-130	7.57	20
cis-1,2-Dichloroethene	43			ug/kg	50.0		85.1	70-130	2.88	20
1,1-Dichloroethene	53			ug/kg	50.0		107	70-130	5.83	20
1,2-Dichloropropane	45			ug/kg	50.0		89.7	70-130	5.40	20
2,2-Dichloropropane	48			ug/kg	50.0		96.7	70-130	1.44	20
cis-1,3-Dichloropropene	45			ug/kg	50.0		90.6	70-130	3.21	20
trans-1,3-Dichloropropene	47			ug/kg	50.0		93.3	70-130	0.926	20
1,1-Dichloropropene	43			ug/kg	50.0		85.8	70-130	3.46	20
Diethyl ether	65			ug/kg	50.0		129	60-140	5.81	30
1,4-Dioxane	184			ug/kg	250		73.7	0-200	1.23	50
Ethylbenzene	49			ug/kg	50.0		98.4	70-130	4.36	20
Hexachlorobutadiene	40			ug/kg	50.0		79.2	70-130	8.42	20
2-Hexanone	52			ug/kg	50.0		104	70-130	4.12	20
Isopropylbenzene	52			ug/kg	50.0		104	70-130	3.63	20
p-Isopropyltoluene	57			ug/kg	50.0		114	70-130	3.06	20
Methylene Chloride	158			ug/kg	50.0		315	60-140	2.94	30
4-Methyl-2-pentanone	50			ug/kg	50.0		101	70-130	5.55	20
Naphthalene	45			ug/kg	50.0		89.8	70-130	5.68	20
n-Propylbenzene	56			ug/kg	50.0		111	70-130	2.31	20
Styrene	47			ug/kg	50.0		93.6	70-130	3.19	20
1,1,1,2-Tetrachloroethane	44			ug/kg	50.0		88.3	70-130	5.92	20
Tetrachloroethene	41			ug/kg	50.0		81.3	70-130	3.76	20
Tetrahydrofuran	41			ug/kg	50.0		81.1	50-150	1.49	40
Toluene	46			ug/kg	50.0		92.9	70-130	3.79	20
1,2,4-Trichlorobenzene	41			ug/kg	50.0		81.4	70-130	7.98	20
1,2,3-Trichlorobenzene	42			ug/kg	50.0		84.8	70-130	9.49	20
1,1,2-Trichloroethane	44			ug/kg	50.0		88.2	70-130	6.37	20

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2C0524 - EPA 5035 (Continued)</b>										
<b>LCS Dup (B2C0524-BSD1)</b>					Prepared & Analyzed: 03/04/22					
1,1,1-Trichloroethane	49			ug/kg	50.0		97.6	70-130	2.01	20
Trichloroethene	45			ug/kg	50.0		90.8	70-130	5.64	20
1,2,3-Trichloropropane	53			ug/kg	50.0		105	70-130	2.01	20
1,3,5-Trimethylbenzene	56			ug/kg	50.0		112	70-130	2.39	20
1,2,4-Trimethylbenzene	55			ug/kg	50.0		110	70-130	2.62	20
Vinyl Chloride	59			ug/kg	50.0		119	60-140	0.587	30
o-Xylene	46			ug/kg	50.0		91.0	70-130	3.49	20
m&p-Xylene	93			ug/kg	100		93.2	70-130	3.49	20
1,1,1,2-Tetrachloroethane	49			ug/kg	50.0		97.1	70-130	2.44	20
tert-Amyl methyl ether	44			ug/kg	50.0		88.8	70-130	0.746	20
1,3-Dichloropropane	46			ug/kg	50.0		92.4	70-130	0.367	20
Ethyl tert-butyl ether	47			ug/kg	50.0		95.0	70-130	4.28	20
Trichlorofluoromethane	72			ug/kg	50.0		145	70-130	7.46	20
Dichlorodifluoromethane	53			ug/kg	50.0		106	60-140	4.37	30
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<i>Surrogate: 4-Bromofluorobenzene</i>			<i>54.9</i>	<i>ug/kg</i>	<i>50.0</i>		<i>110</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>48.1</i>	<i>ug/kg</i>	<i>50.0</i>		<i>96.1</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>52.4</i>	<i>ug/kg</i>	<i>50.0</i>		<i>105</i>	<i>70-130</i>		

**Quality Control**  
(Continued)

**Semivolatile organic compounds**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2C0498 - EPA 3546</b>										
<b>Blank (B2C0498-BLK1)</b>										
					Prepared: 03/09/22 Analyzed: 03/10/22					
1,2,4-Trichlorobenzene	ND		130	ug/kg						
1,2-Dichlorobenzene	ND		130	ug/kg						
1,3-Dichlorobenzene	ND		130	ug/kg						
1,4-Dichlorobenzene	ND		130	ug/kg						
Phenol	ND		130	ug/kg						
2,4,5-Trichlorophenol	ND		130	ug/kg						
2,4,6-Trichlorophenol	ND		130	ug/kg						
2,4-Dichlorophenol	ND		130	ug/kg						
2,4-Dimethylphenol	ND		330	ug/kg						
2,4-Dinitrophenol	ND		330	ug/kg						
2,4-Dinitrotoluene	ND		130	ug/kg						
2,6-Dinitrotoluene	ND		130	ug/kg						
2-Chloronaphthalene	ND		130	ug/kg						
2-Chlorophenol	ND		130	ug/kg						
2-Methylnaphthalene	ND		130	ug/kg						
Nitrobenzene	ND		130	ug/kg						
2-Methylphenol	ND		130	ug/kg						
2-Nitroaniline	ND		130	ug/kg						
2-Nitrophenol	ND		330	ug/kg						
3,3'-Dichlorobenzidine	ND		330	ug/kg						
3-Nitroaniline	ND		130	ug/kg						
4,6-Dinitro-2-methylphenol	ND		330	ug/kg						
4-Bromophenyl phenyl ether	ND		130	ug/kg						
4-Chloro-3-methylphenol	ND		130	ug/kg						
4-Chloroaniline	ND		130	ug/kg						
4-Chlorophenyl phenyl ether	ND		130	ug/kg						
4-Nitroaniline	ND		130	ug/kg						
4-Nitrophenol	ND		330	ug/kg						
Acenaphthene	ND		130	ug/kg						
Acenaphthylene	ND		130	ug/kg						
Aniline	ND		130	ug/kg						
Anthracene	ND		130	ug/kg						
Benzo(a)anthracene	ND		130	ug/kg						
Benzo(a)pyrene	ND		130	ug/kg						
Benzo(b)fluoranthene	ND		130	ug/kg						
Benzo(g,h,i)perylene	ND		130	ug/kg						
Benzo(k)fluoranthene	ND		130	ug/kg						
Benzoic acid	ND		1000	ug/kg						
Biphenyl	ND		40	ug/kg						
Bis(2-chloroethoxy)methane	ND		130	ug/kg						
Bis(2-chloroethyl)ether	ND		130	ug/kg						
Bis(2-chloroisopropyl)ether	ND		130	ug/kg						
Bis(2-ethylhexyl)phthalate	ND		400	ug/kg						
Butyl benzyl phthalate	ND		130	ug/kg						
Chrysene	ND		130	ug/kg						
Di(n)octyl phthalate	ND		200	ug/kg						
Dibenz(a,h)anthracene	ND		130	ug/kg						
Dibenzofuran	ND		130	ug/kg						
Diethyl phthalate	ND		130	ug/kg						
Dimethyl phthalate	ND		330	ug/kg						
Di-n-butylphthalate	ND		200	ug/kg						
Fluoranthene	ND		130	ug/kg						
Fluorene	ND		130	ug/kg						
Hexachlorobenzene	ND		130	ug/kg						
Hexachlorobutadiene	ND		130	ug/kg						
Hexachlorocyclopentadiene	ND		330	ug/kg						
Hexachloroethane	ND		130	ug/kg						

**Quality Control**  
(Continued)

**Semivolatile organic compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2C0498 - EPA 3546 (Continued)</b>										
<b>Blank (B2C0498-BLK1)</b>										
					Prepared: 03/09/22 Analyzed: 03/10/22					
Indeno(1,2,3-cd)pyrene	ND		130	ug/kg						
Isophorone	ND		130	ug/kg						
Naphthalene	ND		130	ug/kg						
N-Nitrosodimethylamine	ND		130	ug/kg						
N-Nitrosodi-n-propylamine	ND		130	ug/kg						
N-Nitrosodiphenylamine	ND		130	ug/kg						
Pentachlorophenol	ND		330	ug/kg						
Phenanthrene	ND		130	ug/kg						
Pyrene	ND		130	ug/kg						
m&p-Cresol	ND		260	ug/kg						
Pyridine	ND		130	ug/kg						
<i>Surrogate: Nitrobenzene-d5</i>			1140	ug/kg	3330		34.3	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			3180	ug/kg	3330		95.4	47-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			1510	ug/kg	3330		45.3	34-130		
<i>Surrogate: Phenol-d6</i>			1090	ug/kg	3330		32.6	30-130		
<i>Surrogate: 2,4,6-Tribromophenol</i>			1310	ug/kg	3330		39.4	30-130		
<i>Surrogate: 2-Fluorophenol</i>			1040	ug/kg	3330		31.1	30-130		
<b>LCS (B2C0498-BS1)</b>										
					Prepared: 03/09/22 Analyzed: 03/10/22					
1,2,4-Trichlorobenzene	2430		130	ug/kg	3330		72.8	40-130		
1,2-Dichlorobenzene	2250		130	ug/kg	3330		67.5	40-130		
1,3-Dichlorobenzene	2200		130	ug/kg	3330		66.1	40-130		
1,4-Dichlorobenzene	2160		130	ug/kg	3330		64.9	40-130		
Phenol	2340		130	ug/kg	3330		70.3	40-130		
2,4,5-Trichlorophenol	2230		130	ug/kg	3330		67.0	40-130		
2,4,6-Trichlorophenol	2340		130	ug/kg	3330		70.1	40-130		
2,4-Dichlorophenol	2290		130	ug/kg	3330		68.7	40-130		
2,4-Dimethylphenol	2330		330	ug/kg	3330		70.0	40-130		
2,4-Dinitrotoluene	2860		130	ug/kg	3330		85.8	40-130		
2,6-Dinitrotoluene	2800		130	ug/kg	3330		83.9	40-130		
2-Chloronaphthalene	2430		130	ug/kg	3330		72.8	40-130		
2-Chlorophenol	2280		130	ug/kg	3330		68.5	40-130		
2-Methylnaphthalene	2350		130	ug/kg	3330		70.5	40-130		
Nitrobenzene	2520		130	ug/kg	3330		75.7	40-130		
2-Methylphenol	2380		130	ug/kg	3330		71.4	40-130		
2-Nitroaniline	2800		130	ug/kg	3330		83.9	40-130		
2-Nitrophenol	2090		330	ug/kg	3330		62.7	40-130		
3-Nitroaniline	2580		130	ug/kg	3330		77.4	40-130		
4,6-Dinitro-2-methylphenol	613		330	ug/kg	3330		18.4	40-130		
4-Bromophenyl phenyl ether	2810		130	ug/kg	3330		84.3	40-130		
4-Chloro-3-methylphenol	2630		130	ug/kg	3330		78.8	40-130		
4-Chlorophenyl phenyl ether	2810		130	ug/kg	3330		84.2	40-130		
4-Nitroaniline	2720		130	ug/kg	3330		81.7	40-130		
4-Nitrophenol	3230		330	ug/kg	3330		96.8	40-130		
Acenaphthene	2520		130	ug/kg	3330		75.7	40-130		
Acenaphthylene	2510		130	ug/kg	3330		75.2	40-130		
Anthracene	2600		130	ug/kg	3330		78.1	40-130		
Benzo(a)anthracene	2720		130	ug/kg	3330		81.6	40-130		
Benzo(a)pyrene	2970		130	ug/kg	3330		89.2	40-130		
Benzo(b)fluoranthene	3050		130	ug/kg	3330		91.6	40-130		
Benzo(g,h,i)perylene	2890		130	ug/kg	3330		86.7	40-130		
Benzo(k)fluoranthene	3160		130	ug/kg	3330		94.7	40-130		
Biphenyl	604		40	ug/kg	833		72.5	40-130		
Bis(2-chloroethoxy)methane	2560		130	ug/kg	3330		76.8	40-130		
Bis(2-chloroethyl)ether	2370		130	ug/kg	3330		71.2	40-130		
Bis(2-chloroisopropyl)ether	2560		130	ug/kg	3330		76.7	40-130		
Bis(2-ethylhexyl)phthalate	3360		400	ug/kg	3330		101	40-130		

**Quality Control**  
(Continued)

**Semivolatile organic compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2C0498 - EPA 3546 (Continued)</b>										
<b>LCS (B2C0498-BS1)</b>										
					Prepared: 03/09/22 Analyzed: 03/10/22					
Butyl benzyl phthalate	3350		130	ug/kg	3330		101	40-130		
Chrysene	2810		130	ug/kg	3330		84.3	40-130		
Di(n)octyl phthalate	3700		200	ug/kg	3330		111	40-130		
Dibenz(a,h)anthracene	2810		130	ug/kg	3330		84.2	40-130		
Dibenzofuran	2510		130	ug/kg	3330		75.3	40-130		
Diethyl phthalate	2910		130	ug/kg	3330		87.4	40-130		
Dimethyl phthalate	2710		330	ug/kg	3330		81.3	40-130		
Di-n-butylphthalate	2980		200	ug/kg	3330		89.3	40-130		
Fluoranthene	2730		130	ug/kg	3330		81.8	40-130		
Fluorene	2770		130	ug/kg	3330		83.2	40-130		
Hexachlorobenzene	2730		130	ug/kg	3330		81.9	40-130		
Hexachlorobutadiene	2660		130	ug/kg	3330		79.7	40-130		
Hexachlorocyclopentadiene	2710		330	ug/kg	3330		81.3	40-130		
Hexachloroethane	2240		130	ug/kg	3330		67.2	40-130		
Indeno(1,2,3-cd)pyrene	2790		130	ug/kg	3330		83.7	40-130		
Isophorone	2520		130	ug/kg	3330		75.7	40-130		
Naphthalene	2360		130	ug/kg	3330		70.9	40-130		
N-Nitrosodimethylamine	2610		130	ug/kg	3330		78.2	40-130		
N-Nitrosodi-n-propylamine	2480		130	ug/kg	3330		74.4	40-130		
N-Nitrosodiphenylamine	3450		130	ug/kg	3330		104	40-130		
Pentachlorophenol	1170		330	ug/kg	3330		35.1	40-130		
Phenanthrene	2720		130	ug/kg	3330		81.5	40-130		
Pyrene	3010		130	ug/kg	3330		90.4	40-130		
m&p-Cresol	2390		260	ug/kg	3330		71.7	40-130		
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Surrogate: Nitrobenzene-d5			2520	ug/kg	3330		75.6	30-126		
Surrogate: p-Terphenyl-d14			3210	ug/kg	3330		96.3	47-130		
Surrogate: 2-Fluorobiphenyl			2520	ug/kg	3330		75.7	34-130		
Surrogate: Phenol-d6			2340	ug/kg	3330		70.3	30-130		
Surrogate: 2,4,6-Tribromophenol			2460	ug/kg	3330		73.9	30-130		
Surrogate: 2-Fluorophenol			2200	ug/kg	3330		66.1	30-130		

**Quality Control**  
(Continued)

**Semivolatile organic compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2C0498 - EPA 3546 (Continued)</b>										
<b>LCS Dup (B2C0498-BSD1)</b>										
					Prepared: 03/09/22 Analyzed: 03/10/22					
1,2,4-Trichlorobenzene	2380		130	ug/kg	3330		71.4	40-130	1.89	30
1,2-Dichlorobenzene	2220		130	ug/kg	3330		66.7	40-130	1.22	30
1,3-Dichlorobenzene	2140		130	ug/kg	3330		64.3	40-130	2.76	30
1,4-Dichlorobenzene	2150		130	ug/kg	3330		64.4	40-130	0.711	30
Phenol	2350		130	ug/kg	3330		70.5	40-130	0.256	30
2,4,5-Trichlorophenol	2200		130	ug/kg	3330		65.9	40-130	1.59	30
2,4,6-Trichlorophenol	2310		130	ug/kg	3330		69.4	40-130	1.09	30
2,4-Dichlorophenol	2260		130	ug/kg	3330		67.9	40-130	1.08	30
2,4-Dimethylphenol	2370		330	ug/kg	3330		71.2	40-130	1.67	30
2,4-Dinitrotoluene	2790		130	ug/kg	3330		83.7	40-130	2.41	30
2,6-Dinitrotoluene	2680		130	ug/kg	3330		80.5	40-130	4.16	30
2-Chloronaphthalene	2430		130	ug/kg	3330		72.9	40-130	0.192	30
2-Chlorophenol	2210		130	ug/kg	3330		66.3	40-130	3.15	30
2-Methylnaphthalene	2340		130	ug/kg	3330		70.1	40-130	0.540	30
Nitrobenzene	2490		130	ug/kg	3330		74.7	40-130	1.28	30
2-Methylphenol	2380		130	ug/kg	3330		71.4	40-130	0.0280	30
2-Nitroaniline	2800		130	ug/kg	3330		84.1	40-130	0.143	30
2-Nitrophenol	2060		330	ug/kg	3330		61.7	40-130	1.57	30
3-Nitroaniline	2480		130	ug/kg	3330		74.5	40-130	3.79	30
4,6-Dinitro-2-methylphenol	628		330	ug/kg	3330		18.8	40-130	2.36	30
4-Bromophenyl phenyl ether	2710		130	ug/kg	3330		81.2	40-130	3.75	30
4-Chloro-3-methylphenol	2620		130	ug/kg	3330		78.6	40-130	0.280	30
4-Chlorophenyl phenyl ether	2750		130	ug/kg	3330		82.6	40-130	1.94	30
4-Nitroaniline	2680		130	ug/kg	3330		80.4	40-130	1.63	30
4-Nitrophenol	3150		330	ug/kg	3330		94.4	40-130	2.53	30
Acenaphthene	2480		130	ug/kg	3330		74.4	40-130	1.71	30
Acenaphthylene	2450		130	ug/kg	3330		73.6	40-130	2.10	30
Anthracene	2610		130	ug/kg	3330		78.3	40-130	0.256	30
Benzo(a)anthracene	2760		130	ug/kg	3330		82.7	40-130	1.29	30
Benzo(a)pyrene	2980		130	ug/kg	3330		89.3	40-130	0.134	30
Benzo(b)fluoranthene	3110		130	ug/kg	3330		93.3	40-130	1.90	30
Benzo(g,h,i)perylene	2880		130	ug/kg	3330		86.4	40-130	0.370	30
Benzo(k)fluoranthene	3170		130	ug/kg	3330		95.0	40-130	0.337	30
Biphenyl	590		40	ug/kg	833		70.8	40-130	2.35	30
Bis(2-chloroethoxy)methane	2490		130	ug/kg	3330		74.6	40-130	2.83	30
Bis(2-chloroethyl)ether	2340		130	ug/kg	3330		70.3	40-130	1.36	30
Bis(2-chloroisopropyl)ether	2520		130	ug/kg	3330		75.5	40-130	1.66	30
Bis(2-ethylhexyl)phthalate	3380		400	ug/kg	3330		101	40-130	0.653	30
Butyl benzyl phthalate	3360		130	ug/kg	3330		101	40-130	0.119	30
Chrysene	2880		130	ug/kg	3330		86.3	40-130	2.25	30
Di(n)octyl phthalate	3740		200	ug/kg	3330		112	40-130	1.00	30
Dibenz(a,h)anthracene	2860		130	ug/kg	3330		85.7	40-130	1.77	30
Dibenzofuran	2470		130	ug/kg	3330		74.0	40-130	1.71	30
Diethyl phthalate	2870		130	ug/kg	3330		86.0	40-130	1.66	30
Dimethyl phthalate	2670		330	ug/kg	3330		80.0	40-130	1.61	30
Di-n-butylphthalate	2940		200	ug/kg	3330		88.1	40-130	1.35	30
Fluoranthene	2740		130	ug/kg	3330		82.1	40-130	0.366	30
Fluorene	2760		130	ug/kg	3330		82.7	40-130	0.531	30
Hexachlorobenzene	2650		130	ug/kg	3330		79.6	40-130	2.85	30
Hexachlorobutadiene	2660		130	ug/kg	3330		79.9	40-130	0.351	30
Hexachlorocyclopentadiene	2740		330	ug/kg	3330		82.1	40-130	0.881	30
Hexachloroethane	2290		130	ug/kg	3330		68.8	40-130	2.35	30
Indeno(1,2,3-cd)pyrene	2820		130	ug/kg	3330		84.5	40-130	0.880	30
Isophorone	2520		130	ug/kg	3330		75.5	40-130	0.291	30
Naphthalene	2340		130	ug/kg	3330		70.1	40-130	1.13	30
N-Nitrosodimethylamine	2700		130	ug/kg	3330		80.9	40-130	3.34	30
N-Nitrosodi-n-propylamine	2460		130	ug/kg	3330		73.7	40-130	0.045	30

**Quality Control**  
(Continued)

**Semivolatile organic compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2C0498 - EPA 3546 (Continued)</b>										
<b>LCS Dup (B2C0498-BSD1)</b>					Prepared: 03/09/22 Analyzed: 03/10/22					
N-Nitrosodiphenylamine	3380		130	ug/kg	3330		101	40-130	2.01	30
Pentachlorophenol	1150		330	ug/kg	3330		34.4	40-130	2.07	30
Phenanthrene	2670		130	ug/kg	3330		80.1	40-130	1.68	30
Pyrene	3020		130	ug/kg	3330		90.5	40-130	0.111	30
m&p-Cresol	2380		260	ug/kg	3330		71.4	40-130	0.531	30
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<i>Surrogate: Nitrobenzene-d5</i>			2540	ug/kg	3330		76.1	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			3200	ug/kg	3330		95.9	47-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			2470	ug/kg	3330		74.0	34-130		
<i>Surrogate: Phenol-d6</i>			2380	ug/kg	3330		71.3	30-130		
<i>Surrogate: 2,4,6-Tribromophenol</i>			2470	ug/kg	3330		74.2	30-130		
<i>Surrogate: 2-Fluorophenol</i>			2210	ug/kg	3330		66.4	30-130		

**Batch: B2C0661 - EPA 3546**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Blank (B2C0661-BLK1)</b>					Prepared: 03/11/22 Analyzed: 03/15/22					
1,2,4-Trichlorobenzene	ND		130	ug/kg						
1,2-Dichlorobenzene	ND		130	ug/kg						
1,3-Dichlorobenzene	ND		130	ug/kg						
1,4-Dichlorobenzene	ND		130	ug/kg						
Phenol	ND		130	ug/kg						
2,4,5-Trichlorophenol	ND		130	ug/kg						
2,4,6-Trichlorophenol	ND		130	ug/kg						
2,4-Dichlorophenol	ND		130	ug/kg						
2,4-Dimethylphenol	ND		330	ug/kg						
2,4-Dinitrophenol	ND		330	ug/kg						
2,4-Dinitrotoluene	ND		130	ug/kg						
2,6-Dinitrotoluene	ND		130	ug/kg						
2-Chloronaphthalene	ND		130	ug/kg						
2-Chlorophenol	ND		130	ug/kg						
2-Methylnaphthalene	ND		130	ug/kg						
Nitrobenzene	ND		130	ug/kg						
2-Methylphenol	ND		130	ug/kg						
2-Nitroaniline	ND		130	ug/kg						
2-Nitrophenol	ND		330	ug/kg						
3,3'-Dichlorobenzidine	ND		330	ug/kg						
3-Nitroaniline	ND		130	ug/kg						
4,6-Dinitro-2-methylphenol	ND		330	ug/kg						
4-Bromophenyl phenyl ether	ND		130	ug/kg						
4-Chloro-3-methylphenol	ND		130	ug/kg						
4-Chloroaniline	ND		130	ug/kg						
4-Chlorophenyl phenyl ether	ND		130	ug/kg						
4-Nitroaniline	ND		130	ug/kg						
4-Nitrophenol	ND		330	ug/kg						
Acenaphthene	ND		130	ug/kg						
Acenaphthylene	ND		130	ug/kg						
Aniline	ND		130	ug/kg						
Anthracene	ND		130	ug/kg						
Benzo(a)anthracene	ND		130	ug/kg						
Benzo(a)pyrene	ND		130	ug/kg						
Benzo(b)fluoranthene	ND		130	ug/kg						
Benzo(g,h,i)perylene	ND		130	ug/kg						
Benzo(k)fluoranthene	ND		130	ug/kg						
Benzoic acid	ND		1000	ug/kg						
Biphenyl	ND		40	ug/kg						
Bis(2-chloroethoxy)methane	ND		130	ug/kg						
Bis(2-chloroethyl)ether	ND		130	ug/kg						
Bis(2-chloroisopropyl)ether	ND		130	ug/kg						
Bis(2-ethylhexyl)phthalate	ND		400	ug/kg						



**Quality Control**  
(Continued)

**Semivolatile organic compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2C0661 - EPA 3546 (Continued)</b>										
<b>Blank (B2C0661-BLK1)</b>										
					Prepared: 03/11/22 Analyzed: 03/15/22					
Butyl benzyl phthalate	ND		130	ug/kg						
Chrysene	ND		130	ug/kg						
Di(n)octyl phthalate	ND		200	ug/kg						
Dibenz(a,h)anthracene	ND		130	ug/kg						
Dibenzofuran	ND		130	ug/kg						
Diethyl phthalate	ND		130	ug/kg						
Dimethyl phthalate	ND		330	ug/kg						
Di-n-butylphthalate	ND		200	ug/kg						
Fluoranthene	ND		130	ug/kg						
Fluorene	ND		130	ug/kg						
Hexachlorobenzene	ND		130	ug/kg						
Hexachlorobutadiene	ND		130	ug/kg						
Hexachlorocyclopentadiene	ND		330	ug/kg						
Hexachloroethane	ND		130	ug/kg						
Indeno(1,2,3-cd)pyrene	ND		130	ug/kg						
Isophorone	ND		130	ug/kg						
Naphthalene	ND		130	ug/kg						
N-Nitrosodimethylamine	ND		130	ug/kg						
N-Nitrosodi-n-propylamine	ND		130	ug/kg						
N-Nitrosodiphenylamine	ND		130	ug/kg						
Pentachlorophenol	ND		330	ug/kg						
Phenanthrene	ND		130	ug/kg						
Pyrene	ND		130	ug/kg						
m&p-Cresol	ND		260	ug/kg						
Pyridine	ND		130	ug/kg						
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Surrogate: Nitrobenzene-d5			2710	ug/kg	3330		81.3	30-126		
Surrogate: p-Terphenyl-d14			3150	ug/kg	3330		94.6	47-130		
Surrogate: 2-Fluorobiphenyl			2560	ug/kg	3330		76.7	34-130		
Surrogate: Phenol-d6			2370	ug/kg	3330		71.1	30-130		
Surrogate: 2,4,6-Tribromophenol			1620	ug/kg	3330		48.5	30-130		
Surrogate: 2-Fluorophenol			1920	ug/kg	3330		57.6	30-130		

**Quality Control**  
(Continued)

**Semivolatile organic compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2C0661 - EPA 3546 (Continued)</b>										
<b>LCS (B2C0661-BS1)</b>										
					Prepared: 03/11/22 Analyzed: 03/15/22					
1,2,4-Trichlorobenzene	2690		130	ug/kg	3330		80.6	40-130		
1,2-Dichlorobenzene	2450		130	ug/kg	3330		73.6	40-130		
1,3-Dichlorobenzene	2460		130	ug/kg	3330		73.8	40-130		
1,4-Dichlorobenzene	2460		130	ug/kg	3330		73.9	40-130		
Phenol	2580		130	ug/kg	3330		77.3	40-130		
2,4,5-Trichlorophenol	2170		130	ug/kg	3330		65.0	40-130		
2,4,6-Trichlorophenol	2520		130	ug/kg	3330		75.5	40-130		
2,4-Dichlorophenol	2560		130	ug/kg	3330		76.9	40-130		
2,4-Dimethylphenol	2470		330	ug/kg	3330		74.2	40-130		
2,4-Dinitrotoluene	3050		130	ug/kg	3330		91.6	40-130		
2,6-Dinitrotoluene	2890		130	ug/kg	3330		86.8	40-130		
2-Chloronaphthalene	2570		130	ug/kg	3330		77.0	40-130		
2-Chlorophenol	2510		130	ug/kg	3330		75.3	40-130		
2-Methylnaphthalene	2630		130	ug/kg	3330		79.0	40-130		
Nitrobenzene	2700		130	ug/kg	3330		81.0	40-130		
2-Methylphenol	2640		130	ug/kg	3330		79.1	40-130		
2-Nitroaniline	2950		130	ug/kg	3330		88.4	40-130		
2-Nitrophenol	2420		330	ug/kg	3330		72.6	40-130		
3-Nitroaniline	2750		130	ug/kg	3330		82.4	40-130		
4,6-Dinitro-2-methylphenol	981		330	ug/kg	3330		29.4	40-130		
4-Bromophenyl phenyl ether	2990		130	ug/kg	3330		89.6	40-130		
4-Chloro-3-methylphenol	2880		130	ug/kg	3330		86.5	40-130		
4-Chlorophenyl phenyl ether	2890		130	ug/kg	3330		86.7	40-130		
4-Nitroaniline	3020		130	ug/kg	3330		90.6	40-130		
4-Nitrophenol	3070		330	ug/kg	3330		92.2	40-130		
Acenaphthene	2690		130	ug/kg	3330		80.7	40-130		
Acenaphthylene	2580		130	ug/kg	3330		77.4	40-130		
Anthracene	2730		130	ug/kg	3330		81.9	40-130		
Benzo(a)anthracene	2870		130	ug/kg	3330		86.1	40-130		
Benzo(a)pyrene	3030		130	ug/kg	3330		90.8	40-130		
Benzo(b)fluoranthene	3340		130	ug/kg	3330		100	40-130		
Benzo(g,h,i)perylene	2770		130	ug/kg	3330		83.0	40-130		
Benzo(k)fluoranthene	3380		130	ug/kg	3330		101	40-130		
Biphenyl	667		40	ug/kg	833		80.1	40-130		
Bis(2-chloroethoxy)methane	2840		130	ug/kg	3330		85.2	40-130		
Bis(2-chloroethyl)ether	2660		130	ug/kg	3330		79.9	40-130		
Bis(2-chloroisopropyl)ether	2920		130	ug/kg	3330		87.5	40-130		
Bis(2-ethylhexyl)phthalate	3640		400	ug/kg	3330		109	40-130		
Butyl benzyl phthalate	3410		130	ug/kg	3330		102	40-130		
Chrysene	3010		130	ug/kg	3330		90.2	40-130		
Di(n)octyl phthalate	4190		200	ug/kg	3330		126	40-130		
Dibenz(a,h)anthracene	2860		130	ug/kg	3330		85.8	40-130		
Dibenzofuran	2640		130	ug/kg	3330		79.2	40-130		
Diethyl phthalate	2870		130	ug/kg	3330		86.0	40-130		
Dimethyl phthalate	2770		330	ug/kg	3330		83.1	40-130		
Di-n-butylphthalate	2980		200	ug/kg	3330		89.3	40-130		
Fluoranthene	2760		130	ug/kg	3330		82.9	40-130		
Fluorene	2810		130	ug/kg	3330		84.2	40-130		
Hexachlorobenzene	2860		130	ug/kg	3330		85.8	40-130		
Hexachlorobutadiene	2960		130	ug/kg	3330		88.7	40-130		
Hexachlorocyclopentadiene	2880		330	ug/kg	3330		86.5	40-130		
Hexachloroethane	2510		130	ug/kg	3330		75.3	40-130		
Indeno(1,2,3-cd)pyrene	2680		130	ug/kg	3330		80.5	40-130		
Isophorone	2760		130	ug/kg	3330		82.8	40-130		
Naphthalene	2590		130	ug/kg	3330		77.8	40-130		
N-Nitrosodimethylamine	2510		130	ug/kg	3330		75.2	40-130		
N-Nitrosodi-n-propylamine	2730		130	ug/kg	3330		81.9	40-130		

**Quality Control**  
(Continued)

**Semivolatile organic compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2C0661 - EPA 3546 (Continued)</b>										
<b>LCS (B2C0661-BS1)</b>										
					Prepared: 03/11/22 Analyzed: 03/15/22					
N-Nitrosodiphenylamine	3650		130	ug/kg	3330		110	40-130		
Pentachlorophenol	1630		330	ug/kg	3330		48.9	40-130		
Phenanthrene	2780		130	ug/kg	3330		83.3	40-130		
Pyrene	3160		130	ug/kg	3330		94.7	40-130		
m&p-Cresol	2710		260	ug/kg	3330		81.4	40-130		
<hr/>										
<i>Surrogate: Nitrobenzene-d5</i>			2850	ug/kg	3330		85.4	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			3490	ug/kg	3330		105	47-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			2680	ug/kg	3330		80.3	34-130		
<i>Surrogate: Phenol-d6</i>			2650	ug/kg	3330		79.4	30-130		
<i>Surrogate: 2,4,6-Tribromophenol</i>			2820	ug/kg	3330		84.6	30-130		
<i>Surrogate: 2-Fluorophenol</i>			2430	ug/kg	3330		72.8	30-130		
<hr/>										
<b>LCS Dup (B2C0661-BSD1)</b>										
					Prepared: 03/11/22 Analyzed: 03/15/22					
1,2,4-Trichlorobenzene	2710		130	ug/kg	3330		81.4	40-130	0.914	30
1,2-Dichlorobenzene	2520		130	ug/kg	3330		75.7	40-130	2.76	30
1,3-Dichlorobenzene	2440		130	ug/kg	3330		73.2	40-130	0.789	30
1,4-Dichlorobenzene	2450		130	ug/kg	3330		73.6	40-130	0.380	30
Phenol	2650		130	ug/kg	3330		79.5	40-130	2.78	30
2,4,5-Trichlorophenol	2140		130	ug/kg	3330		64.3	40-130	1.05	30
2,4,6-Trichlorophenol	2530		130	ug/kg	3330		76.0	40-130	0.713	30
2,4-Dichlorophenol	2600		130	ug/kg	3330		78.0	40-130	1.37	30
2,4-Dimethylphenol	2430		330	ug/kg	3330		72.8	40-130	1.93	30
2,4-Dinitrotoluene	3050		130	ug/kg	3330		91.6	40-130	0.00	30
2,6-Dinitrotoluene	2910		130	ug/kg	3330		87.3	40-130	0.620	30
2-Chloronaphthalene	2630		130	ug/kg	3330		78.9	40-130	2.44	30
2-Chlorophenol	2580		130	ug/kg	3330		77.5	40-130	2.93	30
2-Methylnaphthalene	2610		130	ug/kg	3330		78.2	40-130	1.02	30
Nitrobenzene	2690		130	ug/kg	3330		80.7	40-130	0.297	30
2-Methylphenol	2680		130	ug/kg	3330		80.5	40-130	1.80	30
2-Nitroaniline	2970		130	ug/kg	3330		89.1	40-130	0.766	30
2-Nitrophenol	2390		330	ug/kg	3330		71.8	40-130	1.11	30
3-Nitroaniline	2800		130	ug/kg	3330		83.9	40-130	1.83	30
4,6-Dinitro-2-methylphenol	928		330	ug/kg	3330		27.8	40-130	5.52	30
4-Bromophenyl phenyl ether	2990		130	ug/kg	3330		89.7	40-130	0.0893	30
4-Chloro-3-methylphenol	2800		130	ug/kg	3330		84.1	40-130	2.81	30
4-Chlorophenyl phenyl ether	2840		130	ug/kg	3330		85.2	40-130	1.77	30
4-Nitroaniline	3030		130	ug/kg	3330		91.0	40-130	0.396	30
4-Nitrophenol	3080		330	ug/kg	3330		92.3	40-130	0.0651	30
Acenaphthene	2710		130	ug/kg	3330		81.2	40-130	0.543	30
Acenaphthylene	2610		130	ug/kg	3330		78.2	40-130	0.977	30
Anthracene	2710		130	ug/kg	3330		81.4	40-130	0.637	30
Benzo(a)anthracene	2890		130	ug/kg	3330		86.8	40-130	0.786	30
Benzo(a)pyrene	3120		130	ug/kg	3330		93.6	40-130	2.99	30
Benzo(b)fluoranthene	3300		130	ug/kg	3330		99.0	40-130	1.06	30
Benzo(g,h,i)perylene	2820		130	ug/kg	3330		84.6	40-130	1.96	30
Benzo(k)fluoranthene	3460		130	ug/kg	3330		104	40-130	2.18	30
Biphenyl	675		40	ug/kg	833		81.0	40-130	1.09	30
Bis(2-chloroethoxy)methane	2820		130	ug/kg	3330		84.7	40-130	0.589	30
Bis(2-chloroethyl)ether	2660		130	ug/kg	3330		79.8	40-130	0.125	30
Bis(2-chloroisopropyl)ether	2970		130	ug/kg	3330		89.1	40-130	1.79	30
Bis(2-ethylhexyl)phthalate	3660		400	ug/kg	3330		110	40-130	0.475	30
Butyl benzyl phthalate	3510		130	ug/kg	3330		105	40-130	2.74	30
Chrysene	3060		130	ug/kg	3330		91.7	40-130	1.65	30
Di(n)octyl phthalate	4250		200	ug/kg	3330		127	40-130	1.42	30
Dibenz(a,h)anthracene	2850		130	ug/kg	3330		85.5	40-130	0.350	30
Dibenzofuran	2630		130	ug/kg	3330		78.8	40-130	0.557	30
Diethyl phthalate	2880		130	ug/kg	3330		86.5	40-130	0.649	30

**Quality Control**  
(Continued)

**Semivolatile organic compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2C0661 - EPA 3546 (Continued)</b>										
<b>LCS Dup (B2C0661-BSD1)</b>										
					Prepared: 03/11/22 Analyzed: 03/15/22					
Dimethyl phthalate	2750		330	ug/kg	3330		82.4	40-130	0.773	30
Di-n-butylphthalate	2960		200	ug/kg	3330		88.9	40-130	0.404	30
Fluoranthene	2780		130	ug/kg	3330		83.4	40-130	0.601	30
Fluorene	2820		130	ug/kg	3330		84.5	40-130	0.379	30
Hexachlorobenzene	2870		130	ug/kg	3330		86.1	40-130	0.395	30
Hexachlorobutadiene	2950		130	ug/kg	3330		88.6	40-130	0.0677	30
Hexachlorocyclopentadiene	2920		330	ug/kg	3330		87.7	40-130	1.40	30
Hexachloroethane	2540		130	ug/kg	3330		76.3	40-130	1.35	30
Indeno(1,2,3-cd)pyrene	2680		130	ug/kg	3330		80.3	40-130	0.323	30
Isophorone	2720		130	ug/kg	3330		81.7	40-130	1.34	30
Naphthalene	2560		130	ug/kg	3330		76.9	40-130	1.22	30
N-Nitrosodimethylamine	2550		130	ug/kg	3330		76.6	40-130	1.79	30
N-Nitrosodi-n-propylamine	2790		130	ug/kg	3330		83.7	40-130	2.22	30
N-Nitrosodiphenylamine	3620		130	ug/kg	3330		109	40-130	0.751	30
Pentachlorophenol	1610		330	ug/kg	3330		48.2	40-130	1.57	30
Phenanthrene	2760		130	ug/kg	3330		82.9	40-130	0.505	30
Pyrene	3200		130	ug/kg	3330		95.9	40-130	1.30	30
m&p-Cresol	2780		260	ug/kg	3330		83.3	40-130	2.21	30
<hr/>										
<i>Surrogate: Nitrobenzene-d5</i>			<i>2800</i>	<i>ug/kg</i>	<i>3330</i>		<i>84.1</i>	<i>30-126</i>		
<i>Surrogate: p-Terphenyl-d14</i>			<i>3570</i>	<i>ug/kg</i>	<i>3330</i>		<i>107</i>	<i>47-130</i>		
<i>Surrogate: 2-Fluorobiphenyl</i>			<i>2680</i>	<i>ug/kg</i>	<i>3330</i>		<i>80.5</i>	<i>34-130</i>		
<i>Surrogate: Phenol-d6</i>			<i>2670</i>	<i>ug/kg</i>	<i>3330</i>		<i>80.0</i>	<i>30-130</i>		
<i>Surrogate: 2,4,6-Tribromophenol</i>			<i>2910</i>	<i>ug/kg</i>	<i>3330</i>		<i>87.2</i>	<i>30-130</i>		
<i>Surrogate: 2-Fluorophenol</i>			<i>2470</i>	<i>ug/kg</i>	<i>3330</i>		<i>74.2</i>	<i>30-130</i>		

**Quality Control**  
(Continued)

**Polychlorinated Biphenyls (PCBs)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2C0599 - EPA 3546</b>										
<b>Blank (B2C0599-BLK1)</b>										
					Prepared: 03/10/22 Analyzed: 03/11/22					
Aroclor-1016	ND		66	ug/kg						
Aroclor-1221	ND		66	ug/kg						
Aroclor-1232	ND		66	ug/kg						
Aroclor-1242	ND		66	ug/kg						
Aroclor-1248	ND		66	ug/kg						
Aroclor-1254	ND		66	ug/kg						
Aroclor-1260	ND		66	ug/kg						
Aroclor-1262	ND		66	ug/kg						
Aroclor-1268	ND		66	ug/kg						
PCBs (Total)	ND		66	ug/kg						
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Surrogate: 2,4,5,6-Tetrachloro-m-xylene (TCMX)			7.65	ug/kg	13.3		57.4	36.2-130		
Surrogate: Decachlorobiphenyl (DCBP)			7.75	ug/kg	13.3		58.1	43.3-130		
<b>LCS (B2C0599-BS1)</b>										
					Prepared: 03/10/22 Analyzed: 03/11/22					
Aroclor-1242	103		66	ug/kg	83.3		123	58.2-125		
-----										
Surrogate: 2,4,5,6-Tetrachloro-m-xylene (TCMX)			12.0	ug/kg	13.3		89.7	36.2-130		
Surrogate: Decachlorobiphenyl (DCBP)			8.79	ug/kg	13.3		65.9	43.3-130		
<b>LCS Dup (B2C0599-BSD1)</b>										
					Prepared: 03/10/22 Analyzed: 03/11/22					
Aroclor-1242	94		66	ug/kg	83.3		113	58.2-125	8.73	20
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Surrogate: 2,4,5,6-Tetrachloro-m-xylene (TCMX)			10.9	ug/kg	13.3		81.7	36.2-130		
Surrogate: Decachlorobiphenyl (DCBP)			8.67	ug/kg	13.3		65.1	43.3-130		

**Quality Control**  
(Continued)

**Total Petroleum Hydrocarbons**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2C0629 - EPA 3546</b>										
<b>Blank (B2C0629-BLK1)</b>										
					Prepared: 03/11/22 Analyzed: 03/13/22					
Total Petroleum Hydrocarbons	ND		27	mg/kg						
-----										
Surrogate: Chlorooctadecane			6.22	mg/kg	8.33		74.6	50-130		
<b>LCS (B2C0629-BS1)</b>										
					Prepared: 03/11/22 Analyzed: 03/13/22					
Total Petroleum Hydrocarbons	320		27	mg/kg	667		48.0	44.7-125		
-----										
Surrogate: Chlorooctadecane			6.76	mg/kg	8.33		81.1	50-130		
<b>LCS Dup (B2C0629-BSD1)</b>										
					Prepared: 03/11/22 Analyzed: 03/13/22					
Total Petroleum Hydrocarbons	325		27	mg/kg	667		48.8	44.7-125	1.75	200
-----										
Surrogate: Chlorooctadecane			6.80	mg/kg	8.33		81.6	50-130		

**Quality Control**  
(Continued)

**TCLP Metals**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2C0536 - Metals Digestion Waters</b>										
<b>LCS (B2C0536-BS3)</b>										
Lead	5.10		0.025	mg/L	5.00		102	85-115		
<b>Leach Fluid Blank (B2C0536-LBK1)</b>										
Lead	ND		0.025	mg/L						

## Notes and Definitions

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





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CHAIN OF CUSTODY RECORD

PROJ. NO.		PROJECT NAME/LOCATION		A Q U I S I O N	S O I L	O T H E R	NO. OF CONTAINERS	P R E S E R V A T I V E	TESTS**	REMARKS				
CLIENT		REPORT TO:									INVOICE TO:			
DATE	TIME	P M O C	G R A B	SAMPLE I.D.										
21106.00	SILVIA/M Rogers HS		Pure Corp		hprasada@purecorp.com		Acct.		.32		VOCs (HI/low) 2060 SVOCs 8270 PCBs 8082 TPH 8100 PCRBAs Metals PH/Gritability/conductivity			
3/1/22	11:45	α		TP-3 Fill A	17"	X	4	✓	✓	✓	✓	✓	✓	Fill layer, some cobbles, 0.1 ppm
3/1/22	11:45	α		TP-3 C Layer	30"	X	4	✓	✓	✓	✓	✓	✓	Natural layer, 0.0 ppm
3/1/22	11:05	α		TP-4 Fill A	18"	X	4	✓	✓	✓	✓	✓	✓	Fill layer over bedrock, 0.1 ppm
3/1/22	10:15	X		TP-11 Fill A	26"	X	4	✓	✓	✓	✓	✓	✓	Fill layer, much debris, 0.0 ppm
3/1/22	10:15	α		TP-11 C Layer	58"	X	4	✓	✓	✓	✓	✓	✓	Natural, heavy soil, 0.0 ppm
3/1/22	10:15	α		TP-11 C Layer	58" (FD)	X	4	✓	✓	✓	✓	✓	✓	Field duplicate sample
3/1/22	1:10	X		TP-14 Fill A	18"	X	4	✓	✓	✓	✓	✓	✓	Fill layer, little debris, 0.1 ppm
3/1/22	1:10	X		TP-14 C Layer	28"	X	4	✓	✓	✓	✓	✓	✓	Natural soil over bedrock, 0.0 ppm
Sampled by: (Signature)		Date/Time		Received by: (Signature)		Date/Time		Laboratory Remarks:		Special Instructions:				
Sponner MFA		3/1/22 9 AM		[Signature]		3/1/22 9:01 AM		Temp. received: 7° Cooled <input type="checkbox"/>		List Specific Detection Limit Requirements:				
Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time								
[Signature]		3/1/22 4:13												
Relinquished by: (Signature)		Date/Time		Received for Laboratory by: (Signature)		Date/Time				Turnaround (Business Days)				
				[Signature]		3/1/22 16:23								

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



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

## REPORT OF ANALYTICAL RESULTS

**NETLAB Work Order Number: 2B01034**  
**Client Project: 21106.00 - Rogers High School, Newport, RI**

Report Date: 08-February-2022

Prepared for:

Michael Flynn  
Pare Corporation  
8 Blackstone Valley Place  
Lincoln, RI 02865

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

**Samples Submitted :**

The samples listed below were submitted to New England Testing Laboratory on 02/01/22. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is 2B01034. Custody records are included in this report.

<b>Lab ID</b>	<b>Sample</b>	<b>Matrix</b>	<b>Date Sampled</b>	<b>Date Received</b>
2B01034-01	B22-3	Soil	01/31/2022	02/01/2022
2B01034-02	TP-13 28" Local Sand	Soil	01/31/2022	02/01/2022
2B01034-03	TP-13 32" Fill A	Soil	01/31/2022	02/01/2022
2B01034-04	TP-12 Fill A 38"	Soil	02/01/2022	02/01/2022
2B01034-05	TP-12 Fill C 55"	Soil	02/01/2022	02/01/2022
2B01034-06	TP-10 Fill A 18"	Soil	02/01/2022	02/01/2022
2B01034-07	TP-10 C Layer 37"	Soil	02/01/2022	02/01/2022

## ***Request for Analysis***

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

### **B22-3 (Lab Number: 2B01034-01)**

#### **Analysis**

Arsenic  
Barium  
Cadmium  
Chromium  
Flashpoint  
Lead  
Mercury  
PCBs  
pH  
Selenium  
Semivolatile Organic Compounds  
Silver  
Specific Conductance  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 1010A-Mod  
EPA 6010C  
EPA 7471B  
EPA 8082A  
SM4500-H-B (11)  
EPA 6010C  
EPA 8270D  
EPA 6010C  
EPA 9010A--modified  
EPA-8100-mod  
EPA 8260C

### **TP-10 C Layer 37" (Lab Number: 2B01034-07)**

#### **Analysis**

Arsenic  
Barium  
Cadmium  
Chromium  
Flashpoint  
Lead  
Mercury  
PCBs  
pH  
Selenium  
Semivolatile Organic Compounds  
Silver  
Specific Conductance  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 1010A-Mod  
EPA 6010C  
EPA 7471B  
EPA 8082A  
SM4500-H-B (11)  
EPA 6010C  
EPA 8270D  
EPA 6010C  
EPA 9010A--modified  
EPA-8100-mod  
EPA 8260C

### **TP-10 Fill A 18" (Lab Number: 2B01034-06)**

#### **Analysis**

Arsenic  
Barium  
Cadmium  
Chromium  
Flashpoint  
Lead  
Mercury  
PCBs  
pH  
Selenium  
Semivolatile Organic Compounds  
Silver  
Specific Conductance

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 1010A-Mod  
EPA 6010C  
EPA 7471B  
EPA 8082A  
SM4500-H-B (11)  
EPA 6010C  
EPA 8270D  
EPA 6010C  
EPA 9010A--modified

## ***Request for Analysis (continued)***

### **TP-10 Fill A 18" (Lab Number: 2B01034-06) (continued)**

#### **Analysis**

Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA-8100-mod  
EPA 8260C

### **TP-12 Fill A 38" (Lab Number: 2B01034-04)**

#### **Analysis**

Arsenic  
Barium  
Cadmium  
Chromium  
Flashpoint  
Lead  
Mercury  
PCBs  
pH  
Selenium  
Semivolatile Organic Compounds  
Silver  
Specific Conductance  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 1010A-Mod  
EPA 6010C  
EPA 7471B  
EPA 8082A  
SM4500-H-B (11)  
EPA 6010C  
EPA 8270D  
EPA 6010C  
EPA 9010A--modified  
EPA-8100-mod  
EPA 8260C

### **TP-12 Fill C 55" (Lab Number: 2B01034-05)**

#### **Analysis**

Arsenic  
Barium  
Cadmium  
Chromium  
Flashpoint  
Lead  
Mercury  
PCBs  
pH  
Selenium  
Semivolatile Organic Compounds  
Silver  
Specific Conductance  
TCLP Lead  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 1010A-Mod  
EPA 6010C  
EPA 7471B  
EPA 8082A  
SM4500-H-B (11)  
EPA 6010C  
EPA 8270D  
EPA 6010C  
EPA 9010A--modified  
EPA 6010C  
EPA-8100-mod  
EPA 8260C

## ***Request for Analysis (continued)***

### **TP-13 28" Local Sand (Lab Number: 2B01034-02)**

#### **Analysis**

Arsenic  
Barium  
Cadmium  
Chromium  
Flashpoint  
Lead  
Mercury  
PCBs  
pH  
Selenium  
Semivolatile Organic Compounds  
Silver  
Specific Conductance  
TCLP Lead  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 1010A-Mod  
EPA 6010C  
EPA 7471B  
EPA 8082A  
SM4500-H-B (11)  
EPA 6010C  
EPA 8270D  
EPA 6010C  
EPA 9010A--modified  
EPA 6010C  
EPA-8100-mod  
EPA 8260C

### **TP-13 32" Fill A (Lab Number: 2B01034-03)**

#### **Analysis**

Arsenic  
Barium  
Cadmium  
Chromium  
Flashpoint  
Lead  
Mercury  
PCBs  
pH  
Selenium  
Semivolatile Organic Compounds  
Silver  
Specific Conductance  
TCLP Lead  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 1010A-Mod  
EPA 6010C  
EPA 7471B  
EPA 8082A  
SM4500-H-B (11)  
EPA 6010C  
EPA 8270D  
EPA 6010C  
EPA 9010A--modified  
EPA 6010C  
EPA-8100-mod  
EPA 8260C

## ***Method References***

*Reactive Cyanide, Standard Operating Procedure 407*, New England Testing Laboratory Inc.

*Standard Methods for the Examination of Water and Wastewater, 20th Edition*, APHA/ AWWA-WPCF, 1998

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

## Case Narrative

### Sample Receipt:

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

Exceptions: None

### Analysis:

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

Exceptions: None

**Results: General Chemistry****Sample: B22-3****Lab Number: 2B01034-01 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
Flashpoint	> 200		70	degrees F	02/07/22	02/07/22
<b>pH</b>	<b>5.3</b>			SU	02/03/22	02/03/22
<b>Specific Conductance</b>	<b>2.6</b>		2.0	uS/cm	02/02/22	02/02/22



## Results: General Chemistry

**Sample: TP-13 28" Local Sand**

**Lab Number: 2B01034-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Flashpoint	> 200		70	degrees F	02/07/22	02/07/22
<b>pH</b>	<b>8.5</b>			SU	02/03/22	02/03/22
<b>Specific Conductance</b>	<b>36.7</b>		2.0	uS/cm	02/02/22	02/02/22

**Results: General Chemistry****Sample: TP-13 32" Fill A**  
**Lab Number: 2B01034-03 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
Flashpoint	> 200		70	degrees F	02/07/22	02/07/22
<b>pH</b>	<b>8.0</b>			SU	02/03/22	02/03/22
<b>Specific Conductance</b>	<b>18.7</b>		2.0	uS/cm	02/02/22	02/02/22

**Results: General Chemistry****Sample: TP-12 Fill A 38"****Lab Number: 2B01034-04 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
Flashpoint	> 200		70	degrees F	02/07/22	02/07/22
<b>pH</b>	<b>7.1</b>			SU	02/03/22	02/03/22
<b>Specific Conductance</b>	<b>4.7</b>		2.0	uS/cm	02/02/22	02/02/22

**Results: General Chemistry****Sample: TP-12 Fill C 55"****Lab Number: 2B01034-05 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
Flashpoint	> 200		70	degrees F	02/07/22	02/07/22
<b>pH</b>	<b>7.4</b>			SU	02/03/22	02/03/22
<b>Specific Conductance</b>	<b>7.2</b>		2.0	uS/cm	02/02/22	02/02/22

**Results: General Chemistry****Sample: TP-10 Fill A 18"****Lab Number: 2B01034-06 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
Flashpoint	> 200		70	degrees F	02/07/22	02/07/22
<b>pH</b>	<b>7.4</b>			SU	02/03/22	02/03/22
<b>Specific Conductance</b>	<b>8.3</b>		2.0	uS/cm	02/02/22	02/02/22

**Results: General Chemistry****Sample: TP-10 C Layer 37"****Lab Number: 2B01034-07 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
Flashpoint	> 200		70	degrees F	02/07/22	02/07/22
<b>pH</b>	<b>7.1</b>			SU	02/03/22	02/03/22
<b>Specific Conductance</b>	<b>16.0</b>		2.0	uS/cm	02/02/22	02/02/22

**Results: Total Metals****Sample: B22-3****Lab Number: 2B01034-01 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
<b>Arsenic</b>	<b>7.24</b>		0.73	mg/kg	02/02/22	02/07/22
<b>Barium</b>	<b>28.3</b>		0.24	mg/kg	02/02/22	02/07/22
<b>Cadmium</b>	<b>2.70</b>		0.36	mg/kg	02/02/22	02/07/22
<b>Chromium</b>	<b>14.5</b>		0.36	mg/kg	02/02/22	02/07/22
<b>Lead</b>	<b>86.3</b>		0.36	mg/kg	02/02/22	02/07/22
<b>Mercury</b>	<b>0.054</b>		0.039	mg/kg	02/02/22	02/02/22
Selenium	ND		0.73	mg/kg	02/02/22	02/07/22
Silver	ND		0.73	mg/kg	02/02/22	02/07/22

**Results: Total Metals****Sample: TP-13 28" Local Sand****Lab Number: 2B01034-02 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
<b>Arsenic</b>	<b>7.78</b>		1.02	mg/kg	02/02/22	02/07/22
<b>Barium</b>	<b>209</b>		0.34	mg/kg	02/02/22	02/07/22
<b>Cadmium</b>	<b>1.57</b>		0.51	mg/kg	02/02/22	02/07/22
<b>Chromium</b>	<b>32.9</b>		0.51	mg/kg	02/02/22	02/07/22
<b>Lead</b>	<b>247</b>		0.51	mg/kg	02/02/22	02/07/22
<b>Mercury</b>	<b>0.328</b>		0.039	mg/kg	02/02/22	02/02/22
Selenium	ND		1.02	mg/kg	02/02/22	02/07/22
<b>Silver</b>	<b>1.83</b>		1.02	mg/kg	02/02/22	02/07/22



**Results: Total Metals****Sample: TP-13 32" Fill A****Lab Number: 2B01034-03 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
<b>Arsenic</b>	<b>11.2</b>		1.09	mg/kg	02/02/22	02/07/22
<b>Barium</b>	<b>156</b>		0.36	mg/kg	02/02/22	02/07/22
<b>Cadmium</b>	<b>3.01</b>		0.55	mg/kg	02/02/22	02/07/22
<b>Chromium</b>	<b>15.7</b>		0.55	mg/kg	02/02/22	02/07/22
<b>Lead</b>	<b>706</b>		0.55	mg/kg	02/02/22	02/07/22
<b>Mercury</b>	<b>0.341</b>		0.037	mg/kg	02/02/22	02/02/22
Selenium	ND		1.09	mg/kg	02/02/22	02/07/22
Silver	ND		1.09	mg/kg	02/02/22	02/07/22

**Results: Total Metals****Sample: TP-12 Fill A 38"****Lab Number: 2B01034-04 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
<b>Arsenic</b>	<b>3.26</b>		0.91	mg/kg	02/02/22	02/07/22
<b>Barium</b>	<b>28.5</b>		0.30	mg/kg	02/02/22	02/07/22
<b>Cadmium</b>	<b>1.35</b>		0.45	mg/kg	02/02/22	02/07/22
<b>Chromium</b>	<b>6.86</b>		0.45	mg/kg	02/02/22	02/07/22
<b>Lead</b>	<b>27.4</b>		0.45	mg/kg	02/02/22	02/07/22
Mercury	ND		0.039	mg/kg	02/02/22	02/02/22
Selenium	ND		0.91	mg/kg	02/02/22	02/07/22
Silver	ND		0.91	mg/kg	02/02/22	02/07/22

**Results: Total Metals****Sample: TP-12 Fill C 55"****Lab Number: 2B01034-05 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
<b>Arsenic</b>	<b>9.78</b>		0.98	mg/kg	02/02/22	02/07/22
<b>Barium</b>	<b>59.0</b>		0.32	mg/kg	02/02/22	02/07/22
<b>Cadmium</b>	<b>2.40</b>		0.49	mg/kg	02/02/22	02/07/22
<b>Chromium</b>	<b>14.1</b>		0.49	mg/kg	02/02/22	02/07/22
<b>Lead</b>	<b>346</b>		0.49	mg/kg	02/02/22	02/07/22
<b>Mercury</b>	<b>0.166</b>		0.041	mg/kg	02/02/22	02/02/22
Selenium	ND		0.98	mg/kg	02/02/22	02/07/22
Silver	ND		0.98	mg/kg	02/02/22	02/07/22

**Results: Total Metals****Sample: TP-10 Fill A 18"****Lab Number: 2B01034-06 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
<b>Arsenic</b>	<b>3.53</b>		1.01	mg/kg	02/02/22	02/07/22
<b>Barium</b>	<b>21.9</b>		0.33	mg/kg	02/02/22	02/07/22
<b>Cadmium</b>	<b>1.52</b>		0.51	mg/kg	02/02/22	02/07/22
<b>Chromium</b>	<b>10.9</b>		0.51	mg/kg	02/02/22	02/07/22
<b>Lead</b>	<b>21.0</b>		0.51	mg/kg	02/02/22	02/07/22
Mercury	ND		0.035	mg/kg	02/02/22	02/02/22
Selenium	ND		1.01	mg/kg	02/02/22	02/07/22
Silver	ND		1.01	mg/kg	02/02/22	02/07/22

**Results: Total Metals****Sample: TP-10 C Layer 37"****Lab Number: 2B01034-07 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
<b>Arsenic</b>	<b>8.55</b>		1.06	mg/kg	02/02/22	02/07/22
<b>Barium</b>	<b>35.0</b>		0.35	mg/kg	02/02/22	02/07/22
<b>Cadmium</b>	<b>2.72</b>		0.53	mg/kg	02/02/22	02/07/22
<b>Chromium</b>	<b>14.8</b>		0.53	mg/kg	02/02/22	02/07/22
<b>Lead</b>	<b>11.8</b>		0.53	mg/kg	02/02/22	02/07/22
Mercury	ND		0.032	mg/kg	02/02/22	02/02/22
Selenium	ND		1.06	mg/kg	02/02/22	02/07/22
Silver	ND		1.06	mg/kg	02/02/22	02/07/22

## Results: Volatile Organic Compounds

**Sample: B22-3**

**Lab Number: 2B01034-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		305	ug/kg	02/04/22	02/04/22
Benzene	ND		5	ug/kg	02/04/22	02/04/22
Bromobenzene	ND		5	ug/kg	02/04/22	02/04/22
Bromochloromethane	ND		5	ug/kg	02/04/22	02/04/22
Bromodichloromethane	ND		5	ug/kg	02/04/22	02/04/22
Bromoform	ND		5	ug/kg	02/04/22	02/04/22
Bromomethane	ND		5	ug/kg	02/04/22	02/04/22
2-Butanone	ND		5	ug/kg	02/04/22	02/04/22
tert-Butyl alcohol	ND		5	ug/kg	02/04/22	02/04/22
sec-Butylbenzene	ND		5	ug/kg	02/04/22	02/04/22
n-Butylbenzene	ND		5	ug/kg	02/04/22	02/04/22
tert-Butylbenzene	ND		5	ug/kg	02/04/22	02/04/22
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	02/04/22	02/04/22
Carbon Disulfide	ND		5	ug/kg	02/04/22	02/04/22
Carbon Tetrachloride	ND		5	ug/kg	02/04/22	02/04/22
Chlorobenzene	ND		5	ug/kg	02/04/22	02/04/22
Chloroethane	ND		5	ug/kg	02/04/22	02/04/22
Chloroform	ND		5	ug/kg	02/04/22	02/04/22
Chloromethane	ND		5	ug/kg	02/04/22	02/04/22
4-Chlorotoluene	ND		5	ug/kg	02/04/22	02/04/22
2-Chlorotoluene	ND		5	ug/kg	02/04/22	02/04/22
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	02/04/22	02/04/22
Dibromochloromethane	ND		5	ug/kg	02/04/22	02/04/22
1,2-Dibromoethane (EDB)	ND		5	ug/kg	02/04/22	02/04/22
Dibromomethane	ND		5	ug/kg	02/04/22	02/04/22
1,2-Dichlorobenzene	ND		5	ug/kg	02/04/22	02/04/22
1,3-Dichlorobenzene	ND		5	ug/kg	02/04/22	02/04/22
1,4-Dichlorobenzene	ND		5	ug/kg	02/04/22	02/04/22
1,1-Dichloroethane	ND		5	ug/kg	02/04/22	02/04/22
1,2-Dichloroethane	ND		5	ug/kg	02/04/22	02/04/22
trans-1,2-Dichloroethene	ND		5	ug/kg	02/04/22	02/04/22
cis-1,2-Dichloroethene	ND		5	ug/kg	02/04/22	02/04/22
1,1-Dichloroethene	ND		5	ug/kg	02/04/22	02/04/22
1,2-Dichloropropane	ND		5	ug/kg	02/04/22	02/04/22
2,2-Dichloropropane	ND		5	ug/kg	02/04/22	02/04/22
cis-1,3-Dichloropropene	ND		5	ug/kg	02/04/22	02/04/22
trans-1,3-Dichloropropene	ND		5	ug/kg	02/04/22	02/04/22
1,1-Dichloropropene	ND		5	ug/kg	02/04/22	02/04/22
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	02/04/22	02/04/22
Diethyl ether	ND		5	ug/kg	02/04/22	02/04/22
1,4-Dioxane	ND		95	ug/kg	02/04/22	02/04/22
Ethylbenzene	ND		5	ug/kg	02/04/22	02/04/22
Hexachlorobutadiene	ND		5	ug/kg	02/04/22	02/04/22
2-Hexanone	ND		5	ug/kg	02/04/22	02/04/22
Isopropylbenzene	ND		5	ug/kg	02/04/22	02/04/22
p-Isopropyltoluene	ND		5	ug/kg	02/04/22	02/04/22
Methylene Chloride	ND		5	ug/kg	02/04/22	02/04/22
4-Methyl-2-pentanone	ND		5	ug/kg	02/04/22	02/04/22

## Results: Volatile Organic Compounds (Continued)

**Sample: B22-3 (Continued)**

**Lab Number: 2B01034-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	02/04/22	02/04/22
n-Propylbenzene	ND		5	ug/kg	02/04/22	02/04/22
Styrene	ND		5	ug/kg	02/04/22	02/04/22
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/04/22	02/04/22
Tetrachloroethene	ND		5	ug/kg	02/04/22	02/04/22
Tetrahydrofuran	ND		5	ug/kg	02/04/22	02/04/22
Toluene	ND		5	ug/kg	02/04/22	02/04/22
1,2,4-Trichlorobenzene	ND		5	ug/kg	02/04/22	02/04/22
1,2,3-Trichlorobenzene	ND		5	ug/kg	02/04/22	02/04/22
1,1,2-Trichloroethane	ND		5	ug/kg	02/04/22	02/04/22
1,1,1-Trichloroethane	ND		5	ug/kg	02/04/22	02/04/22
Trichloroethene	ND		5	ug/kg	02/04/22	02/04/22
1,2,3-Trichloropropane	ND		5	ug/kg	02/04/22	02/04/22
1,3,5-Trimethylbenzene	ND		5	ug/kg	02/04/22	02/04/22
1,2,4-Trimethylbenzene	ND		5	ug/kg	02/04/22	02/04/22
Vinyl Chloride	ND		5	ug/kg	02/04/22	02/04/22
o-Xylene	ND		5	ug/kg	02/04/22	02/04/22
m&p-Xylene	ND		10	ug/kg	02/04/22	02/04/22
Total xylenes	ND		5	ug/kg	02/04/22	02/04/22
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/04/22	02/04/22
tert-Amyl methyl ether	ND		5	ug/kg	02/04/22	02/04/22
1,3-Dichloropropane	ND		5	ug/kg	02/04/22	02/04/22
Ethyl tert-butyl ether	ND		5	ug/kg	02/04/22	02/04/22
Diisopropyl ether	ND		5	ug/kg	02/04/22	02/04/22
Trichlorofluoromethane	ND		5	ug/kg	02/04/22	02/04/22
Dichlorodifluoromethane	ND		5	ug/kg	02/04/22	02/04/22
<hr/>						
Surrogate(s)	Recovery%		Limits			
<hr/>						
<i>4-Bromofluorobenzene</i>	<i>91.7%</i>		<i>70-130</i>		<i>02/04/22</i>	<i>02/04/22</i>
<i>1,2-Dichloroethane-d4</i>	<i>97.2%</i>		<i>70-130</i>		<i>02/04/22</i>	<i>02/04/22</i>
<i>Toluene-d8</i>	<i>97.7%</i>		<i>70-130</i>		<i>02/04/22</i>	<i>02/04/22</i>

## Results: Volatile Organic Compounds

**Sample: TP-13 28" Local Sand**

**Lab Number: 2B01034-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		360	ug/kg	02/04/22	02/04/22
Benzene	ND		6	ug/kg	02/04/22	02/04/22
Bromobenzene	ND		6	ug/kg	02/04/22	02/04/22
Bromochloromethane	ND		6	ug/kg	02/04/22	02/04/22
Bromodichloromethane	ND		6	ug/kg	02/04/22	02/04/22
Bromoform	ND		6	ug/kg	02/04/22	02/04/22
Bromomethane	ND		6	ug/kg	02/04/22	02/04/22
2-Butanone	ND		6	ug/kg	02/04/22	02/04/22
tert-Butyl alcohol	ND		6	ug/kg	02/04/22	02/04/22
sec-Butylbenzene	ND		6	ug/kg	02/04/22	02/04/22
n-Butylbenzene	ND		6	ug/kg	02/04/22	02/04/22
tert-Butylbenzene	ND		6	ug/kg	02/04/22	02/04/22
Methyl t-butyl ether (MTBE)	ND		6	ug/kg	02/04/22	02/04/22
Carbon Disulfide	ND		6	ug/kg	02/04/22	02/04/22
Carbon Tetrachloride	ND		6	ug/kg	02/04/22	02/04/22
Chlorobenzene	ND		6	ug/kg	02/04/22	02/04/22
Chloroethane	ND		6	ug/kg	02/04/22	02/04/22
Chloroform	ND		6	ug/kg	02/04/22	02/04/22
Chloromethane	ND		6	ug/kg	02/04/22	02/04/22
4-Chlorotoluene	ND		6	ug/kg	02/04/22	02/04/22
2-Chlorotoluene	ND		6	ug/kg	02/04/22	02/04/22
1,2-Dibromo-3-chloropropane (DBCP)	ND		6	ug/kg	02/04/22	02/04/22
Dibromochloromethane	ND		6	ug/kg	02/04/22	02/04/22
1,2-Dibromoethane (EDB)	ND		6	ug/kg	02/04/22	02/04/22
Dibromomethane	ND		6	ug/kg	02/04/22	02/04/22
1,2-Dichlorobenzene	ND		6	ug/kg	02/04/22	02/04/22
1,3-Dichlorobenzene	ND		6	ug/kg	02/04/22	02/04/22
1,4-Dichlorobenzene	ND		6	ug/kg	02/04/22	02/04/22
1,1-Dichloroethane	ND		6	ug/kg	02/04/22	02/04/22
1,2-Dichloroethane	ND		6	ug/kg	02/04/22	02/04/22
trans-1,2-Dichloroethene	ND		6	ug/kg	02/04/22	02/04/22
cis-1,2-Dichloroethene	ND		6	ug/kg	02/04/22	02/04/22
1,1-Dichloroethene	ND		6	ug/kg	02/04/22	02/04/22
1,2-Dichloropropane	ND		6	ug/kg	02/04/22	02/04/22
2,2-Dichloropropane	ND		6	ug/kg	02/04/22	02/04/22
cis-1,3-Dichloropropene	ND		6	ug/kg	02/04/22	02/04/22
trans-1,3-Dichloropropene	ND		6	ug/kg	02/04/22	02/04/22
1,1-Dichloropropene	ND		6	ug/kg	02/04/22	02/04/22
1,3-Dichloropropene (cis + trans)	ND		6	ug/kg	02/04/22	02/04/22
Diethyl ether	ND		6	ug/kg	02/04/22	02/04/22
1,4-Dioxane	ND		111	ug/kg	02/04/22	02/04/22
Ethylbenzene	ND		6	ug/kg	02/04/22	02/04/22
Hexachlorobutadiene	ND		6	ug/kg	02/04/22	02/04/22
2-Hexanone	ND		6	ug/kg	02/04/22	02/04/22
Isopropylbenzene	ND		6	ug/kg	02/04/22	02/04/22
p-Isopropyltoluene	ND		6	ug/kg	02/04/22	02/04/22
Methylene Chloride	ND		6	ug/kg	02/04/22	02/04/22
4-Methyl-2-pentanone	ND		6	ug/kg	02/04/22	02/04/22



## Results: Volatile Organic Compounds (Continued)

**Sample: TP-13 28" Local Sand (Continued)**

**Lab Number: 2B01034-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		6	ug/kg	02/04/22	02/04/22
n-Propylbenzene	ND		6	ug/kg	02/04/22	02/04/22
Styrene	ND		6	ug/kg	02/04/22	02/04/22
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/04/22	02/04/22
Tetrachloroethene	ND		6	ug/kg	02/04/22	02/04/22
Tetrahydrofuran	ND		6	ug/kg	02/04/22	02/04/22
Toluene	ND		6	ug/kg	02/04/22	02/04/22
1,2,4-Trichlorobenzene	ND		6	ug/kg	02/04/22	02/04/22
1,2,3-Trichlorobenzene	ND		6	ug/kg	02/04/22	02/04/22
1,1,2-Trichloroethane	ND		6	ug/kg	02/04/22	02/04/22
1,1,1-Trichloroethane	ND		6	ug/kg	02/04/22	02/04/22
Trichloroethene	ND		6	ug/kg	02/04/22	02/04/22
1,2,3-Trichloropropane	ND		6	ug/kg	02/04/22	02/04/22
1,3,5-Trimethylbenzene	ND		6	ug/kg	02/04/22	02/04/22
1,2,4-Trimethylbenzene	ND		6	ug/kg	02/04/22	02/04/22
Vinyl Chloride	ND		6	ug/kg	02/04/22	02/04/22
o-Xylene	ND		6	ug/kg	02/04/22	02/04/22
m&p-Xylene	ND		11	ug/kg	02/04/22	02/04/22
Total xylenes	ND		6	ug/kg	02/04/22	02/04/22
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/04/22	02/04/22
tert-Amyl methyl ether	ND		6	ug/kg	02/04/22	02/04/22
1,3-Dichloropropane	ND		6	ug/kg	02/04/22	02/04/22
Ethyl tert-butyl ether	ND		6	ug/kg	02/04/22	02/04/22
Diisopropyl ether	ND		6	ug/kg	02/04/22	02/04/22
Trichlorofluoromethane	ND		6	ug/kg	02/04/22	02/04/22
Dichlorodifluoromethane	ND		6	ug/kg	02/04/22	02/04/22
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>88.5%</i>		<i>70-130</i>		<i>02/04/22</i>	<i>02/04/22</i>
<i>1,2-Dichloroethane-d4</i>	<i>99.0%</i>		<i>70-130</i>		<i>02/04/22</i>	<i>02/04/22</i>
<i>Toluene-d8</i>	<i>96.1%</i>		<i>70-130</i>		<i>02/04/22</i>	<i>02/04/22</i>

## Results: Volatile Organic Compounds

**Sample: TP-13 32" Fill A**

**Lab Number: 2B01034-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		5	ug/kg	02/07/22	02/07/22
Benzene	ND		5	ug/kg	02/07/22	02/07/22
Bromobenzene	ND		5	ug/kg	02/07/22	02/07/22
Bromochloromethane	ND		5	ug/kg	02/07/22	02/07/22
Bromodichloromethane	ND		5	ug/kg	02/07/22	02/07/22
Bromoform	ND		5	ug/kg	02/07/22	02/07/22
Bromomethane	ND		5	ug/kg	02/07/22	02/07/22
2-Butanone	ND		5	ug/kg	02/07/22	02/07/22
tert-Butyl alcohol	ND		5	ug/kg	02/07/22	02/07/22
sec-Butylbenzene	ND		5	ug/kg	02/07/22	02/07/22
n-Butylbenzene	ND		5	ug/kg	02/07/22	02/07/22
tert-Butylbenzene	ND		5	ug/kg	02/07/22	02/07/22
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	02/07/22	02/07/22
Carbon Disulfide	ND		5	ug/kg	02/07/22	02/07/22
Carbon Tetrachloride	ND		5	ug/kg	02/07/22	02/07/22
Chlorobenzene	ND		5	ug/kg	02/07/22	02/07/22
Chloroethane	ND		5	ug/kg	02/07/22	02/07/22
Chloroform	ND		5	ug/kg	02/07/22	02/07/22
Chloromethane	ND		5	ug/kg	02/07/22	02/07/22
4-Chlorotoluene	ND		5	ug/kg	02/07/22	02/07/22
2-Chlorotoluene	ND		5	ug/kg	02/07/22	02/07/22
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	02/07/22	02/07/22
Dibromochloromethane	ND		5	ug/kg	02/07/22	02/07/22
1,2-Dibromoethane (EDB)	ND		5	ug/kg	02/07/22	02/07/22
Dibromomethane	ND		5	ug/kg	02/07/22	02/07/22
1,2-Dichlorobenzene	ND		5	ug/kg	02/07/22	02/07/22
1,3-Dichlorobenzene	ND		5	ug/kg	02/07/22	02/07/22
1,4-Dichlorobenzene	ND		5	ug/kg	02/07/22	02/07/22
1,1-Dichloroethane	ND		5	ug/kg	02/07/22	02/07/22
1,2-Dichloroethane	ND		5	ug/kg	02/07/22	02/07/22
trans-1,2-Dichloroethene	ND		5	ug/kg	02/07/22	02/07/22
cis-1,2-Dichloroethene	ND		5	ug/kg	02/07/22	02/07/22
1,1-Dichloroethene	ND		5	ug/kg	02/07/22	02/07/22
1,2-Dichloropropane	ND		5	ug/kg	02/07/22	02/07/22
2,2-Dichloropropane	ND		5	ug/kg	02/07/22	02/07/22
cis-1,3-Dichloropropene	ND		5	ug/kg	02/07/22	02/07/22
trans-1,3-Dichloropropene	ND		5	ug/kg	02/07/22	02/07/22
1,1-Dichloropropene	ND		5	ug/kg	02/07/22	02/07/22
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	02/07/22	02/07/22
Diethyl ether	ND		5	ug/kg	02/07/22	02/07/22
1,4-Dioxane	ND		102	ug/kg	02/07/22	02/07/22
Ethylbenzene	ND		5	ug/kg	02/07/22	02/07/22
Hexachlorobutadiene	ND		5	ug/kg	02/07/22	02/07/22
2-Hexanone	ND		5	ug/kg	02/07/22	02/07/22
Isopropylbenzene	ND		5	ug/kg	02/07/22	02/07/22
p-Isopropyltoluene	ND		5	ug/kg	02/07/22	02/07/22
Methylene Chloride	ND		5	ug/kg	02/07/22	02/07/22
4-Methyl-2-pentanone	ND		5	ug/kg	02/07/22	02/07/22

## Results: Volatile Organic Compounds (Continued)

**Sample: TP-13 32" Fill A (Continued)**

**Lab Number: 2B01034-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	02/07/22	02/07/22
n-Propylbenzene	ND		5	ug/kg	02/07/22	02/07/22
Styrene	ND		5	ug/kg	02/07/22	02/07/22
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/07/22	02/07/22
Tetrachloroethene	ND		5	ug/kg	02/07/22	02/07/22
Tetrahydrofuran	ND		5	ug/kg	02/07/22	02/07/22
Toluene	ND		5	ug/kg	02/07/22	02/07/22
1,2,4-Trichlorobenzene	ND		5	ug/kg	02/07/22	02/07/22
1,2,3-Trichlorobenzene	ND		5	ug/kg	02/07/22	02/07/22
1,1,2-Trichloroethane	ND		5	ug/kg	02/07/22	02/07/22
1,1,1-Trichloroethane	ND		5	ug/kg	02/07/22	02/07/22
Trichloroethene	ND		5	ug/kg	02/07/22	02/07/22
1,2,3-Trichloropropane	ND		5	ug/kg	02/07/22	02/07/22
1,3,5-Trimethylbenzene	ND		5	ug/kg	02/07/22	02/07/22
1,2,4-Trimethylbenzene	ND		5	ug/kg	02/07/22	02/07/22
Vinyl Chloride	ND		5	ug/kg	02/07/22	02/07/22
o-Xylene	ND		5	ug/kg	02/07/22	02/07/22
m&p-Xylene	ND		10	ug/kg	02/07/22	02/07/22
Total xylenes	ND		5	ug/kg	02/07/22	02/07/22
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/07/22	02/07/22
tert-Amyl methyl ether	ND		5	ug/kg	02/07/22	02/07/22
1,3-Dichloropropane	ND		5	ug/kg	02/07/22	02/07/22
Ethyl tert-butyl ether	ND		5	ug/kg	02/07/22	02/07/22
Diisopropyl ether	ND		5	ug/kg	02/07/22	02/07/22
Trichlorofluoromethane	ND		5	ug/kg	02/07/22	02/07/22
Dichlorodifluoromethane	ND		5	ug/kg	02/07/22	02/07/22
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>89.0%</i>		<i>70-130</i>		<i>02/07/22</i>	<i>02/07/22</i>
<i>1,2-Dichloroethane-d4</i>	<i>101%</i>		<i>70-130</i>		<i>02/07/22</i>	<i>02/07/22</i>
<i>Toluene-d8</i>	<i>96.3%</i>		<i>70-130</i>		<i>02/07/22</i>	<i>02/07/22</i>

## Results: Volatile Organic Compounds

**Sample: TP-12 Fill A 38"**

**Lab Number: 2B01034-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		328	ug/kg	02/04/22	02/04/22
Benzene	ND		6	ug/kg	02/04/22	02/04/22
Bromobenzene	ND		6	ug/kg	02/04/22	02/04/22
Bromochloromethane	ND		6	ug/kg	02/04/22	02/04/22
Bromodichloromethane	ND		6	ug/kg	02/04/22	02/04/22
Bromoform	ND		6	ug/kg	02/04/22	02/04/22
Bromomethane	ND		6	ug/kg	02/04/22	02/04/22
2-Butanone	ND		6	ug/kg	02/04/22	02/04/22
tert-Butyl alcohol	ND		6	ug/kg	02/04/22	02/04/22
sec-Butylbenzene	ND		6	ug/kg	02/04/22	02/04/22
n-Butylbenzene	ND		6	ug/kg	02/04/22	02/04/22
tert-Butylbenzene	ND		6	ug/kg	02/04/22	02/04/22
Methyl t-butyl ether (MTBE)	ND		6	ug/kg	02/04/22	02/04/22
Carbon Disulfide	ND		6	ug/kg	02/04/22	02/04/22
Carbon Tetrachloride	ND		6	ug/kg	02/04/22	02/04/22
Chlorobenzene	ND		6	ug/kg	02/04/22	02/04/22
Chloroethane	ND		6	ug/kg	02/04/22	02/04/22
Chloroform	ND		6	ug/kg	02/04/22	02/04/22
Chloromethane	ND		6	ug/kg	02/04/22	02/04/22
4-Chlorotoluene	ND		6	ug/kg	02/04/22	02/04/22
2-Chlorotoluene	ND		6	ug/kg	02/04/22	02/04/22
1,2-Dibromo-3-chloropropane (DBCP)	ND		6	ug/kg	02/04/22	02/04/22
Dibromochloromethane	ND		6	ug/kg	02/04/22	02/04/22
1,2-Dibromoethane (EDB)	ND		6	ug/kg	02/04/22	02/04/22
Dibromomethane	ND		6	ug/kg	02/04/22	02/04/22
1,2-Dichlorobenzene	ND		6	ug/kg	02/04/22	02/04/22
1,3-Dichlorobenzene	ND		6	ug/kg	02/04/22	02/04/22
1,4-Dichlorobenzene	ND		6	ug/kg	02/04/22	02/04/22
1,1-Dichloroethane	ND		6	ug/kg	02/04/22	02/04/22
1,2-Dichloroethane	ND		6	ug/kg	02/04/22	02/04/22
trans-1,2-Dichloroethene	ND		6	ug/kg	02/04/22	02/04/22
cis-1,2-Dichloroethene	ND		6	ug/kg	02/04/22	02/04/22
1,1-Dichloroethene	ND		6	ug/kg	02/04/22	02/04/22
1,2-Dichloropropane	ND		6	ug/kg	02/04/22	02/04/22
2,2-Dichloropropane	ND		6	ug/kg	02/04/22	02/04/22
cis-1,3-Dichloropropene	ND		6	ug/kg	02/04/22	02/04/22
trans-1,3-Dichloropropene	ND		6	ug/kg	02/04/22	02/04/22
1,1-Dichloropropene	ND		6	ug/kg	02/04/22	02/04/22
1,3-Dichloropropene (cis + trans)	ND		6	ug/kg	02/04/22	02/04/22
Diethyl ether	ND		6	ug/kg	02/04/22	02/04/22
1,4-Dioxane	ND		124	ug/kg	02/04/22	02/04/22
Ethylbenzene	ND		6	ug/kg	02/04/22	02/04/22
Hexachlorobutadiene	ND		6	ug/kg	02/04/22	02/04/22
2-Hexanone	ND		6	ug/kg	02/04/22	02/04/22
Isopropylbenzene	ND		6	ug/kg	02/04/22	02/04/22
p-Isopropyltoluene	ND		6	ug/kg	02/04/22	02/04/22
Methylene Chloride	ND		6	ug/kg	02/04/22	02/04/22
4-Methyl-2-pentanone	ND		6	ug/kg	02/04/22	02/04/22

## Results: Volatile Organic Compounds (Continued)

**Sample: TP-12 Fill A 38" (Continued)**

**Lab Number: 2B01034-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		6	ug/kg	02/04/22	02/04/22
n-Propylbenzene	ND		6	ug/kg	02/04/22	02/04/22
Styrene	ND		6	ug/kg	02/04/22	02/04/22
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/04/22	02/04/22
Tetrachloroethene	ND		6	ug/kg	02/04/22	02/04/22
Tetrahydrofuran	ND		6	ug/kg	02/04/22	02/04/22
Toluene	ND		6	ug/kg	02/04/22	02/04/22
1,2,4-Trichlorobenzene	ND		6	ug/kg	02/04/22	02/04/22
1,2,3-Trichlorobenzene	ND		6	ug/kg	02/04/22	02/04/22
1,1,2-Trichloroethane	ND		6	ug/kg	02/04/22	02/04/22
1,1,1-Trichloroethane	ND		6	ug/kg	02/04/22	02/04/22
Trichloroethene	ND		6	ug/kg	02/04/22	02/04/22
1,2,3-Trichloropropane	ND		6	ug/kg	02/04/22	02/04/22
1,3,5-Trimethylbenzene	ND		6	ug/kg	02/04/22	02/04/22
1,2,4-Trimethylbenzene	ND		6	ug/kg	02/04/22	02/04/22
Vinyl Chloride	ND		6	ug/kg	02/04/22	02/04/22
o-Xylene	ND		6	ug/kg	02/04/22	02/04/22
m&p-Xylene	ND		12	ug/kg	02/04/22	02/04/22
Total xylenes	ND		6	ug/kg	02/04/22	02/04/22
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/04/22	02/04/22
tert-Amyl methyl ether	ND		6	ug/kg	02/04/22	02/04/22
1,3-Dichloropropane	ND		6	ug/kg	02/04/22	02/04/22
Ethyl tert-butyl ether	ND		6	ug/kg	02/04/22	02/04/22
Diisopropyl ether	ND		6	ug/kg	02/04/22	02/04/22
Trichlorofluoromethane	ND		6	ug/kg	02/04/22	02/04/22
Dichlorodifluoromethane	ND		6	ug/kg	02/04/22	02/04/22
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>87.4%</i>		<i>70-130</i>		<i>02/04/22</i>	<i>02/04/22</i>
<i>1,2-Dichloroethane-d4</i>	<i>101%</i>		<i>70-130</i>		<i>02/04/22</i>	<i>02/04/22</i>
<i>Toluene-d8</i>	<i>96.3%</i>		<i>70-130</i>		<i>02/04/22</i>	<i>02/04/22</i>

## Results: Volatile Organic Compounds

**Sample: TP-12 Fill C 55"**

**Lab Number: 2B01034-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		333	ug/kg	02/04/22	02/04/22
Benzene	ND		5	ug/kg	02/04/22	02/04/22
Bromobenzene	ND		5	ug/kg	02/04/22	02/04/22
Bromochloromethane	ND		5	ug/kg	02/04/22	02/04/22
Bromodichloromethane	ND		5	ug/kg	02/04/22	02/04/22
Bromoform	ND		5	ug/kg	02/04/22	02/04/22
Bromomethane	ND		5	ug/kg	02/04/22	02/04/22
2-Butanone	ND		5	ug/kg	02/04/22	02/04/22
tert-Butyl alcohol	ND		5	ug/kg	02/04/22	02/04/22
sec-Butylbenzene	ND		5	ug/kg	02/04/22	02/04/22
n-Butylbenzene	ND		5	ug/kg	02/04/22	02/04/22
tert-Butylbenzene	ND		5	ug/kg	02/04/22	02/04/22
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	02/04/22	02/04/22
Carbon Disulfide	ND		5	ug/kg	02/04/22	02/04/22
Carbon Tetrachloride	ND		5	ug/kg	02/04/22	02/04/22
Chlorobenzene	ND		5	ug/kg	02/04/22	02/04/22
Chloroethane	ND		5	ug/kg	02/04/22	02/04/22
Chloroform	ND		5	ug/kg	02/04/22	02/04/22
Chloromethane	ND		5	ug/kg	02/04/22	02/04/22
4-Chlorotoluene	ND		5	ug/kg	02/04/22	02/04/22
2-Chlorotoluene	ND		5	ug/kg	02/04/22	02/04/22
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	02/04/22	02/04/22
Dibromochloromethane	ND		5	ug/kg	02/04/22	02/04/22
1,2-Dibromoethane (EDB)	ND		5	ug/kg	02/04/22	02/04/22
Dibromomethane	ND		5	ug/kg	02/04/22	02/04/22
1,2-Dichlorobenzene	ND		5	ug/kg	02/04/22	02/04/22
1,3-Dichlorobenzene	ND		5	ug/kg	02/04/22	02/04/22
1,4-Dichlorobenzene	ND		5	ug/kg	02/04/22	02/04/22
1,1-Dichloroethane	ND		5	ug/kg	02/04/22	02/04/22
1,2-Dichloroethane	ND		5	ug/kg	02/04/22	02/04/22
trans-1,2-Dichloroethene	ND		5	ug/kg	02/04/22	02/04/22
cis-1,2-Dichloroethene	ND		5	ug/kg	02/04/22	02/04/22
1,1-Dichloroethene	ND		5	ug/kg	02/04/22	02/04/22
1,2-Dichloropropane	ND		5	ug/kg	02/04/22	02/04/22
2,2-Dichloropropane	ND		5	ug/kg	02/04/22	02/04/22
cis-1,3-Dichloropropene	ND		5	ug/kg	02/04/22	02/04/22
trans-1,3-Dichloropropene	ND		5	ug/kg	02/04/22	02/04/22
1,1-Dichloropropene	ND		5	ug/kg	02/04/22	02/04/22
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	02/04/22	02/04/22
Diethyl ether	ND		5	ug/kg	02/04/22	02/04/22
1,4-Dioxane	ND		106	ug/kg	02/04/22	02/04/22
Ethylbenzene	ND		5	ug/kg	02/04/22	02/04/22
Hexachlorobutadiene	ND		5	ug/kg	02/04/22	02/04/22
2-Hexanone	ND		5	ug/kg	02/04/22	02/04/22
Isopropylbenzene	ND		5	ug/kg	02/04/22	02/04/22
p-Isopropyltoluene	ND		5	ug/kg	02/04/22	02/04/22
Methylene Chloride	ND		5	ug/kg	02/04/22	02/04/22
4-Methyl-2-pentanone	ND		5	ug/kg	02/04/22	02/04/22

## Results: Volatile Organic Compounds (Continued)

**Sample: TP-12 Fill C 55" (Continued)**

**Lab Number: 2B01034-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	02/04/22	02/04/22
n-Propylbenzene	ND		5	ug/kg	02/04/22	02/04/22
Styrene	ND		5	ug/kg	02/04/22	02/04/22
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/04/22	02/04/22
Tetrachloroethene	ND		5	ug/kg	02/04/22	02/04/22
Tetrahydrofuran	ND		5	ug/kg	02/04/22	02/04/22
Toluene	ND		5	ug/kg	02/04/22	02/04/22
1,2,4-Trichlorobenzene	ND		5	ug/kg	02/04/22	02/04/22
1,2,3-Trichlorobenzene	ND		5	ug/kg	02/04/22	02/04/22
1,1,2-Trichloroethane	ND		5	ug/kg	02/04/22	02/04/22
1,1,1-Trichloroethane	ND		5	ug/kg	02/04/22	02/04/22
Trichloroethene	ND		5	ug/kg	02/04/22	02/04/22
1,2,3-Trichloropropane	ND		5	ug/kg	02/04/22	02/04/22
1,3,5-Trimethylbenzene	ND		5	ug/kg	02/04/22	02/04/22
1,2,4-Trimethylbenzene	ND		5	ug/kg	02/04/22	02/04/22
Vinyl Chloride	ND		5	ug/kg	02/04/22	02/04/22
o-Xylene	ND		5	ug/kg	02/04/22	02/04/22
m&p-Xylene	ND		11	ug/kg	02/04/22	02/04/22
Total xylenes	ND		5	ug/kg	02/04/22	02/04/22
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/04/22	02/04/22
tert-Amyl methyl ether	ND		5	ug/kg	02/04/22	02/04/22
1,3-Dichloropropane	ND		5	ug/kg	02/04/22	02/04/22
Ethyl tert-butyl ether	ND		5	ug/kg	02/04/22	02/04/22
Diisopropyl ether	ND		5	ug/kg	02/04/22	02/04/22
Trichlorofluoromethane	ND		5	ug/kg	02/04/22	02/04/22
Dichlorodifluoromethane	ND		5	ug/kg	02/04/22	02/04/22
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>85.2%</i>		<i>70-130</i>		<i>02/04/22</i>	<i>02/04/22</i>
<i>1,2-Dichloroethane-d4</i>	<i>100%</i>		<i>70-130</i>		<i>02/04/22</i>	<i>02/04/22</i>
<i>Toluene-d8</i>	<i>94.9%</i>		<i>70-130</i>		<i>02/04/22</i>	<i>02/04/22</i>

## Results: Volatile Organic Compounds

**Sample: TP-10 Fill A 18"**

**Lab Number: 2B01034-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		166	ug/kg	02/04/22	02/04/22
Benzene	ND		5	ug/kg	02/04/22	02/04/22
Bromobenzene	ND		5	ug/kg	02/04/22	02/04/22
Bromochloromethane	ND		5	ug/kg	02/04/22	02/04/22
Bromodichloromethane	ND		5	ug/kg	02/04/22	02/04/22
Bromoform	ND		5	ug/kg	02/04/22	02/04/22
Bromomethane	ND		5	ug/kg	02/04/22	02/04/22
2-Butanone	ND		5	ug/kg	02/04/22	02/04/22
tert-Butyl alcohol	ND		5	ug/kg	02/04/22	02/04/22
sec-Butylbenzene	ND		5	ug/kg	02/04/22	02/04/22
n-Butylbenzene	ND		5	ug/kg	02/04/22	02/04/22
tert-Butylbenzene	ND		5	ug/kg	02/04/22	02/04/22
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	02/04/22	02/04/22
Carbon Disulfide	ND		5	ug/kg	02/04/22	02/04/22
Carbon Tetrachloride	ND		5	ug/kg	02/04/22	02/04/22
Chlorobenzene	ND		5	ug/kg	02/04/22	02/04/22
Chloroethane	ND		5	ug/kg	02/04/22	02/04/22
Chloroform	ND		5	ug/kg	02/04/22	02/04/22
Chloromethane	ND		5	ug/kg	02/04/22	02/04/22
4-Chlorotoluene	ND		5	ug/kg	02/04/22	02/04/22
2-Chlorotoluene	ND		5	ug/kg	02/04/22	02/04/22
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	02/04/22	02/04/22
Dibromochloromethane	ND		5	ug/kg	02/04/22	02/04/22
1,2-Dibromoethane (EDB)	ND		5	ug/kg	02/04/22	02/04/22
Dibromomethane	ND		5	ug/kg	02/04/22	02/04/22
1,2-Dichlorobenzene	ND		5	ug/kg	02/04/22	02/04/22
1,3-Dichlorobenzene	ND		5	ug/kg	02/04/22	02/04/22
1,4-Dichlorobenzene	ND		5	ug/kg	02/04/22	02/04/22
1,1-Dichloroethane	ND		5	ug/kg	02/04/22	02/04/22
1,2-Dichloroethane	ND		5	ug/kg	02/04/22	02/04/22
trans-1,2-Dichloroethene	ND		5	ug/kg	02/04/22	02/04/22
cis-1,2-Dichloroethene	ND		5	ug/kg	02/04/22	02/04/22
1,1-Dichloroethene	ND		5	ug/kg	02/04/22	02/04/22
1,2-Dichloropropane	ND		5	ug/kg	02/04/22	02/04/22
2,2-Dichloropropane	ND		5	ug/kg	02/04/22	02/04/22
cis-1,3-Dichloropropene	ND		5	ug/kg	02/04/22	02/04/22
trans-1,3-Dichloropropene	ND		5	ug/kg	02/04/22	02/04/22
1,1-Dichloropropene	ND		5	ug/kg	02/04/22	02/04/22
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	02/04/22	02/04/22
Diethyl ether	ND		5	ug/kg	02/04/22	02/04/22
1,4-Dioxane	ND		99	ug/kg	02/04/22	02/04/22
Ethylbenzene	ND		5	ug/kg	02/04/22	02/04/22
Hexachlorobutadiene	ND		5	ug/kg	02/04/22	02/04/22
2-Hexanone	ND		5	ug/kg	02/04/22	02/04/22
Isopropylbenzene	ND		5	ug/kg	02/04/22	02/04/22
p-Isopropyltoluene	ND		5	ug/kg	02/04/22	02/04/22
Methylene Chloride	ND		5	ug/kg	02/04/22	02/04/22
4-Methyl-2-pentanone	ND		5	ug/kg	02/04/22	02/04/22



## Results: Volatile Organic Compounds (Continued)

**Sample: TP-10 Fill A 18" (Continued)**

**Lab Number: 2B01034-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	02/04/22	02/04/22
n-Propylbenzene	ND		5	ug/kg	02/04/22	02/04/22
Styrene	ND		5	ug/kg	02/04/22	02/04/22
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/04/22	02/04/22
Tetrachloroethene	ND		5	ug/kg	02/04/22	02/04/22
Tetrahydrofuran	ND		5	ug/kg	02/04/22	02/04/22
Toluene	ND		5	ug/kg	02/04/22	02/04/22
1,2,4-Trichlorobenzene	ND		5	ug/kg	02/04/22	02/04/22
1,2,3-Trichlorobenzene	ND		5	ug/kg	02/04/22	02/04/22
1,1,2-Trichloroethane	ND		5	ug/kg	02/04/22	02/04/22
1,1,1-Trichloroethane	ND		5	ug/kg	02/04/22	02/04/22
Trichloroethene	ND		5	ug/kg	02/04/22	02/04/22
1,2,3-Trichloropropane	ND		5	ug/kg	02/04/22	02/04/22
1,3,5-Trimethylbenzene	ND		5	ug/kg	02/04/22	02/04/22
1,2,4-Trimethylbenzene	ND		5	ug/kg	02/04/22	02/04/22
Vinyl Chloride	ND		5	ug/kg	02/04/22	02/04/22
o-Xylene	ND		5	ug/kg	02/04/22	02/04/22
m&p-Xylene	ND		10	ug/kg	02/04/22	02/04/22
Total xylenes	ND		5	ug/kg	02/04/22	02/04/22
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/04/22	02/04/22
tert-Amyl methyl ether	ND		5	ug/kg	02/04/22	02/04/22
1,3-Dichloropropane	ND		5	ug/kg	02/04/22	02/04/22
Ethyl tert-butyl ether	ND		5	ug/kg	02/04/22	02/04/22
Diisopropyl ether	ND		5	ug/kg	02/04/22	02/04/22
Trichlorofluoromethane	ND		5	ug/kg	02/04/22	02/04/22
Dichlorodifluoromethane	ND		5	ug/kg	02/04/22	02/04/22
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	90.7%		70-130		02/04/22	02/04/22
<i>1,2-Dichloroethane-d4</i>	99.7%		70-130		02/04/22	02/04/22
<i>Toluene-d8</i>	97.2%		70-130		02/04/22	02/04/22

## Results: Volatile Organic Compounds

**Sample: TP-10 C Layer 37"**

**Lab Number: 2B01034-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		260	ug/kg	02/04/22	02/04/22
Benzene	ND		5	ug/kg	02/04/22	02/04/22
Bromobenzene	ND		5	ug/kg	02/04/22	02/04/22
Bromochloromethane	ND		5	ug/kg	02/04/22	02/04/22
Bromodichloromethane	ND		5	ug/kg	02/04/22	02/04/22
Bromoform	ND		5	ug/kg	02/04/22	02/04/22
Bromomethane	ND		5	ug/kg	02/04/22	02/04/22
2-Butanone	ND		5	ug/kg	02/04/22	02/04/22
tert-Butyl alcohol	ND		5	ug/kg	02/04/22	02/04/22
sec-Butylbenzene	ND		5	ug/kg	02/04/22	02/04/22
n-Butylbenzene	ND		5	ug/kg	02/04/22	02/04/22
tert-Butylbenzene	ND		5	ug/kg	02/04/22	02/04/22
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	02/04/22	02/04/22
Carbon Disulfide	ND		5	ug/kg	02/04/22	02/04/22
Carbon Tetrachloride	ND		5	ug/kg	02/04/22	02/04/22
Chlorobenzene	ND		5	ug/kg	02/04/22	02/04/22
Chloroethane	ND		5	ug/kg	02/04/22	02/04/22
Chloroform	ND		5	ug/kg	02/04/22	02/04/22
Chloromethane	ND		5	ug/kg	02/04/22	02/04/22
4-Chlorotoluene	ND		5	ug/kg	02/04/22	02/04/22
2-Chlorotoluene	ND		5	ug/kg	02/04/22	02/04/22
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	02/04/22	02/04/22
Dibromochloromethane	ND		5	ug/kg	02/04/22	02/04/22
1,2-Dibromoethane (EDB)	ND		5	ug/kg	02/04/22	02/04/22
Dibromomethane	ND		5	ug/kg	02/04/22	02/04/22
1,2-Dichlorobenzene	ND		5	ug/kg	02/04/22	02/04/22
1,3-Dichlorobenzene	ND		5	ug/kg	02/04/22	02/04/22
1,4-Dichlorobenzene	ND		5	ug/kg	02/04/22	02/04/22
1,1-Dichloroethane	ND		5	ug/kg	02/04/22	02/04/22
1,2-Dichloroethane	ND		5	ug/kg	02/04/22	02/04/22
trans-1,2-Dichloroethene	ND		5	ug/kg	02/04/22	02/04/22
cis-1,2-Dichloroethene	ND		5	ug/kg	02/04/22	02/04/22
1,1-Dichloroethene	ND		5	ug/kg	02/04/22	02/04/22
1,2-Dichloropropane	ND		5	ug/kg	02/04/22	02/04/22
2,2-Dichloropropane	ND		5	ug/kg	02/04/22	02/04/22
cis-1,3-Dichloropropene	ND		5	ug/kg	02/04/22	02/04/22
trans-1,3-Dichloropropene	ND		5	ug/kg	02/04/22	02/04/22
1,1-Dichloropropene	ND		5	ug/kg	02/04/22	02/04/22
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	02/04/22	02/04/22
Diethyl ether	ND		5	ug/kg	02/04/22	02/04/22
1,4-Dioxane	ND		99	ug/kg	02/04/22	02/04/22
Ethylbenzene	ND		5	ug/kg	02/04/22	02/04/22
Hexachlorobutadiene	ND		5	ug/kg	02/04/22	02/04/22
2-Hexanone	ND		5	ug/kg	02/04/22	02/04/22
Isopropylbenzene	ND		5	ug/kg	02/04/22	02/04/22
p-Isopropyltoluene	ND		5	ug/kg	02/04/22	02/04/22
Methylene Chloride	ND		5	ug/kg	02/04/22	02/04/22
4-Methyl-2-pentanone	ND		5	ug/kg	02/04/22	02/04/22

## Results: Volatile Organic Compounds (Continued)

**Sample: TP-10 C Layer 37" (Continued)**

**Lab Number: 2B01034-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	02/04/22	02/04/22
n-Propylbenzene	ND		5	ug/kg	02/04/22	02/04/22
Styrene	ND		5	ug/kg	02/04/22	02/04/22
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/04/22	02/04/22
Tetrachloroethene	ND		5	ug/kg	02/04/22	02/04/22
Tetrahydrofuran	ND		5	ug/kg	02/04/22	02/04/22
Toluene	ND		5	ug/kg	02/04/22	02/04/22
1,2,4-Trichlorobenzene	ND		5	ug/kg	02/04/22	02/04/22
1,2,3-Trichlorobenzene	ND		5	ug/kg	02/04/22	02/04/22
1,1,2-Trichloroethane	ND		5	ug/kg	02/04/22	02/04/22
1,1,1-Trichloroethane	ND		5	ug/kg	02/04/22	02/04/22
Trichloroethene	ND		5	ug/kg	02/04/22	02/04/22
1,2,3-Trichloropropane	ND		5	ug/kg	02/04/22	02/04/22
1,3,5-Trimethylbenzene	ND		5	ug/kg	02/04/22	02/04/22
1,2,4-Trimethylbenzene	ND		5	ug/kg	02/04/22	02/04/22
Vinyl Chloride	ND		5	ug/kg	02/04/22	02/04/22
o-Xylene	ND		5	ug/kg	02/04/22	02/04/22
m&p-Xylene	ND		10	ug/kg	02/04/22	02/04/22
Total xylenes	ND		5	ug/kg	02/04/22	02/04/22
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/04/22	02/04/22
tert-Amyl methyl ether	ND		5	ug/kg	02/04/22	02/04/22
1,3-Dichloropropane	ND		5	ug/kg	02/04/22	02/04/22
Ethyl tert-butyl ether	ND		5	ug/kg	02/04/22	02/04/22
Diisopropyl ether	ND		5	ug/kg	02/04/22	02/04/22
Trichlorofluoromethane	ND		5	ug/kg	02/04/22	02/04/22
Dichlorodifluoromethane	ND		5	ug/kg	02/04/22	02/04/22
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>94.0%</i>		<i>70-130</i>		<i>02/04/22</i>	<i>02/04/22</i>
<i>1,2-Dichloroethane-d4</i>	<i>99.5%</i>		<i>70-130</i>		<i>02/04/22</i>	<i>02/04/22</i>
<i>Toluene-d8</i>	<i>97.0%</i>		<i>70-130</i>		<i>02/04/22</i>	<i>02/04/22</i>

## Results: Semivolatile organic compounds

**Sample: B22-3**

**Lab Number: 2B01034-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		144	ug/kg	02/02/22	02/07/22
1,2-Dichlorobenzene	ND		144	ug/kg	02/02/22	02/07/22
1,3-Dichlorobenzene	ND		144	ug/kg	02/02/22	02/07/22
1,4-Dichlorobenzene	ND		144	ug/kg	02/02/22	02/07/22
Phenol	ND		144	ug/kg	02/02/22	02/07/22
2,4,5-Trichlorophenol	ND		144	ug/kg	02/02/22	02/07/22
2,4,6-Trichlorophenol	ND		144	ug/kg	02/02/22	02/07/22
2,4-Dichlorophenol	ND		144	ug/kg	02/02/22	02/07/22
2,4-Dimethylphenol	ND		366	ug/kg	02/02/22	02/07/22
2,4-Dinitrophenol	ND		366	ug/kg	02/02/22	02/07/22
2,4-Dinitrotoluene	ND		144	ug/kg	02/02/22	02/07/22
2,6-Dinitrotoluene	ND		144	ug/kg	02/02/22	02/07/22
2-Chloronaphthalene	ND		144	ug/kg	02/02/22	02/07/22
2-Chlorophenol	ND		144	ug/kg	02/02/22	02/07/22
2-Methylnaphthalene	ND		144	ug/kg	02/02/22	02/07/22
Nitrobenzene	ND		144	ug/kg	02/02/22	02/07/22
2-Methylphenol	ND		144	ug/kg	02/02/22	02/07/22
2-Nitroaniline	ND		144	ug/kg	02/02/22	02/07/22
2-Nitrophenol	ND		366	ug/kg	02/02/22	02/07/22
3,3'-Dichlorobenzidine	ND		366	ug/kg	02/02/22	02/07/22
3-Nitroaniline	ND		144	ug/kg	02/02/22	02/07/22
4,6-Dinitro-2-methylphenol	ND		366	ug/kg	02/02/22	02/07/22
4-Bromophenyl phenyl ether	ND		144	ug/kg	02/02/22	02/07/22
4-Chloro-3-methylphenol	ND		144	ug/kg	02/02/22	02/07/22
4-Chloroaniline	ND		144	ug/kg	02/02/22	02/07/22
4-Chlorophenyl phenyl ether	ND		144	ug/kg	02/02/22	02/07/22
4-Nitroaniline	ND		144	ug/kg	02/02/22	02/07/22
4-Nitrophenol	ND		366	ug/kg	02/02/22	02/07/22
Acenaphthene	ND		144	ug/kg	02/02/22	02/07/22
Acenaphthylene	ND		144	ug/kg	02/02/22	02/07/22
Aniline	ND		144	ug/kg	02/02/22	02/07/22
Anthracene	ND		144	ug/kg	02/02/22	02/07/22
Benzo(a)anthracene	ND		144	ug/kg	02/02/22	02/07/22
Benzo(a)pyrene	ND		144	ug/kg	02/02/22	02/07/22
Benzo(b)fluoranthene	ND		144	ug/kg	02/02/22	02/07/22
Benzo(g,h,i)perylene	ND		144	ug/kg	02/02/22	02/07/22
Benzo(k)fluoranthene	ND		144	ug/kg	02/02/22	02/07/22
Benzoic acid	ND		1110	ug/kg	02/02/22	02/07/22
Biphenyl	ND		44	ug/kg	02/02/22	02/07/22
Bis(2-chloroethoxy)methane	ND		144	ug/kg	02/02/22	02/07/22
Bis(2-chloroethyl)ether	ND		144	ug/kg	02/02/22	02/07/22
Bis(2-chloroisopropyl)ether	ND		144	ug/kg	02/02/22	02/07/22
Bis(2-ethylhexyl)phthalate	ND		444	ug/kg	02/02/22	02/07/22
Butyl benzyl phthalate	ND		144	ug/kg	02/02/22	02/07/22
Chrysene	ND		144	ug/kg	02/02/22	02/07/22
Di(n)octyl phthalate	ND		222	ug/kg	02/02/22	02/07/22
Dibenz(a,h)anthracene	ND		144	ug/kg	02/02/22	02/07/22
Dibenzofuran	ND		144	ug/kg	02/02/22	02/07/22

## Results: Semivolatile organic compounds (Continued)

**Sample: B22-3 (Continued)**

**Lab Number: 2B01034-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		144	ug/kg	02/02/22	02/07/22
Dimethyl phthalate	ND		366	ug/kg	02/02/22	02/07/22
Di-n-butylphthalate	ND		222	ug/kg	02/02/22	02/07/22
Fluoranthene	ND		144	ug/kg	02/02/22	02/07/22
Fluorene	ND		144	ug/kg	02/02/22	02/07/22
Hexachlorobenzene	ND		144	ug/kg	02/02/22	02/07/22
Hexachlorobutadiene	ND		144	ug/kg	02/02/22	02/07/22
Hexachlorocyclopentadiene	ND		366	ug/kg	02/02/22	02/07/22
Hexachloroethane	ND		144	ug/kg	02/02/22	02/07/22
Indeno(1,2,3-cd)pyrene	ND		144	ug/kg	02/02/22	02/07/22
Isophorone	ND		144	ug/kg	02/02/22	02/07/22
Naphthalene	ND		144	ug/kg	02/02/22	02/07/22
N-Nitrosodimethylamine	ND		144	ug/kg	02/02/22	02/07/22
N-Nitrosodi-n-propylamine	ND		144	ug/kg	02/02/22	02/07/22
N-Nitrosodiphenylamine	ND		144	ug/kg	02/02/22	02/07/22
Pentachlorophenol	ND		366	ug/kg	02/02/22	02/07/22
Phenanthrene	ND		144	ug/kg	02/02/22	02/07/22
Pyrene	ND		144	ug/kg	02/02/22	02/07/22
m&p-Cresol	ND		289	ug/kg	02/02/22	02/07/22
Pyridine	ND		144	ug/kg	02/02/22	02/07/22
<hr/>						
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	52.3%		30-126		02/02/22	02/07/22
<i>p-Terphenyl-d14</i>	103%		47-130		02/02/22	02/07/22
<i>2-Fluorobiphenyl</i>	67.0%		34-130		02/02/22	02/07/22
<i>Phenol-d6</i>	60.7%		30-130		02/02/22	02/07/22
<i>2,4,6-Tribromophenol</i>	95.4%		30-130		02/02/22	02/07/22
<i>2-Fluorophenol</i>	54.6%		30-130		02/02/22	02/07/22

## Results: Semivolatile organic compounds

**Sample: TP-13 28" Local Sand**

**Lab Number: 2B01034-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		303	ug/kg	02/02/22	02/07/22
1,2-Dichlorobenzene	ND		303	ug/kg	02/02/22	02/07/22
1,3-Dichlorobenzene	ND		303	ug/kg	02/02/22	02/07/22
1,4-Dichlorobenzene	ND		303	ug/kg	02/02/22	02/07/22
Phenol	ND		303	ug/kg	02/02/22	02/07/22
2,4,5-Trichlorophenol	ND		303	ug/kg	02/02/22	02/07/22
2,4,6-Trichlorophenol	ND		303	ug/kg	02/02/22	02/07/22
2,4-Dichlorophenol	ND		303	ug/kg	02/02/22	02/07/22
2,4-Dimethylphenol	ND		770	ug/kg	02/02/22	02/07/22
2,4-Dinitrophenol	ND		770	ug/kg	02/02/22	02/07/22
2,4-Dinitrotoluene	ND		303	ug/kg	02/02/22	02/07/22
2,6-Dinitrotoluene	ND		303	ug/kg	02/02/22	02/07/22
2-Chloronaphthalene	ND		303	ug/kg	02/02/22	02/07/22
2-Chlorophenol	ND		303	ug/kg	02/02/22	02/07/22
2-Methylnaphthalene	ND		303	ug/kg	02/02/22	02/07/22
Nitrobenzene	ND		303	ug/kg	02/02/22	02/07/22
2-Methylphenol	ND		303	ug/kg	02/02/22	02/07/22
2-Nitroaniline	ND		303	ug/kg	02/02/22	02/07/22
2-Nitrophenol	ND		770	ug/kg	02/02/22	02/07/22
3,3'-Dichlorobenzidine	ND		770	ug/kg	02/02/22	02/07/22
3-Nitroaniline	ND		303	ug/kg	02/02/22	02/07/22
4,6-Dinitro-2-methylphenol	ND		770	ug/kg	02/02/22	02/07/22
4-Bromophenyl phenyl ether	ND		303	ug/kg	02/02/22	02/07/22
4-Chloro-3-methylphenol	ND		303	ug/kg	02/02/22	02/07/22
4-Chloroaniline	ND		303	ug/kg	02/02/22	02/07/22
4-Chlorophenyl phenyl ether	ND		303	ug/kg	02/02/22	02/07/22
4-Nitroaniline	ND		303	ug/kg	02/02/22	02/07/22
4-Nitrophenol	ND		770	ug/kg	02/02/22	02/07/22
Acenaphthene	ND		303	ug/kg	02/02/22	02/07/22
Acenaphthylene	ND		303	ug/kg	02/02/22	02/07/22
Aniline	ND		303	ug/kg	02/02/22	02/07/22
<b>Anthracene</b>	<b>568</b>		303	ug/kg	02/02/22	02/07/22
<b>Benzo(a)anthracene</b>	<b>2250</b>		303	ug/kg	02/02/22	02/07/22
<b>Benzo(a)pyrene</b>	<b>1670</b>		303	ug/kg	02/02/22	02/07/22
<b>Benzo(b)fluoranthene</b>	<b>2400</b>		303	ug/kg	02/02/22	02/07/22
<b>Benzo(g,h,i)perylene</b>	<b>1080</b>		303	ug/kg	02/02/22	02/07/22
<b>Benzo(k)fluoranthene</b>	<b>885</b>		303	ug/kg	02/02/22	02/07/22
Benzoic acid	ND		2330	ug/kg	02/02/22	02/07/22
Biphenyl	ND		93	ug/kg	02/02/22	02/07/22
Bis(2-chloroethoxy)methane	ND		303	ug/kg	02/02/22	02/07/22
Bis(2-chloroethyl)ether	ND		303	ug/kg	02/02/22	02/07/22
Bis(2-chloroisopropyl)ether	ND		303	ug/kg	02/02/22	02/07/22
Bis(2-ethylhexyl)phthalate	ND		933	ug/kg	02/02/22	02/07/22
Butyl benzyl phthalate	ND		303	ug/kg	02/02/22	02/07/22
<b>Chrysene</b>	<b>2330</b>		303	ug/kg	02/02/22	02/07/22
Di(n)octyl phthalate	ND		467	ug/kg	02/02/22	02/07/22
Dibenz(a,h)anthracene	ND		303	ug/kg	02/02/22	02/07/22
Dibenzofuran	ND		303	ug/kg	02/02/22	02/07/22

## Results: Semivolatile organic compounds (Continued)

**Sample: TP-13 28" Local Sand (Continued)**

**Lab Number: 2B01034-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		303	ug/kg	02/02/22	02/07/22
Dimethyl phthalate	ND		770	ug/kg	02/02/22	02/07/22
Di-n-butylphthalate	ND		467	ug/kg	02/02/22	02/07/22
<b>Fluoranthene</b>	<b>3970</b>		303	ug/kg	02/02/22	02/07/22
Fluorene	ND		303	ug/kg	02/02/22	02/07/22
Hexachlorobenzene	ND		303	ug/kg	02/02/22	02/07/22
Hexachlorobutadiene	ND		303	ug/kg	02/02/22	02/07/22
Hexachlorocyclopentadiene	ND		770	ug/kg	02/02/22	02/07/22
Hexachloroethane	ND		303	ug/kg	02/02/22	02/07/22
<b>Indeno(1,2,3-cd)pyrene</b>	<b>1090</b>		303	ug/kg	02/02/22	02/07/22
Isophorone	ND		303	ug/kg	02/02/22	02/07/22
Naphthalene	ND		303	ug/kg	02/02/22	02/07/22
N-Nitrosodimethylamine	ND		303	ug/kg	02/02/22	02/07/22
N-Nitrosodi-n-propylamine	ND		303	ug/kg	02/02/22	02/07/22
N-Nitrosodiphenylamine	ND		303	ug/kg	02/02/22	02/07/22
Pentachlorophenol	ND		770	ug/kg	02/02/22	02/07/22
<b>Phenanthrene</b>	<b>2380</b>		303	ug/kg	02/02/22	02/07/22
<b>Pyrene</b>	<b>3920</b>		303	ug/kg	02/02/22	02/07/22
m&p-Cresol	ND		607	ug/kg	02/02/22	02/07/22
Pyridine	ND		303	ug/kg	02/02/22	02/07/22
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	43.4%		30-126		02/02/22	02/07/22
<i>p-Terphenyl-d14</i>	78.0%		47-130		02/02/22	02/07/22
<i>2-Fluorobiphenyl</i>	54.7%		34-130		02/02/22	02/07/22
<i>Phenol-d6</i>	46.2%		30-130		02/02/22	02/07/22
<i>2,4,6-Tribromophenol</i>	67.6%		30-130		02/02/22	02/07/22
<i>2-Fluorophenol</i>	39.5%		30-130		02/02/22	02/07/22

## Results: Semivolatile organic compounds

**Sample: TP-13 32" Fill A**

**Lab Number: 2B01034-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		147	ug/kg	02/02/22	02/07/22
1,2-Dichlorobenzene	ND		147	ug/kg	02/02/22	02/07/22
1,3-Dichlorobenzene	ND		147	ug/kg	02/02/22	02/07/22
1,4-Dichlorobenzene	ND		147	ug/kg	02/02/22	02/07/22
Phenol	ND		147	ug/kg	02/02/22	02/07/22
2,4,5-Trichlorophenol	ND		147	ug/kg	02/02/22	02/07/22
2,4,6-Trichlorophenol	ND		147	ug/kg	02/02/22	02/07/22
2,4-Dichlorophenol	ND		147	ug/kg	02/02/22	02/07/22
2,4-Dimethylphenol	ND		374	ug/kg	02/02/22	02/07/22
2,4-Dinitrophenol	ND		374	ug/kg	02/02/22	02/07/22
2,4-Dinitrotoluene	ND		147	ug/kg	02/02/22	02/07/22
2,6-Dinitrotoluene	ND		147	ug/kg	02/02/22	02/07/22
2-Chloronaphthalene	ND		147	ug/kg	02/02/22	02/07/22
2-Chlorophenol	ND		147	ug/kg	02/02/22	02/07/22
2-Methylnaphthalene	ND		147	ug/kg	02/02/22	02/07/22
Nitrobenzene	ND		147	ug/kg	02/02/22	02/07/22
2-Methylphenol	ND		147	ug/kg	02/02/22	02/07/22
2-Nitroaniline	ND		147	ug/kg	02/02/22	02/07/22
2-Nitrophenol	ND		374	ug/kg	02/02/22	02/07/22
3,3'-Dichlorobenzidine	ND		374	ug/kg	02/02/22	02/07/22
3-Nitroaniline	ND		147	ug/kg	02/02/22	02/07/22
4,6-Dinitro-2-methylphenol	ND		374	ug/kg	02/02/22	02/07/22
4-Bromophenyl phenyl ether	ND		147	ug/kg	02/02/22	02/07/22
4-Chloro-3-methylphenol	ND		147	ug/kg	02/02/22	02/07/22
4-Chloroaniline	ND		147	ug/kg	02/02/22	02/07/22
4-Chlorophenyl phenyl ether	ND		147	ug/kg	02/02/22	02/07/22
4-Nitroaniline	ND		147	ug/kg	02/02/22	02/07/22
4-Nitrophenol	ND		374	ug/kg	02/02/22	02/07/22
Acenaphthene	ND		147	ug/kg	02/02/22	02/07/22
Acenaphthylene	ND		147	ug/kg	02/02/22	02/07/22
Aniline	ND		147	ug/kg	02/02/22	02/07/22
<b>Anthracene</b>	<b>228</b>		147	ug/kg	02/02/22	02/07/22
<b>Benzo(a)anthracene</b>	<b>761</b>		147	ug/kg	02/02/22	02/07/22
<b>Benzo(a)pyrene</b>	<b>731</b>		147	ug/kg	02/02/22	02/07/22
<b>Benzo(b)fluoranthene</b>	<b>1030</b>		147	ug/kg	02/02/22	02/07/22
<b>Benzo(g,h,i)perylene</b>	<b>594</b>		147	ug/kg	02/02/22	02/07/22
<b>Benzo(k)fluoranthene</b>	<b>368</b>		147	ug/kg	02/02/22	02/07/22
Benzoic acid	ND		1130	ug/kg	02/02/22	02/07/22
Biphenyl	ND		45	ug/kg	02/02/22	02/07/22
Bis(2-chloroethoxy)methane	ND		147	ug/kg	02/02/22	02/07/22
Bis(2-chloroethyl)ether	ND		147	ug/kg	02/02/22	02/07/22
Bis(2-chloroisopropyl)ether	ND		147	ug/kg	02/02/22	02/07/22
Bis(2-ethylhexyl)phthalate	ND		454	ug/kg	02/02/22	02/07/22
Butyl benzyl phthalate	ND		147	ug/kg	02/02/22	02/07/22
<b>Chrysene</b>	<b>770</b>		147	ug/kg	02/02/22	02/07/22
Di(n)octyl phthalate	ND		227	ug/kg	02/02/22	02/07/22
<b>Dibenz(a,h)anthracene</b>	<b>156</b>		147	ug/kg	02/02/22	02/07/22
Dibenzofuran	ND		147	ug/kg	02/02/22	02/07/22



## Results: Semivolatile organic compounds (Continued)

**Sample: TP-13 32" Fill A (Continued)**

**Lab Number: 2B01034-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		147	ug/kg	02/02/22	02/07/22
Dimethyl phthalate	ND		374	ug/kg	02/02/22	02/07/22
Di-n-butylphthalate	ND		227	ug/kg	02/02/22	02/07/22
<b>Fluoranthene</b>	<b>1340</b>		147	ug/kg	02/02/22	02/07/22
Fluorene	ND		147	ug/kg	02/02/22	02/07/22
Hexachlorobenzene	ND		147	ug/kg	02/02/22	02/07/22
Hexachlorobutadiene	ND		147	ug/kg	02/02/22	02/07/22
Hexachlorocyclopentadiene	ND		374	ug/kg	02/02/22	02/07/22
Hexachloroethane	ND		147	ug/kg	02/02/22	02/07/22
<b>Indeno(1,2,3-cd)pyrene</b>	<b>572</b>		147	ug/kg	02/02/22	02/07/22
Isophorone	ND		147	ug/kg	02/02/22	02/07/22
Naphthalene	ND		147	ug/kg	02/02/22	02/07/22
N-Nitrosodimethylamine	ND		147	ug/kg	02/02/22	02/07/22
N-Nitrosodi-n-propylamine	ND		147	ug/kg	02/02/22	02/07/22
N-Nitrosodiphenylamine	ND		147	ug/kg	02/02/22	02/07/22
Pentachlorophenol	ND		374	ug/kg	02/02/22	02/07/22
<b>Phenanthrene</b>	<b>918</b>		147	ug/kg	02/02/22	02/07/22
<b>Pyrene</b>	<b>1510</b>		147	ug/kg	02/02/22	02/07/22
m&p-Cresol	ND		295	ug/kg	02/02/22	02/07/22
Pyridine	ND		147	ug/kg	02/02/22	02/07/22
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	72.0%		30-126		02/02/22	02/07/22
<i>p-Terphenyl-d14</i>	111%		47-130		02/02/22	02/07/22
<i>2-Fluorobiphenyl</i>	81.9%		34-130		02/02/22	02/07/22
<i>Phenol-d6</i>	79.4%		30-130		02/02/22	02/07/22
<i>2,4,6-Tribromophenol</i>	105%		30-130		02/02/22	02/07/22
<i>2-Fluorophenol</i>	71.5%		30-130		02/02/22	02/07/22

## Results: Semivolatile organic compounds

**Sample: TP-12 Fill A 38"**

**Lab Number: 2B01034-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		146	ug/kg	02/02/22	02/07/22
1,2-Dichlorobenzene	ND		146	ug/kg	02/02/22	02/07/22
1,3-Dichlorobenzene	ND		146	ug/kg	02/02/22	02/07/22
1,4-Dichlorobenzene	ND		146	ug/kg	02/02/22	02/07/22
Phenol	ND		146	ug/kg	02/02/22	02/07/22
2,4,5-Trichlorophenol	ND		146	ug/kg	02/02/22	02/07/22
2,4,6-Trichlorophenol	ND		146	ug/kg	02/02/22	02/07/22
2,4-Dichlorophenol	ND		146	ug/kg	02/02/22	02/07/22
2,4-Dimethylphenol	ND		371	ug/kg	02/02/22	02/07/22
2,4-Dinitrophenol	ND		371	ug/kg	02/02/22	02/07/22
2,4-Dinitrotoluene	ND		146	ug/kg	02/02/22	02/07/22
2,6-Dinitrotoluene	ND		146	ug/kg	02/02/22	02/07/22
2-Chloronaphthalene	ND		146	ug/kg	02/02/22	02/07/22
2-Chlorophenol	ND		146	ug/kg	02/02/22	02/07/22
2-Methylnaphthalene	ND		146	ug/kg	02/02/22	02/07/22
Nitrobenzene	ND		146	ug/kg	02/02/22	02/07/22
2-Methylphenol	ND		146	ug/kg	02/02/22	02/07/22
2-Nitroaniline	ND		146	ug/kg	02/02/22	02/07/22
2-Nitrophenol	ND		371	ug/kg	02/02/22	02/07/22
3,3'-Dichlorobenzidine	ND		371	ug/kg	02/02/22	02/07/22
3-Nitroaniline	ND		146	ug/kg	02/02/22	02/07/22
4,6-Dinitro-2-methylphenol	ND		371	ug/kg	02/02/22	02/07/22
4-Bromophenyl phenyl ether	ND		146	ug/kg	02/02/22	02/07/22
4-Chloro-3-methylphenol	ND		146	ug/kg	02/02/22	02/07/22
4-Chloroaniline	ND		146	ug/kg	02/02/22	02/07/22
4-Chlorophenyl phenyl ether	ND		146	ug/kg	02/02/22	02/07/22
4-Nitroaniline	ND		146	ug/kg	02/02/22	02/07/22
4-Nitrophenol	ND		371	ug/kg	02/02/22	02/07/22
Acenaphthene	ND		146	ug/kg	02/02/22	02/07/22
Acenaphthylene	ND		146	ug/kg	02/02/22	02/07/22
Aniline	ND		146	ug/kg	02/02/22	02/07/22
Anthracene	ND		146	ug/kg	02/02/22	02/07/22
Benzo(a)anthracene	ND		146	ug/kg	02/02/22	02/07/22
Benzo(a)pyrene	ND		146	ug/kg	02/02/22	02/07/22
Benzo(b)fluoranthene	ND		146	ug/kg	02/02/22	02/07/22
Benzo(g,h,i)perylene	ND		146	ug/kg	02/02/22	02/07/22
Benzo(k)fluoranthene	ND		146	ug/kg	02/02/22	02/07/22
Benzoic acid	ND		1120	ug/kg	02/02/22	02/07/22
Biphenyl	ND		45	ug/kg	02/02/22	02/07/22
Bis(2-chloroethoxy)methane	ND		146	ug/kg	02/02/22	02/07/22
Bis(2-chloroethyl)ether	ND		146	ug/kg	02/02/22	02/07/22
Bis(2-chloroisopropyl)ether	ND		146	ug/kg	02/02/22	02/07/22
Bis(2-ethylhexyl)phthalate	ND		450	ug/kg	02/02/22	02/07/22
Butyl benzyl phthalate	ND		146	ug/kg	02/02/22	02/07/22
Chrysene	ND		146	ug/kg	02/02/22	02/07/22
Di(n)octyl phthalate	ND		225	ug/kg	02/02/22	02/07/22
Dibenz(a,h)anthracene	ND		146	ug/kg	02/02/22	02/07/22
Dibenzofuran	ND		146	ug/kg	02/02/22	02/07/22

## Results: Semivolatile organic compounds (Continued)

**Sample: TP-12 Fill A 38" (Continued)**

**Lab Number: 2B01034-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		146	ug/kg	02/02/22	02/07/22
Dimethyl phthalate	ND		371	ug/kg	02/02/22	02/07/22
Di-n-butylphthalate	ND		225	ug/kg	02/02/22	02/07/22
Fluoranthene	ND		146	ug/kg	02/02/22	02/07/22
Fluorene	ND		146	ug/kg	02/02/22	02/07/22
Hexachlorobenzene	ND		146	ug/kg	02/02/22	02/07/22
Hexachlorobutadiene	ND		146	ug/kg	02/02/22	02/07/22
Hexachlorocyclopentadiene	ND		371	ug/kg	02/02/22	02/07/22
Hexachloroethane	ND		146	ug/kg	02/02/22	02/07/22
Indeno(1,2,3-cd)pyrene	ND		146	ug/kg	02/02/22	02/07/22
Isophorone	ND		146	ug/kg	02/02/22	02/07/22
Naphthalene	ND		146	ug/kg	02/02/22	02/07/22
N-Nitrosodimethylamine	ND		146	ug/kg	02/02/22	02/07/22
N-Nitrosodi-n-propylamine	ND		146	ug/kg	02/02/22	02/07/22
N-Nitrosodiphenylamine	ND		146	ug/kg	02/02/22	02/07/22
Pentachlorophenol	ND		371	ug/kg	02/02/22	02/07/22
Phenanthrene	ND		146	ug/kg	02/02/22	02/07/22
Pyrene	ND		146	ug/kg	02/02/22	02/07/22
m&p-Cresol	ND		292	ug/kg	02/02/22	02/07/22
Pyridine	ND		146	ug/kg	02/02/22	02/07/22
<hr/>						
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	71.4%		30-126		02/02/22	02/07/22
<i>p-Terphenyl-d14</i>	113%		47-130		02/02/22	02/07/22
<i>2-Fluorobiphenyl</i>	80.1%		34-130		02/02/22	02/07/22
<i>Phenol-d6</i>	78.5%		30-130		02/02/22	02/07/22
<i>2,4,6-Tribromophenol</i>	105%		30-130		02/02/22	02/07/22
<i>2-Fluorophenol</i>	72.1%		30-130		02/02/22	02/07/22

## Results: Semivolatile organic compounds

**Sample: TP-12 Fill C 55"**

**Lab Number: 2B01034-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		152	ug/kg	02/02/22	02/07/22
1,2-Dichlorobenzene	ND		152	ug/kg	02/02/22	02/07/22
1,3-Dichlorobenzene	ND		152	ug/kg	02/02/22	02/07/22
1,4-Dichlorobenzene	ND		152	ug/kg	02/02/22	02/07/22
Phenol	ND		152	ug/kg	02/02/22	02/07/22
2,4,5-Trichlorophenol	ND		152	ug/kg	02/02/22	02/07/22
2,4,6-Trichlorophenol	ND		152	ug/kg	02/02/22	02/07/22
2,4-Dichlorophenol	ND		152	ug/kg	02/02/22	02/07/22
2,4-Dimethylphenol	ND		385	ug/kg	02/02/22	02/07/22
2,4-Dinitrophenol	ND		385	ug/kg	02/02/22	02/07/22
2,4-Dinitrotoluene	ND		152	ug/kg	02/02/22	02/07/22
2,6-Dinitrotoluene	ND		152	ug/kg	02/02/22	02/07/22
2-Chloronaphthalene	ND		152	ug/kg	02/02/22	02/07/22
2-Chlorophenol	ND		152	ug/kg	02/02/22	02/07/22
2-Methylnaphthalene	ND		152	ug/kg	02/02/22	02/07/22
Nitrobenzene	ND		152	ug/kg	02/02/22	02/07/22
2-Methylphenol	ND		152	ug/kg	02/02/22	02/07/22
2-Nitroaniline	ND		152	ug/kg	02/02/22	02/07/22
2-Nitrophenol	ND		385	ug/kg	02/02/22	02/07/22
3,3'-Dichlorobenzidine	ND		385	ug/kg	02/02/22	02/07/22
3-Nitroaniline	ND		152	ug/kg	02/02/22	02/07/22
4,6-Dinitro-2-methylphenol	ND		385	ug/kg	02/02/22	02/07/22
4-Bromophenyl phenyl ether	ND		152	ug/kg	02/02/22	02/07/22
4-Chloro-3-methylphenol	ND		152	ug/kg	02/02/22	02/07/22
4-Chloroaniline	ND		152	ug/kg	02/02/22	02/07/22
4-Chlorophenyl phenyl ether	ND		152	ug/kg	02/02/22	02/07/22
4-Nitroaniline	ND		152	ug/kg	02/02/22	02/07/22
4-Nitrophenol	ND		385	ug/kg	02/02/22	02/07/22
Acenaphthene	ND		152	ug/kg	02/02/22	02/07/22
<b>Acenaphthylene</b>	<b>253</b>		152	ug/kg	02/02/22	02/07/22
Aniline	ND		152	ug/kg	02/02/22	02/07/22
<b>Anthracene</b>	<b>375</b>		152	ug/kg	02/02/22	02/07/22
<b>Benzo(a)anthracene</b>	<b>2150</b>		152	ug/kg	02/02/22	02/07/22
<b>Benzo(a)pyrene</b>	<b>1720</b>		152	ug/kg	02/02/22	02/07/22
<b>Benzo(b)fluoranthene</b>	<b>2180</b>		152	ug/kg	02/02/22	02/07/22
<b>Benzo(g,h,i)perylene</b>	<b>1040</b>		152	ug/kg	02/02/22	02/07/22
<b>Benzo(k)fluoranthene</b>	<b>887</b>		152	ug/kg	02/02/22	02/07/22
Benzoic acid	ND		1170	ug/kg	02/02/22	02/07/22
Biphenyl	ND		47	ug/kg	02/02/22	02/07/22
Bis(2-chloroethoxy)methane	ND		152	ug/kg	02/02/22	02/07/22
Bis(2-chloroethyl)ether	ND		152	ug/kg	02/02/22	02/07/22
Bis(2-chloroisopropyl)ether	ND		152	ug/kg	02/02/22	02/07/22
Bis(2-ethylhexyl)phthalate	ND		467	ug/kg	02/02/22	02/07/22
Butyl benzyl phthalate	ND		152	ug/kg	02/02/22	02/07/22
<b>Chrysene</b>	<b>2260</b>		152	ug/kg	02/02/22	02/07/22
Di(n)octyl phthalate	ND		233	ug/kg	02/02/22	02/07/22
<b>Dibenz(a,h)anthracene</b>	<b>338</b>		152	ug/kg	02/02/22	02/07/22
Dibenzofuran	ND		152	ug/kg	02/02/22	02/07/22

## Results: Semivolatile organic compounds (Continued)

**Sample: TP-12 Fill C 55" (Continued)**

**Lab Number: 2B01034-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		152	ug/kg	02/02/22	02/07/22
Dimethyl phthalate	ND		385	ug/kg	02/02/22	02/07/22
Di-n-butylphthalate	ND		233	ug/kg	02/02/22	02/07/22
<b>Fluoranthene</b>	<b>3240</b>		152	ug/kg	02/02/22	02/07/22
Fluorene	ND		152	ug/kg	02/02/22	02/07/22
Hexachlorobenzene	ND		152	ug/kg	02/02/22	02/07/22
Hexachlorobutadiene	ND		152	ug/kg	02/02/22	02/07/22
Hexachlorocyclopentadiene	ND		385	ug/kg	02/02/22	02/07/22
Hexachloroethane	ND		152	ug/kg	02/02/22	02/07/22
<b>Indeno(1,2,3-cd)pyrene</b>	<b>1050</b>		152	ug/kg	02/02/22	02/07/22
Isophorone	ND		152	ug/kg	02/02/22	02/07/22
Naphthalene	ND		152	ug/kg	02/02/22	02/07/22
N-Nitrosodimethylamine	ND		152	ug/kg	02/02/22	02/07/22
N-Nitrosodi-n-propylamine	ND		152	ug/kg	02/02/22	02/07/22
N-Nitrosodiphenylamine	ND		152	ug/kg	02/02/22	02/07/22
Pentachlorophenol	ND		385	ug/kg	02/02/22	02/07/22
<b>Phenanthrene</b>	<b>1270</b>		152	ug/kg	02/02/22	02/07/22
<b>Pyrene</b>	<b>3810</b>		152	ug/kg	02/02/22	02/07/22
m&p-Cresol	ND		303	ug/kg	02/02/22	02/07/22
Pyridine	ND		152	ug/kg	02/02/22	02/07/22
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	66.7%		30-126		02/02/22	02/07/22
<i>p-Terphenyl-d14</i>	93.5%		47-130		02/02/22	02/07/22
<i>2-Fluorobiphenyl</i>	70.8%		34-130		02/02/22	02/07/22
<i>Phenol-d6</i>	67.9%		30-130		02/02/22	02/07/22
<i>2,4,6-Tribromophenol</i>	84.0%		30-130		02/02/22	02/07/22
<i>2-Fluorophenol</i>	64.1%		30-130		02/02/22	02/07/22

## Results: Semivolatile organic compounds

**Sample: TP-10 Fill A 18"**

**Lab Number: 2B01034-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		140	ug/kg	02/02/22	02/07/22
1,2-Dichlorobenzene	ND		140	ug/kg	02/02/22	02/07/22
1,3-Dichlorobenzene	ND		140	ug/kg	02/02/22	02/07/22
1,4-Dichlorobenzene	ND		140	ug/kg	02/02/22	02/07/22
Phenol	ND		140	ug/kg	02/02/22	02/07/22
2,4,5-Trichlorophenol	ND		140	ug/kg	02/02/22	02/07/22
2,4,6-Trichlorophenol	ND		140	ug/kg	02/02/22	02/07/22
2,4-Dichlorophenol	ND		140	ug/kg	02/02/22	02/07/22
2,4-Dimethylphenol	ND		356	ug/kg	02/02/22	02/07/22
2,4-Dinitrophenol	ND		356	ug/kg	02/02/22	02/07/22
2,4-Dinitrotoluene	ND		140	ug/kg	02/02/22	02/07/22
2,6-Dinitrotoluene	ND		140	ug/kg	02/02/22	02/07/22
2-Chloronaphthalene	ND		140	ug/kg	02/02/22	02/07/22
2-Chlorophenol	ND		140	ug/kg	02/02/22	02/07/22
2-Methylnaphthalene	ND		140	ug/kg	02/02/22	02/07/22
Nitrobenzene	ND		140	ug/kg	02/02/22	02/07/22
2-Methylphenol	ND		140	ug/kg	02/02/22	02/07/22
2-Nitroaniline	ND		140	ug/kg	02/02/22	02/07/22
2-Nitrophenol	ND		356	ug/kg	02/02/22	02/07/22
3,3'-Dichlorobenzidine	ND		356	ug/kg	02/02/22	02/07/22
3-Nitroaniline	ND		140	ug/kg	02/02/22	02/07/22
4,6-Dinitro-2-methylphenol	ND		356	ug/kg	02/02/22	02/07/22
4-Bromophenyl phenyl ether	ND		140	ug/kg	02/02/22	02/07/22
4-Chloro-3-methylphenol	ND		140	ug/kg	02/02/22	02/07/22
4-Chloroaniline	ND		140	ug/kg	02/02/22	02/07/22
4-Chlorophenyl phenyl ether	ND		140	ug/kg	02/02/22	02/07/22
4-Nitroaniline	ND		140	ug/kg	02/02/22	02/07/22
4-Nitrophenol	ND		356	ug/kg	02/02/22	02/07/22
Acenaphthene	ND		140	ug/kg	02/02/22	02/07/22
Acenaphthylene	ND		140	ug/kg	02/02/22	02/07/22
Aniline	ND		140	ug/kg	02/02/22	02/07/22
Anthracene	ND		140	ug/kg	02/02/22	02/07/22
Benzo(a)anthracene	ND		140	ug/kg	02/02/22	02/07/22
Benzo(a)pyrene	ND		140	ug/kg	02/02/22	02/07/22
Benzo(b)fluoranthene	ND		140	ug/kg	02/02/22	02/07/22
Benzo(g,h,i)perylene	ND		140	ug/kg	02/02/22	02/07/22
Benzo(k)fluoranthene	ND		140	ug/kg	02/02/22	02/07/22
Benzoic acid	ND		1080	ug/kg	02/02/22	02/07/22
Biphenyl	ND		43	ug/kg	02/02/22	02/07/22
Bis(2-chloroethoxy)methane	ND		140	ug/kg	02/02/22	02/07/22
Bis(2-chloroethyl)ether	ND		140	ug/kg	02/02/22	02/07/22
Bis(2-chloroisopropyl)ether	ND		140	ug/kg	02/02/22	02/07/22
Bis(2-ethylhexyl)phthalate	ND		432	ug/kg	02/02/22	02/07/22
Butyl benzyl phthalate	ND		140	ug/kg	02/02/22	02/07/22
Chrysene	ND		140	ug/kg	02/02/22	02/07/22
Di(n)octyl phthalate	ND		216	ug/kg	02/02/22	02/07/22
Dibenz(a,h)anthracene	ND		140	ug/kg	02/02/22	02/07/22
Dibenzofuran	ND		140	ug/kg	02/02/22	02/07/22

## Results: Semivolatile organic compounds (Continued)

**Sample: TP-10 Fill A 18" (Continued)**

**Lab Number: 2B01034-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		140	ug/kg	02/02/22	02/07/22
Dimethyl phthalate	ND		356	ug/kg	02/02/22	02/07/22
Di-n-butylphthalate	ND		216	ug/kg	02/02/22	02/07/22
Fluoranthene	ND		140	ug/kg	02/02/22	02/07/22
Fluorene	ND		140	ug/kg	02/02/22	02/07/22
Hexachlorobenzene	ND		140	ug/kg	02/02/22	02/07/22
Hexachlorobutadiene	ND		140	ug/kg	02/02/22	02/07/22
Hexachlorocyclopentadiene	ND		356	ug/kg	02/02/22	02/07/22
Hexachloroethane	ND		140	ug/kg	02/02/22	02/07/22
Indeno(1,2,3-cd)pyrene	ND		140	ug/kg	02/02/22	02/07/22
Isophorone	ND		140	ug/kg	02/02/22	02/07/22
Naphthalene	ND		140	ug/kg	02/02/22	02/07/22
N-Nitrosodimethylamine	ND		140	ug/kg	02/02/22	02/07/22
N-Nitrosodi-n-propylamine	ND		140	ug/kg	02/02/22	02/07/22
N-Nitrosodiphenylamine	ND		140	ug/kg	02/02/22	02/07/22
Pentachlorophenol	ND		356	ug/kg	02/02/22	02/07/22
Phenanthrene	ND		140	ug/kg	02/02/22	02/07/22
Pyrene	ND		140	ug/kg	02/02/22	02/07/22
m&p-Cresol	ND		281	ug/kg	02/02/22	02/07/22
Pyridine	ND		140	ug/kg	02/02/22	02/07/22
<hr/>						
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	63.7%		30-126		02/02/22	02/07/22
<i>p-Terphenyl-d14</i>	109%		47-130		02/02/22	02/07/22
<i>2-Fluorobiphenyl</i>	71.7%		34-130		02/02/22	02/07/22
<i>Phenol-d6</i>	70.6%		30-130		02/02/22	02/07/22
<i>2,4,6-Tribromophenol</i>	95.8%		30-130		02/02/22	02/07/22
<i>2-Fluorophenol</i>	64.0%		30-130		02/02/22	02/07/22

## Results: Semivolatile organic compounds

**Sample: TP-10 C Layer 37"**

**Lab Number: 2B01034-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		146	ug/kg	02/02/22	02/07/22
1,2-Dichlorobenzene	ND		146	ug/kg	02/02/22	02/07/22
1,3-Dichlorobenzene	ND		146	ug/kg	02/02/22	02/07/22
1,4-Dichlorobenzene	ND		146	ug/kg	02/02/22	02/07/22
Phenol	ND		146	ug/kg	02/02/22	02/07/22
2,4,5-Trichlorophenol	ND		146	ug/kg	02/02/22	02/07/22
2,4,6-Trichlorophenol	ND		146	ug/kg	02/02/22	02/07/22
2,4-Dichlorophenol	ND		146	ug/kg	02/02/22	02/07/22
2,4-Dimethylphenol	ND		369	ug/kg	02/02/22	02/07/22
2,4-Dinitrophenol	ND		369	ug/kg	02/02/22	02/07/22
2,4-Dinitrotoluene	ND		146	ug/kg	02/02/22	02/07/22
2,6-Dinitrotoluene	ND		146	ug/kg	02/02/22	02/07/22
2-Chloronaphthalene	ND		146	ug/kg	02/02/22	02/07/22
2-Chlorophenol	ND		146	ug/kg	02/02/22	02/07/22
2-Methylnaphthalene	ND		146	ug/kg	02/02/22	02/07/22
Nitrobenzene	ND		146	ug/kg	02/02/22	02/07/22
2-Methylphenol	ND		146	ug/kg	02/02/22	02/07/22
2-Nitroaniline	ND		146	ug/kg	02/02/22	02/07/22
2-Nitrophenol	ND		369	ug/kg	02/02/22	02/07/22
3,3'-Dichlorobenzidine	ND		369	ug/kg	02/02/22	02/07/22
3-Nitroaniline	ND		146	ug/kg	02/02/22	02/07/22
4,6-Dinitro-2-methylphenol	ND		369	ug/kg	02/02/22	02/07/22
4-Bromophenyl phenyl ether	ND		146	ug/kg	02/02/22	02/07/22
4-Chloro-3-methylphenol	ND		146	ug/kg	02/02/22	02/07/22
4-Chloroaniline	ND		146	ug/kg	02/02/22	02/07/22
4-Chlorophenyl phenyl ether	ND		146	ug/kg	02/02/22	02/07/22
4-Nitroaniline	ND		146	ug/kg	02/02/22	02/07/22
4-Nitrophenol	ND		369	ug/kg	02/02/22	02/07/22
Acenaphthene	ND		146	ug/kg	02/02/22	02/07/22
Acenaphthylene	ND		146	ug/kg	02/02/22	02/07/22
Aniline	ND		146	ug/kg	02/02/22	02/07/22
Anthracene	ND		146	ug/kg	02/02/22	02/07/22
Benzo(a)anthracene	ND		146	ug/kg	02/02/22	02/07/22
Benzo(a)pyrene	ND		146	ug/kg	02/02/22	02/07/22
Benzo(b)fluoranthene	ND		146	ug/kg	02/02/22	02/07/22
Benzo(g,h,i)perylene	ND		146	ug/kg	02/02/22	02/07/22
Benzo(k)fluoranthene	ND		146	ug/kg	02/02/22	02/07/22
Benzoic acid	ND		1120	ug/kg	02/02/22	02/07/22
Biphenyl	ND		45	ug/kg	02/02/22	02/07/22
Bis(2-chloroethoxy)methane	ND		146	ug/kg	02/02/22	02/07/22
Bis(2-chloroethyl)ether	ND		146	ug/kg	02/02/22	02/07/22
Bis(2-chloroisopropyl)ether	ND		146	ug/kg	02/02/22	02/07/22
Bis(2-ethylhexyl)phthalate	ND		448	ug/kg	02/02/22	02/07/22
Butyl benzyl phthalate	ND		146	ug/kg	02/02/22	02/07/22
Chrysene	ND		146	ug/kg	02/02/22	02/07/22
Di(n)octyl phthalate	ND		224	ug/kg	02/02/22	02/07/22
Dibenzo(a,h)anthracene	ND		146	ug/kg	02/02/22	02/07/22
Dibenzofuran	ND		146	ug/kg	02/02/22	02/07/22



## Results: Semivolatile organic compounds (Continued)

**Sample: TP-10 C Layer 37" (Continued)**

**Lab Number: 2B01034-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		146	ug/kg	02/02/22	02/07/22
Dimethyl phthalate	ND		369	ug/kg	02/02/22	02/07/22
Di-n-butylphthalate	ND		224	ug/kg	02/02/22	02/07/22
Fluoranthene	ND		146	ug/kg	02/02/22	02/07/22
Fluorene	ND		146	ug/kg	02/02/22	02/07/22
Hexachlorobenzene	ND		146	ug/kg	02/02/22	02/07/22
Hexachlorobutadiene	ND		146	ug/kg	02/02/22	02/07/22
Hexachlorocyclopentadiene	ND		369	ug/kg	02/02/22	02/07/22
Hexachloroethane	ND		146	ug/kg	02/02/22	02/07/22
Indeno(1,2,3-cd)pyrene	ND		146	ug/kg	02/02/22	02/07/22
Isophorone	ND		146	ug/kg	02/02/22	02/07/22
Naphthalene	ND		146	ug/kg	02/02/22	02/07/22
N-Nitrosodimethylamine	ND		146	ug/kg	02/02/22	02/07/22
N-Nitrosodi-n-propylamine	ND		146	ug/kg	02/02/22	02/07/22
N-Nitrosodiphenylamine	ND		146	ug/kg	02/02/22	02/07/22
Pentachlorophenol	ND		369	ug/kg	02/02/22	02/07/22
Phenanthrene	ND		146	ug/kg	02/02/22	02/07/22
Pyrene	ND		146	ug/kg	02/02/22	02/07/22
m&p-Cresol	ND		291	ug/kg	02/02/22	02/07/22
Pyridine	ND		146	ug/kg	02/02/22	02/07/22
<hr style="border-top: 1px dashed black;"/>						
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	64.7%		30-126		02/02/22	02/07/22
<i>p-Terphenyl-d14</i>	109%		47-130		02/02/22	02/07/22
<i>2-Fluorobiphenyl</i>	71.3%		34-130		02/02/22	02/07/22
<i>Phenol-d6</i>	69.3%		30-130		02/02/22	02/07/22
<i>2,4,6-Tribromophenol</i>	98.4%		30-130		02/02/22	02/07/22
<i>2-Fluorophenol</i>	66.7%		30-130		02/02/22	02/07/22

## Results: Polychlorinated Biphenyls (PCBs)

**Sample: B22-3**

**Lab Number: 2B01034-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		71	ug/kg	02/02/22	02/03/22
Aroclor-1221	ND		71	ug/kg	02/02/22	02/03/22
Aroclor-1232	ND		71	ug/kg	02/02/22	02/03/22
Aroclor-1242	ND		71	ug/kg	02/02/22	02/03/22
Aroclor-1248	ND		71	ug/kg	02/02/22	02/03/22
Aroclor-1254	ND		71	ug/kg	02/02/22	02/03/22
Aroclor-1260	ND		71	ug/kg	02/02/22	02/03/22
Aroclor-1262	ND		71	ug/kg	02/02/22	02/03/22
Aroclor-1268	ND		71	ug/kg	02/02/22	02/03/22
PCBs (Total)	ND		71	ug/kg	02/02/22	02/03/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	70.6%		36.2-130		02/02/22	02/03/22
<i>Decachlorobiphenyl (DCBP)</i>	89.2%		43.3-130		02/02/22	02/03/22

## Results: Polychlorinated Biphenyls (PCBs)

**Sample: TP-13 28" Local Sand**

**Lab Number: 2B01034-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		76	ug/kg	02/02/22	02/03/22
Aroclor-1221	ND		76	ug/kg	02/02/22	02/03/22
Aroclor-1232	ND		76	ug/kg	02/02/22	02/03/22
Aroclor-1242	ND		76	ug/kg	02/02/22	02/03/22
Aroclor-1248	ND		76	ug/kg	02/02/22	02/03/22
Aroclor-1254	ND		76	ug/kg	02/02/22	02/03/22
Aroclor-1260	ND		76	ug/kg	02/02/22	02/03/22
Aroclor-1262	ND		76	ug/kg	02/02/22	02/03/22
Aroclor-1268	ND		76	ug/kg	02/02/22	02/03/22
PCBs (Total)	ND		76	ug/kg	02/02/22	02/03/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	73.9%		36.2-130		02/02/22	02/03/22
<i>Decachlorobiphenyl (DCBP)</i>	72.7%		43.3-130		02/02/22	02/03/22

**Results: Polychlorinated Biphenyls (PCBs)****Sample: TP-13 32" Fill A****Lab Number: 2B01034-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		73	ug/kg	02/02/22	02/03/22
Aroclor-1221	ND		73	ug/kg	02/02/22	02/03/22
Aroclor-1232	ND		73	ug/kg	02/02/22	02/03/22
Aroclor-1242	ND		73	ug/kg	02/02/22	02/03/22
Aroclor-1248	ND		73	ug/kg	02/02/22	02/03/22
Aroclor-1254	ND		73	ug/kg	02/02/22	02/03/22
Aroclor-1260	ND		73	ug/kg	02/02/22	02/03/22
Aroclor-1262	ND		73	ug/kg	02/02/22	02/03/22
Aroclor-1268	ND		73	ug/kg	02/02/22	02/03/22
PCBs (Total)	ND		73	ug/kg	02/02/22	02/03/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	78.5%		36.2-130		02/02/22	02/03/22
<i>Decachlorobiphenyl (DCBP)</i>	81.2%		43.3-130		02/02/22	02/03/22

## Results: Polychlorinated Biphenyls (PCBs)

**Sample: TP-12 Fill A 38"**

**Lab Number: 2B01034-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		75	ug/kg	02/02/22	02/03/22
Aroclor-1221	ND		75	ug/kg	02/02/22	02/03/22
Aroclor-1232	ND		75	ug/kg	02/02/22	02/03/22
Aroclor-1242	ND		75	ug/kg	02/02/22	02/03/22
Aroclor-1248	ND		75	ug/kg	02/02/22	02/03/22
Aroclor-1254	ND		75	ug/kg	02/02/22	02/03/22
Aroclor-1260	ND		75	ug/kg	02/02/22	02/03/22
Aroclor-1262	ND		75	ug/kg	02/02/22	02/03/22
Aroclor-1268	ND		75	ug/kg	02/02/22	02/03/22
PCBs (Total)	ND		75	ug/kg	02/02/22	02/03/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	92.1%		36.2-130		02/02/22	02/03/22
<i>Decachlorobiphenyl (DCBP)</i>	94.6%		43.3-130		02/02/22	02/03/22

## Results: Polychlorinated Biphenyls (PCBs)

**Sample: TP-12 Fill C 55"**

**Lab Number: 2B01034-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		76	ug/kg	02/02/22	02/03/22
Aroclor-1221	ND		76	ug/kg	02/02/22	02/03/22
Aroclor-1232	ND		76	ug/kg	02/02/22	02/03/22
Aroclor-1242	ND		76	ug/kg	02/02/22	02/03/22
Aroclor-1248	ND		76	ug/kg	02/02/22	02/03/22
Aroclor-1254	ND		76	ug/kg	02/02/22	02/03/22
Aroclor-1260	ND		76	ug/kg	02/02/22	02/03/22
Aroclor-1262	ND		76	ug/kg	02/02/22	02/03/22
Aroclor-1268	ND		76	ug/kg	02/02/22	02/03/22
PCBs (Total)	ND		76	ug/kg	02/02/22	02/03/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	77.6%		36.2-130		02/02/22	02/03/22
<i>Decachlorobiphenyl (DCBP)</i>	82.9%		43.3-130		02/02/22	02/03/22

## Results: Polychlorinated Biphenyls (PCBs)

**Sample: TP-10 Fill A 18"**

**Lab Number: 2B01034-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		71	ug/kg	02/02/22	02/03/22
Aroclor-1221	ND		71	ug/kg	02/02/22	02/03/22
Aroclor-1232	ND		71	ug/kg	02/02/22	02/03/22
Aroclor-1242	ND		71	ug/kg	02/02/22	02/03/22
Aroclor-1248	ND		71	ug/kg	02/02/22	02/03/22
Aroclor-1254	ND		71	ug/kg	02/02/22	02/03/22
Aroclor-1260	ND		71	ug/kg	02/02/22	02/03/22
Aroclor-1262	ND		71	ug/kg	02/02/22	02/03/22
Aroclor-1268	ND		71	ug/kg	02/02/22	02/03/22
PCBs (Total)	ND		71	ug/kg	02/02/22	02/03/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	72.9%		36.2-130		02/02/22	02/03/22
<i>Decachlorobiphenyl (DCBP)</i>	79.6%		43.3-130		02/02/22	02/03/22

## Results: Polychlorinated Biphenyls (PCBs)

**Sample: TP-10 C Layer 37"**

**Lab Number: 2B01034-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		72	ug/kg	02/02/22	02/03/22
Aroclor-1221	ND		72	ug/kg	02/02/22	02/03/22
Aroclor-1232	ND		72	ug/kg	02/02/22	02/03/22
Aroclor-1242	ND		72	ug/kg	02/02/22	02/03/22
Aroclor-1248	ND		72	ug/kg	02/02/22	02/03/22
Aroclor-1254	ND		72	ug/kg	02/02/22	02/03/22
Aroclor-1260	ND		72	ug/kg	02/02/22	02/03/22
Aroclor-1262	ND		72	ug/kg	02/02/22	02/03/22
Aroclor-1268	ND		72	ug/kg	02/02/22	02/03/22
PCBs (Total)	ND		72	ug/kg	02/02/22	02/03/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	78.3%		36.2-130		02/02/22	02/03/22
<i>Decachlorobiphenyl (DCBP)</i>	96.9%		43.3-130		02/02/22	02/03/22



**Results: Total Petroleum Hydrocarbons****Sample: B22-3****Lab Number: 2B01034-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
<b>Total Petroleum Hydrocarbons</b>	<b>33</b>		29	mg/kg	02/03/22	02/04/22
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>81.4%</i>		<i>56.5-114</i>		02/03/22	02/04/22

**Results: Total Petroleum Hydrocarbons****Sample: TP-13 28" Local Sand****Lab Number: 2B01034-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
<b>Total Petroleum Hydrocarbons</b>	<b>106</b>		30	mg/kg	02/03/22	02/04/22
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>64.1%</i>		<i>56.5-114</i>		02/03/22	02/04/22

**Results: Total Petroleum Hydrocarbons****Sample: TP-13 32" Fill A****Lab Number: 2B01034-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
<b>Total Petroleum Hydrocarbons</b>	<b>136</b>		30	mg/kg	02/03/22	02/04/22
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>80.0%</i>		<i>56.5-114</i>		02/03/22	02/04/22

**Results: Total Petroleum Hydrocarbons****Sample: TP-12 Fill A 38"****Lab Number: 2B01034-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		31	mg/kg	02/03/22	02/04/22
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>70.2%</i>		<i>56.5-114</i>		02/03/22	02/04/22

**Results: Total Petroleum Hydrocarbons****Sample: TP-12 Fill C 55"****Lab Number: 2B01034-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
<b>Total Petroleum Hydrocarbons</b>	<b>75</b>		32	mg/kg	02/03/22	02/04/22
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>69.7%</i>		<i>56.5-114</i>		02/03/22	02/04/22

**Results: Total Petroleum Hydrocarbons****Sample: TP-10 Fill A 18"****Lab Number: 2B01034-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		29	mg/kg	02/03/22	02/04/22
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>75.5%</i>		<i>56.5-114</i>		02/03/22	02/04/22

**Results: Total Petroleum Hydrocarbons****Sample: TP-10 C Layer 37"****Lab Number: 2B01034-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		29	mg/kg	02/03/22	02/04/22
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>70.9%</i>		<i>56.5-114</i>		02/03/22	02/04/22

### Results: TCLP Metals

**Sample: TP-13 28" Local Sand**  
**Lab Number: 2B01034-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Lead	0.034		0.025	mg/L	02/08/22	02/08/22



### Results: TCLP Metals

**Sample: TP-13 32" Fill A**  
**Lab Number: 2B01034-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Lead	0.578		0.025	mg/L	02/08/22	02/08/22

### Results: TCLP Metals

**Sample: TP-12 Fill C 55"**

**Lab Number: 2B01034-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Lead	0.225		0.025	mg/L	02/08/22	02/08/22

## Quality Control

### General Chemistry

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0109 - Conductivity</b>										
<b>Blank (B2B0109-BLK1)</b>										
Specific Conductance	ND		2.0	uS/cm						Prepared & Analyzed: 02/02/22
<b>Duplicate (B2B0109-DUP1)</b>										
Specific Conductance	3.2		2.0	uS/cm		Source: 2B01034-01	2.6		22.5	200
<b>Batch: B2B0246 - Flashpoint-EPA 1010A-Mod</b>										
<b>LCS (B2B0246-BS1)</b>										
Flashpoint	81		70	degrees F	80.0		101	90-110		Prepared & Analyzed: 02/04/22
<b>Duplicate (B2B0246-DUP1)</b>										
Flashpoint	ND		70	degrees F		Source: 2A31005-01	ND			20
<b>Batch: B2B0255 - pH</b>										
<b>LCS (B2B0255-BS1)</b>										
pH	7.1			SU	7.00		101	0-200		Prepared & Analyzed: 02/03/22
<b>LCS (B2B0255-BS2)</b>										
pH	7.0			SU	7.00		101	0-200		Prepared & Analyzed: 02/03/22
<b>Duplicate (B2B0255-DUP1)</b>										
pH	5.2			SU		Source: 2B01052-05	5.2		0.576	200

**Quality Control**  
(Continued)

**Total Metals**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0104 - Metals Digestion Soils</b>										
<b>Blank (B2B0104-BLK1)</b>										
					Prepared: 02/02/22 Analyzed: 02/04/22					
Silver	ND		1.00	mg/kg						
Arsenic	ND		1.00	mg/kg						
Barium	ND		0.33	mg/kg						
Cadmium	ND		0.50	mg/kg						
Chromium	ND		0.50	mg/kg						
Lead	ND		0.50	mg/kg						
Selenium	ND		1.00	mg/kg						
<b>LCS (B2B0104-BS1)</b>										
					Prepared: 02/02/22 Analyzed: 02/04/22					
Selenium	20.2		1.00	mg/kg	20.0		101	85-115		
Silver	39.9		1.00	mg/kg	40.0		99.8	85-115		
Arsenic	20.6		1.00	mg/kg	20.0		103	85-115		
Barium	97.0		0.33	mg/kg	100		97.0	85-115		
Cadmium	100		0.50	mg/kg	100		100	85-115		
Chromium	99.1		0.50	mg/kg	100		99.1	85-115		
Lead	95.3		0.50	mg/kg	100		95.3	85-115		
<b>Batch: B2B0111 - Metals Cold-Vapor Mercury</b>										
<b>Blank (B2B0111-BLK1)</b>										
					Prepared & Analyzed: 02/02/22					
Mercury	ND		0.035	mg/kg						
<b>LCS (B2B0111-BS1)</b>										
					Prepared & Analyzed: 02/02/22					
Mercury	0.071		0.035	mg/kg	0.0714		99.4	93-114		

**Quality Control**  
(Continued)

**Volatile Organic Compounds**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0269 - EPA 5035</b>										
<b>Blank (B2B0269-BLK1)</b>					Prepared & Analyzed: 02/04/22					
Acetone	ND		5	ug/kg						
Benzene	ND		5	ug/kg						
Bromobenzene	ND		5	ug/kg						
Bromochloromethane	ND		5	ug/kg						
Bromodichloromethane	ND		5	ug/kg						
Bromoform	ND		5	ug/kg						
Bromomethane	ND		5	ug/kg						
2-Butanone	ND		5	ug/kg						
tert-Butyl alcohol	ND		5	ug/kg						
sec-Butylbenzene	ND		5	ug/kg						
n-Butylbenzene	ND		5	ug/kg						
tert-Butylbenzene	ND		5	ug/kg						
Methyl t-butyl ether (MTBE)	ND		5	ug/kg						
Carbon Disulfide	ND		5	ug/kg						
Carbon Tetrachloride	ND		5	ug/kg						
Chlorobenzene	ND		5	ug/kg						
Chloroethane	ND		5	ug/kg						
Chloroform	ND		5	ug/kg						
Chloromethane	ND		5	ug/kg						
4-Chlorotoluene	ND		5	ug/kg						
2-Chlorotoluene	ND		5	ug/kg						
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg						
Dibromochloromethane	ND		5	ug/kg						
1,2-Dibromoethane (EDB)	ND		5	ug/kg						
Dibromomethane	ND		5	ug/kg						
1,2-Dichlorobenzene	ND		5	ug/kg						
1,3-Dichlorobenzene	ND		5	ug/kg						
1,4-Dichlorobenzene	ND		5	ug/kg						
1,1-Dichloroethane	ND		5	ug/kg						
1,2-Dichloroethane	ND		5	ug/kg						
trans-1,2-Dichloroethene	ND		5	ug/kg						
cis-1,2-Dichloroethene	ND		5	ug/kg						
1,1-Dichloroethene	ND		5	ug/kg						
1,2-Dichloropropane	ND		5	ug/kg						
2,2-Dichloropropane	ND		5	ug/kg						
cis-1,3-Dichloropropene	ND		5	ug/kg						
trans-1,3-Dichloropropene	ND		5	ug/kg						
1,1-Dichloropropene	ND		5	ug/kg						
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg						
Diethyl ether	ND		5	ug/kg						
1,4-Dioxane	ND		100	ug/kg						
Ethylbenzene	ND		5	ug/kg						
Hexachlorobutadiene	ND		5	ug/kg						
2-Hexanone	ND		5	ug/kg						
Isopropylbenzene	ND		5	ug/kg						
p-Isopropyltoluene	ND		5	ug/kg						
Methylene Chloride	ND		5	ug/kg						
4-Methyl-2-pentanone	ND		5	ug/kg						
Naphthalene	ND		5	ug/kg						
n-Propylbenzene	ND		5	ug/kg						
Styrene	ND		5	ug/kg						
1,1,1,2-Tetrachloroethane	ND		5	ug/kg						
Tetrachloroethene	ND		5	ug/kg						
Tetrahydrofuran	ND		5	ug/kg						
Toluene	ND		5	ug/kg						
1,2,4-Trichlorobenzene	ND		5	ug/kg						
1,2,3-Trichlorobenzene	ND		5	ug/kg						

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0269 - EPA 5035 (Continued)</b>										
<b>Blank (B2B0269-BLK1)</b>					Prepared & Analyzed: 02/04/22					
1,1,2-Trichloroethane	ND		5	ug/kg						
1,1,1-Trichloroethane	ND		5	ug/kg						
Trichloroethene	ND		5	ug/kg						
1,2,3-Trichloropropane	ND		5	ug/kg						
1,3,5-Trimethylbenzene	ND		5	ug/kg						
1,2,4-Trimethylbenzene	ND		5	ug/kg						
Vinyl Chloride	ND		5	ug/kg						
o-Xylene	ND		5	ug/kg						
m&p-Xylene	ND		10	ug/kg						
Total xylenes	ND		5	ug/kg						
1,1,2,2-Tetrachloroethane	ND		5	ug/kg						
tert-Amyl methyl ether	ND		5	ug/kg						
1,3-Dichloropropane	ND		5	ug/kg						
Ethyl tert-butyl ether	ND		5	ug/kg						
Diisopropyl ether	ND		5	ug/kg						
Trichlorofluoromethane	ND		5	ug/kg						
Dichlorodifluoromethane	ND		5	ug/kg						
<hr/>										
<i>Surrogate: 4-Bromofluorobenzene</i>			<i>48.9</i>	<i>ug/kg</i>	<i>50.0</i>		<i>97.9</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>50.3</i>	<i>ug/kg</i>	<i>50.0</i>		<i>101</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>49.0</i>	<i>ug/kg</i>	<i>50.0</i>		<i>98.0</i>	<i>70-130</i>		
<hr/>										
<b>LCS (B2B0269-BS1)</b>					Prepared & Analyzed: 02/04/22					
Acetone	56			ug/kg	50.0		112	60-140		
Benzene	52			ug/kg	50.0		103	70-130		
Bromobenzene	53			ug/kg	50.0		105	70-130		
Bromochloromethane	50			ug/kg	50.0		99.1	70-130		
Bromodichloromethane	52			ug/kg	50.0		103	70-130		
Bromoform	52			ug/kg	50.0		105	70-130		
Bromomethane	42			ug/kg	50.0		83.6	60-140		
2-Butanone	57			ug/kg	50.0		113	60-140		
tert-Butyl alcohol	51			ug/kg	50.0		102	70-130		
sec-Butylbenzene	54			ug/kg	50.0		107	70-130		
n-Butylbenzene	56			ug/kg	50.0		111	70-130		
tert-Butylbenzene	54			ug/kg	50.0		107	70-130		
Methyl t-butyl ether (MTBE)	43			ug/kg	50.0		86.8	70-130		
Carbon Disulfide	48			ug/kg	50.0		95.9	50-150		
Carbon Tetrachloride	52			ug/kg	50.0		103	70-130		
Chlorobenzene	52			ug/kg	50.0		104	70-130		
Chloroethane	41			ug/kg	50.0		82.3	60-140		
Chloroform	51			ug/kg	50.0		102	70-130		
Chloromethane	49			ug/kg	50.0		97.5	60-140		
4-Chlorotoluene	53			ug/kg	50.0		107	70-130		
2-Chlorotoluene	53			ug/kg	50.0		107	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	52			ug/kg	50.0		104	70-130		
Dibromochloromethane	51			ug/kg	50.0		102	70-130		
1,2-Dibromoethane (EDB)	52			ug/kg	50.0		104	70-130		
Dibromomethane	49			ug/kg	50.0		98.8	60-140		
1,2-Dichlorobenzene	53			ug/kg	50.0		107	70-130		
1,3-Dichlorobenzene	54			ug/kg	50.0		109	70-130		
1,4-Dichlorobenzene	53			ug/kg	50.0		106	70-130		
1,1-Dichloroethane	52			ug/kg	50.0		105	70-130		
1,2-Dichloroethane	51			ug/kg	50.0		101	70-130		
trans-1,2-Dichloroethene	55			ug/kg	50.0		109	70-130		
cis-1,2-Dichloroethene	56			ug/kg	50.0		112	70-130		
1,1-Dichloroethene	55			ug/kg	50.0		109	70-130		
1,2-Dichloropropane	51			ug/kg	50.0		103	70-130		
2,2-Dichloropropane	54			ug/kg	50.0		108	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0269 - EPA 5035 (Continued)</b>										
<b>LCS (B2B0269-BS1)</b>					Prepared & Analyzed: 02/04/22					
cis-1,3-Dichloropropene	52			ug/kg	50.0		103	70-130		
trans-1,3-Dichloropropene	53			ug/kg	50.0		106	70-130		
1,1-Dichloropropene	55			ug/kg	50.0		110	70-130		
Diethyl ether	44			ug/kg	50.0		88.4	60-140		
1,4-Dioxane	221			ug/kg	250		88.5	0-200		
Ethylbenzene	52			ug/kg	50.0		104	70-130		
Hexachlorobutadiene	55			ug/kg	50.0		109	70-130		
2-Hexanone	49			ug/kg	50.0		98.4	70-130		
Isopropylbenzene	53			ug/kg	50.0		106	70-130		
p-Isopropyltoluene	55			ug/kg	50.0		110	70-130		
Methylene Chloride	24			ug/kg	50.0		47.2	60-140		
4-Methyl-2-pentanone	46			ug/kg	50.0		92.6	70-130		
Naphthalene	52			ug/kg	50.0		105	70-130		
n-Propylbenzene	54			ug/kg	50.0		108	70-130		
Styrene	54			ug/kg	50.0		107	70-130		
1,1,1,2-Tetrachloroethane	53			ug/kg	50.0		105	70-130		
Tetrachloroethene	54			ug/kg	50.0		108	70-130		
Tetrahydrofuran	48			ug/kg	50.0		95.8	50-150		
Toluene	51			ug/kg	50.0		103	70-130		
1,2,4-Trichlorobenzene	56			ug/kg	50.0		112	70-130		
1,2,3-Trichlorobenzene	54			ug/kg	50.0		108	70-130		
1,1,2-Trichloroethane	51			ug/kg	50.0		101	70-130		
1,1,1-Trichloroethane	52			ug/kg	50.0		103	70-130		
Trichloroethene	52			ug/kg	50.0		103	70-130		
1,2,3-Trichloropropane	51			ug/kg	50.0		103	70-130		
1,3,5-Trimethylbenzene	54			ug/kg	50.0		108	70-130		
1,2,4-Trimethylbenzene	54			ug/kg	50.0		108	70-130		
Vinyl Chloride	49			ug/kg	50.0		98.9	60-140		
o-Xylene	53			ug/kg	50.0		107	70-130		
m&p-Xylene	107			ug/kg	100		107	70-130		
1,1,1,2-Tetrachloroethane	50			ug/kg	50.0		99.7	70-130		
tert-Amyl methyl ether	46			ug/kg	50.0		92.4	70-130		
1,3-Dichloropropane	51			ug/kg	50.0		102	70-130		
Ethyl tert-butyl ether	47			ug/kg	50.0		94.0	70-130		
Trichlorofluoromethane	47			ug/kg	50.0		94.3	70-130		
Dichlorodifluoromethane	47			ug/kg	50.0		93.1	60-140		
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Surrogate: 4-Bromofluorobenzene			50.0	ug/kg	50.0		100	70-130		
Surrogate: 1,2-Dichloroethane-d4			53.0	ug/kg	50.0		106	70-130		
Surrogate: Toluene-d8			49.2	ug/kg	50.0		98.3	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0269 - EPA 5035 (Continued)</b>					Prepared & Analyzed: 02/04/22					
<b>LCS Dup (B2B0269-BSD1)</b>										
Acetone	56			ug/kg	50.0		112	60-140	0.768	30
Benzene	57			ug/kg	50.0		113	70-130	9.50	20
Bromobenzene	57			ug/kg	50.0		114	70-130	8.17	20
Bromochloromethane	56			ug/kg	50.0		112	70-130	12.0	20
Bromodichloromethane	56			ug/kg	50.0		111	70-130	7.49	20
Bromoform	56			ug/kg	50.0		112	70-130	6.81	20
Bromomethane	49			ug/kg	50.0		97.8	60-140	15.7	30
2-Butanone	54			ug/kg	50.0		108	60-140	4.24	30
tert-Butyl alcohol	49			ug/kg	50.0		97.2	70-130	4.39	20
sec-Butylbenzene	59			ug/kg	50.0		118	70-130	9.40	20
n-Butylbenzene	60			ug/kg	50.0		120	70-130	7.86	20
tert-Butylbenzene	59			ug/kg	50.0		117	70-130	8.81	20
Methyl t-butyl ether (MTBE)	46			ug/kg	50.0		92.9	70-130	6.84	20
Carbon Disulfide	53			ug/kg	50.0		107	50-150	10.9	40
Carbon Tetrachloride	57			ug/kg	50.0		114	70-130	9.83	20
Chlorobenzene	58			ug/kg	50.0		115	70-130	10.4	20
Chloroethane	40			ug/kg	50.0		80.4	60-140	2.24	30
Chloroform	57			ug/kg	50.0		114	70-130	11.1	20
Chloromethane	49			ug/kg	50.0		97.9	60-140	0.348	30
4-Chlorotoluene	58			ug/kg	50.0		116	70-130	8.11	20
2-Chlorotoluene	57			ug/kg	50.0		115	70-130	7.62	20
1,2-Dibromo-3-chloropropane (DBCP)	55			ug/kg	50.0		109	70-130	5.18	20
Dibromochloromethane	55			ug/kg	50.0		110	70-130	7.39	20
1,2-Dibromoethane (EDB)	55			ug/kg	50.0		109	70-130	4.94	20
Dibromomethane	54			ug/kg	50.0		108	60-140	9.38	30
1,2-Dichlorobenzene	56			ug/kg	50.0		113	70-130	5.72	20
1,3-Dichlorobenzene	58			ug/kg	50.0		116	70-130	6.21	20
1,4-Dichlorobenzene	57			ug/kg	50.0		113	70-130	6.88	20
1,1-Dichloroethane	57			ug/kg	50.0		115	70-130	9.03	20
1,2-Dichloroethane	54			ug/kg	50.0		107	70-130	6.06	20
trans-1,2-Dichloroethene	60			ug/kg	50.0		121	70-130	10.2	20
cis-1,2-Dichloroethene	62			ug/kg	50.0		124	70-130	10.5	20
1,1-Dichloroethene	60			ug/kg	50.0		119	70-130	8.74	20
1,2-Dichloropropane	56			ug/kg	50.0		112	70-130	8.42	20
2,2-Dichloropropane	61			ug/kg	50.0		121	70-130	11.3	20
cis-1,3-Dichloropropene	56			ug/kg	50.0		112	70-130	7.95	20
trans-1,3-Dichloropropene	56			ug/kg	50.0		112	70-130	5.38	20
1,1-Dichloropropene	60			ug/kg	50.0		121	70-130	9.44	20
Diethyl ether	46			ug/kg	50.0		91.6	60-140	3.51	30
1,4-Dioxane	225			ug/kg	250		90.1	0-200	1.73	50
Ethylbenzene	57			ug/kg	50.0		114	70-130	8.65	20
Hexachlorobutadiene	59			ug/kg	50.0		119	70-130	8.32	20
2-Hexanone	50			ug/kg	50.0		101	70-130	2.61	20
Isopropylbenzene	59			ug/kg	50.0		118	70-130	10.7	20
p-Isopropyltoluene	60			ug/kg	50.0		119	70-130	8.11	20
Methylene Chloride	29			ug/kg	50.0		58.1	60-140	20.7	30
4-Methyl-2-pentanone	47			ug/kg	50.0		94.0	70-130	1.52	20
Naphthalene	55			ug/kg	50.0		110	70-130	5.03	20
n-Propylbenzene	59			ug/kg	50.0		117	70-130	8.39	20
Styrene	58			ug/kg	50.0		116	70-130	8.05	20
1,1,1,2-Tetrachloroethane	57			ug/kg	50.0		115	70-130	8.81	20
Tetrachloroethene	59			ug/kg	50.0		117	70-130	7.92	20
Tetrahydrofuran	49			ug/kg	50.0		98.5	50-150	2.70	40
Toluene	57			ug/kg	50.0		114	70-130	10.0	20
1,2,4-Trichlorobenzene	57			ug/kg	50.0		115	70-130	2.79	20
1,2,3-Trichlorobenzene	56			ug/kg	50.0		112	70-130	4.13	20
1,1,2-Trichloroethane	55			ug/kg	50.0		110	70-130	8.81	20



**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0269 - EPA 5035 (Continued)</b>										
<b>LCS Dup (B2B0269-BSD1)</b>					Prepared & Analyzed: 02/04/22					
1,1,1-Trichloroethane	57			ug/kg	50.0		113	70-130	9.15	20
Trichloroethene	57			ug/kg	50.0		114	70-130	10.1	20
1,2,3-Trichloropropane	54			ug/kg	50.0		107	70-130	3.89	20
1,3,5-Trimethylbenzene	58			ug/kg	50.0		117	70-130	8.28	20
1,2,4-Trimethylbenzene	59			ug/kg	50.0		118	70-130	8.46	20
Vinyl Chloride	55			ug/kg	50.0		109	60-140	9.75	30
o-Xylene	59			ug/kg	50.0		117	70-130	9.21	20
m&p-Xylene	116			ug/kg	100		116	70-130	8.72	20
1,1,2,2-Tetrachloroethane	53			ug/kg	50.0		107	70-130	6.59	20
tert-Amyl methyl ether	49			ug/kg	50.0		98.1	70-130	5.96	20
1,3-Dichloropropane	55			ug/kg	50.0		109	70-130	6.81	20
Ethyl tert-butyl ether	51			ug/kg	50.0		102	70-130	8.44	20
Trichlorofluoromethane	52			ug/kg	50.0		104	70-130	9.44	20
Dichlorodifluoromethane	51			ug/kg	50.0		101	60-140	8.30	30
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Surrogate: 4-Bromofluorobenzene			51.1	ug/kg	50.0		102	70-130		
Surrogate: 1,2-Dichloroethane-d4			53.0	ug/kg	50.0		106	70-130		
Surrogate: Toluene-d8			49.7	ug/kg	50.0		99.3	70-130		

**Batch: B2B0309 - EPA 5035**

**Blank (B2B0309-BLK1)**

Prepared & Analyzed: 02/07/22

Acetone	ND		5	ug/kg						
Benzene	ND		5	ug/kg						
Bromobenzene	ND		5	ug/kg						
Bromochloromethane	ND		5	ug/kg						
Bromodichloromethane	ND		5	ug/kg						
Bromoform	ND		5	ug/kg						
Bromomethane	ND		5	ug/kg						
2-Butanone	ND		5	ug/kg						
tert-Butyl alcohol	ND		5	ug/kg						
sec-Butylbenzene	ND		5	ug/kg						
n-Butylbenzene	ND		5	ug/kg						
tert-Butylbenzene	ND		5	ug/kg						
Methyl t-butyl ether (MTBE)	ND		5	ug/kg						
Carbon Disulfide	ND		5	ug/kg						
Carbon Tetrachloride	ND		5	ug/kg						
Chlorobenzene	ND		5	ug/kg						
Chloroethane	ND		5	ug/kg						
Chloroform	ND		5	ug/kg						
Chloromethane	ND		5	ug/kg						
4-Chlorotoluene	ND		5	ug/kg						
2-Chlorotoluene	ND		5	ug/kg						
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg						
Dibromochloromethane	ND		5	ug/kg						
1,2-Dibromoethane (EDB)	ND		5	ug/kg						
Dibromomethane	ND		5	ug/kg						
1,2-Dichlorobenzene	ND		5	ug/kg						
1,3-Dichlorobenzene	ND		5	ug/kg						
1,4-Dichlorobenzene	ND		5	ug/kg						
1,1-Dichloroethane	ND		5	ug/kg						
1,2-Dichloroethane	ND		5	ug/kg						
trans-1,2-Dichloroethene	ND		5	ug/kg						
cis-1,2-Dichloroethene	ND		5	ug/kg						
1,1-Dichloroethene	ND		5	ug/kg						
1,2-Dichloropropane	ND		5	ug/kg						
2,2-Dichloropropane	ND		5	ug/kg						
cis-1,3-Dichloropropene	ND		5	ug/kg						
trans-1,3-Dichloropropene	ND		5	ug/kg						

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0309 - EPA 5035 (Continued)</b>										
<b>Blank (B2B0309-BLK1)</b>					Prepared & Analyzed: 02/07/22					
1,1-Dichloropropene	ND		5	ug/kg						
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg						
Diethyl ether	ND		5	ug/kg						
1,4-Dioxane	ND		100	ug/kg						
Ethylbenzene	ND		5	ug/kg						
Hexachlorobutadiene	ND		5	ug/kg						
2-Hexanone	ND		5	ug/kg						
Isopropylbenzene	ND		5	ug/kg						
p-Isopropyltoluene	ND		5	ug/kg						
Methylene Chloride	ND		5	ug/kg						
4-Methyl-2-pentanone	ND		5	ug/kg						
Naphthalene	ND		5	ug/kg						
n-Propylbenzene	ND		5	ug/kg						
Styrene	ND		5	ug/kg						
1,1,1,2-Tetrachloroethane	ND		5	ug/kg						
Tetrachloroethene	ND		5	ug/kg						
Tetrahydrofuran	ND		5	ug/kg						
Toluene	ND		5	ug/kg						
1,2,4-Trichlorobenzene	ND		5	ug/kg						
1,2,3-Trichlorobenzene	ND		5	ug/kg						
1,1,2-Trichloroethane	ND		5	ug/kg						
1,1,1-Trichloroethane	ND		5	ug/kg						
Trichloroethene	ND		5	ug/kg						
1,2,3-Trichloropropane	ND		5	ug/kg						
1,3,5-Trimethylbenzene	ND		5	ug/kg						
1,2,4-Trimethylbenzene	ND		5	ug/kg						
Vinyl Chloride	ND		5	ug/kg						
o-Xylene	ND		5	ug/kg						
m&p-Xylene	ND		10	ug/kg						
Total xylenes	ND		5	ug/kg						
1,1,2,2-Tetrachloroethane	ND		5	ug/kg						
tert-Amyl methyl ether	ND		5	ug/kg						
1,3-Dichloropropane	ND		5	ug/kg						
Ethyl tert-butyl ether	ND		5	ug/kg						
Diisopropyl ether	ND		5	ug/kg						
Trichlorofluoromethane	ND		5	ug/kg						
Dichlorodifluoromethane	ND		5	ug/kg						
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Surrogate: 4-Bromofluorobenzene			50.9	ug/kg	50.0		102	70-130		
Surrogate: 1,2-Dichloroethane-d4			50.0	ug/kg	50.0		100	70-130		
Surrogate: Toluene-d8			49.8	ug/kg	50.0		99.6	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0309 - EPA 5035 (Continued)</b>					Prepared & Analyzed: 02/07/22					
<b>LCS (B2B0309-BS1)</b>										
Acetone	53			ug/kg	50.0		107	60-140		
Benzene	52			ug/kg	50.0		105	70-130		
Bromobenzene	52			ug/kg	50.0		103	70-130		
Bromochloromethane	49			ug/kg	50.0		97.9	70-130		
Bromodichloromethane	52			ug/kg	50.0		103	70-130		
Bromoform	50			ug/kg	50.0		99.9	70-130		
Bromomethane	51			ug/kg	50.0		102	60-140		
2-Butanone	45			ug/kg	50.0		89.1	60-140		
tert-Butyl alcohol	49			ug/kg	50.0		97.8	70-130		
sec-Butylbenzene	54			ug/kg	50.0		108	70-130		
n-Butylbenzene	59			ug/kg	50.0		118	70-130		
tert-Butylbenzene	54			ug/kg	50.0		107	70-130		
Methyl t-butyl ether (MTBE)	45			ug/kg	50.0		89.8	70-130		
Carbon Disulfide	51			ug/kg	50.0		103	50-150		
Carbon Tetrachloride	56			ug/kg	50.0		112	70-130		
Chlorobenzene	54			ug/kg	50.0		107	70-130		
Chloroethane	41			ug/kg	50.0		82.2	60-140		
Chloroform	54			ug/kg	50.0		107	70-130		
Chloromethane	47			ug/kg	50.0		93.3	60-140		
4-Chlorotoluene	54			ug/kg	50.0		108	70-130		
2-Chlorotoluene	54			ug/kg	50.0		108	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	53			ug/kg	50.0		106	70-130		
Dibromochloromethane	50			ug/kg	50.0		99.7	70-130		
1,2-Dibromoethane (EDB)	50			ug/kg	50.0		99.8	70-130		
Dibromomethane	50			ug/kg	50.0		99.5	60-140		
1,2-Dichlorobenzene	53			ug/kg	50.0		105	70-130		
1,3-Dichlorobenzene	53			ug/kg	50.0		105	70-130		
1,4-Dichlorobenzene	54			ug/kg	50.0		108	70-130		
1,1-Dichloroethane	57			ug/kg	50.0		115	70-130		
1,2-Dichloroethane	51			ug/kg	50.0		102	70-130		
trans-1,2-Dichloroethene	58			ug/kg	50.0		116	70-130		
cis-1,2-Dichloroethene	60			ug/kg	50.0		119	70-130		
1,1-Dichloroethene	57			ug/kg	50.0		113	70-130		
1,2-Dichloropropane	51			ug/kg	50.0		103	70-130		
2,2-Dichloropropane	59			ug/kg	50.0		117	70-130		
cis-1,3-Dichloropropene	53			ug/kg	50.0		105	70-130		
trans-1,3-Dichloropropene	53			ug/kg	50.0		105	70-130		
1,1-Dichloropropene	57			ug/kg	50.0		115	70-130		
Diethyl ether	46			ug/kg	50.0		91.5	60-140		
1,4-Dioxane	228			ug/kg	250		91.4	0-200		
Ethylbenzene	54			ug/kg	50.0		108	70-130		
Hexachlorobutadiene	54			ug/kg	50.0		108	70-130		
2-Hexanone	44			ug/kg	50.0		87.4	70-130		
Isopropylbenzene	54			ug/kg	50.0		109	70-130		
p-Isopropyltoluene	55			ug/kg	50.0		109	70-130		
Methylene Chloride	89			ug/kg	50.0		177	60-140		
4-Methyl-2-pentanone	42			ug/kg	50.0		83.9	70-130		
Naphthalene	53			ug/kg	50.0		107	70-130		
n-Propylbenzene	55			ug/kg	50.0		111	70-130		
Styrene	54			ug/kg	50.0		107	70-130		
1,1,1,2-Tetrachloroethane	53			ug/kg	50.0		106	70-130		
Tetrachloroethene	53			ug/kg	50.0		105	70-130		
Tetrahydrofuran	46			ug/kg	50.0		92.9	50-150		
Toluene	52			ug/kg	50.0		104	70-130		
1,2,4-Trichlorobenzene	56			ug/kg	50.0		112	70-130		
1,2,3-Trichlorobenzene	54			ug/kg	50.0		107	70-130		
1,1,2-Trichloroethane	51			ug/kg	50.0		102	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0309 - EPA 5035 (Continued)</b>										
<b>LCS (B2B0309-BS1)</b>					Prepared & Analyzed: 02/07/22					
1,1,1-Trichloroethane	54			ug/kg	50.0		107	70-130		
Trichloroethene	53			ug/kg	50.0		106	70-130		
1,2,3-Trichloropropane	51			ug/kg	50.0		101	70-130		
1,3,5-Trimethylbenzene	54			ug/kg	50.0		107	70-130		
1,2,4-Trimethylbenzene	54			ug/kg	50.0		108	70-130		
Vinyl Chloride	51			ug/kg	50.0		102	60-140		
o-Xylene	54			ug/kg	50.0		107	70-130		
m&p-Xylene	108			ug/kg	100		108	70-130		
1,1,2,2-Tetrachloroethane	50			ug/kg	50.0		100	70-130		
tert-Amyl methyl ether	45			ug/kg	50.0		90.3	70-130		
1,3-Dichloropropane	51			ug/kg	50.0		102	70-130		
Ethyl tert-butyl ether	50			ug/kg	50.0		99.6	70-130		
Trichlorofluoromethane	53			ug/kg	50.0		106	70-130		
Dichlorodifluoromethane	46			ug/kg	50.0		92.5	60-140		
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<i>Surrogate: 4-Bromofluorobenzene</i>			<i>51.1</i>	ug/kg	<i>50.0</i>		<i>102</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>51.9</i>	ug/kg	<i>50.0</i>		<i>104</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>49.8</i>	ug/kg	<i>50.0</i>		<i>99.6</i>	<i>70-130</i>		
<b>LCS Dup (B2B0309-BSD1)</b>					Prepared & Analyzed: 02/07/22					
Acetone	57			ug/kg	50.0		115	60-140	7.40	30
Benzene	56			ug/kg	50.0		111	70-130	5.99	20
Bromobenzene	54			ug/kg	50.0		108	70-130	4.62	20
Bromochloromethane	55			ug/kg	50.0		111	70-130	12.2	20
Bromodichloromethane	55			ug/kg	50.0		110	70-130	6.49	20
Bromoform	52			ug/kg	50.0		104	70-130	4.00	20
Bromomethane	51			ug/kg	50.0		102	60-140	0.373	30
2-Butanone	50			ug/kg	50.0		101	60-140	12.4	30
tert-Butyl alcohol	50			ug/kg	50.0		99.4	70-130	1.58	20
sec-Butylbenzene	56			ug/kg	50.0		112	70-130	3.79	20
n-Butylbenzene	62			ug/kg	50.0		125	70-130	5.52	20
tert-Butylbenzene	56			ug/kg	50.0		111	70-130	3.75	20
Methyl t-butyl ether (MTBE)	47			ug/kg	50.0		94.1	70-130	4.68	20
Carbon Disulfide	56			ug/kg	50.0		112	50-150	8.27	40
Carbon Tetrachloride	59			ug/kg	50.0		118	70-130	5.13	20
Chlorobenzene	56			ug/kg	50.0		112	70-130	4.33	20
Chloroethane	41			ug/kg	50.0		81.1	60-140	1.37	30
Chloroform	57			ug/kg	50.0		115	70-130	6.85	20
Chloromethane	46			ug/kg	50.0		91.2	60-140	2.30	30
4-Chlorotoluene	56			ug/kg	50.0		113	70-130	4.27	20
2-Chlorotoluene	56			ug/kg	50.0		113	70-130	4.02	20
1,2-Dibromo-3-chloropropane (DBCP)	53			ug/kg	50.0		105	70-130	0.456	20
Dibromochloromethane	53			ug/kg	50.0		106	70-130	5.84	20
1,2-Dibromoethane (EDB)	53			ug/kg	50.0		106	70-130	5.85	20
Dibromomethane	54			ug/kg	50.0		108	60-140	7.79	30
1,2-Dichlorobenzene	56			ug/kg	50.0		112	70-130	5.72	20
1,3-Dichlorobenzene	55			ug/kg	50.0		109	70-130	3.47	20
1,4-Dichlorobenzene	57			ug/kg	50.0		114	70-130	5.45	20
1,1-Dichloroethane	59			ug/kg	50.0		118	70-130	3.21	20
1,2-Dichloroethane	54			ug/kg	50.0		107	70-130	5.30	20
trans-1,2-Dichloroethene	61			ug/kg	50.0		122	70-130	5.31	20
cis-1,2-Dichloroethene	62			ug/kg	50.0		123	70-130	3.05	20
1,1-Dichloroethene	64			ug/kg	50.0		127	70-130	11.5	20
1,2-Dichloropropane	55			ug/kg	50.0		111	70-130	7.37	20
2,2-Dichloropropane	61			ug/kg	50.0		122	70-130	4.09	20
cis-1,3-Dichloropropene	56			ug/kg	50.0		112	70-130	5.86	20
trans-1,3-Dichloropropene	55			ug/kg	50.0		110	70-130	4.41	20
1,1-Dichloropropene	59			ug/kg	50.0		118	70-130	2.75	20

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0309 - EPA 5035 (Continued)</b>										
<b>LCS Dup (B2B0309-BSD1)</b>					Prepared & Analyzed: 02/07/22					
Diethyl ether	49			ug/kg	50.0		97.2	60-140	6.04	30
1,4-Dioxane	235			ug/kg	250		94.0	0-200	2.90	50
Ethylbenzene	55			ug/kg	50.0		111	70-130	2.43	20
Hexachlorobutadiene	58			ug/kg	50.0		117	70-130	7.54	20
2-Hexanone	46			ug/kg	50.0		91.4	70-130	4.50	20
Isopropylbenzene	56			ug/kg	50.0		112	70-130	2.49	20
p-Isopropyltoluene	57			ug/kg	50.0		114	70-130	3.88	20
Methylene Chloride	52			ug/kg	50.0		105	60-140	51.6	30
4-Methyl-2-pentanone	44			ug/kg	50.0		87.5	70-130	4.22	20
Naphthalene	55			ug/kg	50.0		110	70-130	2.90	20
n-Propylbenzene	57			ug/kg	50.0		115	70-130	3.81	20
Styrene	55			ug/kg	50.0		111	70-130	3.05	20
1,1,1,2-Tetrachloroethane	56			ug/kg	50.0		112	70-130	5.01	20
Tetrachloroethene	57			ug/kg	50.0		114	70-130	7.34	20
Tetrahydrofuran	48			ug/kg	50.0		95.3	50-150	2.55	40
Toluene	56			ug/kg	50.0		112	70-130	6.83	20
1,2,4-Trichlorobenzene	60			ug/kg	50.0		120	70-130	6.90	20
1,2,3-Trichlorobenzene	57			ug/kg	50.0		114	70-130	6.03	20
1,1,2-Trichloroethane	52			ug/kg	50.0		105	70-130	2.55	20
1,1,1-Trichloroethane	56			ug/kg	50.0		112	70-130	4.85	20
Trichloroethene	56			ug/kg	50.0		112	70-130	4.70	20
1,2,3-Trichloropropane	52			ug/kg	50.0		105	70-130	3.17	20
1,3,5-Trimethylbenzene	57			ug/kg	50.0		113	70-130	5.32	20
1,2,4-Trimethylbenzene	56			ug/kg	50.0		113	70-130	4.08	20
Vinyl Chloride	49			ug/kg	50.0		98.2	60-140	3.89	30
o-Xylene	56			ug/kg	50.0		112	70-130	4.14	20
m&p-Xylene	112			ug/kg	100		112	70-130	3.06	20
1,1,2,2-Tetrachloroethane	51			ug/kg	50.0		101	70-130	1.19	20
tert-Amyl methyl ether	48			ug/kg	50.0		96.9	70-130	7.03	20
1,3-Dichloropropane	54			ug/kg	50.0		109	70-130	6.20	20
Ethyl tert-butyl ether	50			ug/kg	50.0		101	70-130	1.06	20
Trichlorofluoromethane	50			ug/kg	50.0		100	70-130	5.91	20
Dichlorodifluoromethane	44			ug/kg	50.0		88.4	60-140	4.60	30
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Surrogate: 4-Bromofluorobenzene			51.1	ug/kg	50.0		102	70-130		
Surrogate: 1,2-Dichloroethane-d4			52.6	ug/kg	50.0		105	70-130		
Surrogate: Toluene-d8			50.4	ug/kg	50.0		101	70-130		

**Quality Control**  
(Continued)

**Semivolatile organic compounds**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0066 - EPA 3546</b>										
<b>Blank (B2B0066-BLK1)</b>										
					Prepared: 02/02/22 Analyzed: 02/04/22					
1,2,4-Trichlorobenzene	ND		130	ug/kg						
1,2-Dichlorobenzene	ND		130	ug/kg						
1,3-Dichlorobenzene	ND		130	ug/kg						
1,4-Dichlorobenzene	ND		130	ug/kg						
Phenol	ND		130	ug/kg						
2,4,5-Trichlorophenol	ND		130	ug/kg						
2,4,6-Trichlorophenol	ND		130	ug/kg						
2,4-Dichlorophenol	ND		130	ug/kg						
2,4-Dimethylphenol	ND		330	ug/kg						
2,4-Dinitrophenol	ND		330	ug/kg						
2,4-Dinitrotoluene	ND		130	ug/kg						
2,6-Dinitrotoluene	ND		130	ug/kg						
2-Chloronaphthalene	ND		130	ug/kg						
2-Chlorophenol	ND		130	ug/kg						
2-Methylnaphthalene	ND		130	ug/kg						
Nitrobenzene	ND		130	ug/kg						
2-Methylphenol	ND		130	ug/kg						
2-Nitroaniline	ND		130	ug/kg						
2-Nitrophenol	ND		330	ug/kg						
3,3'-Dichlorobenzidine	ND		330	ug/kg						
3-Nitroaniline	ND		130	ug/kg						
4,6-Dinitro-2-methylphenol	ND		330	ug/kg						
4-Bromophenyl phenyl ether	ND		130	ug/kg						
4-Chloro-3-methylphenol	ND		130	ug/kg						
4-Chloroaniline	ND		130	ug/kg						
4-Chlorophenyl phenyl ether	ND		130	ug/kg						
4-Nitroaniline	ND		130	ug/kg						
4-Nitrophenol	ND		330	ug/kg						
Acenaphthene	ND		130	ug/kg						
Acenaphthylene	ND		130	ug/kg						
Aniline	ND		130	ug/kg						
Anthracene	ND		130	ug/kg						
Benzo(a)anthracene	ND		130	ug/kg						
Benzo(a)pyrene	ND		130	ug/kg						
Benzo(b)fluoranthene	ND		130	ug/kg						
Benzo(g,h,i)perylene	ND		130	ug/kg						
Benzo(k)fluoranthene	ND		130	ug/kg						
Benzoic acid	ND		1000	ug/kg						
Biphenyl	ND		40	ug/kg						
Bis(2-chloroethoxy)methane	ND		130	ug/kg						
Bis(2-chloroethyl)ether	ND		130	ug/kg						
Bis(2-chloroisopropyl)ether	ND		130	ug/kg						
Bis(2-ethylhexyl)phthalate	ND		400	ug/kg						
Butyl benzyl phthalate	ND		130	ug/kg						
Chrysene	ND		130	ug/kg						
Di(n)octyl phthalate	ND		200	ug/kg						
Dibenz(a,h)anthracene	ND		130	ug/kg						
Dibenzofuran	ND		130	ug/kg						
Diethyl phthalate	ND		130	ug/kg						
Dimethyl phthalate	ND		330	ug/kg						
Di-n-butylphthalate	ND		200	ug/kg						
Fluoranthene	ND		130	ug/kg						
Fluorene	ND		130	ug/kg						
Hexachlorobenzene	ND		130	ug/kg						
Hexachlorobutadiene	ND		130	ug/kg						
Hexachlorocyclopentadiene	ND		330	ug/kg						
Hexachloroethane	ND		130	ug/kg						

**Quality Control**  
(Continued)

**Semivolatile organic compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0066 - EPA 3546 (Continued)</b>										
<b>Blank (B2B0066-BLK1)</b>										
					Prepared: 02/02/22 Analyzed: 02/04/22					
Indeno(1,2,3-cd)pyrene	ND		130	ug/kg						
Isophorone	ND		130	ug/kg						
Naphthalene	ND		130	ug/kg						
N-Nitrosodimethylamine	ND		130	ug/kg						
N-Nitrosodi-n-propylamine	ND		130	ug/kg						
N-Nitrosodiphenylamine	ND		130	ug/kg						
Pentachlorophenol	ND		330	ug/kg						
Phenanthrene	ND		130	ug/kg						
Pyrene	ND		130	ug/kg						
m&p-Cresol	ND		260	ug/kg						
Pyridine	ND		130	ug/kg						
<i>Surrogate: Nitrobenzene-d5</i>			1450	ug/kg	3330		43.6	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			2960	ug/kg	3330		88.8	47-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			1590	ug/kg	3330		47.6	34-130		
<i>Surrogate: Phenol-d6</i>			1360	ug/kg	3330		40.9	30-130		
<i>Surrogate: 2,4,6-Tribromophenol</i>			1270	ug/kg	3330		38.1	30-130		
<i>Surrogate: 2-Fluorophenol</i>			1270	ug/kg	3330		38.0	30-130		
<b>LCS (B2B0066-BS1)</b>										
					Prepared: 02/02/22 Analyzed: 02/04/22					
1,2,4-Trichlorobenzene	1590		130	ug/kg	3330		47.8	40-130		
1,2-Dichlorobenzene	1460		130	ug/kg	3330		43.8	40-130		
1,3-Dichlorobenzene	1400		130	ug/kg	3330		42.0	40-130		
1,4-Dichlorobenzene	1420		130	ug/kg	3330		42.6	40-130		
Phenol	1540		130	ug/kg	3330		46.3	40-130		
2,4,5-Trichlorophenol	1750		130	ug/kg	3330		52.4	40-130		
2,4,6-Trichlorophenol	1820		130	ug/kg	3330		54.6	40-130		
2,4-Dichlorophenol	1590		130	ug/kg	3330		47.8	40-130		
2,4-Dimethylphenol	1580		330	ug/kg	3330		47.3	40-130		
2,4-Dinitrotoluene	2690		130	ug/kg	3330		80.7	40-130		
2,6-Dinitrotoluene	2470		130	ug/kg	3330		74.0	40-130		
2-Chloronaphthalene	1800		130	ug/kg	3330		53.9	40-130		
2-Chlorophenol	1470		130	ug/kg	3330		44.0	40-130		
2-Methylnaphthalene	1670		130	ug/kg	3330		50.1	40-130		
Nitrobenzene	1650		130	ug/kg	3330		49.6	40-130		
2-Methylphenol	1500		130	ug/kg	3330		44.9	40-130		
2-Nitroaniline	2350		130	ug/kg	3330		70.6	40-130		
2-Nitrophenol	1510		330	ug/kg	3330		45.3	40-130		
3-Nitroaniline	2330		130	ug/kg	3330		69.8	40-130		
4,6-Dinitro-2-methylphenol	995		330	ug/kg	3330		29.8	40-130		
4-Bromophenyl phenyl ether	2690		130	ug/kg	3330		80.8	40-130		
4-Chloro-3-methylphenol	2110		130	ug/kg	3330		63.2	40-130		
4-Chlorophenyl phenyl ether	2320		130	ug/kg	3330		69.5	40-130		
4-Nitroaniline	2620		130	ug/kg	3330		78.5	40-130		
4-Nitrophenol	2510		330	ug/kg	3330		75.4	40-130		
Acenaphthene	2040		130	ug/kg	3330		61.3	40-130		
Acenaphthylene	1990		130	ug/kg	3330		59.7	40-130		
Anthracene	2620		130	ug/kg	3330		78.6	40-130		
Benzo(a)anthracene	2790		130	ug/kg	3330		83.7	40-130		
Benzo(a)pyrene	2930		130	ug/kg	3330		87.9	40-130		
Benzo(b)fluoranthene	2990		130	ug/kg	3330		89.7	40-130		
Benzo(g,h,i)perylene	2760		130	ug/kg	3330		82.9	40-130		
Benzo(k)fluoranthene	3120		130	ug/kg	3330		93.5	40-130		
Biphenyl	490		40	ug/kg	833		58.8	40-130		
Bis(2-chloroethoxy)methane	1820		130	ug/kg	3330		54.5	40-130		
Bis(2-chloroethyl)ether	1570		130	ug/kg	3330		47.2	40-130		
Bis(2-chloroisopropyl)ether	1780		130	ug/kg	3330		53.3	40-130		
Bis(2-ethylhexyl)phthalate	3330		400	ug/kg	3330		100	40-130		

**Quality Control**  
(Continued)

**Semivolatile organic compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0066 - EPA 3546 (Continued)</b>										
<b>LCS (B2B0066-BS1)</b>										
					Prepared: 02/02/22 Analyzed: 02/04/22					
Butyl benzyl phthalate	3200		130	ug/kg	3330		96.0	40-130		
Chrysene	2920		130	ug/kg	3330		87.6	40-130		
Di(n)octyl phthalate	3360		200	ug/kg	3330		101	40-130		
Dibenz(a,h)anthracene	2690		130	ug/kg	3330		80.7	40-130		
Dibenzofuran	2090		130	ug/kg	3330		62.7	40-130		
Diethyl phthalate	2520		130	ug/kg	3330		75.7	40-130		
Dimethyl phthalate	2380		330	ug/kg	3330		71.4	40-130		
Di-n-butylphthalate	2940		200	ug/kg	3330		88.1	40-130		
Fluoranthene	2680		130	ug/kg	3330		80.3	40-130		
Fluorene	2290		130	ug/kg	3330		68.8	40-130		
Hexachlorobenzene	2760		130	ug/kg	3330		82.9	40-130		
Hexachlorobutadiene	1700		130	ug/kg	3330		50.9	40-130		
Hexachlorocyclopentadiene	1780		330	ug/kg	3330		53.3	40-130		
Hexachloroethane	1450		130	ug/kg	3330		43.6	40-130		
Indeno(1,2,3-cd)pyrene	2670		130	ug/kg	3330		80.0	40-130		
Isophorone	1830		130	ug/kg	3330		54.9	40-130		
Naphthalene	1650		130	ug/kg	3330		49.4	40-130		
N-Nitrosodimethylamine	1500		130	ug/kg	3330		45.0	40-130		
N-Nitrosodi-n-propylamine	1580		130	ug/kg	3330		47.3	40-130		
N-Nitrosodiphenylamine	3420		130	ug/kg	3330		103	40-130		
Pentachlorophenol	1360		330	ug/kg	3330		40.9	40-130		
Phenanthrene	2620		130	ug/kg	3330		78.5	40-130		
Pyrene	2920		130	ug/kg	3330		87.7	40-130		
m&p-Cresol	1560		260	ug/kg	3330		46.9	40-130		
<hr/>										
Surrogate: Nitrobenzene-d5			1680	ug/kg	3330		50.4	30-126		
Surrogate: p-Terphenyl-d14			3130	ug/kg	3330		93.9	47-130		
Surrogate: 2-Fluorobiphenyl			1810	ug/kg	3330		54.3	34-130		
Surrogate: Phenol-d6			1510	ug/kg	3330		45.2	30-130		
Surrogate: 2,4,6-Tribromophenol			2430	ug/kg	3330		72.9	30-130		
Surrogate: 2-Fluorophenol			1470	ug/kg	3330		44.1	30-130		



**Quality Control**  
(Continued)

**Polychlorinated Biphenyls (PCBs)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0070 - EPA 3546</b>										
<b>Blank (B2B0070-BLK1)</b>										
					Prepared: 02/02/22 Analyzed: 02/03/22					
Aroclor-1016	ND		66	ug/kg						
Aroclor-1221	ND		66	ug/kg						
Aroclor-1232	ND		66	ug/kg						
Aroclor-1242	ND		66	ug/kg						
Aroclor-1248	ND		66	ug/kg						
Aroclor-1254	ND		66	ug/kg						
Aroclor-1260	ND		66	ug/kg						
Aroclor-1262	ND		66	ug/kg						
Aroclor-1268	ND		66	ug/kg						
PCBs (Total)	ND		66	ug/kg						
-----										
Surrogate: 2,4,5,6-Tetrachloro-m-xylene (TCMX)			12.9	ug/kg	13.3		96.6	36.2-130		
Surrogate: Decachlorobiphenyl (DCBP)			13.7	ug/kg	13.3		103	43.3-130		
<b>LCS (B2B0070-BS1)</b>										
					Prepared: 02/02/22 Analyzed: 02/03/22					
Aroclor-1016	140		66	ug/kg	167		83.9	58.2-125		
Aroclor-1260	143		66	ug/kg	167		85.9	65.5-130		
-----										
Surrogate: 2,4,5,6-Tetrachloro-m-xylene (TCMX)			13.4	ug/kg	13.3		100	36.2-130		
Surrogate: Decachlorobiphenyl (DCBP)			14.2	ug/kg	13.3		107	43.3-130		
<b>LCS Dup (B2B0070-BSD1)</b>										
					Prepared: 02/02/22 Analyzed: 02/03/22					
Aroclor-1016	155		66	ug/kg	167		93.2	58.2-125	10.5	20
Aroclor-1260	159		66	ug/kg	167		95.6	65.5-130	10.7	20
-----										
Surrogate: 2,4,5,6-Tetrachloro-m-xylene (TCMX)			13.5	ug/kg	13.3		101	36.2-130		
Surrogate: Decachlorobiphenyl (DCBP)			15.2	ug/kg	13.3		114	43.3-130		

**Quality Control**  
(Continued)

**Total Petroleum Hydrocarbons**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0166 - EPA 3546</b>										
<b>Blank (B2B0166-BLK1)</b>										
					Prepared: 02/03/22 Analyzed: 02/04/22					
Total Petroleum Hydrocarbons	ND		27	mg/kg						
-----										
Surrogate: Chlorooctadecane			6.12	mg/kg	8.33		73.5	56.5-114		
<b>LCS (B2B0166-BS1)</b>										
					Prepared: 02/03/22 Analyzed: 02/04/22					
Total Petroleum Hydrocarbons	351		27	mg/kg	667		52.6	44.7-125		
-----										
Surrogate: Chlorooctadecane			6.27	mg/kg	8.33		75.2	56.5-114		
<b>LCS Dup (B2B0166-BSD1)</b>										
					Prepared: 02/03/22 Analyzed: 02/04/22					
Total Petroleum Hydrocarbons	415		27	mg/kg	667		62.3	44.7-125	16.9	200
-----										
Surrogate: Chlorooctadecane			6.90	mg/kg	8.33		82.8	56.5-114		

**Quality Control**  
(Continued)

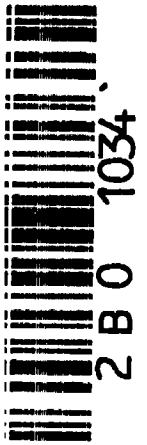
**TCLP Metals**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0360 - Metals Digestion Waters</b>										
<b>LCS (B2B0360-BS1)</b>										
Lead	0.934		0.005	mg/L	1.00		93.4	85-115		
<b>Leach Fluid Blank (B2B0360-LBK1)</b>										
Lead	ND		0.005	mg/L						

## Notes and Definitions

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

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



PROJECT NAME/LOCATION

2106.00 Rogers HS, Newport, RI  
 S/LA/M Collaborative/Rogers HS/Newport, RI

REPORT TO:

INVOICE TO:

DATE

TIME

G R A B

C O M P

SAMPLE I.D.

SCORED

LOS

OTHER

NO. OF CONTAINERS

RESERVATIVE

TESTS

REMARKS

TURNAROUND (Business Days)

SPECIAL INSTRUCTIONS

LABORATORY REMARKS

TEMP. RECEIVED

COOLING

LIST SPECIFIC DETECTION LIMIT REQUIREMENTS

PH/LIGHTABILITY/CONDUCTIVITY

PCRB'S 6082

TPH 6100

PCBS 6270

SVOC'S (H/Low) 6260

\*MACOMM-97 PARAMETERS AT GROUP PRICE

MUST MEET RIDEM RDEC LIMIT

2/1/22 9:45am

9

B22-3 S-3 "FILL" (4'-6")

X

3

Received by (Signature) *Joey Callahan* Date/Time 2/1/22 11:30 AM  
 Received by (Signature) *Joey Callahan* Date/Time 2/1/22 11:50  
 Received by (Signature) *Joey Callahan* Date/Time 2/1/22 14:20  
 Received by (Signature) *Joey Callahan* Date/Time 2/1/22 14:20

Special Instructions:  
 List Specific Detection Limit Requirements:

Laboratory Remarks:  
 Temp. received: 14  
 Cooling: 49

Turnaround (Business Days)

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



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

## REPORT OF ANALYTICAL RESULTS

**NETLAB Work Order Number: 2B03031**  
**Client Project: 21106.00 - Rogers High School, Newport, RI**

Report Date: 10-February-2022

Prepared for:

Michael Flynn  
Pare Corporation  
8 Blackstone Valley Place  
Lincoln, RI 02865

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

### ***Samples Submitted :***

The samples listed below were submitted to New England Testing Laboratory on 02/03/22. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is 2B03031. Custody records are included in this report.

<b>Lab ID</b>	<b>Sample</b>	<b>Matrix</b>	<b>Date Sampled</b>	<b>Date Received</b>
2B03031-01	TP-21 Fill A 17"	Soil	02/02/2022	02/03/2022
2B03031-02	TP-21 Fill B 44"	Soil	02/02/2022	02/03/2022

## ***Request for Analysis***

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

### **TP-21 Fill A 17" (Lab Number: 2B03031-01)**

#### **Analysis**

Arsenic  
Barium  
Cadmium  
Chromium  
Flashpoint  
Lead  
Mercury  
PCBs  
pH  
Selenium  
Semivolatile Organic Compounds  
Silver  
Specific Conductance  
TCLP Lead  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 1010A-Mod  
EPA 6010C  
EPA 7471B  
EPA 8082A  
SM4500-H-B (11)  
EPA 6010C  
EPA 8270D  
EPA 6010C  
EPA 9010A--modified  
EPA 6010C  
EPA-8100-mod  
EPA 8260C

### **TP-21 Fill B 44" (Lab Number: 2B03031-02)**

#### **Analysis**

Arsenic  
Barium  
Cadmium  
Chromium  
Flashpoint  
Lead  
Mercury  
PCBs  
pH  
Selenium  
Semivolatile Organic Compounds  
Silver  
Specific Conductance  
TCLP Lead  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 6010C  
EPA 1010A-Mod  
EPA 6010C  
EPA 7471B  
EPA 8082A  
SM4500-H-B (11)  
EPA 6010C  
EPA 8270D  
EPA 6010C  
EPA 9010A--modified  
EPA 6010C  
EPA-8100-mod  
EPA 8260C

## ***Method References***

*Reactive Cyanide, Standard Operating Procedure 407*, New England Testing Laboratory Inc.

*Standard Methods for the Examination of Water and Wastewater, 20th Edition*, APHA/ AWWA-WPCF, 1998

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



## Case Narrative

### Sample Receipt:

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

Exceptions: None

### Analysis:

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

Exceptions: None

## Results: General Chemistry

**Sample: TP-21 Fill A 17"**

**Lab Number: 2B03031-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Flashpoint	> 200		70	degrees F	02/10/22	02/10/22
<b>pH</b>	<b>6.6</b>			SU	02/08/22	02/08/22
<b>Specific Conductance</b>	<b>6.2</b>		2.0	uS/cm	02/07/22	02/07/22

**Results: General Chemistry****Sample: TP-21 Fill B 44"****Lab Number: 2B03031-02 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
Flashpoint	> 200		70	degrees F	02/10/22	02/10/22
<b>pH</b>	<b>8.1</b>			SU	02/08/22	02/08/22
<b>Specific Conductance</b>	<b>24.1</b>		2.0	uS/cm	02/07/22	02/07/22

**Results: Total Metals****Sample: TP-21 Fill A 17"****Lab Number: 2B03031-01 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
<b>Arsenic</b>	<b>37.8</b>		0.92	mg/kg	02/04/22	02/08/22
<b>Barium</b>	<b>51.1</b>		0.30	mg/kg	02/04/22	02/08/22
<b>Cadmium</b>	<b>2.98</b>		0.46	mg/kg	02/04/22	02/08/22
<b>Chromium</b>	<b>16.5</b>		0.46	mg/kg	02/04/22	02/08/22
<b>Lead</b>	<b>167</b>		0.46	mg/kg	02/04/22	02/08/22
<b>Mercury</b>	<b>0.188</b>		0.039	mg/kg	02/07/22	02/08/22
Selenium	ND		0.92	mg/kg	02/04/22	02/08/22
Silver	ND		0.92	mg/kg	02/04/22	02/08/22

**Results: Total Metals****Sample: TP-21 Fill B 44"****Lab Number: 2B03031-02 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
<b>Arsenic</b>	<b>10.4</b>		0.97	mg/kg	02/04/22	02/08/22
<b>Barium</b>	<b>216</b>		0.32	mg/kg	02/04/22	02/08/22
<b>Cadmium</b>	<b>3.81</b>		0.48	mg/kg	02/04/22	02/08/22
<b>Chromium</b>	<b>66.3</b>		0.48	mg/kg	02/04/22	02/08/22
<b>Lead</b>	<b>995</b>		0.48	mg/kg	02/04/22	02/08/22
<b>Mercury</b>	<b>2.53</b>		0.195	mg/kg	02/09/22	02/10/22
Selenium	ND		0.97	mg/kg	02/04/22	02/08/22
Silver	ND		0.97	mg/kg	02/04/22	02/08/22

## Results: Volatile Organic Compounds

**Sample: TP-21 Fill A 17"**

**Lab Number: 2B03031-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		6	ug/kg	02/07/22	02/07/22
Benzene	ND		6	ug/kg	02/07/22	02/07/22
Bromobenzene	ND		6	ug/kg	02/07/22	02/07/22
Bromochloromethane	ND		6	ug/kg	02/07/22	02/07/22
Bromodichloromethane	ND		6	ug/kg	02/07/22	02/07/22
Bromoform	ND		6	ug/kg	02/07/22	02/07/22
Bromomethane	ND		6	ug/kg	02/07/22	02/07/22
2-Butanone	ND		6	ug/kg	02/07/22	02/07/22
tert-Butyl alcohol	ND		6	ug/kg	02/07/22	02/07/22
sec-Butylbenzene	ND		6	ug/kg	02/07/22	02/07/22
n-Butylbenzene	ND		6	ug/kg	02/07/22	02/07/22
tert-Butylbenzene	ND		6	ug/kg	02/07/22	02/07/22
Methyl t-butyl ether (MTBE)	ND		6	ug/kg	02/07/22	02/07/22
Carbon Disulfide	ND		6	ug/kg	02/07/22	02/07/22
Carbon Tetrachloride	ND		6	ug/kg	02/07/22	02/07/22
Chlorobenzene	ND		6	ug/kg	02/07/22	02/07/22
Chloroethane	ND		6	ug/kg	02/07/22	02/07/22
Chloroform	ND		6	ug/kg	02/07/22	02/07/22
Chloromethane	ND		6	ug/kg	02/07/22	02/07/22
4-Chlorotoluene	ND		6	ug/kg	02/07/22	02/07/22
2-Chlorotoluene	ND		6	ug/kg	02/07/22	02/07/22
1,2-Dibromo-3-chloropropane (DBCP)	ND		6	ug/kg	02/07/22	02/07/22
Dibromochloromethane	ND		6	ug/kg	02/07/22	02/07/22
1,2-Dibromoethane (EDB)	ND		6	ug/kg	02/07/22	02/07/22
Dibromomethane	ND		6	ug/kg	02/07/22	02/07/22
1,2-Dichlorobenzene	ND		6	ug/kg	02/07/22	02/07/22
1,3-Dichlorobenzene	ND		6	ug/kg	02/07/22	02/07/22
1,4-Dichlorobenzene	ND		6	ug/kg	02/07/22	02/07/22
1,1-Dichloroethane	ND		6	ug/kg	02/07/22	02/07/22
1,2-Dichloroethane	ND		6	ug/kg	02/07/22	02/07/22
trans-1,2-Dichloroethene	ND		6	ug/kg	02/07/22	02/07/22
cis-1,2-Dichloroethene	ND		6	ug/kg	02/07/22	02/07/22
1,1-Dichloroethene	ND		6	ug/kg	02/07/22	02/07/22
1,2-Dichloropropane	ND		6	ug/kg	02/07/22	02/07/22
2,2-Dichloropropane	ND		6	ug/kg	02/07/22	02/07/22
cis-1,3-Dichloropropene	ND		6	ug/kg	02/07/22	02/07/22
trans-1,3-Dichloropropene	ND		6	ug/kg	02/07/22	02/07/22
1,1-Dichloropropene	ND		6	ug/kg	02/07/22	02/07/22
1,3-Dichloropropene (cis + trans)	ND		6	ug/kg	02/07/22	02/07/22
Diethyl ether	ND		6	ug/kg	02/07/22	02/07/22
1,4-Dioxane	ND		119	ug/kg	02/07/22	02/07/22
Ethylbenzene	ND		6	ug/kg	02/07/22	02/07/22
Hexachlorobutadiene	ND		6	ug/kg	02/07/22	02/07/22
2-Hexanone	ND		6	ug/kg	02/07/22	02/07/22
Isopropylbenzene	ND		6	ug/kg	02/07/22	02/07/22
p-Isopropyltoluene	ND		6	ug/kg	02/07/22	02/07/22
Methylene Chloride	ND		6	ug/kg	02/07/22	02/07/22
4-Methyl-2-pentanone	ND		6	ug/kg	02/07/22	02/07/22

## Results: Volatile Organic Compounds (Continued)

**Sample: TP-21 Fill A 17" (Continued)**

**Lab Number: 2B03031-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		6	ug/kg	02/07/22	02/07/22
n-Propylbenzene	ND		6	ug/kg	02/07/22	02/07/22
Styrene	ND		6	ug/kg	02/07/22	02/07/22
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/07/22	02/07/22
Tetrachloroethene	ND		6	ug/kg	02/07/22	02/07/22
Tetrahydrofuran	ND		6	ug/kg	02/07/22	02/07/22
Toluene	ND		6	ug/kg	02/07/22	02/07/22
1,2,4-Trichlorobenzene	ND		6	ug/kg	02/07/22	02/07/22
1,2,3-Trichlorobenzene	ND		6	ug/kg	02/07/22	02/07/22
1,1,2-Trichloroethane	ND		6	ug/kg	02/07/22	02/07/22
1,1,1-Trichloroethane	ND		6	ug/kg	02/07/22	02/07/22
Trichloroethene	ND		6	ug/kg	02/07/22	02/07/22
1,2,3-Trichloropropane	ND		6	ug/kg	02/07/22	02/07/22
1,3,5-Trimethylbenzene	ND		6	ug/kg	02/07/22	02/07/22
1,2,4-Trimethylbenzene	ND		6	ug/kg	02/07/22	02/07/22
Vinyl Chloride	ND		6	ug/kg	02/07/22	02/07/22
o-Xylene	ND		6	ug/kg	02/07/22	02/07/22
m&p-Xylene	ND		12	ug/kg	02/07/22	02/07/22
Total xylenes	ND		6	ug/kg	02/07/22	02/07/22
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/07/22	02/07/22
tert-Amyl methyl ether	ND		6	ug/kg	02/07/22	02/07/22
1,3-Dichloropropane	ND		6	ug/kg	02/07/22	02/07/22
Ethyl tert-butyl ether	ND		6	ug/kg	02/07/22	02/07/22
Diisopropyl ether	ND		6	ug/kg	02/07/22	02/07/22
Trichlorofluoromethane	ND		6	ug/kg	02/07/22	02/07/22
Dichlorodifluoromethane	ND		6	ug/kg	02/07/22	02/07/22
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>89.5%</i>		<i>70-130</i>		<i>02/07/22</i>	<i>02/07/22</i>
<i>1,2-Dichloroethane-d4</i>	<i>101%</i>		<i>70-130</i>		<i>02/07/22</i>	<i>02/07/22</i>
<i>Toluene-d8</i>	<i>97.0%</i>		<i>70-130</i>		<i>02/07/22</i>	<i>02/07/22</i>

## Results: Volatile Organic Compounds

**Sample: TP-21 Fill B 44"**

**Lab Number: 2B03031-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		6	ug/kg	02/04/22	02/05/22
Benzene	ND		6	ug/kg	02/04/22	02/05/22
Bromobenzene	ND		6	ug/kg	02/04/22	02/05/22
Bromochloromethane	ND		6	ug/kg	02/04/22	02/05/22
Bromodichloromethane	ND		6	ug/kg	02/04/22	02/05/22
Bromoform	ND		6	ug/kg	02/04/22	02/05/22
Bromomethane	ND		6	ug/kg	02/04/22	02/05/22
2-Butanone	ND		6	ug/kg	02/04/22	02/05/22
tert-Butyl alcohol	ND		6	ug/kg	02/04/22	02/05/22
sec-Butylbenzene	ND		6	ug/kg	02/04/22	02/05/22
n-Butylbenzene	ND		6	ug/kg	02/04/22	02/05/22
tert-Butylbenzene	ND		6	ug/kg	02/04/22	02/05/22
Methyl t-butyl ether (MTBE)	ND		6	ug/kg	02/04/22	02/05/22
Carbon Disulfide	ND		6	ug/kg	02/04/22	02/05/22
Carbon Tetrachloride	ND		6	ug/kg	02/04/22	02/05/22
Chlorobenzene	ND		6	ug/kg	02/04/22	02/05/22
Chloroethane	ND		6	ug/kg	02/04/22	02/05/22
Chloroform	ND		6	ug/kg	02/04/22	02/05/22
Chloromethane	ND		6	ug/kg	02/04/22	02/05/22
4-Chlorotoluene	ND		6	ug/kg	02/04/22	02/05/22
2-Chlorotoluene	ND		6	ug/kg	02/04/22	02/05/22
1,2-Dibromo-3-chloropropane (DBCP)	ND		6	ug/kg	02/04/22	02/05/22
Dibromochloromethane	ND		6	ug/kg	02/04/22	02/05/22
1,2-Dibromoethane (EDB)	ND		6	ug/kg	02/04/22	02/05/22
Dibromomethane	ND		6	ug/kg	02/04/22	02/05/22
1,2-Dichlorobenzene	ND		6	ug/kg	02/04/22	02/05/22
1,3-Dichlorobenzene	ND		6	ug/kg	02/04/22	02/05/22
1,4-Dichlorobenzene	ND		6	ug/kg	02/04/22	02/05/22
1,1-Dichloroethane	ND		6	ug/kg	02/04/22	02/05/22
1,2-Dichloroethane	ND		6	ug/kg	02/04/22	02/05/22
trans-1,2-Dichloroethene	ND		6	ug/kg	02/04/22	02/05/22
cis-1,2-Dichloroethene	ND		6	ug/kg	02/04/22	02/05/22
1,1-Dichloroethene	ND		6	ug/kg	02/04/22	02/05/22
1,2-Dichloropropane	ND		6	ug/kg	02/04/22	02/05/22
2,2-Dichloropropane	ND		6	ug/kg	02/04/22	02/05/22
cis-1,3-Dichloropropene	ND		6	ug/kg	02/04/22	02/05/22
trans-1,3-Dichloropropene	ND		6	ug/kg	02/04/22	02/05/22
1,1-Dichloropropene	ND		6	ug/kg	02/04/22	02/05/22
1,3-Dichloropropene (cis + trans)	ND		6	ug/kg	02/04/22	02/05/22
Diethyl ether	ND		6	ug/kg	02/04/22	02/05/22
1,4-Dioxane	ND		128	ug/kg	02/04/22	02/05/22
Ethylbenzene	ND		6	ug/kg	02/04/22	02/05/22
Hexachlorobutadiene	ND		6	ug/kg	02/04/22	02/05/22
2-Hexanone	ND		6	ug/kg	02/04/22	02/05/22
Isopropylbenzene	ND		6	ug/kg	02/04/22	02/05/22
p-Isopropyltoluene	ND		6	ug/kg	02/04/22	02/05/22
Methylene Chloride	ND		6	ug/kg	02/04/22	02/05/22
4-Methyl-2-pentanone	ND		6	ug/kg	02/04/22	02/05/22



## Results: Volatile Organic Compounds (Continued)

**Sample: TP-21 Fill B 44" (Continued)**

**Lab Number: 2B03031-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		6	ug/kg	02/04/22	02/05/22
n-Propylbenzene	ND		6	ug/kg	02/04/22	02/05/22
Styrene	ND		6	ug/kg	02/04/22	02/05/22
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/04/22	02/05/22
Tetrachloroethene	ND		6	ug/kg	02/04/22	02/05/22
Tetrahydrofuran	ND		6	ug/kg	02/04/22	02/05/22
Toluene	ND		6	ug/kg	02/04/22	02/05/22
1,2,4-Trichlorobenzene	ND		6	ug/kg	02/04/22	02/05/22
1,2,3-Trichlorobenzene	ND		6	ug/kg	02/04/22	02/05/22
1,1,2-Trichloroethane	ND		6	ug/kg	02/04/22	02/05/22
1,1,1-Trichloroethane	ND		6	ug/kg	02/04/22	02/05/22
Trichloroethene	ND		6	ug/kg	02/04/22	02/05/22
1,2,3-Trichloropropane	ND		6	ug/kg	02/04/22	02/05/22
1,3,5-Trimethylbenzene	ND		6	ug/kg	02/04/22	02/05/22
1,2,4-Trimethylbenzene	ND		6	ug/kg	02/04/22	02/05/22
Vinyl Chloride	ND		6	ug/kg	02/04/22	02/05/22
o-Xylene	ND		6	ug/kg	02/04/22	02/05/22
m&p-Xylene	ND		13	ug/kg	02/04/22	02/05/22
Total xylenes	ND		6	ug/kg	02/04/22	02/05/22
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/04/22	02/05/22
tert-Amyl methyl ether	ND		6	ug/kg	02/04/22	02/05/22
1,3-Dichloropropane	ND		6	ug/kg	02/04/22	02/05/22
Ethyl tert-butyl ether	ND		6	ug/kg	02/04/22	02/05/22
Diisopropyl ether	ND		6	ug/kg	02/04/22	02/05/22
Trichlorofluoromethane	ND		6	ug/kg	02/04/22	02/05/22
Dichlorodifluoromethane	ND		6	ug/kg	02/04/22	02/05/22
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>90.7%</i>		<i>70-130</i>		<i>02/04/22</i>	<i>02/05/22</i>
<i>1,2-Dichloroethane-d4</i>	<i>102%</i>		<i>70-130</i>		<i>02/04/22</i>	<i>02/05/22</i>
<i>Toluene-d8</i>	<i>95.3%</i>		<i>70-130</i>		<i>02/04/22</i>	<i>02/05/22</i>

## Results: Semivolatile organic compounds

**Sample: TP-21 Fill A 17"**

**Lab Number: 2B03031-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		144	ug/kg	02/07/22	02/09/22
1,2-Dichlorobenzene	ND		144	ug/kg	02/07/22	02/09/22
1,3-Dichlorobenzene	ND		144	ug/kg	02/07/22	02/09/22
1,4-Dichlorobenzene	ND		144	ug/kg	02/07/22	02/09/22
Phenol	ND		144	ug/kg	02/07/22	02/09/22
2,4,5-Trichlorophenol	ND		144	ug/kg	02/07/22	02/09/22
2,4,6-Trichlorophenol	ND		144	ug/kg	02/07/22	02/09/22
2,4-Dichlorophenol	ND		144	ug/kg	02/07/22	02/09/22
2,4-Dimethylphenol	ND		367	ug/kg	02/07/22	02/09/22
2,4-Dinitrophenol	ND		367	ug/kg	02/07/22	02/09/22
2,4-Dinitrotoluene	ND		144	ug/kg	02/07/22	02/09/22
2,6-Dinitrotoluene	ND		144	ug/kg	02/07/22	02/09/22
2-Chloronaphthalene	ND		144	ug/kg	02/07/22	02/09/22
2-Chlorophenol	ND		144	ug/kg	02/07/22	02/09/22
2-Methylnaphthalene	ND		144	ug/kg	02/07/22	02/09/22
Nitrobenzene	ND		144	ug/kg	02/07/22	02/09/22
2-Methylphenol	ND		144	ug/kg	02/07/22	02/09/22
2-Nitroaniline	ND		144	ug/kg	02/07/22	02/09/22
2-Nitrophenol	ND		367	ug/kg	02/07/22	02/09/22
3,3'-Dichlorobenzidine	ND		367	ug/kg	02/07/22	02/09/22
3-Nitroaniline	ND		144	ug/kg	02/07/22	02/09/22
4,6-Dinitro-2-methylphenol	ND		367	ug/kg	02/07/22	02/09/22
4-Bromophenyl phenyl ether	ND		144	ug/kg	02/07/22	02/09/22
4-Chloro-3-methylphenol	ND		144	ug/kg	02/07/22	02/09/22
4-Chloroaniline	ND		144	ug/kg	02/07/22	02/09/22
4-Chlorophenyl phenyl ether	ND		144	ug/kg	02/07/22	02/09/22
4-Nitroaniline	ND		144	ug/kg	02/07/22	02/09/22
4-Nitrophenol	ND		367	ug/kg	02/07/22	02/09/22
Acenaphthene	ND		144	ug/kg	02/07/22	02/09/22
<b>Acenaphthylene</b>	<b>178</b>		144	ug/kg	02/07/22	02/09/22
Aniline	ND		144	ug/kg	02/07/22	02/09/22
<b>Anthracene</b>	<b>173</b>		144	ug/kg	02/07/22	02/09/22
<b>Benzo(a)anthracene</b>	<b>1260</b>		144	ug/kg	02/07/22	02/09/22
<b>Benzo(a)pyrene</b>	<b>1370</b>		144	ug/kg	02/07/22	02/09/22
<b>Benzo(b)fluoranthene</b>	<b>1960</b>		144	ug/kg	02/07/22	02/09/22
<b>Benzo(g,h,i)perylene</b>	<b>979</b>		144	ug/kg	02/07/22	02/09/22
<b>Benzo(k)fluoranthene</b>	<b>762</b>		144	ug/kg	02/07/22	02/09/22
Benzoic acid	ND		1110	ug/kg	02/07/22	02/09/22
Biphenyl	ND		44	ug/kg	02/07/22	02/09/22
Bis(2-chloroethoxy)methane	ND		144	ug/kg	02/07/22	02/09/22
Bis(2-chloroethyl)ether	ND		144	ug/kg	02/07/22	02/09/22
Bis(2-chloroisopropyl)ether	ND		144	ug/kg	02/07/22	02/09/22
Bis(2-ethylhexyl)phthalate	ND		444	ug/kg	02/07/22	02/09/22
Butyl benzyl phthalate	ND		144	ug/kg	02/07/22	02/09/22
<b>Chrysene</b>	<b>1400</b>		144	ug/kg	02/07/22	02/09/22
Di(n)octyl phthalate	ND		222	ug/kg	02/07/22	02/09/22
<b>Dibenz(a,h)anthracene</b>	<b>253</b>		144	ug/kg	02/07/22	02/09/22
Dibenzofuran	ND		144	ug/kg	02/07/22	02/09/22

## Results: Semivolatile organic compounds (Continued)

**Sample: TP-21 Fill A 17" (Continued)**

**Lab Number: 2B03031-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		144	ug/kg	02/07/22	02/09/22
Dimethyl phthalate	ND		367	ug/kg	02/07/22	02/09/22
Di-n-butylphthalate	ND		222	ug/kg	02/07/22	02/09/22
<b>Fluoranthene</b>	<b>2010</b>		144	ug/kg	02/07/22	02/09/22
Fluorene	ND		144	ug/kg	02/07/22	02/09/22
Hexachlorobenzene	ND		144	ug/kg	02/07/22	02/09/22
Hexachlorobutadiene	ND		144	ug/kg	02/07/22	02/09/22
Hexachlorocyclopentadiene	ND		367	ug/kg	02/07/22	02/09/22
Hexachloroethane	ND		144	ug/kg	02/07/22	02/09/22
<b>Indeno(1,2,3-cd)pyrene</b>	<b>1050</b>		144	ug/kg	02/07/22	02/09/22
Isophorone	ND		144	ug/kg	02/07/22	02/09/22
Naphthalene	ND		144	ug/kg	02/07/22	02/09/22
N-Nitrosodimethylamine	ND		144	ug/kg	02/07/22	02/09/22
N-Nitrosodi-n-propylamine	ND		144	ug/kg	02/07/22	02/09/22
N-Nitrosodiphenylamine	ND		144	ug/kg	02/07/22	02/09/22
Pentachlorophenol	ND		367	ug/kg	02/07/22	02/09/22
<b>Phenanthrene</b>	<b>716</b>		144	ug/kg	02/07/22	02/09/22
<b>Pyrene</b>	<b>2100</b>		144	ug/kg	02/07/22	02/09/22
m&p-Cresol	ND		289	ug/kg	02/07/22	02/09/22
Pyridine	ND		144	ug/kg	02/07/22	02/09/22
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	85.2%		30-126		02/07/22	02/09/22
<i>p-Terphenyl-d14</i>	105%		47-130		02/07/22	02/09/22
<i>2-Fluorobiphenyl</i>	85.7%		34-130		02/07/22	02/09/22
<i>Phenol-d6</i>	78.7%		30-130		02/07/22	02/09/22
<i>2,4,6-Tribromophenol</i>	95.5%		30-130		02/07/22	02/09/22
<i>2-Fluorophenol</i>	79.8%		30-130		02/07/22	02/09/22

## Results: Semivolatile organic compounds

**Sample: TP-21 Fill B 44"**

**Lab Number: 2B03031-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
1,2,4-Trichlorobenzene	ND		143	ug/kg	02/07/22	02/09/22
1,2-Dichlorobenzene	ND		143	ug/kg	02/07/22	02/09/22
1,3-Dichlorobenzene	ND		143	ug/kg	02/07/22	02/09/22
1,4-Dichlorobenzene	ND		143	ug/kg	02/07/22	02/09/22
Phenol	ND		143	ug/kg	02/07/22	02/09/22
2,4,5-Trichlorophenol	ND		143	ug/kg	02/07/22	02/09/22
2,4,6-Trichlorophenol	ND		143	ug/kg	02/07/22	02/09/22
2,4-Dichlorophenol	ND		143	ug/kg	02/07/22	02/09/22
2,4-Dimethylphenol	ND		364	ug/kg	02/07/22	02/09/22
2,4-Dinitrophenol	ND		364	ug/kg	02/07/22	02/09/22
2,4-Dinitrotoluene	ND		143	ug/kg	02/07/22	02/09/22
2,6-Dinitrotoluene	ND		143	ug/kg	02/07/22	02/09/22
2-Chloronaphthalene	ND		143	ug/kg	02/07/22	02/09/22
2-Chlorophenol	ND		143	ug/kg	02/07/22	02/09/22
<b>2-Methylnaphthalene</b>	<b>190</b>		143	ug/kg	02/07/22	02/09/22
Nitrobenzene	ND		143	ug/kg	02/07/22	02/09/22
2-Methylphenol	ND		143	ug/kg	02/07/22	02/09/22
2-Nitroaniline	ND		143	ug/kg	02/07/22	02/09/22
2-Nitrophenol	ND		364	ug/kg	02/07/22	02/09/22
3,3'-Dichlorobenzidine	ND		364	ug/kg	02/07/22	02/09/22
3-Nitroaniline	ND		143	ug/kg	02/07/22	02/09/22
4,6-Dinitro-2-methylphenol	ND		364	ug/kg	02/07/22	02/09/22
4-Bromophenyl phenyl ether	ND		143	ug/kg	02/07/22	02/09/22
4-Chloro-3-methylphenol	ND		143	ug/kg	02/07/22	02/09/22
4-Chloroaniline	ND		143	ug/kg	02/07/22	02/09/22
4-Chlorophenyl phenyl ether	ND		143	ug/kg	02/07/22	02/09/22
4-Nitroaniline	ND		143	ug/kg	02/07/22	02/09/22
4-Nitrophenol	ND		364	ug/kg	02/07/22	02/09/22
Acenaphthene	ND		143	ug/kg	02/07/22	02/09/22
Acenaphthylene	ND		143	ug/kg	02/07/22	02/09/22
Aniline	ND		143	ug/kg	02/07/22	02/09/22
Anthracene	ND		143	ug/kg	02/07/22	02/09/22
<b>Benzo(a)anthracene</b>	<b>365</b>		143	ug/kg	02/07/22	02/09/22
<b>Benzo(a)pyrene</b>	<b>464</b>		143	ug/kg	02/07/22	02/09/22
<b>Benzo(b)fluoranthene</b>	<b>586</b>		143	ug/kg	02/07/22	02/09/22
<b>Benzo(g,h,i)perylene</b>	<b>440</b>		143	ug/kg	02/07/22	02/09/22
<b>Benzo(k)fluoranthene</b>	<b>218</b>		143	ug/kg	02/07/22	02/09/22
Benzoic acid	ND		1100	ug/kg	02/07/22	02/09/22
<b>Biphenyl</b>	<b>48</b>		44	ug/kg	02/07/22	02/09/22
Bis(2-chloroethoxy)methane	ND		143	ug/kg	02/07/22	02/09/22
Bis(2-chloroethyl)ether	ND		143	ug/kg	02/07/22	02/09/22
Bis(2-chloroisopropyl)ether	ND		143	ug/kg	02/07/22	02/09/22
Bis(2-ethylhexyl)phthalate	ND		441	ug/kg	02/07/22	02/09/22
Butyl benzyl phthalate	ND		143	ug/kg	02/07/22	02/09/22
<b>Chrysene</b>	<b>427</b>		143	ug/kg	02/07/22	02/09/22
Di(n)octyl phthalate	ND		221	ug/kg	02/07/22	02/09/22
Dibenz(a,h)anthracene	ND		143	ug/kg	02/07/22	02/09/22
Dibenzofuran	ND		143	ug/kg	02/07/22	02/09/22

## Results: Semivolatile organic compounds (Continued)

**Sample: TP-21 Fill B 44" (Continued)**

**Lab Number: 2B03031-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Diethyl phthalate	ND		143	ug/kg	02/07/22	02/09/22
Dimethyl phthalate	ND		364	ug/kg	02/07/22	02/09/22
Di-n-butylphthalate	ND		221	ug/kg	02/07/22	02/09/22
<b>Fluoranthene</b>	<b>593</b>		143	ug/kg	02/07/22	02/09/22
Fluorene	ND		143	ug/kg	02/07/22	02/09/22
Hexachlorobenzene	ND		143	ug/kg	02/07/22	02/09/22
Hexachlorobutadiene	ND		143	ug/kg	02/07/22	02/09/22
Hexachlorocyclopentadiene	ND		364	ug/kg	02/07/22	02/09/22
Hexachloroethane	ND		143	ug/kg	02/07/22	02/09/22
<b>Indeno(1,2,3-cd)pyrene</b>	<b>447</b>		143	ug/kg	02/07/22	02/09/22
Isophorone	ND		143	ug/kg	02/07/22	02/09/22
Naphthalene	ND		143	ug/kg	02/07/22	02/09/22
N-Nitrosodimethylamine	ND		143	ug/kg	02/07/22	02/09/22
N-Nitrosodi-n-propylamine	ND		143	ug/kg	02/07/22	02/09/22
N-Nitrosodiphenylamine	ND		143	ug/kg	02/07/22	02/09/22
Pentachlorophenol	ND		364	ug/kg	02/07/22	02/09/22
<b>Phenanthrene</b>	<b>307</b>		143	ug/kg	02/07/22	02/09/22
<b>Pyrene</b>	<b>662</b>		143	ug/kg	02/07/22	02/09/22
m&p-Cresol	ND		287	ug/kg	02/07/22	02/09/22
Pyridine	ND		143	ug/kg	02/07/22	02/09/22
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	71.7%		30-126		02/07/22	02/09/22
<i>p-Terphenyl-d14</i>	105%		47-130		02/07/22	02/09/22
<i>2-Fluorobiphenyl</i>	83.3%		34-130		02/07/22	02/09/22
<i>Phenol-d6</i>	77.4%		30-130		02/07/22	02/09/22
<i>2,4,6-Tribromophenol</i>	97.8%		30-130		02/07/22	02/09/22
<i>2-Fluorophenol</i>	71.8%		30-130		02/07/22	02/09/22

## Results: Polychlorinated Biphenyls (PCBs)

**Sample: TP-21 Fill A 17"**

**Lab Number: 2B03031-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		75	ug/kg	02/04/22	02/04/22
Aroclor-1221	ND		75	ug/kg	02/04/22	02/04/22
Aroclor-1232	ND		75	ug/kg	02/04/22	02/04/22
Aroclor-1242	ND		75	ug/kg	02/04/22	02/04/22
Aroclor-1248	ND		75	ug/kg	02/04/22	02/04/22
Aroclor-1254	ND		75	ug/kg	02/04/22	02/04/22
Aroclor-1260	ND		75	ug/kg	02/04/22	02/04/22
Aroclor-1262	ND		75	ug/kg	02/04/22	02/04/22
Aroclor-1268	ND		75	ug/kg	02/04/22	02/04/22
PCBs (Total)	ND		75	ug/kg	02/04/22	02/04/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	78.4%		36.2-130		02/04/22	02/04/22
<i>Decachlorobiphenyl (DCBP)</i>	65.2%		43.3-130		02/04/22	02/04/22

## Results: Polychlorinated Biphenyls (PCBs)

**Sample: TP-21 Fill B 44"**

**Lab Number: 2B03031-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		74	ug/kg	02/04/22	02/04/22
Aroclor-1221	ND		74	ug/kg	02/04/22	02/04/22
Aroclor-1232	ND		74	ug/kg	02/04/22	02/04/22
Aroclor-1242	ND		74	ug/kg	02/04/22	02/04/22
Aroclor-1248	ND		74	ug/kg	02/04/22	02/04/22
Aroclor-1254	ND		74	ug/kg	02/04/22	02/04/22
<b>Aroclor-1260</b>	<b>90</b>		74	ug/kg	02/04/22	02/04/22
Aroclor-1262	ND		74	ug/kg	02/04/22	02/04/22
Aroclor-1268	ND		74	ug/kg	02/04/22	02/04/22
<b>PCBs (Total)</b>	<b>90</b>		74	ug/kg	02/04/22	02/04/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	57.9%		36.2-130		02/04/22	02/04/22
<i>Decachlorobiphenyl (DCBP)</i>	80.3%		43.3-130		02/04/22	02/04/22

**Results: Total Petroleum Hydrocarbons****Sample: TP-21 Fill A 17"****Lab Number: 2B03031-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
<b>Total Petroleum Hydrocarbons</b>	<b>150</b>		31	mg/kg	02/07/22	02/09/22
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>74.8%</i>		<i>56.5-114</i>		02/07/22	02/09/22



**Results: Total Petroleum Hydrocarbons****Sample: TP-21 Fill B 44"****Lab Number: 2B03031-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
<b>Total Petroleum Hydrocarbons</b>	<b>529</b>		30	mg/kg	02/07/22	02/09/22
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>71.1%</i>		<i>56.5-114</i>		02/07/22	02/09/22

### Results: TCLP Metals

**Sample: TP-21 Fill A 17"**  
**Lab Number: 2B03031-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Lead	0.059		0.025	mg/L	02/10/22	02/10/22

### Results: TCLP Metals

**Sample: TP-21 Fill B 44"**  
**Lab Number: 2B03031-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Lead	2.40		0.025	mg/L	02/10/22	02/10/22

## Quality Control

### General Chemistry

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0246 - Flashpoint-EPA 1010A-Mod</b>										
<b>LCS (B2B0246-BS1)</b>										
Flashpoint	81		70	degrees F	80.0		101	90-110		
Prepared & Analyzed: 02/04/22										
<b>Duplicate (B2B0246-DUP1)</b>										
Flashpoint	ND		70	degrees F						20
Source: 2A31005-01 Prepared & Analyzed: 02/04/22										
<b>Batch: B2B0259 - Conductivity</b>										
<b>Blank (B2B0259-BLK1)</b>										
Specific Conductance	ND		2.0	uS/cm						
Prepared & Analyzed: 02/07/22										
<b>Duplicate (B2B0259-DUP1)</b>										
Specific Conductance	9.3		2.0	uS/cm			6.2		40.5	200
Source: 2B03031-01 Prepared & Analyzed: 02/07/22										
<b>Batch: B2B0410 - pH</b>										
<b>LCS (B2B0410-BS1)</b>										
pH	7.1			SU	7.00		101	0-200		
Prepared & Analyzed: 02/08/22										
<b>LCS (B2B0410-BS2)</b>										
pH	7.1			SU	7.00		101	0-200		
Prepared & Analyzed: 02/08/22										
<b>Duplicate (B2B0410-DUP1)</b>										
pH	6.7			SU			6.6		1.51	200
Source: 2B03031-01 Prepared & Analyzed: 02/08/22										
<b>Batch: B2B0491 - Flashpoint-EPA 1010A-Mod</b>										
<b>LCS (B2B0491-BS1)</b>										
Flashpoint	84		70	degrees F	80.0		105	90-110		
Prepared & Analyzed: 02/10/22										

**Quality Control**  
(Continued)

**General Chemistry (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0491 - Flashpoint-EPA 1010A-Mod (Continued)</b>										
<b>Duplicate (B2B0491-DUP1)</b>			Source: 2B03031-02			Prepared & Analyzed: 02/10/22				
Flashpoint	> 200		70	degrees F		> 200				20

**Quality Control**  
(Continued)

**Total Metals**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0225 - Metals Digestion Soils</b>										
<b>Blank (B2B0225-BLK1)</b>					Prepared: 02/04/22 Analyzed: 02/08/22					
Silver	ND		1.00	mg/kg						
Barium	ND		0.33	mg/kg						
Cadmium	ND		0.50	mg/kg						
Lead	ND		0.50	mg/kg						
Arsenic	ND		1.00	mg/kg						
Chromium	ND		0.50	mg/kg						
Selenium	ND		1.00	mg/kg						
<b>LCS (B2B0225-BS1)</b>										
					Prepared: 02/04/22 Analyzed: 02/08/22					
Lead	100		0.50	mg/kg	100		100	85-115		
Selenium	20.6		1.00	mg/kg	20.0		103	85-115		
Cadmium	104		0.50	mg/kg	100		104	85-115		
Barium	102		0.33	mg/kg	100		102	85-115		
Arsenic	21.3		1.00	mg/kg	20.0		106	85-115		
Chromium	100		0.50	mg/kg	100		100	85-115		
Silver	40.7		1.00	mg/kg	40.0		102	85-115		
<b>Batch: B2B0295 - Metals Cold-Vapor Mercury</b>										
<b>Blank (B2B0295-BLK1)</b>					Prepared: 02/07/22 Analyzed: 02/08/22					
Mercury	ND		0.035	mg/kg						
<b>LCS (B2B0295-BS1)</b>										
					Prepared: 02/07/22 Analyzed: 02/08/22					
Mercury	0.071		0.035	mg/kg	0.0714		99.4	93-114		
<b>Batch: B2B0425 - Metals Cold-Vapor Mercury</b>										
<b>Blank (B2B0425-BLK1)</b>					Prepared: 02/09/22 Analyzed: 02/10/22					
Mercury	ND		0.035	mg/kg						

**Quality Control**  
**(Continued)**

**Total Metals (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0425 - Metals Cold-Vapor Mercury (Continued)</b>										
<b>LCS (B2B0425-BS1)</b>										
Mercury	0.071		0.035	mg/kg	0.0714		99.6	93-114		

**Quality Control**  
(Continued)

**Volatile Organic Compounds**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0269 - EPA 5035</b>										
<b>Blank (B2B0269-BLK1)</b>					Prepared & Analyzed: 02/04/22					
Acetone	ND		5	ug/kg						
Benzene	ND		5	ug/kg						
Bromobenzene	ND		5	ug/kg						
Bromochloromethane	ND		5	ug/kg						
Bromodichloromethane	ND		5	ug/kg						
Bromoform	ND		5	ug/kg						
Bromomethane	ND		5	ug/kg						
2-Butanone	ND		5	ug/kg						
tert-Butyl alcohol	ND		5	ug/kg						
sec-Butylbenzene	ND		5	ug/kg						
n-Butylbenzene	ND		5	ug/kg						
tert-Butylbenzene	ND		5	ug/kg						
Methyl t-butyl ether (MTBE)	ND		5	ug/kg						
Carbon Disulfide	ND		5	ug/kg						
Carbon Tetrachloride	ND		5	ug/kg						
Chlorobenzene	ND		5	ug/kg						
Chloroethane	ND		5	ug/kg						
Chloroform	ND		5	ug/kg						
Chloromethane	ND		5	ug/kg						
4-Chlorotoluene	ND		5	ug/kg						
2-Chlorotoluene	ND		5	ug/kg						
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg						
Dibromochloromethane	ND		5	ug/kg						
1,2-Dibromoethane (EDB)	ND		5	ug/kg						
Dibromomethane	ND		5	ug/kg						
1,2-Dichlorobenzene	ND		5	ug/kg						
1,3-Dichlorobenzene	ND		5	ug/kg						
1,4-Dichlorobenzene	ND		5	ug/kg						
1,1-Dichloroethane	ND		5	ug/kg						
1,2-Dichloroethane	ND		5	ug/kg						
trans-1,2-Dichloroethene	ND		5	ug/kg						
cis-1,2-Dichloroethene	ND		5	ug/kg						
1,1-Dichloroethene	ND		5	ug/kg						
1,2-Dichloropropane	ND		5	ug/kg						
2,2-Dichloropropane	ND		5	ug/kg						
cis-1,3-Dichloropropene	ND		5	ug/kg						
trans-1,3-Dichloropropene	ND		5	ug/kg						
1,1-Dichloropropene	ND		5	ug/kg						
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg						
Diethyl ether	ND		5	ug/kg						
1,4-Dioxane	ND		100	ug/kg						
Ethylbenzene	ND		5	ug/kg						
Hexachlorobutadiene	ND		5	ug/kg						
2-Hexanone	ND		5	ug/kg						
Isopropylbenzene	ND		5	ug/kg						
p-Isopropyltoluene	ND		5	ug/kg						
Methylene Chloride	ND		5	ug/kg						
4-Methyl-2-pentanone	ND		5	ug/kg						
Naphthalene	ND		5	ug/kg						
n-Propylbenzene	ND		5	ug/kg						
Styrene	ND		5	ug/kg						
1,1,1,2-Tetrachloroethane	ND		5	ug/kg						
Tetrachloroethene	ND		5	ug/kg						
Tetrahydrofuran	ND		5	ug/kg						
Toluene	ND		5	ug/kg						
1,2,4-Trichlorobenzene	ND		5	ug/kg						
1,2,3-Trichlorobenzene	ND		5	ug/kg						



**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0269 - EPA 5035 (Continued)</b>										
<b>Blank (B2B0269-BLK1)</b>					Prepared & Analyzed: 02/04/22					
1,1,2-Trichloroethane	ND		5	ug/kg						
1,1,1-Trichloroethane	ND		5	ug/kg						
Trichloroethene	ND		5	ug/kg						
1,2,3-Trichloropropane	ND		5	ug/kg						
1,3,5-Trimethylbenzene	ND		5	ug/kg						
1,2,4-Trimethylbenzene	ND		5	ug/kg						
Vinyl Chloride	ND		5	ug/kg						
o-Xylene	ND		5	ug/kg						
m&p-Xylene	ND		10	ug/kg						
Total xylenes	ND		5	ug/kg						
1,1,2,2-Tetrachloroethane	ND		5	ug/kg						
tert-Amyl methyl ether	ND		5	ug/kg						
1,3-Dichloropropane	ND		5	ug/kg						
Ethyl tert-butyl ether	ND		5	ug/kg						
Diisopropyl ether	ND		5	ug/kg						
Trichlorofluoromethane	ND		5	ug/kg						
Dichlorodifluoromethane	ND		5	ug/kg						
<hr/>										
<i>Surrogate: 4-Bromofluorobenzene</i>			<i>48.9</i>	<i>ug/kg</i>	<i>50.0</i>		<i>97.9</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>50.3</i>	<i>ug/kg</i>	<i>50.0</i>		<i>101</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>49.0</i>	<i>ug/kg</i>	<i>50.0</i>		<i>98.0</i>	<i>70-130</i>		
<hr/>										
<b>LCS (B2B0269-BS1)</b>					Prepared & Analyzed: 02/04/22					
Acetone	56			ug/kg	50.0		112	60-140		
Benzene	52			ug/kg	50.0		103	70-130		
Bromobenzene	53			ug/kg	50.0		105	70-130		
Bromochloromethane	50			ug/kg	50.0		99.1	70-130		
Bromodichloromethane	52			ug/kg	50.0		103	70-130		
Bromoform	52			ug/kg	50.0		105	70-130		
Bromomethane	42			ug/kg	50.0		83.6	60-140		
2-Butanone	57			ug/kg	50.0		113	60-140		
tert-Butyl alcohol	51			ug/kg	50.0		102	70-130		
sec-Butylbenzene	54			ug/kg	50.0		107	70-130		
n-Butylbenzene	56			ug/kg	50.0		111	70-130		
tert-Butylbenzene	54			ug/kg	50.0		107	70-130		
Methyl t-butyl ether (MTBE)	43			ug/kg	50.0		86.8	70-130		
Carbon Disulfide	48			ug/kg	50.0		95.9	50-150		
Carbon Tetrachloride	52			ug/kg	50.0		103	70-130		
Chlorobenzene	52			ug/kg	50.0		104	70-130		
Chloroethane	41			ug/kg	50.0		82.3	60-140		
Chloroform	51			ug/kg	50.0		102	70-130		
Chloromethane	49			ug/kg	50.0		97.5	60-140		
4-Chlorotoluene	53			ug/kg	50.0		107	70-130		
2-Chlorotoluene	53			ug/kg	50.0		107	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	52			ug/kg	50.0		104	70-130		
Dibromochloromethane	51			ug/kg	50.0		102	70-130		
1,2-Dibromoethane (EDB)	52			ug/kg	50.0		104	70-130		
Dibromomethane	49			ug/kg	50.0		98.8	60-140		
1,2-Dichlorobenzene	53			ug/kg	50.0		107	70-130		
1,3-Dichlorobenzene	54			ug/kg	50.0		109	70-130		
1,4-Dichlorobenzene	53			ug/kg	50.0		106	70-130		
1,1-Dichloroethane	52			ug/kg	50.0		105	70-130		
1,2-Dichloroethane	51			ug/kg	50.0		101	70-130		
trans-1,2-Dichloroethene	55			ug/kg	50.0		109	70-130		
cis-1,2-Dichloroethene	56			ug/kg	50.0		112	70-130		
1,1-Dichloroethene	55			ug/kg	50.0		109	70-130		
1,2-Dichloropropane	51			ug/kg	50.0		103	70-130		
2,2-Dichloropropane	54			ug/kg	50.0		108	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0269 - EPA 5035 (Continued)</b>										
<b>LCS (B2B0269-BS1)</b>					Prepared & Analyzed: 02/04/22					
cis-1,3-Dichloropropene	52			ug/kg	50.0		103	70-130		
trans-1,3-Dichloropropene	53			ug/kg	50.0		106	70-130		
1,1-Dichloropropene	55			ug/kg	50.0		110	70-130		
Diethyl ether	44			ug/kg	50.0		88.4	60-140		
1,4-Dioxane	221			ug/kg	250		88.5	0-200		
Ethylbenzene	52			ug/kg	50.0		104	70-130		
Hexachlorobutadiene	55			ug/kg	50.0		109	70-130		
2-Hexanone	49			ug/kg	50.0		98.4	70-130		
Isopropylbenzene	53			ug/kg	50.0		106	70-130		
p-Isopropyltoluene	55			ug/kg	50.0		110	70-130		
Methylene Chloride	24			ug/kg	50.0		47.2	60-140		
4-Methyl-2-pentanone	46			ug/kg	50.0		92.6	70-130		
Naphthalene	52			ug/kg	50.0		105	70-130		
n-Propylbenzene	54			ug/kg	50.0		108	70-130		
Styrene	54			ug/kg	50.0		107	70-130		
1,1,1,2-Tetrachloroethane	53			ug/kg	50.0		105	70-130		
Tetrachloroethene	54			ug/kg	50.0		108	70-130		
Tetrahydrofuran	48			ug/kg	50.0		95.8	50-150		
Toluene	51			ug/kg	50.0		103	70-130		
1,2,4-Trichlorobenzene	56			ug/kg	50.0		112	70-130		
1,2,3-Trichlorobenzene	54			ug/kg	50.0		108	70-130		
1,1,2-Trichloroethane	51			ug/kg	50.0		101	70-130		
1,1,1-Trichloroethane	52			ug/kg	50.0		103	70-130		
Trichloroethene	52			ug/kg	50.0		103	70-130		
1,2,3-Trichloropropane	51			ug/kg	50.0		103	70-130		
1,3,5-Trimethylbenzene	54			ug/kg	50.0		108	70-130		
1,2,4-Trimethylbenzene	54			ug/kg	50.0		108	70-130		
Vinyl Chloride	49			ug/kg	50.0		98.9	60-140		
o-Xylene	53			ug/kg	50.0		107	70-130		
m&p-Xylene	107			ug/kg	100		107	70-130		
1,1,1,2-Tetrachloroethane	50			ug/kg	50.0		99.7	70-130		
tert-Amyl methyl ether	46			ug/kg	50.0		92.4	70-130		
1,3-Dichloropropane	51			ug/kg	50.0		102	70-130		
Ethyl tert-butyl ether	47			ug/kg	50.0		94.0	70-130		
Trichlorofluoromethane	47			ug/kg	50.0		94.3	70-130		
Dichlorodifluoromethane	47			ug/kg	50.0		93.1	60-140		
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Surrogate: 4-Bromofluorobenzene			50.0	ug/kg	50.0		100	70-130		
Surrogate: 1,2-Dichloroethane-d4			53.0	ug/kg	50.0		106	70-130		
Surrogate: Toluene-d8			49.2	ug/kg	50.0		98.3	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0269 - EPA 5035 (Continued)</b>					Prepared & Analyzed: 02/04/22					
<b>LCS Dup (B2B0269-BSD1)</b>										
Acetone	56			ug/kg	50.0		112	60-140	0.768	30
Benzene	57			ug/kg	50.0		113	70-130	9.50	20
Bromobenzene	57			ug/kg	50.0		114	70-130	8.17	20
Bromochloromethane	56			ug/kg	50.0		112	70-130	12.0	20
Bromodichloromethane	56			ug/kg	50.0		111	70-130	7.49	20
Bromoform	56			ug/kg	50.0		112	70-130	6.81	20
Bromomethane	49			ug/kg	50.0		97.8	60-140	15.7	30
2-Butanone	54			ug/kg	50.0		108	60-140	4.24	30
tert-Butyl alcohol	49			ug/kg	50.0		97.2	70-130	4.39	20
sec-Butylbenzene	59			ug/kg	50.0		118	70-130	9.40	20
n-Butylbenzene	60			ug/kg	50.0		120	70-130	7.86	20
tert-Butylbenzene	59			ug/kg	50.0		117	70-130	8.81	20
Methyl t-butyl ether (MTBE)	46			ug/kg	50.0		92.9	70-130	6.84	20
Carbon Disulfide	53			ug/kg	50.0		107	50-150	10.9	40
Carbon Tetrachloride	57			ug/kg	50.0		114	70-130	9.83	20
Chlorobenzene	58			ug/kg	50.0		115	70-130	10.4	20
Chloroethane	40			ug/kg	50.0		80.4	60-140	2.24	30
Chloroform	57			ug/kg	50.0		114	70-130	11.1	20
Chloromethane	49			ug/kg	50.0		97.9	60-140	0.348	30
4-Chlorotoluene	58			ug/kg	50.0		116	70-130	8.11	20
2-Chlorotoluene	57			ug/kg	50.0		115	70-130	7.62	20
1,2-Dibromo-3-chloropropane (DBCP)	55			ug/kg	50.0		109	70-130	5.18	20
Dibromochloromethane	55			ug/kg	50.0		110	70-130	7.39	20
1,2-Dibromoethane (EDB)	55			ug/kg	50.0		109	70-130	4.94	20
Dibromomethane	54			ug/kg	50.0		108	60-140	9.38	30
1,2-Dichlorobenzene	56			ug/kg	50.0		113	70-130	5.72	20
1,3-Dichlorobenzene	58			ug/kg	50.0		116	70-130	6.21	20
1,4-Dichlorobenzene	57			ug/kg	50.0		113	70-130	6.88	20
1,1-Dichloroethane	57			ug/kg	50.0		115	70-130	9.03	20
1,2-Dichloroethane	54			ug/kg	50.0		107	70-130	6.06	20
trans-1,2-Dichloroethene	60			ug/kg	50.0		121	70-130	10.2	20
cis-1,2-Dichloroethene	62			ug/kg	50.0		124	70-130	10.5	20
1,1-Dichloroethene	60			ug/kg	50.0		119	70-130	8.74	20
1,2-Dichloropropane	56			ug/kg	50.0		112	70-130	8.42	20
2,2-Dichloropropane	61			ug/kg	50.0		121	70-130	11.3	20
cis-1,3-Dichloropropene	56			ug/kg	50.0		112	70-130	7.95	20
trans-1,3-Dichloropropene	56			ug/kg	50.0		112	70-130	5.38	20
1,1-Dichloropropene	60			ug/kg	50.0		121	70-130	9.44	20
Diethyl ether	46			ug/kg	50.0		91.6	60-140	3.51	30
1,4-Dioxane	225			ug/kg	250		90.1	0-200	1.73	50
Ethylbenzene	57			ug/kg	50.0		114	70-130	8.65	20
Hexachlorobutadiene	59			ug/kg	50.0		119	70-130	8.32	20
2-Hexanone	50			ug/kg	50.0		101	70-130	2.61	20
Isopropylbenzene	59			ug/kg	50.0		118	70-130	10.7	20
p-Isopropyltoluene	60			ug/kg	50.0		119	70-130	8.11	20
Methylene Chloride	29			ug/kg	50.0		58.1	60-140	20.7	30
4-Methyl-2-pentanone	47			ug/kg	50.0		94.0	70-130	1.52	20
Naphthalene	55			ug/kg	50.0		110	70-130	5.03	20
n-Propylbenzene	59			ug/kg	50.0		117	70-130	8.39	20
Styrene	58			ug/kg	50.0		116	70-130	8.05	20
1,1,1,2-Tetrachloroethane	57			ug/kg	50.0		115	70-130	8.81	20
Tetrachloroethene	59			ug/kg	50.0		117	70-130	7.92	20
Tetrahydrofuran	49			ug/kg	50.0		98.5	50-150	2.70	40
Toluene	57			ug/kg	50.0		114	70-130	10.0	20
1,2,4-Trichlorobenzene	57			ug/kg	50.0		115	70-130	2.79	20
1,2,3-Trichlorobenzene	56			ug/kg	50.0		112	70-130	4.13	20
1,1,2-Trichloroethane	55			ug/kg	50.0		110	70-130	8.81	20

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0269 - EPA 5035 (Continued)</b>										
<b>LCS Dup (B2B0269-BSD1)</b>					Prepared & Analyzed: 02/04/22					
1,1,1-Trichloroethane	57			ug/kg	50.0		113	70-130	9.15	20
Trichloroethene	57			ug/kg	50.0		114	70-130	10.1	20
1,2,3-Trichloropropane	54			ug/kg	50.0		107	70-130	3.89	20
1,3,5-Trimethylbenzene	58			ug/kg	50.0		117	70-130	8.28	20
1,2,4-Trimethylbenzene	59			ug/kg	50.0		118	70-130	8.46	20
Vinyl Chloride	55			ug/kg	50.0		109	60-140	9.75	30
o-Xylene	59			ug/kg	50.0		117	70-130	9.21	20
m&p-Xylene	116			ug/kg	100		116	70-130	8.72	20
1,1,2,2-Tetrachloroethane	53			ug/kg	50.0		107	70-130	6.59	20
tert-Amyl methyl ether	49			ug/kg	50.0		98.1	70-130	5.96	20
1,3-Dichloropropane	55			ug/kg	50.0		109	70-130	6.81	20
Ethyl tert-butyl ether	51			ug/kg	50.0		102	70-130	8.44	20
Trichlorofluoromethane	52			ug/kg	50.0		104	70-130	9.44	20
Dichlorodifluoromethane	51			ug/kg	50.0		101	60-140	8.30	30
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<i>Surrogate: 4-Bromofluorobenzene</i>			<i>51.1</i>	<i>ug/kg</i>	<i>50.0</i>		<i>102</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>53.0</i>	<i>ug/kg</i>	<i>50.0</i>		<i>106</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>49.7</i>	<i>ug/kg</i>	<i>50.0</i>		<i>99.3</i>	<i>70-130</i>		

**Batch: B2B0309 - EPA 5035**

**Blank (B2B0309-BLK1)**

Prepared & Analyzed: 02/07/22

Acetone	ND		5	ug/kg						
Benzene	ND		5	ug/kg						
Bromobenzene	ND		5	ug/kg						
Bromochloromethane	ND		5	ug/kg						
Bromodichloromethane	ND		5	ug/kg						
Bromoform	ND		5	ug/kg						
Bromomethane	ND		5	ug/kg						
2-Butanone	ND		5	ug/kg						
tert-Butyl alcohol	ND		5	ug/kg						
sec-Butylbenzene	ND		5	ug/kg						
n-Butylbenzene	ND		5	ug/kg						
tert-Butylbenzene	ND		5	ug/kg						
Methyl t-butyl ether (MTBE)	ND		5	ug/kg						
Carbon Disulfide	ND		5	ug/kg						
Carbon Tetrachloride	ND		5	ug/kg						
Chlorobenzene	ND		5	ug/kg						
Chloroethane	ND		5	ug/kg						
Chloroform	ND		5	ug/kg						
Chloromethane	ND		5	ug/kg						
4-Chlorotoluene	ND		5	ug/kg						
2-Chlorotoluene	ND		5	ug/kg						
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg						
Dibromochloromethane	ND		5	ug/kg						
1,2-Dibromoethane (EDB)	ND		5	ug/kg						
Dibromomethane	ND		5	ug/kg						
1,2-Dichlorobenzene	ND		5	ug/kg						
1,3-Dichlorobenzene	ND		5	ug/kg						
1,4-Dichlorobenzene	ND		5	ug/kg						
1,1-Dichloroethane	ND		5	ug/kg						
1,2-Dichloroethane	ND		5	ug/kg						
trans-1,2-Dichloroethene	ND		5	ug/kg						
cis-1,2-Dichloroethene	ND		5	ug/kg						
1,1-Dichloroethene	ND		5	ug/kg						
1,2-Dichloropropane	ND		5	ug/kg						
2,2-Dichloropropane	ND		5	ug/kg						
cis-1,3-Dichloropropene	ND		5	ug/kg						
trans-1,3-Dichloropropene	ND		5	ug/kg						

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0309 - EPA 5035 (Continued)</b>										
<b>Blank (B2B0309-BLK1)</b>					Prepared & Analyzed: 02/07/22					
1,1-Dichloropropene	ND		5	ug/kg						
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg						
Diethyl ether	ND		5	ug/kg						
1,4-Dioxane	ND		100	ug/kg						
Ethylbenzene	ND		5	ug/kg						
Hexachlorobutadiene	ND		5	ug/kg						
2-Hexanone	ND		5	ug/kg						
Isopropylbenzene	ND		5	ug/kg						
p-Isopropyltoluene	ND		5	ug/kg						
Methylene Chloride	ND		5	ug/kg						
4-Methyl-2-pentanone	ND		5	ug/kg						
Naphthalene	ND		5	ug/kg						
n-Propylbenzene	ND		5	ug/kg						
Styrene	ND		5	ug/kg						
1,1,1,2-Tetrachloroethane	ND		5	ug/kg						
Tetrachloroethene	ND		5	ug/kg						
Tetrahydrofuran	ND		5	ug/kg						
Toluene	ND		5	ug/kg						
1,2,4-Trichlorobenzene	ND		5	ug/kg						
1,2,3-Trichlorobenzene	ND		5	ug/kg						
1,1,2-Trichloroethane	ND		5	ug/kg						
1,1,1-Trichloroethane	ND		5	ug/kg						
Trichloroethene	ND		5	ug/kg						
1,2,3-Trichloropropane	ND		5	ug/kg						
1,3,5-Trimethylbenzene	ND		5	ug/kg						
1,2,4-Trimethylbenzene	ND		5	ug/kg						
Vinyl Chloride	ND		5	ug/kg						
o-Xylene	ND		5	ug/kg						
m&p-Xylene	ND		10	ug/kg						
Total xylenes	ND		5	ug/kg						
1,1,2,2-Tetrachloroethane	ND		5	ug/kg						
tert-Amyl methyl ether	ND		5	ug/kg						
1,3-Dichloropropane	ND		5	ug/kg						
Ethyl tert-butyl ether	ND		5	ug/kg						
Diisopropyl ether	ND		5	ug/kg						
Trichlorofluoromethane	ND		5	ug/kg						
Dichlorodifluoromethane	ND		5	ug/kg						
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Surrogate: 4-Bromofluorobenzene			50.9	ug/kg	50.0		102	70-130		
Surrogate: 1,2-Dichloroethane-d4			50.0	ug/kg	50.0		100	70-130		
Surrogate: Toluene-d8			49.8	ug/kg	50.0		99.6	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0309 - EPA 5035 (Continued)</b>					Prepared & Analyzed: 02/07/22					
<b>LCS (B2B0309-BS1)</b>										
Acetone	53			ug/kg	50.0		107	60-140		
Benzene	52			ug/kg	50.0		105	70-130		
Bromobenzene	52			ug/kg	50.0		103	70-130		
Bromochloromethane	49			ug/kg	50.0		97.9	70-130		
Bromodichloromethane	52			ug/kg	50.0		103	70-130		
Bromoform	50			ug/kg	50.0		99.9	70-130		
Bromomethane	51			ug/kg	50.0		102	60-140		
2-Butanone	45			ug/kg	50.0		89.1	60-140		
tert-Butyl alcohol	49			ug/kg	50.0		97.8	70-130		
sec-Butylbenzene	54			ug/kg	50.0		108	70-130		
n-Butylbenzene	59			ug/kg	50.0		118	70-130		
tert-Butylbenzene	54			ug/kg	50.0		107	70-130		
Methyl t-butyl ether (MTBE)	45			ug/kg	50.0		89.8	70-130		
Carbon Disulfide	51			ug/kg	50.0		103	50-150		
Carbon Tetrachloride	56			ug/kg	50.0		112	70-130		
Chlorobenzene	54			ug/kg	50.0		107	70-130		
Chloroethane	41			ug/kg	50.0		82.2	60-140		
Chloroform	54			ug/kg	50.0		107	70-130		
Chloromethane	47			ug/kg	50.0		93.3	60-140		
4-Chlorotoluene	54			ug/kg	50.0		108	70-130		
2-Chlorotoluene	54			ug/kg	50.0		108	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	53			ug/kg	50.0		106	70-130		
Dibromochloromethane	50			ug/kg	50.0		99.7	70-130		
1,2-Dibromoethane (EDB)	50			ug/kg	50.0		99.8	70-130		
Dibromomethane	50			ug/kg	50.0		99.5	60-140		
1,2-Dichlorobenzene	53			ug/kg	50.0		105	70-130		
1,3-Dichlorobenzene	53			ug/kg	50.0		105	70-130		
1,4-Dichlorobenzene	54			ug/kg	50.0		108	70-130		
1,1-Dichloroethane	57			ug/kg	50.0		115	70-130		
1,2-Dichloroethane	51			ug/kg	50.0		102	70-130		
trans-1,2-Dichloroethene	58			ug/kg	50.0		116	70-130		
cis-1,2-Dichloroethene	60			ug/kg	50.0		119	70-130		
1,1-Dichloroethene	57			ug/kg	50.0		113	70-130		
1,2-Dichloropropane	51			ug/kg	50.0		103	70-130		
2,2-Dichloropropane	59			ug/kg	50.0		117	70-130		
cis-1,3-Dichloropropene	53			ug/kg	50.0		105	70-130		
trans-1,3-Dichloropropene	53			ug/kg	50.0		105	70-130		
1,1-Dichloropropene	57			ug/kg	50.0		115	70-130		
Diethyl ether	46			ug/kg	50.0		91.5	60-140		
1,4-Dioxane	228			ug/kg	250		91.4	0-200		
Ethylbenzene	54			ug/kg	50.0		108	70-130		
Hexachlorobutadiene	54			ug/kg	50.0		108	70-130		
2-Hexanone	44			ug/kg	50.0		87.4	70-130		
Isopropylbenzene	54			ug/kg	50.0		109	70-130		
p-Isopropyltoluene	55			ug/kg	50.0		109	70-130		
Methylene Chloride	89			ug/kg	50.0		177	60-140		
4-Methyl-2-pentanone	42			ug/kg	50.0		83.9	70-130		
Naphthalene	53			ug/kg	50.0		107	70-130		
n-Propylbenzene	55			ug/kg	50.0		111	70-130		
Styrene	54			ug/kg	50.0		107	70-130		
1,1,1,2-Tetrachloroethane	53			ug/kg	50.0		106	70-130		
Tetrachloroethene	53			ug/kg	50.0		105	70-130		
Tetrahydrofuran	46			ug/kg	50.0		92.9	50-150		
Toluene	52			ug/kg	50.0		104	70-130		
1,2,4-Trichlorobenzene	56			ug/kg	50.0		112	70-130		
1,2,3-Trichlorobenzene	54			ug/kg	50.0		107	70-130		
1,1,2-Trichloroethane	51			ug/kg	50.0		102	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0309 - EPA 5035 (Continued)</b>										
<b>LCS (B2B0309-BS1)</b>					Prepared & Analyzed: 02/07/22					
1,1,1-Trichloroethane	54			ug/kg	50.0		107	70-130		
Trichloroethene	53			ug/kg	50.0		106	70-130		
1,2,3-Trichloropropane	51			ug/kg	50.0		101	70-130		
1,3,5-Trimethylbenzene	54			ug/kg	50.0		107	70-130		
1,2,4-Trimethylbenzene	54			ug/kg	50.0		108	70-130		
Vinyl Chloride	51			ug/kg	50.0		102	60-140		
o-Xylene	54			ug/kg	50.0		107	70-130		
m&p-Xylene	108			ug/kg	100		108	70-130		
1,1,2,2-Tetrachloroethane	50			ug/kg	50.0		100	70-130		
tert-Amyl methyl ether	45			ug/kg	50.0		90.3	70-130		
1,3-Dichloropropane	51			ug/kg	50.0		102	70-130		
Ethyl tert-butyl ether	50			ug/kg	50.0		99.6	70-130		
Trichlorofluoromethane	53			ug/kg	50.0		106	70-130		
Dichlorodifluoromethane	46			ug/kg	50.0		92.5	60-140		
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<i>Surrogate: 4-Bromofluorobenzene</i>			<i>51.1</i>	ug/kg	<i>50.0</i>		<i>102</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>51.9</i>	ug/kg	<i>50.0</i>		<i>104</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>49.8</i>	ug/kg	<i>50.0</i>		<i>99.6</i>	<i>70-130</i>		
<b>LCS Dup (B2B0309-BSD1)</b>					Prepared & Analyzed: 02/07/22					
Acetone	57			ug/kg	50.0		115	60-140	7.40	30
Benzene	56			ug/kg	50.0		111	70-130	5.99	20
Bromobenzene	54			ug/kg	50.0		108	70-130	4.62	20
Bromochloromethane	55			ug/kg	50.0		111	70-130	12.2	20
Bromodichloromethane	55			ug/kg	50.0		110	70-130	6.49	20
Bromoform	52			ug/kg	50.0		104	70-130	4.00	20
Bromomethane	51			ug/kg	50.0		102	60-140	0.373	30
2-Butanone	50			ug/kg	50.0		101	60-140	12.4	30
tert-Butyl alcohol	50			ug/kg	50.0		99.4	70-130	1.58	20
sec-Butylbenzene	56			ug/kg	50.0		112	70-130	3.79	20
n-Butylbenzene	62			ug/kg	50.0		125	70-130	5.52	20
tert-Butylbenzene	56			ug/kg	50.0		111	70-130	3.75	20
Methyl t-butyl ether (MTBE)	47			ug/kg	50.0		94.1	70-130	4.68	20
Carbon Disulfide	56			ug/kg	50.0		112	50-150	8.27	40
Carbon Tetrachloride	59			ug/kg	50.0		118	70-130	5.13	20
Chlorobenzene	56			ug/kg	50.0		112	70-130	4.33	20
Chloroethane	41			ug/kg	50.0		81.1	60-140	1.37	30
Chloroform	57			ug/kg	50.0		115	70-130	6.85	20
Chloromethane	46			ug/kg	50.0		91.2	60-140	2.30	30
4-Chlorotoluene	56			ug/kg	50.0		113	70-130	4.27	20
2-Chlorotoluene	56			ug/kg	50.0		113	70-130	4.02	20
1,2-Dibromo-3-chloropropane (DBCP)	53			ug/kg	50.0		105	70-130	0.456	20
Dibromochloromethane	53			ug/kg	50.0		106	70-130	5.84	20
1,2-Dibromoethane (EDB)	53			ug/kg	50.0		106	70-130	5.85	20
Dibromomethane	54			ug/kg	50.0		108	60-140	7.79	30
1,2-Dichlorobenzene	56			ug/kg	50.0		112	70-130	5.72	20
1,3-Dichlorobenzene	55			ug/kg	50.0		109	70-130	3.47	20
1,4-Dichlorobenzene	57			ug/kg	50.0		114	70-130	5.45	20
1,1-Dichloroethane	59			ug/kg	50.0		118	70-130	3.21	20
1,2-Dichloroethane	54			ug/kg	50.0		107	70-130	5.30	20
trans-1,2-Dichloroethene	61			ug/kg	50.0		122	70-130	5.31	20
cis-1,2-Dichloroethene	62			ug/kg	50.0		123	70-130	3.05	20
1,1-Dichloroethene	64			ug/kg	50.0		127	70-130	11.5	20
1,2-Dichloropropane	55			ug/kg	50.0		111	70-130	7.37	20
2,2-Dichloropropane	61			ug/kg	50.0		122	70-130	4.09	20
cis-1,3-Dichloropropene	56			ug/kg	50.0		112	70-130	5.86	20
trans-1,3-Dichloropropene	55			ug/kg	50.0		110	70-130	4.41	20
1,1-Dichloropropene	59			ug/kg	50.0		118	70-130	2.75	20

**Quality Control  
(Continued)**

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0309 - EPA 5035 (Continued)</b>										
<b>LCS Dup (B2B0309-BSD1)</b>					Prepared & Analyzed: 02/07/22					
Diethyl ether	49			ug/kg	50.0		97.2	60-140	6.04	30
1,4-Dioxane	235			ug/kg	250		94.0	0-200	2.90	50
Ethylbenzene	55			ug/kg	50.0		111	70-130	2.43	20
Hexachlorobutadiene	58			ug/kg	50.0		117	70-130	7.54	20
2-Hexanone	46			ug/kg	50.0		91.4	70-130	4.50	20
Isopropylbenzene	56			ug/kg	50.0		112	70-130	2.49	20
p-Isopropyltoluene	57			ug/kg	50.0		114	70-130	3.88	20
Methylene Chloride	52			ug/kg	50.0		105	60-140	51.6	30
4-Methyl-2-pentanone	44			ug/kg	50.0		87.5	70-130	4.22	20
Naphthalene	55			ug/kg	50.0		110	70-130	2.90	20
n-Propylbenzene	57			ug/kg	50.0		115	70-130	3.81	20
Styrene	55			ug/kg	50.0		111	70-130	3.05	20
1,1,1,2-Tetrachloroethane	56			ug/kg	50.0		112	70-130	5.01	20
Tetrachloroethene	57			ug/kg	50.0		114	70-130	7.34	20
Tetrahydrofuran	48			ug/kg	50.0		95.3	50-150	2.55	40
Toluene	56			ug/kg	50.0		112	70-130	6.83	20
1,2,4-Trichlorobenzene	60			ug/kg	50.0		120	70-130	6.90	20
1,2,3-Trichlorobenzene	57			ug/kg	50.0		114	70-130	6.03	20
1,1,2-Trichloroethane	52			ug/kg	50.0		105	70-130	2.55	20
1,1,1-Trichloroethane	56			ug/kg	50.0		112	70-130	4.85	20
Trichloroethene	56			ug/kg	50.0		112	70-130	4.70	20
1,2,3-Trichloropropane	52			ug/kg	50.0		105	70-130	3.17	20
1,3,5-Trimethylbenzene	57			ug/kg	50.0		113	70-130	5.32	20
1,2,4-Trimethylbenzene	56			ug/kg	50.0		113	70-130	4.08	20
Vinyl Chloride	49			ug/kg	50.0		98.2	60-140	3.89	30
o-Xylene	56			ug/kg	50.0		112	70-130	4.14	20
m&p-Xylene	112			ug/kg	100		112	70-130	3.06	20
1,1,2,2-Tetrachloroethane	51			ug/kg	50.0		101	70-130	1.19	20
tert-Amyl methyl ether	48			ug/kg	50.0		96.9	70-130	7.03	20
1,3-Dichloropropane	54			ug/kg	50.0		109	70-130	6.20	20
Ethyl tert-butyl ether	50			ug/kg	50.0		101	70-130	1.06	20
Trichlorofluoromethane	50			ug/kg	50.0		100	70-130	5.91	20
Dichlorodifluoromethane	44			ug/kg	50.0		88.4	60-140	4.60	30
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Surrogate: 4-Bromofluorobenzene			51.1	ug/kg	50.0		102	70-130		
Surrogate: 1,2-Dichloroethane-d4			52.6	ug/kg	50.0		105	70-130		
Surrogate: Toluene-d8			50.4	ug/kg	50.0		101	70-130		



**Quality Control**  
(Continued)

**Semivolatile organic compounds**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0302 - EPA 3546</b>										
<b>Blank (B2B0302-BLK1)</b>										
					Prepared: 02/07/22 Analyzed: 02/09/22					
1,2,4-Trichlorobenzene	ND		122	ug/kg						
1,2-Dichlorobenzene	ND		122	ug/kg						
1,3-Dichlorobenzene	ND		122	ug/kg						
1,4-Dichlorobenzene	ND		122	ug/kg						
Phenol	ND		122	ug/kg						
2,4,5-Trichlorophenol	ND		122	ug/kg						
2,4,6-Trichlorophenol	ND		122	ug/kg						
2,4-Dichlorophenol	ND		122	ug/kg						
2,4-Dimethylphenol	ND		310	ug/kg						
2,4-Dinitrophenol	ND		310	ug/kg						
2,4-Dinitrotoluene	ND		122	ug/kg						
2,6-Dinitrotoluene	ND		122	ug/kg						
2-Chloronaphthalene	ND		122	ug/kg						
2-Chlorophenol	ND		122	ug/kg						
2-Methylnaphthalene	ND		122	ug/kg						
Nitrobenzene	ND		122	ug/kg						
2-Methylphenol	ND		122	ug/kg						
2-Nitroaniline	ND		122	ug/kg						
2-Nitrophenol	ND		310	ug/kg						
3,3'-Dichlorobenzidine	ND		310	ug/kg						
3-Nitroaniline	ND		122	ug/kg						
4,6-Dinitro-2-methylphenol	ND		310	ug/kg						
4-Bromophenyl phenyl ether	ND		122	ug/kg						
4-Chloro-3-methylphenol	ND		122	ug/kg						
4-Chloroaniline	ND		122	ug/kg						
4-Chlorophenyl phenyl ether	ND		122	ug/kg						
4-Nitroaniline	ND		122	ug/kg						
4-Nitrophenol	ND		310	ug/kg						
Acenaphthene	ND		122	ug/kg						
Acenaphthylene	ND		122	ug/kg						
Aniline	ND		122	ug/kg						
Anthracene	ND		122	ug/kg						
Benzo(a)anthracene	ND		122	ug/kg						
Benzo(a)pyrene	ND		122	ug/kg						
Benzo(b)fluoranthene	ND		122	ug/kg						
Benzo(g,h,i)perylene	ND		122	ug/kg						
Benzo(k)fluoranthene	ND		122	ug/kg						
Benzoic acid	ND		938	ug/kg						
Biphenyl	ND		38	ug/kg						
Bis(2-chloroethoxy)methane	ND		122	ug/kg						
Bis(2-chloroethyl)ether	ND		122	ug/kg						
Bis(2-chloroisopropyl)ether	ND		122	ug/kg						
Bis(2-ethylhexyl)phthalate	ND		375	ug/kg						
Butyl benzyl phthalate	ND		122	ug/kg						
Chrysene	ND		122	ug/kg						
Di(n)octyl phthalate	ND		188	ug/kg						
Dibenz(a,h)anthracene	ND		122	ug/kg						
Dibenzofuran	ND		122	ug/kg						
Diethyl phthalate	ND		122	ug/kg						
Dimethyl phthalate	ND		310	ug/kg						
Di-n-butylphthalate	ND		188	ug/kg						
Fluoranthene	ND		122	ug/kg						
Fluorene	ND		122	ug/kg						
Hexachlorobenzene	ND		122	ug/kg						
Hexachlorobutadiene	ND		122	ug/kg						
Hexachlorocyclopentadiene	ND		310	ug/kg						
Hexachloroethane	ND		122	ug/kg						

**Quality Control**  
(Continued)

**Semivolatile organic compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0302 - EPA 3546 (Continued)</b>										
<b>Blank (B2B0302-BLK1)</b>										
					Prepared: 02/07/22 Analyzed: 02/09/22					
Indeno(1,2,3-cd)pyrene	ND		122	ug/kg						
Isophorone	ND		122	ug/kg						
Naphthalene	ND		122	ug/kg						
N-Nitrosodimethylamine	ND		122	ug/kg						
N-Nitrosodi-n-propylamine	ND		122	ug/kg						
N-Nitrosodiphenylamine	ND		122	ug/kg						
Pentachlorophenol	ND		310	ug/kg						
Phenanthrene	ND		122	ug/kg						
Pyrene	ND		122	ug/kg						
m&p-Cresol	ND		244	ug/kg						
Pyridine	ND		122	ug/kg						
<i>Surrogate: Nitrobenzene-d5</i>			2040	ug/kg	3130		65.1	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			3100	ug/kg	3130		99.2	47-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			2170	ug/kg	3130		69.4	34-130		
<i>Surrogate: Phenol-d6</i>			1980	ug/kg	3130		63.5	30-130		
<i>Surrogate: 2,4,6-Tribromophenol</i>			2050	ug/kg	3130		65.5	30-130		
<i>Surrogate: 2-Fluorophenol</i>			1850	ug/kg	3130		59.2	30-130		
<b>LCS (B2B0302-BS1)</b>										
					Prepared: 02/07/22 Analyzed: 02/09/22					
1,2,4-Trichlorobenzene	2630		126	ug/kg	3230		81.2	40-130		
1,2-Dichlorobenzene	2610		126	ug/kg	3230		80.6	40-130		
1,3-Dichlorobenzene	2520		126	ug/kg	3230		77.8	40-130		
1,4-Dichlorobenzene	2540		126	ug/kg	3230		78.5	40-130		
Phenol	2860		126	ug/kg	3230		88.6	40-130		
2,4,5-Trichlorophenol	2400		126	ug/kg	3230		74.3	40-130		
2,4,6-Trichlorophenol	2530		126	ug/kg	3230		78.2	40-130		
2,4-Dichlorophenol	2630		126	ug/kg	3230		81.5	40-130		
2,4-Dimethylphenol	2690		320	ug/kg	3230		83.1	40-130		
2,4-Dinitrotoluene	3060		126	ug/kg	3230		94.7	40-130		
2,6-Dinitrotoluene	2990		126	ug/kg	3230		92.5	40-130		
2-Chloronaphthalene	2640		126	ug/kg	3230		81.7	40-130		
2-Chlorophenol	2730		126	ug/kg	3230		84.5	40-130		
2-Methylnaphthalene	2680		126	ug/kg	3230		82.9	40-130		
Nitrobenzene	2710		126	ug/kg	3230		84.0	40-130		
2-Methylphenol	2860		126	ug/kg	3230		88.5	40-130		
2-Nitroaniline	3010		126	ug/kg	3230		93.2	40-130		
2-Nitrophenol	2640		320	ug/kg	3230		81.7	40-130		
3-Nitroaniline	3000		126	ug/kg	3230		92.7	40-130		
4,6-Dinitro-2-methylphenol	1450		320	ug/kg	3230		44.8	40-130		
4-Bromophenyl phenyl ether	2950		126	ug/kg	3230		91.4	40-130		
4-Chloro-3-methylphenol	3020		126	ug/kg	3230		93.3	40-130		
4-Chlorophenyl phenyl ether	2870		126	ug/kg	3230		88.9	40-130		
4-Nitroaniline	3160		126	ug/kg	3230		97.6	40-130		
4-Nitrophenol	3040		320	ug/kg	3230		94.0	40-130		
Acenaphthene	2800		126	ug/kg	3230		86.5	40-130		
Acenaphthylene	2710		126	ug/kg	3230		83.7	40-130		
Anthracene	2790		126	ug/kg	3230		86.3	40-130		
Benzo(a)anthracene	2880		126	ug/kg	3230		89.1	40-130		
Benzo(a)pyrene	3100		126	ug/kg	3230		96.0	40-130		
Benzo(b)fluoranthene	3060		126	ug/kg	3230		94.8	40-130		
Benzo(g,h,i)perylene	2920		126	ug/kg	3230		90.4	40-130		
Benzo(k)fluoranthene	3200		126	ug/kg	3230		99.1	40-130		
Biphenyl	733		39	ug/kg	808		90.7	40-130		
Bis(2-chloroethoxy)methane	2970		126	ug/kg	3230		92.0	40-130		
Bis(2-chloroethyl)ether	2920		126	ug/kg	3230		90.3	40-130		
Bis(2-chloroisopropyl)ether	3310		126	ug/kg	3230		103	40-130		
Bis(2-ethylhexyl)phthalate	3380		388	ug/kg	3230		105	40-130		

**Quality Control**  
(Continued)

**Semivolatile organic compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0302 - EPA 3546 (Continued)</b>										
<b>LCS (B2B0302-BS1)</b>										
					Prepared: 02/07/22 Analyzed: 02/09/22					
Butyl benzyl phthalate	3400		126	ug/kg	3230		105	40-130		
Chrysene	3020		126	ug/kg	3230		93.6	40-130		
Di(n)octyl phthalate	3640		194	ug/kg	3230		113	40-130		
Dibenz(a,h)anthracene	2930		126	ug/kg	3230		90.6	40-130		
Dibenzofuran	2730		126	ug/kg	3230		84.5	40-130		
Diethyl phthalate	3030		126	ug/kg	3230		93.7	40-130		
Dimethyl phthalate	2890		320	ug/kg	3230		89.5	40-130		
Di-n-butylphthalate	3160		194	ug/kg	3230		97.9	40-130		
Fluoranthene	2870		126	ug/kg	3230		88.9	40-130		
Fluorene	2860		126	ug/kg	3230		88.6	40-130		
Hexachlorobenzene	2910		126	ug/kg	3230		90.0	40-130		
Hexachlorobutadiene	2800		126	ug/kg	3230		86.7	40-130		
Hexachlorocyclopentadiene	2860		320	ug/kg	3230		88.4	40-130		
Hexachloroethane	2530		126	ug/kg	3230		78.4	40-130		
Indeno(1,2,3-cd)pyrene	2850		126	ug/kg	3230		88.1	40-130		
Isophorone	2840		126	ug/kg	3230		88.0	40-130		
Naphthalene	2700		126	ug/kg	3230		83.4	40-130		
N-Nitrosodimethylamine	2690		126	ug/kg	3230		83.4	40-130		
N-Nitrosodi-n-propylamine	2880		126	ug/kg	3230		89.2	40-130		
N-Nitrosodiphenylamine	3680		126	ug/kg	3230		114	40-130		
Pentachlorophenol	2140		320	ug/kg	3230		66.1	40-130		
Phenanthrene	2840		126	ug/kg	3230		87.9	40-130		
Pyrene	3030		126	ug/kg	3230		93.6	40-130		
m&p-Cresol	2960		252	ug/kg	3230		91.5	40-130		
<hr/>										
<i>Surrogate: Nitrobenzene-d5</i>			2930	ug/kg	3230		90.6	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			3220	ug/kg	3230		99.7	47-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			2780	ug/kg	3230		85.9	34-130		
<i>Surrogate: Phenol-d6</i>			2930	ug/kg	3230		90.8	30-130		
<i>Surrogate: 2,4,6-Tribromophenol</i>			3160	ug/kg	3230		97.9	30-130		
<i>Surrogate: 2-Fluorophenol</i>			2790	ug/kg	3230		86.4	30-130		

**Quality Control**  
(Continued)

**Polychlorinated Biphenyls (PCBs)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0199 - EPA 3546</b>										
<b>Blank (B2B0199-BLK1)</b>					Prepared & Analyzed: 02/04/22					
Aroclor-1016	ND		26	ug/kg						
Aroclor-1221	ND		26	ug/kg						
Aroclor-1232	ND		26	ug/kg						
Aroclor-1242	ND		26	ug/kg						
Aroclor-1248	ND		26	ug/kg						
Aroclor-1254	ND		26	ug/kg						
Aroclor-1260	ND		26	ug/kg						
Aroclor-1262	ND		26	ug/kg						
Aroclor-1268	ND		26	ug/kg						
PCBs (Total)	ND		26	ug/kg						
<i>Surrogate: 2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>			3.87	ug/kg	5.33		72.7	36.2-130		
<i>Surrogate: Decachlorobiphenyl (DCBP)</i>			4.45	ug/kg	5.33		83.4	43.3-130		
<b>LCS (B2B0199-BS1)</b>					Prepared & Analyzed: 02/04/22					
Aroclor-1016	43		26	ug/kg	66.7		63.9	58.2-125		
Aroclor-1260	50		26	ug/kg	66.7		74.9	65.5-130		
<i>Surrogate: 2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>			4.42	ug/kg	5.33		82.9	36.2-130		
<i>Surrogate: Decachlorobiphenyl (DCBP)</i>			4.93	ug/kg	5.33		92.4	43.3-130		
<b>LCS Dup (B2B0199-BSD1)</b>					Prepared & Analyzed: 02/04/22					
Aroclor-1016	47		26	ug/kg	66.7		71.0	58.2-125	10.5	20
Aroclor-1260	53		26	ug/kg	66.7		80.2	65.5-130	6.92	20
<i>Surrogate: 2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>			3.85	ug/kg	5.33		72.1	36.2-130		
<i>Surrogate: Decachlorobiphenyl (DCBP)</i>			4.97	ug/kg	5.33		93.2	43.3-130		

**Quality Control**  
(Continued)

**Total Petroleum Hydrocarbons**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0301 - EPA 3546</b>										
<b>Blank (B2B0301-BLK1)</b>										
					Prepared: 02/07/22 Analyzed: 02/09/22					
Total Petroleum Hydrocarbons	ND		26	mg/kg						
-----										
Surrogate: Chlorooctadecane			5.24	mg/kg	8.15		64.3	56.5-114		
<b>LCS (B2B0301-BS1)</b>										
					Prepared: 02/07/22 Analyzed: 02/09/22					
Total Petroleum Hydrocarbons	383		26	mg/kg	641		59.7	44.7-125		
-----										
Surrogate: Chlorooctadecane			5.73	mg/kg	8.01		71.6	56.5-114		
<b>LCS Dup (B2B0301-BSD1)</b>										
					Prepared: 02/07/22 Analyzed: 02/09/22					
Total Petroleum Hydrocarbons	386		26	mg/kg	644		59.9	44.7-125	0.912	200
-----										
Surrogate: Chlorooctadecane			6.18	mg/kg	8.05		76.7	56.5-114		

**Quality Control**  
(Continued)

**TCLP Metals**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2B0487 - Metals Digestion Waters</b>										
<b>LCS (B2B0487-BS1)</b>										
Lead	4.75		0.025	mg/L	5.00		95.0	85-115		
<b>Leach Fluid Blank (B2B0487-LBK1)</b>										
Lead	ND		0.025	mg/L						

## Notes and Definitions

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

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

8260  
 \* *conductivity*  
 → contact / PM → working w/ Mike Flynn  
**CHAIN OF CUSTODY RECORD**

PROJ. NO.	PROJECT NAME/LOCATION	DATE	TIME	C O M P	G R A B	SAMPLE ID.	SCORE	S O I	OTHER	NO. OF CONTAINERS	RESERVATIVE
21106.00	ROGERS HIGH SCHOOL	2-22	0:35	X	X	TP-21 FILL A 17"	•••	X			
	SLAM / ROGERS HS / NEWPORT RI	2-22	0:35	X	X	TP-21 FILL B 44"	•••	X			

MA COMM-97  
 Parameters @  
 GROUP PRICE

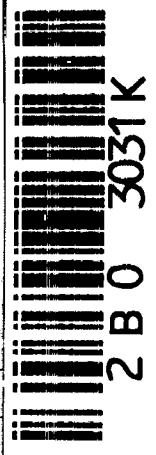
REMARKS  
 MUST MEET  
 RID EM R DEC U MI

PH/ignitability/conductivity

PCRB 8100  
 TPB 8100  
 PCRB 8278  
 TVCGS (H/Low)

TESTS  
 TVCGS (H/Low) X X X X X X  
 PCRB 8100 X X X X  
 TPB 8100 X X  
 PH/ignitability/conductivity X X

Fill layer, significant trash/debris  
 Fill layer, significant trash/debris



Sampled by: (Signature) Spencer mks	Date/Time 2-22 11:15	Received by: (Signature) [Signature]	Date/Time 2/3 1115	Laboratory Remarks: Temp. received: _____ Cooling: _____
Relinquished by: (Signature) [Signature]	Date/Time 2/3 1510	Received by: (Signature) [Signature]	Date/Time 2/3 1510	Special Instructions: List Specific Detection Limit Requirements:  Turnaround (Business Days) _____
Relinquished by: (Signature) [Signature]	Date/Time 	Received for Laboratory by: (Signature) 	Date/Time 	

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

ZKJ





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

## REPORT OF ANALYTICAL RESULTS

**NETLAB Work Order Number: 2C02069**  
**Client Project: 21106.00 - Rogers High School, Newport, RI**

Report Date: 14-March-2022

Prepared for:

Michael Flynn  
Pare Corporation  
8 Blackstone Valley Place  
Lincoln, RI 02865

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

The samples listed below were submitted to New England Testing Laboratory on 03/02/22. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is 2C02069. Custody records are included in this report.

<b>Lab ID</b>	<b>Sample</b>	<b>Matrix</b>	<b>Date Sampled</b>	<b>Date Received</b>
2C02069-01	B22-6	Water	03/02/2022	03/02/2022
2C02069-02	B22-6D	Water	03/02/2022	03/02/2022
2C02069-03	B22-8	Water	03/02/2022	03/02/2022
2C02069-04	S-1	Soil	03/02/2022	03/02/2022
2C02069-05	S-2	Soil	03/02/2022	03/02/2022
2C02069-06	S-3	Soil	03/02/2022	03/02/2022
2C02069-07	S-4	Soil	03/02/2022	03/02/2022
2C02069-08	S-5	Soil	03/02/2022	03/02/2022
2C02069-09	S-5D	Soil	03/02/2022	03/02/2022
2C02069-10	S-6	Soil	03/02/2022	03/02/2022
2C02069-11	S-7	Soil	03/02/2022	03/02/2022
2C02069-12	S-8	Soil	03/02/2022	03/02/2022
2C02069-13	S-9	Soil	03/02/2022	03/02/2022
2C02069-14	S-10	Soil	03/02/2022	03/02/2022
2C02069-15	Trip Blank	Water	03/02/2022	03/02/2022

## ***Request for Analysis***

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

### **B22-6 (Lab Number: 2C02069-01)**

#### **Analysis**

Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA-8100-mod  
EPA 8260C

### **B22-6D (Lab Number: 2C02069-02)**

#### **Analysis**

Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA-8100-mod  
EPA 8260C

### **B22-8 (Lab Number: 2C02069-03)**

#### **Analysis**

Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA-8100-mod  
EPA 8260C

### **S-1 (Lab Number: 2C02069-04)**

#### **Analysis**

Lead  
PCBs

#### **Method**

EPA 6010C  
EPA 8082A

### **S-10 (Lab Number: 2C02069-14)**

#### **Analysis**

Lead  
PCBs

#### **Method**

EPA 6010C  
EPA 8082A

### **S-2 (Lab Number: 2C02069-05)**

#### **Analysis**

Lead  
PCBs

#### **Method**

EPA 6010C  
EPA 8082A

### **S-3 (Lab Number: 2C02069-06)**

#### **Analysis**

Lead  
PCBs

#### **Method**

EPA 6010C  
EPA 8082A

### **S-4 (Lab Number: 2C02069-07)**

#### **Analysis**

Lead  
PCBs

#### **Method**

EPA 6010C  
EPA 8082A

### **S-5 (Lab Number: 2C02069-08)**

#### **Analysis**

Lead  
PCBs

#### **Method**

EPA 6010C  
EPA 8082A

### **S-5D (Lab Number: 2C02069-09)**

#### **Analysis**

Lead

#### **Method**

EPA 6010C

## ***Request for Analysis (continued)***

### **S-5D (Lab Number: 2C02069-09) (continued)**

#### **Analysis**

PCBs

#### **Method**

EPA 8082A

### **S-6 (Lab Number: 2C02069-10)**

#### **Analysis**

Lead

PCBs

#### **Method**

EPA 6010C

EPA 8082A

### **S-7 (Lab Number: 2C02069-11)**

#### **Analysis**

Lead

PCBs

#### **Method**

EPA 6010C

EPA 8082A

### **S-8 (Lab Number: 2C02069-12)**

#### **Analysis**

Lead

PCBs

#### **Method**

EPA 6010C

EPA 8082A

### **S-9 (Lab Number: 2C02069-13)**

#### **Analysis**

Lead

PCBs

#### **Method**

EPA 6010C

EPA 8082A

### **Trip Blank (Lab Number: 2C02069-15)**

#### **Analysis**

Volatile Organic Compounds

#### **Method**

EPA 8260C

## ***Method References***

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

## Case Narrative

### Sample Receipt:

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

Exceptions: None

### Analysis:

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

Exceptions: None

### Results: Total Metals

**Sample: S-1**

**Lab Number: 2C02069-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Lead	208		0.40	mg/kg	03/03/22	03/08/22

### Results: Total Metals

**Sample: S-2**

**Lab Number: 2C02069-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Lead	91.9		0.34	mg/kg	03/03/22	03/08/22

### Results: Total Metals

**Sample: S-3**

**Lab Number: 2C02069-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Lead	350		0.43	mg/kg	03/03/22	03/08/22



### Results: Total Metals

**Sample: S-4**

**Lab Number: 2C02069-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Lead	151		0.41	mg/kg	03/03/22	03/08/22

### Results: Total Metals

**Sample: S-5**

**Lab Number: 2C02069-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Lead	175		0.53	mg/kg	03/03/22	03/08/22

### Results: Total Metals

**Sample: S-5D**

**Lab Number: 2C02069-09 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Lead	157		0.37	mg/kg	03/03/22	03/08/22

### Results: Total Metals

**Sample: S-6**

**Lab Number: 2C02069-10 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Lead	61.4		0.49	mg/kg	03/03/22	03/08/22

### Results: Total Metals

**Sample: S-7**

**Lab Number: 2C02069-11 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Lead	50.9		0.56	mg/kg	03/03/22	03/08/22

### Results: Total Metals

**Sample: S-8**

**Lab Number: 2C02069-12 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Lead	197		0.48	mg/kg	03/03/22	03/08/22

### Results: Total Metals

**Sample: S-9**

**Lab Number: 2C02069-13 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Lead	51.3		0.45	mg/kg	03/03/22	03/08/22

### Results: Total Metals

**Sample: S-10**

**Lab Number: 2C02069-14 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Lead	433		0.48	mg/kg	03/03/22	03/08/22



## Results: Volatile Organic Compounds

**Sample: B22-6**

**Lab Number: 2C02069-01 (Water)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		33	ug/l	03/08/22	03/08/22
Benzene	ND		1	ug/l	03/08/22	03/08/22
Bromobenzene	ND		1	ug/l	03/08/22	03/08/22
Bromochloromethane	ND		1	ug/l	03/08/22	03/08/22
Bromodichloromethane	ND		1	ug/l	03/08/22	03/08/22
Bromoform	ND		1	ug/l	03/08/22	03/08/22
Bromomethane	ND		1	ug/l	03/08/22	03/08/22
2-Butanone	ND		5	ug/l	03/08/22	03/08/22
tert-Butyl alcohol	ND		5	ug/l	03/08/22	03/08/22
sec-Butylbenzene	ND		1	ug/l	03/08/22	03/08/22
n-Butylbenzene	ND		1	ug/l	03/08/22	03/08/22
tert-Butylbenzene	ND		1	ug/l	03/08/22	03/08/22
Methyl t-butyl ether (MTBE)	ND		1	ug/l	03/08/22	03/08/22
Carbon Disulfide	ND		1	ug/l	03/08/22	03/08/22
Carbon Tetrachloride	ND		1	ug/l	03/08/22	03/08/22
Chlorobenzene	ND		1	ug/l	03/08/22	03/08/22
Chloroethane	ND		1	ug/l	03/08/22	03/08/22
Chloroform	ND		1	ug/l	03/08/22	03/08/22
Chloromethane	ND		2	ug/l	03/08/22	03/08/22
4-Chlorotoluene	ND		1	ug/l	03/08/22	03/08/22
2-Chlorotoluene	ND		1	ug/l	03/08/22	03/08/22
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/l	03/08/22	03/08/22
Dibromochloromethane	ND		1	ug/l	03/08/22	03/08/22
1,2-Dibromoethane (EDB)	ND		1	ug/l	03/08/22	03/08/22
Dibromomethane	ND		1	ug/l	03/08/22	03/08/22
1,2-Dichlorobenzene	ND		1	ug/l	03/08/22	03/08/22
1,3-Dichlorobenzene	ND		1	ug/l	03/08/22	03/08/22
1,4-Dichlorobenzene	ND		1	ug/l	03/08/22	03/08/22
1,1-Dichloroethane	ND		1	ug/l	03/08/22	03/08/22
1,2-Dichloroethane	ND		1	ug/l	03/08/22	03/08/22
trans-1,2-Dichloroethene	ND		1	ug/l	03/08/22	03/08/22
cis-1,2-Dichloroethene	ND		1	ug/l	03/08/22	03/08/22
1,1-Dichloroethene	ND		1	ug/l	03/08/22	03/08/22
1,2-Dichloropropane	ND		1	ug/l	03/08/22	03/08/22
2,2-Dichloropropane	ND		1	ug/l	03/08/22	03/08/22
cis-1,3-Dichloropropene	ND		1	ug/l	03/08/22	03/08/22
trans-1,3-Dichloropropene	ND		1	ug/l	03/08/22	03/08/22
1,1-Dichloropropene	ND		1	ug/l	03/08/22	03/08/22
1,3-Dichloropropene (cis + trans)	ND		2	ug/l	03/08/22	03/08/22
Diethyl ether	ND		5	ug/l	03/08/22	03/08/22
1,4-Dioxane	ND		500	ug/l	03/08/22	03/08/22
Ethylbenzene	ND		1	ug/l	03/08/22	03/08/22
Hexachlorobutadiene	ND		1	ug/l	03/08/22	03/08/22
2-Hexanone	ND		5	ug/l	03/08/22	03/08/22
Isopropylbenzene	ND		1	ug/l	03/08/22	03/08/22
p-Isopropyltoluene	ND		1	ug/l	03/08/22	03/08/22
Methylene Chloride	ND		1	ug/l	03/08/22	03/08/22
4-Methyl-2-pentanone	ND		5	ug/l	03/08/22	03/08/22

## Results: Volatile Organic Compounds (Continued)

**Sample: B22-6 (Continued)**

**Lab Number: 2C02069-01 (Water)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		1	ug/l	03/08/22	03/08/22
n-Propylbenzene	ND		1	ug/l	03/08/22	03/08/22
Styrene	ND		1	ug/l	03/08/22	03/08/22
1,1,1,2-Tetrachloroethane	ND		1	ug/l	03/08/22	03/08/22
Tetrachloroethene	ND		1	ug/l	03/08/22	03/08/22
Tetrahydrofuran	ND		5	ug/l	03/08/22	03/08/22
Toluene	ND		1	ug/l	03/08/22	03/08/22
1,2,4-Trichlorobenzene	ND		1	ug/l	03/08/22	03/08/22
1,2,3-Trichlorobenzene	ND		1	ug/l	03/08/22	03/08/22
1,1,2-Trichloroethane	ND		1	ug/l	03/08/22	03/08/22
1,1,1-Trichloroethane	ND		1	ug/l	03/08/22	03/08/22
Trichloroethene	ND		1	ug/l	03/08/22	03/08/22
1,2,3-Trichloropropane	ND		1	ug/l	03/08/22	03/08/22
1,3,5-Trimethylbenzene	ND		1	ug/l	03/08/22	03/08/22
1,2,4-Trimethylbenzene	ND		1	ug/l	03/08/22	03/08/22
Vinyl Chloride	ND		1	ug/l	03/08/22	03/08/22
o-Xylene	ND		1	ug/l	03/08/22	03/08/22
m&p-Xylene	ND		2	ug/l	03/08/22	03/08/22
Total xylenes	ND		1	ug/l	03/08/22	03/08/22
1,1,2,2-Tetrachloroethane	ND		1	ug/l	03/08/22	03/08/22
tert-Amyl methyl ether	ND		1	ug/l	03/08/22	03/08/22
1,3-Dichloropropane	ND		1	ug/l	03/08/22	03/08/22
Ethyl tert-butyl ether	ND		1	ug/l	03/08/22	03/08/22
Diisopropyl ether	ND		1	ug/l	03/08/22	03/08/22
Trichlorofluoromethane	ND		1	ug/l	03/08/22	03/08/22
Dichlorodifluoromethane	ND		1	ug/l	03/08/22	03/08/22
tert-Amyl Alcohol	ND		5	ug/l	03/08/22	03/08/22
Surrogate(s)	Recovery%		Limits			
4-Bromofluorobenzene	95.8%		70-130		03/08/22	03/08/22
1,2-Dichloroethane-d4	94.6%		70-130		03/08/22	03/08/22
Toluene-d8	99.6%		70-130		03/08/22	03/08/22

## Results: Volatile Organic Compounds

**Sample: B22-6D**

**Lab Number: 2C02069-02 (Water)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		33	ug/l	03/08/22	03/08/22
Benzene	ND		1	ug/l	03/08/22	03/08/22
Bromobenzene	ND		1	ug/l	03/08/22	03/08/22
Bromochloromethane	ND		1	ug/l	03/08/22	03/08/22
Bromodichloromethane	ND		1	ug/l	03/08/22	03/08/22
Bromoform	ND		1	ug/l	03/08/22	03/08/22
Bromomethane	ND		1	ug/l	03/08/22	03/08/22
2-Butanone	ND		5	ug/l	03/08/22	03/08/22
tert-Butyl alcohol	ND		5	ug/l	03/08/22	03/08/22
sec-Butylbenzene	ND		1	ug/l	03/08/22	03/08/22
n-Butylbenzene	ND		1	ug/l	03/08/22	03/08/22
tert-Butylbenzene	ND		1	ug/l	03/08/22	03/08/22
Methyl t-butyl ether (MTBE)	ND		1	ug/l	03/08/22	03/08/22
Carbon Disulfide	ND		1	ug/l	03/08/22	03/08/22
Carbon Tetrachloride	ND		1	ug/l	03/08/22	03/08/22
Chlorobenzene	ND		1	ug/l	03/08/22	03/08/22
Chloroethane	ND		1	ug/l	03/08/22	03/08/22
Chloroform	ND		1	ug/l	03/08/22	03/08/22
Chloromethane	ND		1	ug/l	03/08/22	03/08/22
4-Chlorotoluene	ND		1	ug/l	03/08/22	03/08/22
2-Chlorotoluene	ND		1	ug/l	03/08/22	03/08/22
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/l	03/08/22	03/08/22
Dibromochloromethane	ND		1	ug/l	03/08/22	03/08/22
1,2-Dibromoethane (EDB)	ND		1	ug/l	03/08/22	03/08/22
Dibromomethane	ND		1	ug/l	03/08/22	03/08/22
1,2-Dichlorobenzene	ND		1	ug/l	03/08/22	03/08/22
1,3-Dichlorobenzene	ND		1	ug/l	03/08/22	03/08/22
1,4-Dichlorobenzene	ND		1	ug/l	03/08/22	03/08/22
1,1-Dichloroethane	ND		1	ug/l	03/08/22	03/08/22
1,2-Dichloroethane	ND		1	ug/l	03/08/22	03/08/22
trans-1,2-Dichloroethene	ND		1	ug/l	03/08/22	03/08/22
cis-1,2-Dichloroethene	ND		1	ug/l	03/08/22	03/08/22
1,1-Dichloroethene	ND		1	ug/l	03/08/22	03/08/22
1,2-Dichloropropane	ND		1	ug/l	03/08/22	03/08/22
2,2-Dichloropropane	ND		1	ug/l	03/08/22	03/08/22
cis-1,3-Dichloropropene	ND		1	ug/l	03/08/22	03/08/22
trans-1,3-Dichloropropene	ND		1	ug/l	03/08/22	03/08/22
1,1-Dichloropropene	ND		1	ug/l	03/08/22	03/08/22
1,3-Dichloropropene (cis + trans)	ND		2	ug/l	03/08/22	03/08/22
Diethyl ether	ND		5	ug/l	03/08/22	03/08/22
1,4-Dioxane	ND		500	ug/l	03/08/22	03/08/22
Ethylbenzene	ND		1	ug/l	03/08/22	03/08/22
Hexachlorobutadiene	ND		1	ug/l	03/08/22	03/08/22
2-Hexanone	ND		5	ug/l	03/08/22	03/08/22
Isopropylbenzene	ND		1	ug/l	03/08/22	03/08/22
p-Isopropyltoluene	ND		1	ug/l	03/08/22	03/08/22
Methylene Chloride	ND		1	ug/l	03/08/22	03/08/22
4-Methyl-2-pentanone	ND		5	ug/l	03/08/22	03/08/22

## Results: Volatile Organic Compounds (Continued)

**Sample: B22-6D (Continued)**

**Lab Number: 2C02069-02 (Water)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		1	ug/l	03/08/22	03/08/22
n-Propylbenzene	ND		1	ug/l	03/08/22	03/08/22
Styrene	ND		1	ug/l	03/08/22	03/08/22
1,1,1,2-Tetrachloroethane	ND		1	ug/l	03/08/22	03/08/22
Tetrachloroethene	ND		1	ug/l	03/08/22	03/08/22
Tetrahydrofuran	ND		5	ug/l	03/08/22	03/08/22
Toluene	ND		1	ug/l	03/08/22	03/08/22
1,2,4-Trichlorobenzene	ND		1	ug/l	03/08/22	03/08/22
1,2,3-Trichlorobenzene	ND		1	ug/l	03/08/22	03/08/22
1,1,2-Trichloroethane	ND		1	ug/l	03/08/22	03/08/22
1,1,1-Trichloroethane	ND		1	ug/l	03/08/22	03/08/22
Trichloroethene	ND		1	ug/l	03/08/22	03/08/22
1,2,3-Trichloropropane	ND		1	ug/l	03/08/22	03/08/22
1,3,5-Trimethylbenzene	ND		1	ug/l	03/08/22	03/08/22
1,2,4-Trimethylbenzene	ND		1	ug/l	03/08/22	03/08/22
Vinyl Chloride	ND		1	ug/l	03/08/22	03/08/22
o-Xylene	ND		1	ug/l	03/08/22	03/08/22
m&p-Xylene	ND		2	ug/l	03/08/22	03/08/22
Total xylenes	ND		1	ug/l	03/08/22	03/08/22
1,1,2,2-Tetrachloroethane	ND		1	ug/l	03/08/22	03/08/22
tert-Amyl methyl ether	ND		1	ug/l	03/08/22	03/08/22
1,3-Dichloropropane	ND		1	ug/l	03/08/22	03/08/22
Ethyl tert-butyl ether	ND		1	ug/l	03/08/22	03/08/22
Diisopropyl ether	ND		1	ug/l	03/08/22	03/08/22
Trichlorofluoromethane	ND		1	ug/l	03/08/22	03/08/22
Dichlorodifluoromethane	ND		1	ug/l	03/08/22	03/08/22
tert-Amyl Alcohol	ND		5	ug/l	03/08/22	03/08/22
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>94.5%</i>		<i>70-130</i>		<i>03/08/22</i>	<i>03/08/22</i>
<i>1,2-Dichloroethane-d4</i>	<i>92.9%</i>		<i>70-130</i>		<i>03/08/22</i>	<i>03/08/22</i>
<i>Toluene-d8</i>	<i>103%</i>		<i>70-130</i>		<i>03/08/22</i>	<i>03/08/22</i>

## Results: Volatile Organic Compounds

**Sample: B22-8**

**Lab Number: 2C02069-03 (Water)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		16	ug/l	03/08/22	03/08/22
Benzene	ND		1	ug/l	03/08/22	03/08/22
Bromobenzene	ND		1	ug/l	03/08/22	03/08/22
Bromochloromethane	ND		1	ug/l	03/08/22	03/08/22
Bromodichloromethane	ND		1	ug/l	03/08/22	03/08/22
Bromoform	ND		1	ug/l	03/08/22	03/08/22
Bromomethane	ND		1	ug/l	03/08/22	03/08/22
2-Butanone	ND		5	ug/l	03/08/22	03/08/22
tert-Butyl alcohol	ND		5	ug/l	03/08/22	03/08/22
sec-Butylbenzene	ND		1	ug/l	03/08/22	03/08/22
n-Butylbenzene	ND		1	ug/l	03/08/22	03/08/22
tert-Butylbenzene	ND		1	ug/l	03/08/22	03/08/22
Methyl t-butyl ether (MTBE)	ND		1	ug/l	03/08/22	03/08/22
Carbon Disulfide	ND		1	ug/l	03/08/22	03/08/22
Carbon Tetrachloride	ND		1	ug/l	03/08/22	03/08/22
Chlorobenzene	ND		1	ug/l	03/08/22	03/08/22
Chloroethane	ND		1	ug/l	03/08/22	03/08/22
Chloroform	ND		1	ug/l	03/08/22	03/08/22
Chloromethane	ND		1	ug/l	03/08/22	03/08/22
4-Chlorotoluene	ND		1	ug/l	03/08/22	03/08/22
2-Chlorotoluene	ND		1	ug/l	03/08/22	03/08/22
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/l	03/08/22	03/08/22
Dibromochloromethane	ND		1	ug/l	03/08/22	03/08/22
1,2-Dibromoethane (EDB)	ND		1	ug/l	03/08/22	03/08/22
Dibromomethane	ND		1	ug/l	03/08/22	03/08/22
1,2-Dichlorobenzene	ND		1	ug/l	03/08/22	03/08/22
1,3-Dichlorobenzene	ND		1	ug/l	03/08/22	03/08/22
1,4-Dichlorobenzene	ND		1	ug/l	03/08/22	03/08/22
1,1-Dichloroethane	ND		1	ug/l	03/08/22	03/08/22
1,2-Dichloroethane	ND		1	ug/l	03/08/22	03/08/22
trans-1,2-Dichloroethene	ND		1	ug/l	03/08/22	03/08/22
cis-1,2-Dichloroethene	ND		1	ug/l	03/08/22	03/08/22
1,1-Dichloroethene	ND		1	ug/l	03/08/22	03/08/22
1,2-Dichloropropane	ND		1	ug/l	03/08/22	03/08/22
2,2-Dichloropropane	ND		1	ug/l	03/08/22	03/08/22
cis-1,3-Dichloropropene	ND		1	ug/l	03/08/22	03/08/22
trans-1,3-Dichloropropene	ND		1	ug/l	03/08/22	03/08/22
1,1-Dichloropropene	ND		1	ug/l	03/08/22	03/08/22
1,3-Dichloropropene (cis + trans)	ND		2	ug/l	03/08/22	03/08/22
Diethyl ether	ND		5	ug/l	03/08/22	03/08/22
1,4-Dioxane	ND		500	ug/l	03/08/22	03/08/22
Ethylbenzene	ND		1	ug/l	03/08/22	03/08/22
Hexachlorobutadiene	ND		1	ug/l	03/08/22	03/08/22
2-Hexanone	ND		5	ug/l	03/08/22	03/08/22
Isopropylbenzene	ND		1	ug/l	03/08/22	03/08/22
p-Isopropyltoluene	ND		1	ug/l	03/08/22	03/08/22
Methylene Chloride	ND		1	ug/l	03/08/22	03/08/22
4-Methyl-2-pentanone	ND		5	ug/l	03/08/22	03/08/22

## Results: Volatile Organic Compounds (Continued)

**Sample: B22-8 (Continued)**

**Lab Number: 2C02069-03 (Water)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		1	ug/l	03/08/22	03/08/22
n-Propylbenzene	ND		1	ug/l	03/08/22	03/08/22
Styrene	ND		1	ug/l	03/08/22	03/08/22
1,1,1,2-Tetrachloroethane	ND		1	ug/l	03/08/22	03/08/22
Tetrachloroethene	ND		1	ug/l	03/08/22	03/08/22
Tetrahydrofuran	ND		5	ug/l	03/08/22	03/08/22
Toluene	ND		1	ug/l	03/08/22	03/08/22
1,2,4-Trichlorobenzene	ND		1	ug/l	03/08/22	03/08/22
1,2,3-Trichlorobenzene	ND		1	ug/l	03/08/22	03/08/22
1,1,2-Trichloroethane	ND		1	ug/l	03/08/22	03/08/22
1,1,1-Trichloroethane	ND		1	ug/l	03/08/22	03/08/22
Trichloroethene	ND		1	ug/l	03/08/22	03/08/22
1,2,3-Trichloropropane	ND		1	ug/l	03/08/22	03/08/22
1,3,5-Trimethylbenzene	ND		1	ug/l	03/08/22	03/08/22
1,2,4-Trimethylbenzene	ND		1	ug/l	03/08/22	03/08/22
Vinyl Chloride	ND		1	ug/l	03/08/22	03/08/22
o-Xylene	ND		1	ug/l	03/08/22	03/08/22
m&p-Xylene	ND		2	ug/l	03/08/22	03/08/22
Total xylenes	ND		1	ug/l	03/08/22	03/08/22
1,1,2,2-Tetrachloroethane	ND		1	ug/l	03/08/22	03/08/22
tert-Amyl methyl ether	ND		1	ug/l	03/08/22	03/08/22
1,3-Dichloropropane	ND		1	ug/l	03/08/22	03/08/22
Ethyl tert-butyl ether	ND		1	ug/l	03/08/22	03/08/22
Diisopropyl ether	ND		1	ug/l	03/08/22	03/08/22
Trichlorofluoromethane	ND		1	ug/l	03/08/22	03/08/22
Dichlorodifluoromethane	ND		1	ug/l	03/08/22	03/08/22
tert-Amyl Alcohol	ND		5	ug/l	03/08/22	03/08/22
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	92.7%		70-130		03/08/22	03/08/22
<i>1,2-Dichloroethane-d4</i>	96.9%		70-130		03/08/22	03/08/22
<i>Toluene-d8</i>	98.1%		70-130		03/08/22	03/08/22

## Results: Volatile Organic Compounds

**Sample: Trip Blank**  
**Lab Number: 2C02069-15 (Water)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		5	ug/l	03/08/22	03/08/22
Benzene	ND		1	ug/l	03/08/22	03/08/22
Bromobenzene	ND		1	ug/l	03/08/22	03/08/22
Bromochloromethane	ND		1	ug/l	03/08/22	03/08/22
Bromodichloromethane	ND		1	ug/l	03/08/22	03/08/22
Bromoform	ND		1	ug/l	03/08/22	03/08/22
Bromomethane	ND		1	ug/l	03/08/22	03/08/22
2-Butanone	ND		5	ug/l	03/08/22	03/08/22
tert-Butyl alcohol	ND		5	ug/l	03/08/22	03/08/22
sec-Butylbenzene	ND		1	ug/l	03/08/22	03/08/22
n-Butylbenzene	ND		1	ug/l	03/08/22	03/08/22
tert-Butylbenzene	ND		1	ug/l	03/08/22	03/08/22
Methyl t-butyl ether (MTBE)	ND		1	ug/l	03/08/22	03/08/22
Carbon Disulfide	ND		1	ug/l	03/08/22	03/08/22
Carbon Tetrachloride	ND		1	ug/l	03/08/22	03/08/22
Chlorobenzene	ND		1	ug/l	03/08/22	03/08/22
Chloroethane	ND		1	ug/l	03/08/22	03/08/22
Chloroform	ND		1	ug/l	03/08/22	03/08/22
Chloromethane	ND		1	ug/l	03/08/22	03/08/22
4-Chlorotoluene	ND		1	ug/l	03/08/22	03/08/22
2-Chlorotoluene	ND		1	ug/l	03/08/22	03/08/22
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/l	03/08/22	03/08/22
Dibromochloromethane	ND		1	ug/l	03/08/22	03/08/22
1,2-Dibromoethane (EDB)	ND		1	ug/l	03/08/22	03/08/22
Dibromomethane	ND		1	ug/l	03/08/22	03/08/22
1,2-Dichlorobenzene	ND		1	ug/l	03/08/22	03/08/22
1,3-Dichlorobenzene	ND		1	ug/l	03/08/22	03/08/22
1,4-Dichlorobenzene	ND		1	ug/l	03/08/22	03/08/22
1,1-Dichloroethane	ND		1	ug/l	03/08/22	03/08/22
1,2-Dichloroethane	ND		1	ug/l	03/08/22	03/08/22
trans-1,2-Dichloroethene	ND		1	ug/l	03/08/22	03/08/22
cis-1,2-Dichloroethene	ND		1	ug/l	03/08/22	03/08/22
1,1-Dichloroethene	ND		1	ug/l	03/08/22	03/08/22
1,2-Dichloropropane	ND		1	ug/l	03/08/22	03/08/22
2,2-Dichloropropane	ND		1	ug/l	03/08/22	03/08/22
cis-1,3-Dichloropropene	ND		1	ug/l	03/08/22	03/08/22
trans-1,3-Dichloropropene	ND		1	ug/l	03/08/22	03/08/22
1,1-Dichloropropene	ND		1	ug/l	03/08/22	03/08/22
1,3-Dichloropropene (cis + trans)	ND		2	ug/l	03/08/22	03/08/22
Diethyl ether	ND		5	ug/l	03/08/22	03/08/22
1,4-Dioxane	ND		500	ug/l	03/08/22	03/08/22
Ethylbenzene	ND		1	ug/l	03/08/22	03/08/22
Hexachlorobutadiene	ND		1	ug/l	03/08/22	03/08/22
2-Hexanone	ND		5	ug/l	03/08/22	03/08/22
Isopropylbenzene	ND		1	ug/l	03/08/22	03/08/22
p-Isopropyltoluene	ND		1	ug/l	03/08/22	03/08/22
Methylene Chloride	ND		1	ug/l	03/08/22	03/08/22
4-Methyl-2-pentanone	ND		5	ug/l	03/08/22	03/08/22

## Results: Volatile Organic Compounds (Continued)

**Sample: Trip Blank (Continued)**

**Lab Number: 2C02069-15 (Water)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		1	ug/l	03/08/22	03/08/22
n-Propylbenzene	ND		1	ug/l	03/08/22	03/08/22
Styrene	ND		1	ug/l	03/08/22	03/08/22
1,1,1,2-Tetrachloroethane	ND		1	ug/l	03/08/22	03/08/22
Tetrachloroethene	ND		1	ug/l	03/08/22	03/08/22
Tetrahydrofuran	ND		5	ug/l	03/08/22	03/08/22
Toluene	ND		1	ug/l	03/08/22	03/08/22
1,2,4-Trichlorobenzene	ND		1	ug/l	03/08/22	03/08/22
1,2,3-Trichlorobenzene	ND		1	ug/l	03/08/22	03/08/22
1,1,2-Trichloroethane	ND		1	ug/l	03/08/22	03/08/22
1,1,1-Trichloroethane	ND		1	ug/l	03/08/22	03/08/22
Trichloroethene	ND		1	ug/l	03/08/22	03/08/22
1,2,3-Trichloropropane	ND		1	ug/l	03/08/22	03/08/22
1,3,5-Trimethylbenzene	ND		1	ug/l	03/08/22	03/08/22
1,2,4-Trimethylbenzene	ND		1	ug/l	03/08/22	03/08/22
Vinyl Chloride	ND		1	ug/l	03/08/22	03/08/22
o-Xylene	ND		1	ug/l	03/08/22	03/08/22
m&p-Xylene	ND		2	ug/l	03/08/22	03/08/22
Total xylenes	ND		1	ug/l	03/08/22	03/08/22
1,1,2,2-Tetrachloroethane	ND		1	ug/l	03/08/22	03/08/22
tert-Amyl methyl ether	ND		1	ug/l	03/08/22	03/08/22
1,3-Dichloropropane	ND		1	ug/l	03/08/22	03/08/22
Ethyl tert-butyl ether	ND		1	ug/l	03/08/22	03/08/22
Diisopropyl ether	ND		1	ug/l	03/08/22	03/08/22
Trichlorofluoromethane	ND		1	ug/l	03/08/22	03/08/22
Dichlorodifluoromethane	ND		1	ug/l	03/08/22	03/08/22
tert-Amyl Alcohol	ND		5	ug/l	03/08/22	03/08/22
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>93.8%</i>		<i>70-130</i>		<i>03/08/22</i>	<i>03/08/22</i>
<i>1,2-Dichloroethane-d4</i>	<i>101%</i>		<i>70-130</i>		<i>03/08/22</i>	<i>03/08/22</i>
<i>Toluene-d8</i>	<i>101%</i>		<i>70-130</i>		<i>03/08/22</i>	<i>03/08/22</i>



## Results: Polychlorinated Biphenyls (PCBs)

**Sample: S-1**

**Lab Number: 2C02069-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1221	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1232	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1242	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1248	ND		78	ug/kg	03/10/22	03/11/22
<b>Aroclor-1254</b>	<b>397</b>		78	ug/kg	03/10/22	03/11/22
<b>Aroclor-1260</b>	<b>315</b>		78	ug/kg	03/10/22	03/11/22
Aroclor-1262	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1268	ND		78	ug/kg	03/10/22	03/11/22
<b>PCBs (Total)</b>	<b>713</b>		78	ug/kg	03/10/22	03/11/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	66.7%		36.2-130		03/10/22	03/11/22
<i>Decachlorobiphenyl (DCBP)</i>	61.5%		43.3-130		03/10/22	03/11/22

**Results: Polychlorinated Biphenyls (PCBs)****Sample: S-2****Lab Number: 2C02069-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		80	ug/kg	03/10/22	03/11/22
Aroclor-1221	ND		80	ug/kg	03/10/22	03/11/22
Aroclor-1232	ND		80	ug/kg	03/10/22	03/11/22
Aroclor-1242	ND		80	ug/kg	03/10/22	03/11/22
Aroclor-1248	ND		80	ug/kg	03/10/22	03/11/22
Aroclor-1254	ND		80	ug/kg	03/10/22	03/11/22
Aroclor-1260	ND		80	ug/kg	03/10/22	03/11/22
Aroclor-1262	ND		80	ug/kg	03/10/22	03/11/22
Aroclor-1268	ND		80	ug/kg	03/10/22	03/11/22
PCBs (Total)	ND		80	ug/kg	03/10/22	03/11/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	<i>60.8%</i>		<i>36.2-130</i>		03/10/22	03/11/22
<i>Decachlorobiphenyl (DCBP)</i>	<i>69.7%</i>		<i>43.3-130</i>		03/10/22	03/11/22

## Results: Polychlorinated Biphenyls (PCBs)

**Sample: S-3**

**Lab Number: 2C02069-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		99	ug/kg	03/10/22	03/11/22
Aroclor-1221	ND		99	ug/kg	03/10/22	03/11/22
Aroclor-1232	ND		99	ug/kg	03/10/22	03/11/22
Aroclor-1242	ND		99	ug/kg	03/10/22	03/11/22
Aroclor-1248	ND		99	ug/kg	03/10/22	03/11/22
<b>Aroclor-1254</b>	<b>3450</b>		990	ug/kg	03/10/22	03/12/22
Aroclor-1260	ND		99	ug/kg	03/10/22	03/11/22
Aroclor-1262	ND		99	ug/kg	03/10/22	03/11/22
Aroclor-1268	ND		99	ug/kg	03/10/22	03/11/22
<b>PCBs (Total)</b>	<b>3450</b>		990	ug/kg	03/10/22	03/11/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	80.9%		36.2-130		03/10/22	03/11/22
<i>Decachlorobiphenyl (DCBP)</i>	87.7%		43.3-130		03/10/22	03/11/22

## Results: Polychlorinated Biphenyls (PCBs)

**Sample: S-4**

**Lab Number: 2C02069-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		84	ug/kg	03/10/22	03/11/22
Aroclor-1221	ND		84	ug/kg	03/10/22	03/11/22
Aroclor-1232	ND		84	ug/kg	03/10/22	03/11/22
Aroclor-1242	ND		84	ug/kg	03/10/22	03/11/22
Aroclor-1248	ND		84	ug/kg	03/10/22	03/11/22
Aroclor-1254	ND		84	ug/kg	03/10/22	03/11/22
Aroclor-1260	ND		84	ug/kg	03/10/22	03/11/22
Aroclor-1262	ND		84	ug/kg	03/10/22	03/11/22
Aroclor-1268	ND		84	ug/kg	03/10/22	03/11/22
PCBs (Total)	ND		84	ug/kg	03/10/22	03/11/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	70.8%		36.2-130		03/10/22	03/11/22
<i>Decachlorobiphenyl (DCBP)</i>	69.2%		43.3-130		03/10/22	03/11/22

## Results: Polychlorinated Biphenyls (PCBs)

**Sample: S-5**

**Lab Number: 2C02069-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		87	ug/kg	03/10/22	03/11/22
Aroclor-1221	ND		87	ug/kg	03/10/22	03/11/22
Aroclor-1232	ND		87	ug/kg	03/10/22	03/11/22
Aroclor-1242	ND		87	ug/kg	03/10/22	03/11/22
Aroclor-1248	ND		87	ug/kg	03/10/22	03/11/22
<b>Aroclor-1254</b>	<b>93</b>		87	ug/kg	03/10/22	03/11/22
Aroclor-1260	ND		87	ug/kg	03/10/22	03/11/22
Aroclor-1262	ND		87	ug/kg	03/10/22	03/11/22
Aroclor-1268	ND		87	ug/kg	03/10/22	03/11/22
<b>PCBs (Total)</b>	<b>93</b>		87	ug/kg	03/10/22	03/11/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	53.4%		36.2-130		03/10/22	03/11/22
<i>Decachlorobiphenyl (DCBP)</i>	70.7%		43.3-130		03/10/22	03/11/22

## Results: Polychlorinated Biphenyls (PCBs)

**Sample: S-5D**

**Lab Number: 2C02069-09 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		88	ug/kg	03/10/22	03/11/22
Aroclor-1221	ND		88	ug/kg	03/10/22	03/11/22
Aroclor-1232	ND		88	ug/kg	03/10/22	03/11/22
Aroclor-1242	ND		88	ug/kg	03/10/22	03/11/22
Aroclor-1248	ND		88	ug/kg	03/10/22	03/11/22
<b>Aroclor-1254</b>	<b>95</b>		88	ug/kg	03/10/22	03/11/22
Aroclor-1260	ND		88	ug/kg	03/10/22	03/11/22
Aroclor-1262	ND		88	ug/kg	03/10/22	03/11/22
Aroclor-1268	ND		88	ug/kg	03/10/22	03/11/22
<b>PCBs (Total)</b>	<b>95</b>		88	ug/kg	03/10/22	03/11/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	54.4%		36.2-130		03/10/22	03/11/22
<i>Decachlorobiphenyl (DCBP)</i>	61.8%		43.3-130		03/10/22	03/11/22

## Results: Polychlorinated Biphenyls (PCBs)

**Sample: S-6**

**Lab Number: 2C02069-10 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1221	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1232	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1242	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1248	ND		78	ug/kg	03/10/22	03/11/22
<b>Aroclor-1254</b>	<b>225</b>		78	ug/kg	03/10/22	03/11/22
Aroclor-1260	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1262	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1268	ND		78	ug/kg	03/10/22	03/11/22
<b>PCBs (Total)</b>	<b>225</b>		78	ug/kg	03/10/22	03/11/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	67.1%		36.2-130		03/10/22	03/11/22
<i>Decachlorobiphenyl (DCBP)</i>	83.6%		43.3-130		03/10/22	03/11/22

**Results: Polychlorinated Biphenyls (PCBs)****Sample: S-7****Lab Number: 2C02069-11 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		87	ug/kg	03/10/22	03/11/22
Aroclor-1221	ND		87	ug/kg	03/10/22	03/11/22
Aroclor-1232	ND		87	ug/kg	03/10/22	03/11/22
Aroclor-1242	ND		87	ug/kg	03/10/22	03/11/22
Aroclor-1248	ND		87	ug/kg	03/10/22	03/11/22
Aroclor-1254	ND		87	ug/kg	03/10/22	03/11/22
Aroclor-1260	ND		87	ug/kg	03/10/22	03/11/22
Aroclor-1262	ND		87	ug/kg	03/10/22	03/11/22
Aroclor-1268	ND		87	ug/kg	03/10/22	03/11/22
PCBs (Total)	ND		87	ug/kg	03/10/22	03/11/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	62.2%		36.2-130		03/10/22	03/11/22
<i>Decachlorobiphenyl (DCBP)</i>	77.3%		43.3-130		03/10/22	03/11/22



**Results: Polychlorinated Biphenyls (PCBs)****Sample: S-8****Lab Number: 2C02069-12 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		86	ug/kg	03/10/22	03/11/22
Aroclor-1221	ND		86	ug/kg	03/10/22	03/11/22
Aroclor-1232	ND		86	ug/kg	03/10/22	03/11/22
Aroclor-1242	ND		86	ug/kg	03/10/22	03/11/22
Aroclor-1248	ND		86	ug/kg	03/10/22	03/11/22
Aroclor-1254	ND		86	ug/kg	03/10/22	03/11/22
Aroclor-1260	ND		86	ug/kg	03/10/22	03/11/22
Aroclor-1262	ND		86	ug/kg	03/10/22	03/11/22
Aroclor-1268	ND		86	ug/kg	03/10/22	03/11/22
PCBs (Total)	ND		86	ug/kg	03/10/22	03/11/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	49.7%		36.2-130		03/10/22	03/11/22
<i>Decachlorobiphenyl (DCBP)</i>	99.1%		43.3-130		03/10/22	03/11/22

## Results: Polychlorinated Biphenyls (PCBs)

**Sample: S-9**

**Lab Number: 2C02069-13 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1221	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1232	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1242	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1248	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1254	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1260	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1262	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1268	ND		78	ug/kg	03/10/22	03/11/22
PCBs (Total)	ND		78	ug/kg	03/10/22	03/11/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	69.1%		36.2-130		03/10/22	03/11/22
<i>Decachlorobiphenyl (DCBP)</i>	78.3%		43.3-130		03/10/22	03/11/22

**Results: Polychlorinated Biphenyls (PCBs)****Sample: S-10****Lab Number: 2C02069-14 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		86	ug/kg	03/10/22	03/11/22
Aroclor-1221	ND		86	ug/kg	03/10/22	03/11/22
Aroclor-1232	ND		86	ug/kg	03/10/22	03/11/22
Aroclor-1242	ND		86	ug/kg	03/10/22	03/11/22
Aroclor-1248	ND		86	ug/kg	03/10/22	03/11/22
Aroclor-1254	ND		86	ug/kg	03/10/22	03/11/22
Aroclor-1260	ND		86	ug/kg	03/10/22	03/11/22
Aroclor-1262	ND		86	ug/kg	03/10/22	03/11/22
Aroclor-1268	ND		86	ug/kg	03/10/22	03/11/22
PCBs (Total)	ND		86	ug/kg	03/10/22	03/11/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	<i>61.0%</i>		<i>36.2-130</i>		03/10/22	03/11/22
<i>Decachlorobiphenyl (DCBP)</i>	<i>89.8%</i>		<i>43.3-130</i>		03/10/22	03/11/22

**Results: Total Petroleum Hydrocarbons****Sample: B22-6****Lab Number: 2C02069-01 (Water)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		1000	ug/l	03/10/22	03/11/22
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>82.9%</i>		<i>47-115</i>		03/10/22	03/11/22

**Results: Total Petroleum Hydrocarbons****Sample: B22-6D****Lab Number: 2C02069-02 (Water)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		1000	ug/l	03/10/22	03/11/22
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>78.7%</i>		<i>47-115</i>		03/10/22	03/11/22

**Results: Total Petroleum Hydrocarbons****Sample: B22-8****Lab Number: 2C02069-03 (Water)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		1000	ug/l	03/10/22	03/11/22
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>90.7%</i>		<i>47-115</i>		03/10/22	03/11/22

## Quality Control

### Total Metals

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2C0237 - Metals Digestion Soils</b>										
<b>Blank (B2C0237-BLK1)</b>										
Lead	ND		0.50	mg/kg						Prepared: 03/03/22 Analyzed: 03/07/22
<b>LCS (B2C0237-BS1)</b>										
Lead	89.4		0.50	mg/kg	100		89.4	85-115		

**Quality Control**  
(Continued)

**Volatile Organic Compounds**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2C0526 - Purge-Trap</b>					Prepared & Analyzed: 03/08/22					
<b>Blank (B2C0526-BLK1)</b>										
Acetone	ND		5	ug/l						
Benzene	ND		1	ug/l						
Bromobenzene	ND		1	ug/l						
Bromochloromethane	ND		1	ug/l						
Bromodichloromethane	ND		1	ug/l						
Bromoform	ND		1	ug/l						
Bromomethane	ND		1	ug/l						
2-Butanone	ND		5	ug/l						
tert-Butyl alcohol	ND		5	ug/l						
sec-Butylbenzene	ND		1	ug/l						
n-Butylbenzene	ND		1	ug/l						
tert-Butylbenzene	ND		1	ug/l						
Methyl t-butyl ether (MTBE)	ND		1	ug/l						
Carbon Disulfide	ND		1	ug/l						
Carbon Tetrachloride	ND		1	ug/l						
Chlorobenzene	ND		1	ug/l						
Chloroethane	ND		1	ug/l						
Chloroform	ND		1	ug/l						
Chloromethane	ND		1	ug/l						
4-Chlorotoluene	ND		1	ug/l						
2-Chlorotoluene	ND		1	ug/l						
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/l						
Dibromochloromethane	ND		1	ug/l						
1,2-Dibromoethane (EDB)	ND		1	ug/l						
Dibromomethane	ND		1	ug/l						
1,2-Dichlorobenzene	ND		1	ug/l						
1,3-Dichlorobenzene	ND		1	ug/l						
1,4-Dichlorobenzene	ND		1	ug/l						
1,1-Dichloroethane	ND		1	ug/l						
1,2-Dichloroethane	ND		1	ug/l						
trans-1,2-Dichloroethene	ND		1	ug/l						
cis-1,2-Dichloroethene	ND		1	ug/l						
1,1-Dichloroethene	ND		1	ug/l						
1,2-Dichloropropane	ND		1	ug/l						
2,2-Dichloropropane	ND		1	ug/l						
cis-1,3-Dichloropropene	ND		1	ug/l						
trans-1,3-Dichloropropene	ND		1	ug/l						
1,1-Dichloropropene	ND		1	ug/l						
1,3-Dichloropropene (cis + trans)	ND		2	ug/l						
Diethyl ether	ND		5	ug/l						
1,4-Dioxane	ND		500	ug/l						
Ethylbenzene	ND		1	ug/l						
Hexachlorobutadiene	ND		1	ug/l						
2-Hexanone	ND		5	ug/l						
Isopropylbenzene	ND		1	ug/l						
p-Isopropyltoluene	ND		1	ug/l						
Methylene Chloride	ND		1	ug/l						
4-Methyl-2-pentanone	ND		5	ug/l						
Naphthalene	ND		1	ug/l						
n-Propylbenzene	ND		1	ug/l						
Styrene	ND		1	ug/l						
1,1,1,2-Tetrachloroethane	ND		1	ug/l						
Tetrachloroethene	ND		1	ug/l						
Tetrahydrofuran	ND		5	ug/l						
Toluene	ND		1	ug/l						
1,2,4-Trichlorobenzene	ND		1	ug/l						
1,2,3-Trichlorobenzene	ND		1	ug/l						



**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2C0526 - Purge-Trap (Continued)</b>										
<b>Blank (B2C0526-BLK1)</b>					Prepared & Analyzed: 03/08/22					
1,1,2-Trichloroethane	ND		1	ug/l						
1,1,1-Trichloroethane	ND		1	ug/l						
Trichloroethene	ND		1	ug/l						
1,2,3-Trichloropropane	ND		1	ug/l						
1,3,5-Trimethylbenzene	ND		1	ug/l						
1,2,4-Trimethylbenzene	ND		1	ug/l						
Vinyl Chloride	ND		1	ug/l						
o-Xylene	ND		1	ug/l						
m&p-Xylene	ND		2	ug/l						
Total xylenes	ND		1	ug/l						
1,1,2,2-Tetrachloroethane	ND		1	ug/l						
tert-Amyl methyl ether	ND		1	ug/l						
1,3-Dichloropropane	ND		1	ug/l						
Ethyl tert-butyl ether	ND		1	ug/l						
Diisopropyl ether	ND		1	ug/l						
Trichlorofluoromethane	ND		1	ug/l						
Dichlorodifluoromethane	ND		1	ug/l						
tert-Amyl Alcohol	ND		5	ug/l						
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Surrogate: 4-Bromofluorobenzene			46.0	ug/l	50.0		91.9	70-130		
Surrogate: 1,2-Dichloroethane-d4			50.5	ug/l	50.0		101	70-130		
Surrogate: Toluene-d8			51.3	ug/l	50.0		103	70-130		
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<b>LCS (B2C0526-BS1)</b>					Prepared & Analyzed: 03/08/22					
Acetone	48			ug/l	50.0		96.4	60-140		
Benzene	56			ug/l	50.0		113	70-130		
Bromobenzene	50			ug/l	50.0		100	70-130		
Bromochloromethane	48			ug/l	50.0		95.2	70-130		
Bromodichloromethane	56			ug/l	50.0		112	70-130		
Bromoform	54			ug/l	50.0		108	70-130		
Bromomethane	41			ug/l	50.0		82.7	70-130		
2-Butanone	51			ug/l	50.0		103	60-140		
tert-Butyl alcohol	49			ug/l	50.0		98.7	70-130		
sec-Butylbenzene	61			ug/l	50.0		123	70-130		
n-Butylbenzene	61			ug/l	50.0		122	70-130		
tert-Butylbenzene	55			ug/l	50.0		110	70-130		
Methyl t-butyl ether (MTBE)	48			ug/l	50.0		95.7	70-130		
Carbon Disulfide	48			ug/l	50.0		96.3	50-150		
Carbon Tetrachloride	58			ug/l	50.0		116	70-130		
Chlorobenzene	53			ug/l	50.0		106	70-130		
Chloroethane	46			ug/l	50.0		93.0	70-130		
Chloroform	52			ug/l	50.0		103	70-130		
Chloromethane	42			ug/l	50.0		84.3	70-130		
4-Chlorotoluene	55			ug/l	50.0		111	70-130		
2-Chlorotoluene	54			ug/l	50.0		107	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	54			ug/l	50.0		107	70-130		
Dibromochloromethane	52			ug/l	50.0		104	70-130		
1,2-Dibromoethane (EDB)	55			ug/l	50.0		110	70-130		
Dibromomethane	52			ug/l	50.0		104	70-130		
1,2-Dichlorobenzene	52			ug/l	50.0		105	70-130		
1,3-Dichlorobenzene	53			ug/l	50.0		106	70-130		
1,4-Dichlorobenzene	51			ug/l	50.0		102	70-130		
1,1-Dichloroethane	54			ug/l	50.0		109	70-130		
1,2-Dichloroethane	56			ug/l	50.0		112	70-130		
trans-1,2-Dichloroethene	52			ug/l	50.0		105	70-130		
cis-1,2-Dichloroethene	49			ug/l	50.0		97.1	70-130		
1,1-Dichloroethene	57			ug/l	50.0		115	70-130		
1,2-Dichloropropane	56			ug/l	50.0		111	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2C0526 - Purge-Trap (Continued)</b>										
<b>LCS (B2C0526-BS1)</b>					Prepared & Analyzed: 03/08/22					
2,2-Dichloropropane	55			ug/l	50.0		111	70-130		
cis-1,3-Dichloropropene	54			ug/l	50.0		108	70-130		
trans-1,3-Dichloropropene	56			ug/l	50.0		112	70-130		
1,1-Dichloropropene	55			ug/l	50.0		111	70-130		
Diethyl ether	43			ug/l	50.0		86.5	70-130		
1,4-Dioxane	259			ug/l	250		104	50-150		
Ethylbenzene	55			ug/l	50.0		109	70-130		
Hexachlorobutadiene	50			ug/l	50.0		99.0	70-130		
2-Hexanone	54			ug/l	50.0		108	70-130		
Isopropylbenzene	56			ug/l	50.0		112	70-130		
p-Isopropyltoluene	59			ug/l	50.0		118	70-130		
Methylene Chloride	48			ug/l	50.0		95.3	70-130		
4-Methyl-2-pentanone	57			ug/l	50.0		113	70-130		
Naphthalene	50			ug/l	50.0		101	70-130		
n-Propylbenzene	60			ug/l	50.0		120	70-130		
Styrene	54			ug/l	50.0		109	70-130		
1,1,1,2-Tetrachloroethane	51			ug/l	50.0		102	70-130		
Tetrachloroethene	54			ug/l	50.0		109	70-130		
Tetrahydrofuran	51			ug/l	50.0		102	50-150		
Toluene	53			ug/l	50.0		107	70-130		
1,2,4-Trichlorobenzene	52			ug/l	50.0		105	70-130		
1,2,3-Trichlorobenzene	45			ug/l	50.0		90.9	70-130		
1,1,2-Trichloroethane	56			ug/l	50.0		112	70-130		
1,1,1-Trichloroethane	58			ug/l	50.0		116	70-130		
Trichloroethene	50			ug/l	50.0		101	70-130		
1,2,3-Trichloropropane	56			ug/l	50.0		112	70-130		
1,3,5-Trimethylbenzene	56			ug/l	50.0		112	70-130		
1,2,4-Trimethylbenzene	55			ug/l	50.0		111	70-130		
Vinyl Chloride	42			ug/l	50.0		84.3	70-130		
o-Xylene	54			ug/l	50.0		107	70-130		
m&p-Xylene	104			ug/l	100		104	70-130		
1,1,2,2-Tetrachloroethane	55			ug/l	50.0		109	70-130		
tert-Amyl methyl ether	49			ug/l	50.0		97.6	70-130		
1,3-Dichloropropane	56			ug/l	50.0		112	70-130		
Ethyl tert-butyl ether	49			ug/l	50.0		97.4	70-130		
Trichlorofluoromethane	43			ug/l	50.0		86.1	70-130		
Dichlorodifluoromethane	27			ug/l	50.0		54.4	70-130		
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Surrogate: 4-Bromofluorobenzene			50.0	ug/l	50.0		99.9	70-130		
Surrogate: 1,2-Dichloroethane-d4			55.6	ug/l	50.0		111	70-130		
Surrogate: Toluene-d8			51.0	ug/l	50.0		102	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2C0526 - Purge-Trap (Continued)</b>										
<b>LCS Dup (B2C0526-BSD1)</b>					Prepared & Analyzed: 03/08/22					
Acetone	55			ug/l	50.0		110	60-140	13.6	20
Benzene	55			ug/l	50.0		110	70-130	2.21	20
Bromobenzene	52			ug/l	50.0		105	70-130	4.18	20
Bromochloromethane	52			ug/l	50.0		103	70-130	8.02	20
Bromodichloromethane	55			ug/l	50.0		110	70-130	1.13	20
Bromoform	51			ug/l	50.0		102	70-130	5.94	20
Bromomethane	47			ug/l	50.0		94.4	70-130	13.2	20
2-Butanone	54			ug/l	50.0		109	60-140	5.39	20
tert-Butyl alcohol	54			ug/l	50.0		109	70-130	9.81	20
sec-Butylbenzene	60			ug/l	50.0		120	70-130	2.02	20
n-Butylbenzene	62			ug/l	50.0		123	70-130	0.880	20
tert-Butylbenzene	56			ug/l	50.0		111	70-130	0.866	20
Methyl t-butyl ether (MTBE)	49			ug/l	50.0		97.4	70-130	1.76	20
Carbon Disulfide	48			ug/l	50.0		97.0	50-150	0.724	20
Carbon Tetrachloride	57			ug/l	50.0		114	70-130	1.53	20
Chlorobenzene	52			ug/l	50.0		104	70-130	1.87	20
Chloroethane	48			ug/l	50.0		95.5	70-130	2.63	20
Chloroform	53			ug/l	50.0		106	70-130	2.18	20
Chloromethane	41			ug/l	50.0		81.3	70-130	3.65	20
4-Chlorotoluene	55			ug/l	50.0		110	70-130	0.489	20
2-Chlorotoluene	51			ug/l	50.0		102	70-130	4.84	20
1,2-Dibromo-3-chloropropane (DBCP)	56			ug/l	50.0		113	70-130	5.13	20
Dibromochloromethane	55			ug/l	50.0		110	70-130	4.93	20
1,2-Dibromoethane (EDB)	52			ug/l	50.0		105	70-130	4.37	20
Dibromomethane	53			ug/l	50.0		106	70-130	1.71	20
1,2-Dichlorobenzene	53			ug/l	50.0		107	70-130	2.06	20
1,3-Dichlorobenzene	54			ug/l	50.0		107	70-130	1.52	20
1,4-Dichlorobenzene	52			ug/l	50.0		104	70-130	2.52	20
1,1-Dichloroethane	54			ug/l	50.0		108	70-130	0.350	20
1,2-Dichloroethane	56			ug/l	50.0		112	70-130	0.251	20
trans-1,2-Dichloroethene	52			ug/l	50.0		105	70-130	0.0763	20
cis-1,2-Dichloroethene	47			ug/l	50.0		93.1	70-130	4.23	20
1,1-Dichloroethene	57			ug/l	50.0		115	70-130	0.0697	20
1,2-Dichloropropane	56			ug/l	50.0		111	70-130	0.0898	20
2,2-Dichloropropane	55			ug/l	50.0		110	70-130	0.761	20
cis-1,3-Dichloropropene	53			ug/l	50.0		105	70-130	2.44	20
trans-1,3-Dichloropropene	56			ug/l	50.0		111	70-130	0.215	20
1,1-Dichloropropene	58			ug/l	50.0		117	70-130	5.52	20
Diethyl ether	45			ug/l	50.0		89.2	70-130	3.16	20
1,4-Dioxane	292			ug/l	250		117	50-150	11.9	20
Ethylbenzene	54			ug/l	50.0		108	70-130	1.03	20
Hexachlorobutadiene	56			ug/l	50.0		112	70-130	12.2	20
2-Hexanone	56			ug/l	50.0		113	70-130	4.32	20
Isopropylbenzene	55			ug/l	50.0		109	70-130	2.54	20
p-Isopropyltoluene	60			ug/l	50.0		120	70-130	1.03	20
Methylene Chloride	48			ug/l	50.0		96.6	70-130	1.42	20
4-Methyl-2-pentanone	57			ug/l	50.0		114	70-130	0.194	20
Naphthalene	66			ug/l	50.0		131	70-130	26.3	20
n-Propylbenzene	59			ug/l	50.0		119	70-130	0.957	20
Styrene	55			ug/l	50.0		109	70-130	0.0918	20
1,1,1,2-Tetrachloroethane	54			ug/l	50.0		109	70-130	5.95	20
Tetrachloroethene	49			ug/l	50.0		97.6	70-130	10.6	20
Tetrahydrofuran	50			ug/l	50.0		100	50-150	1.68	20
Toluene	54			ug/l	50.0		107	70-130	0.542	20
1,2,4-Trichlorobenzene	56			ug/l	50.0		111	70-130	6.05	20
1,2,3-Trichlorobenzene	62			ug/l	50.0		124	70-130	30.9	20
1,1,2-Trichloroethane	54			ug/l	50.0		108	70-130	3.07	20

**Quality Control  
(Continued)**

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2C0526 - Purge-Trap (Continued)</b>										
<b>LCS Dup (B2C0526-BSD1)</b>					Prepared & Analyzed: 03/08/22					
1,1,1-Trichloroethane	58			ug/l	50.0		115	70-130	0.295	20
Trichloroethene	51			ug/l	50.0		102	70-130	1.32	20
1,2,3-Trichloropropane	57			ug/l	50.0		114	70-130	1.43	20
1,3,5-Trimethylbenzene	56			ug/l	50.0		112	70-130	0.0893	20
1,2,4-Trimethylbenzene	56			ug/l	50.0		111	70-130	0.649	20
Vinyl Chloride	43			ug/l	50.0		85.2	70-130	1.16	20
o-Xylene	49			ug/l	50.0		97.4	70-130	9.51	20
m&p-Xylene	105			ug/l	100		105	70-130	0.823	20
1,1,1,2-Tetrachloroethane	56			ug/l	50.0		112	70-130	2.35	20
tert-Amyl methyl ether	50			ug/l	50.0		99.3	70-130	1.73	20
1,3-Dichloropropane	55			ug/l	50.0		110	70-130	1.65	20
Ethyl tert-butyl ether	47			ug/l	50.0		94.1	70-130	3.45	20
Trichlorofluoromethane	43			ug/l	50.0		85.4	70-130	0.746	20
Dichlorodifluoromethane	28			ug/l	50.0		55.7	70-130	2.43	20
<hr/>										
<i>Surrogate: 4-Bromofluorobenzene</i>			<i>49.6</i>	<i>ug/l</i>	<i>50.0</i>		<i>99.1</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>44.1</i>	<i>ug/l</i>	<i>50.0</i>		<i>88.3</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>49.9</i>	<i>ug/l</i>	<i>50.0</i>		<i>99.9</i>	<i>70-130</i>		

**Quality Control**  
(Continued)

**Polychlorinated Biphenyls (PCBs)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2C0599 - EPA 3546</b>										
<b>Blank (B2C0599-BLK1)</b>										
					Prepared: 03/10/22 Analyzed: 03/11/22					
Aroclor-1016	ND		66	ug/kg						
Aroclor-1221	ND		66	ug/kg						
Aroclor-1232	ND		66	ug/kg						
Aroclor-1242	ND		66	ug/kg						
Aroclor-1248	ND		66	ug/kg						
Aroclor-1254	ND		66	ug/kg						
Aroclor-1260	ND		66	ug/kg						
Aroclor-1262	ND		66	ug/kg						
Aroclor-1268	ND		66	ug/kg						
PCBs (Total)	ND		66	ug/kg						
-----										
<i>Surrogate: 2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>			7.65	ug/kg	13.3		57.4	36.2-130		
<i>Surrogate: Decachlorobiphenyl (DCBP)</i>			7.75	ug/kg	13.3		58.1	43.3-130		
<b>LCS (B2C0599-BS1)</b>										
					Prepared: 03/10/22 Analyzed: 03/11/22					
Aroclor-1242	103		66	ug/kg	83.3		123	58.2-125		
-----										
<i>Surrogate: 2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>			12.0	ug/kg	13.3		89.7	36.2-130		
<i>Surrogate: Decachlorobiphenyl (DCBP)</i>			8.79	ug/kg	13.3		65.9	43.3-130		
<b>LCS Dup (B2C0599-BSD1)</b>										
					Prepared: 03/10/22 Analyzed: 03/11/22					
Aroclor-1242	94		66	ug/kg	83.3		113	58.2-125	8.73	20
-----										
<i>Surrogate: 2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>			10.9	ug/kg	13.3		81.7	36.2-130		
<i>Surrogate: Decachlorobiphenyl (DCBP)</i>			8.67	ug/kg	13.3		65.1	43.3-130		

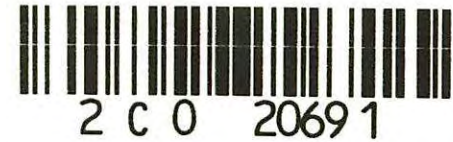
**Quality Control**  
(Continued)

**Total Petroleum Hydrocarbons**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2C0570 - Sep-Funnel-extraction</b>										
<b>Blank (B2C0570-BLK1)</b>										
					Prepared: 03/10/22 Analyzed: 03/11/22					
Total Petroleum Hydrocarbons	ND		200	ug/l						
-----										
Surrogate: Chlorooctadecane			99.8	ug/l	125		79.8	47-115		
<b>LCS (B2C0570-BS1)</b>										
					Prepared: 03/10/22 Analyzed: 03/11/22					
Total Petroleum Hydrocarbons	5440		200	ug/l	10000		54.4	32.6-125		
-----										
Surrogate: Chlorooctadecane			119	ug/l	125		95.2	47-115		

## Notes and Definitions

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



CHAIN OF CUSTODY RECORD

PROJ. NO.		PROJECT NAME/LOCATION				PRESERVATIVE	TESTS*				REMARKS			
21106.00		S/LIA/M Rogers HS					TPH	VOCs	Lead	PCBs				
CLIENT		AQUEOUS	SOL	OTHER	NO. OF CONTAINERS									
Puro Corp					.25									
REPORT TO:		C O M P		G R A B		DATE		TIME		SAMPLE I.D.				
Hawshy														
INVOICE TO:														
Acct.														
3/2	2:10					X				4		X	X	
	2:15					X				4		X	X	
	3:15					X				4		X	X	
	10:40						X						X	X
	10:45													
	10:50													
	10:55													
	11:00													
	11:05													
	4:10													
	11:15													
	11:20													
	11:25													
✓	11:30						X							

Sampled by: (Signature) <i>Adrian Reed</i>	Date/Time 3/2 4:13	Received by: (Signature)	Date/Time	Laboratory Remarks: Temp. received: _____ Cooled <input type="checkbox"/>	Special Instructions: List Specific Detection Limit Requirements:
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time		
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature) <i>Oliver</i>	Date/Time 3/2/22 16:33		
					Turnaround (Business Days) _____

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





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

**CHAIN OF CUSTODY RECORD**

PROJ NO	CLIENT	PROJECT NAME/LOCATION		SCORCA	S O L	O T H E R	NO OF CONTAINERS	PRESERVATIVE	TESTS**	REMARKS
		S/L/A/M Rogers AS								
REPORT TO	INVOICE TO	DATE	TIME	C O M P	G R A B	SAMPLE I.D.				
2106.00	Pere Corp.	3/2	2:10			B22-6	4	X	X	
			2:15			B22-6D	4	X	X	
			3:05			B22-8	4	X	X	
			10:40			S-1				X
			10:45			S-2				X
			10:50			S-3				X
			10:55			S-4				X
			11:00			S-5				X
			11:05			S-5D				X
			11:10			S-6				X
			11:15			S-7				X
			11:20			S-8				X
			11:25			S-9				X
			11:30			S-10				X
Special Instructions List Specific Detection Limit Requirements		Trip Blank provided for vol of 3/2 Turnaround (Business Days)								

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



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

## REPORT OF ANALYTICAL RESULTS

**NETLAB Work Order Number: 2C02070**  
**Client Project: 21106.00 - Rogers High School, Newport, RI**

Report Date: 14-March-2022

Prepared for:

Michael Flynn  
Pare Corporation  
8 Blackstone Valley Place  
Lincoln, RI 02865

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

### ***Samples Submitted :***

The samples listed below were submitted to New England Testing Laboratory on 03/02/22. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is 2C02070. Custody records are included in this report.

<b>Lab ID</b>	<b>Sample</b>	<b>Matrix</b>	<b>Date Sampled</b>	<b>Date Received</b>
2C02070-01	PH-1	Soil	03/02/2022	03/02/2022
2C02070-02	PH-2	Soil	03/02/2022	03/02/2022

## ***Request for Analysis***

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

### **PH-1 (Lab Number: 2C02070-01)**

#### **Analysis**

Herbicides  
Pesticides

#### **Method**

EPA 8151A  
EPA 8081B

### **PH-2 (Lab Number: 2C02070-02)**

#### **Analysis**

Herbicides  
Pesticides

#### **Method**

EPA 8151A  
EPA 8081B

## ***Method References***

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

## Case Narrative

### Sample Receipt:

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

Exceptions: None

### Analysis:

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

Exceptions: None

## Results: Pesticides

Sample: PH-1

Lab Number: 2C02070-01 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
alpha-BHC	ND		2.28	ug/kg	03/10/22	03/11/22
gamma-BHC (Lindane)	ND		2.28	ug/kg	03/10/22	03/11/22
beta-BHC	ND		2.28	ug/kg	03/10/22	03/11/22
delta-BHC	ND		2.28	ug/kg	03/10/22	03/11/22
Heptachlor	ND		2.28	ug/kg	03/10/22	03/11/22
Aldrin	ND		2.28	ug/kg	03/10/22	03/11/22
Heptachlor epoxide	ND		2.28	ug/kg	03/10/22	03/11/22
gamma-Chlordane	ND		2.28	ug/kg	03/10/22	03/11/22
alpha-Chlordane	ND		2.28	ug/kg	03/10/22	03/11/22
Chlordane	ND		22.8	ug/kg	03/10/22	03/11/22
<b>4,4'-DDE</b>	<b>6.48</b>		4.54	ug/kg	03/10/22	03/11/22
Endosulfan I	ND		2.28	ug/kg	03/10/22	03/11/22
Dieldrin	ND		2.28	ug/kg	03/10/22	03/11/22
Endrin	ND		2.28	ug/kg	03/10/22	03/11/22
4,4'-DDD	ND		4.54	ug/kg	03/10/22	03/11/22
Endosulfan II	ND		2.28	ug/kg	03/10/22	03/11/22
Endrin aldehyde	ND		2.28	ug/kg	03/10/22	03/11/22
<b>4,4'-DDT</b>	<b>7.08</b>		4.54	ug/kg	03/10/22	03/11/22
Methoxychlor	ND		4.54	ug/kg	03/10/22	03/11/22
Endosulfan sulfate	ND		2.28	ug/kg	03/10/22	03/11/22
Endrin Ketone	ND		2.28	ug/kg	03/10/22	03/11/22
Toxaphene	ND		22.8	ug/kg	03/10/22	03/11/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	35.5%		30-106		03/10/22	03/11/22
<i>Decachlorobiphenyl (DCBP)</i>	45.7%		32-110		03/10/22	03/11/22

## Results: Pesticides

**Sample: PH-2**

**Lab Number: 2C02070-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
alpha-BHC	ND		2.17	ug/kg	03/10/22	03/11/22
gamma-BHC (Lindane)	ND		2.17	ug/kg	03/10/22	03/11/22
beta-BHC	ND		2.17	ug/kg	03/10/22	03/11/22
delta-BHC	ND		2.17	ug/kg	03/10/22	03/11/22
Heptachlor	ND		2.17	ug/kg	03/10/22	03/11/22
Aldrin	ND		2.17	ug/kg	03/10/22	03/11/22
Heptachlor epoxide	ND		2.17	ug/kg	03/10/22	03/11/22
gamma-Chlordane	ND		2.17	ug/kg	03/10/22	03/11/22
alpha-Chlordane	ND		2.17	ug/kg	03/10/22	03/11/22
Chlordane	ND		21.7	ug/kg	03/10/22	03/11/22
4,4'-DDE	ND		4.32	ug/kg	03/10/22	03/11/22
Endosulfan I	ND		2.17	ug/kg	03/10/22	03/11/22
Dieldrin	ND		2.17	ug/kg	03/10/22	03/11/22
Endrin	ND		2.17	ug/kg	03/10/22	03/11/22
4,4'-DDD	ND		4.32	ug/kg	03/10/22	03/11/22
Endosulfan II	ND		2.17	ug/kg	03/10/22	03/11/22
Endrin aldehyde	ND		2.17	ug/kg	03/10/22	03/11/22
4,4'-DDT	ND		4.32	ug/kg	03/10/22	03/11/22
Methoxychlor	ND		4.32	ug/kg	03/10/22	03/11/22
Endosulfan sulfate	ND		2.17	ug/kg	03/10/22	03/11/22
Endrin Ketone	ND		2.17	ug/kg	03/10/22	03/11/22
Toxaphene	ND		21.7	ug/kg	03/10/22	03/11/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	<i>44.6%</i>		<i>30-106</i>		03/10/22	03/11/22
<i>Decachlorobiphenyl (DCBP)</i>	<i>66.4%</i>		<i>32-110</i>		03/10/22	03/11/22

**Results: Herbicides****Sample: PH-1****Lab Number: 2C02070-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Dalapon	ND		135	ug/kg	03/09/22	03/14/22
Dicamba	ND		68	ug/kg	03/09/22	03/14/22
Dichloroprop	ND		68	ug/kg	03/09/22	03/14/22
2,4-D	ND		68	ug/kg	03/09/22	03/14/22
2,4,5-TP (Silvex)	ND		68	ug/kg	03/09/22	03/14/22
2,4,5-T	ND		68	ug/kg	03/09/22	03/14/22
2,4-DB	ND		68	ug/kg	03/09/22	03/14/22
Dinoseb	ND		135	ug/kg	03/09/22	03/14/22
Surrogate(s)	Recovery%		Limits			
<i>2,4-Dichlorophenyl acetic acid</i>	<i>68.3%</i>		<i>41-145</i>		<i>03/09/22</i>	<i>03/14/22</i>



**Results: Herbicides****Sample: PH-2****Lab Number: 2C02070-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Dalapon	ND		134	ug/kg	03/09/22	03/14/22
Dicamba	ND		67	ug/kg	03/09/22	03/14/22
Dichloroprop	ND		67	ug/kg	03/09/22	03/14/22
2,4-D	ND		67	ug/kg	03/09/22	03/14/22
2,4,5-TP (Silvex)	ND		67	ug/kg	03/09/22	03/14/22
2,4,5-T	ND		67	ug/kg	03/09/22	03/14/22
2,4-DB	ND		67	ug/kg	03/09/22	03/14/22
Dinoseb	ND		134	ug/kg	03/09/22	03/14/22
Surrogate(s)	Recovery%		Limits			
<i>2,4-Dichlorophenyl acetic acid</i>	<i>90.8%</i>		<i>41-145</i>		<i>03/09/22</i>	<i>03/14/22</i>

## Quality Control

### Pesticides

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2C0600 - EPA 3546</b>										
<b>Blank (B2C0600-BLK1)</b>										
					Prepared: 03/10/22 Analyzed: 03/11/22					
alpha-BHC	ND		1.67	ug/kg						
gamma-BHC (Lindane)	ND		1.67	ug/kg						
beta-BHC	ND		1.67	ug/kg						
delta-BHC	ND		1.67	ug/kg						
Heptachlor	ND		1.67	ug/kg						
Aldrin	ND		1.67	ug/kg						
Heptachlor epoxide	ND		1.67	ug/kg						
gamma-Chlordane	ND		1.67	ug/kg						
alpha-Chlordane	ND		1.67	ug/kg						
Chlordane	ND		16.7	ug/kg						
4,4'-DDE	ND		3.33	ug/kg						
Endosulfan I	ND		1.67	ug/kg						
Dieldrin	ND		1.67	ug/kg						
Endrin	ND		1.67	ug/kg						
4,4'-DDD	ND		3.33	ug/kg						
Endrin aldehyde	ND		1.67	ug/kg						
Endosulfan II	ND		1.67	ug/kg						
4,4'-DDT	ND		3.33	ug/kg						
Methoxychlor	ND		3.33	ug/kg						
Endosulfan sulfate	ND		1.67	ug/kg						
Endrin Ketone	ND		1.67	ug/kg						
Toxaphene	ND		16.7	ug/kg						
<hr style="border-top: 1px dashed black;"/>										
<i>Surrogate: 2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>			7.67	ug/kg	13.3		57.5	30-106		
<i>Surrogate: Decachlorobiphenyl (DCBP)</i>			8.21	ug/kg	13.3		61.6	32-110		
<hr style="border-top: 1px dashed black;"/>										
<b>LCS (B2C0600-BS1)</b>										
					Prepared: 03/10/22 Analyzed: 03/11/22					
alpha-BHC	11.7		1.67	ug/kg	13.3		88.0	50-132		
gamma-BHC (Lindane)	11.7		1.67	ug/kg	13.3		87.8	54-128		
beta-BHC	11.5		1.67	ug/kg	13.3		85.9	69-126		
delta-BHC	10.4		1.67	ug/kg	13.3		78.3	40-126		
Heptachlor	11.7		1.67	ug/kg	13.3		87.8	55-125		
Aldrin	11.6		1.67	ug/kg	13.3		86.8	45-135		
Heptachlor epoxide	11.7		1.67	ug/kg	13.3		87.5	54-127		
gamma-Chlordane	12.0		1.67	ug/kg	13.3		90.0	55-124		
alpha-Chlordane	11.6		1.67	ug/kg	13.3		87.1	54-126		
4,4'-DDE	11.9		3.33	ug/kg	13.3		89.2	63-130		
Endosulfan I	11.5		1.67	ug/kg	13.3		86.2	53-128		
Dieldrin	11.7		1.67	ug/kg	13.3		88.1	57-124		
Endrin	11.8		1.67	ug/kg	13.3		88.3	40-140		
4,4'-DDD	11.6		3.33	ug/kg	13.3		86.8	74-140		
Endosulfan II	11.5		1.67	ug/kg	13.3		86.4	45-125		
Endrin aldehyde	11.7		1.67	ug/kg	13.3		88.1	40-140		
4,4'-DDT	12.4		3.33	ug/kg	13.3		92.9	60-140		
Methoxychlor	13.1		3.33	ug/kg	13.3		98.4	71-140		
Endosulfan sulfate	11.3		1.67	ug/kg	13.3		84.9	43-131		
Endrin Ketone	12.4		1.67	ug/kg	13.3		93.0	56-131		
<hr style="border-top: 1px dashed black;"/>										
<i>Surrogate: 2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>			8.48	ug/kg	13.3		63.6	38-106		
<i>Surrogate: Decachlorobiphenyl (DCBP)</i>			8.80	ug/kg	13.3		66.0	32-110		

**Quality Control  
(Continued)**

**Pesticides (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2C0600 - EPA 3546 (Continued)</b>										
<b>LCS Dup (B2C0600-BSD1)</b>										
					Prepared: 03/10/22 Analyzed: 03/11/22					
alpha-BHC	10.1		1.67	ug/kg	13.3		75.9	50-132	14.8	30
gamma-BHC (Lindane)	10.1		1.67	ug/kg	13.3		76.0	54-128	14.5	30
beta-BHC	10.3		1.67	ug/kg	13.3		77.5	69-126	10.3	30
delta-BHC	9.26		1.67	ug/kg	13.3		69.5	40-126	12.0	30
Heptachlor	10.2		1.67	ug/kg	13.3		76.6	55-125	13.6	30
Aldrin	10.1		1.67	ug/kg	13.3		75.6	45-135	13.8	30
Heptachlor epoxide	10.2		1.67	ug/kg	13.3		76.6	54-127	13.3	30
gamma-Chlordane	10.6		1.67	ug/kg	13.3		79.2	55-124	12.8	30
alpha-Chlordane	10.2		1.67	ug/kg	13.3		76.5	54-126	13.0	30
4,4'-DDE	10.4		3.33	ug/kg	13.3		77.9	63-130	13.5	30
Endosulfan I	10.1		1.67	ug/kg	13.3		76.0	53-128	12.6	30
Dieldrin	10.3		1.67	ug/kg	13.3		77.3	57-124	13.1	30
Endrin	10.3		1.67	ug/kg	13.3		77.6	40-140	12.9	30
4,4'-DDD	10.2		3.33	ug/kg	13.3		76.9	74-140	12.2	30
Endosulfan II	10.2		1.67	ug/kg	13.3		76.8	45-125	11.7	30
Endrin aldehyde	9.42		1.67	ug/kg	13.3		70.7	40-140	21.9	30
4,4'-DDT	10.8		3.33	ug/kg	13.3		81.3	60-140	13.3	30
Methoxychlor	11.5		3.33	ug/kg	13.3		86.1	71-140	13.3	30
Endosulfan sulfate	10.2		1.67	ug/kg	13.3		76.7	43-131	10.1	30
Endrin Ketone	11.2		1.67	ug/kg	13.3		84.0	56-131	10.2	30
<i>Surrogate: 2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>			<i>7.63</i>	<i>ug/kg</i>	<i>13.3</i>		<i>57.3</i>	<i>38-106</i>		
<i>Surrogate: Decachlorobiphenyl (DCBP)</i>			<i>8.20</i>	<i>ug/kg</i>	<i>13.3</i>		<i>61.5</i>	<i>32-110</i>		

**Quality Control**  
(Continued)

**Herbicides**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2C0518 - EPA 8151A</b>										
<b>Blank (B2C0518-BLK1)</b>										
					Prepared: 03/09/22 Analyzed: 03/10/22					
Dalapon	ND		100	ug/kg						
Dicamba	ND		50	ug/kg						
Dichloroprop	ND		50	ug/kg						
2,4-D	ND		50	ug/kg						
2,4,5-TP (Silvex)	ND		50	ug/kg						
2,4,5-T	ND		50	ug/kg						
2,4-DB	ND		50	ug/kg						
Dinoseb	ND		100	ug/kg						
<i>Surrogate: 2,4-Dichlorophenyl acetic acid</i>			213	ug/kg	250		85.2	41-145		
<b>LCS (B2C0518-BS1)</b>										
					Prepared: 03/09/22 Analyzed: 03/10/22					
Dalapon	145		100	ug/kg	250		58.2	40-140		
Dicamba	225		50	ug/kg	250		90.0	40-140		
Dichloroprop	247		50	ug/kg	250		98.9	40-140		
2,4-D	230		50	ug/kg	250		92.0	40-140		
2,4,5-TP (Silvex)	237		50	ug/kg	250		94.9	40-140		
2,4,5-T	225		50	ug/kg	250		89.9	40-140		
2,4-DB	202		50	ug/kg	250		80.9	40-140		
Dinoseb	114		100	ug/kg	250		45.6	40-140		
<i>Surrogate: 2,4-Dichlorophenyl acetic acid</i>			263	ug/kg	250		105	41-145		
<b>LCS Dup (B2C0518-BSD1)</b>										
					Prepared: 03/09/22 Analyzed: 03/10/22					
Dalapon	129		100	ug/kg	250		51.4	40-140	12.3	20
Dicamba	215		50	ug/kg	250		86.0	40-140	4.52	20
Dichloroprop	239		50	ug/kg	250		95.7	40-140	3.24	20
2,4-D	222		50	ug/kg	250		88.6	40-140	3.68	20
2,4,5-TP (Silvex)	235		50	ug/kg	250		94.0	40-140	0.962	20
2,4,5-T	217		50	ug/kg	250		86.9	40-140	3.45	20
2,4-DB	222		50	ug/kg	250		88.9	40-140	9.52	20
Dinoseb	123		100	ug/kg	250		49.3	40-140	7.64	20
<i>Surrogate: 2,4-Dichlorophenyl acetic acid</i>			272	ug/kg	250		109	41-145		

## Notes and Definitions

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

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



2 C 0 20707

CHAIN OF CUSTODY RECORD

PROJ. NO.		PROJECT NAME/LOCATION				PRESERVATIVE	TESTS										REMARKS								
21106.00		S/L/A/M Rogers HS					A D D I T I V E	S O I L	O T H E R	N O. O F C O N T A I N E R S	Pesticide Herbicide														
CLIENT Pare		REPORT TO: Horsha																							
INVOICE TO:		SAMPLE I.D.																							
DATE	TIME	C O M P	G R A B																						
3/2	12:00			PH-1					+	1															
✓	12:15			PH-2					+	1															

Sampled by: (Signature) <i>[Signature]</i>	Date/Time 3/2 4:13	Received by: (Signature)	Date/Time	Laboratory Remarks: Temp. received: _____ Cooled <i>70</i>	Special Instructions: List Specific Detection Limit Requirements:
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time		
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature) <i>[Signature]</i>	Date/Time 3/2/22 16:13		
					Turnaround (Business Days) _____

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



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

## REPORT OF ANALYTICAL RESULTS

**NETLAB Work Order Number: 2C02069**  
**Client Project: 21106.00 - Rogers High School, Newport, RI**

Report Date: 14-March-2022

Prepared for:

Michael Flynn  
Pare Corporation  
8 Blackstone Valley Place  
Lincoln, RI 02865

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

**Samples Submitted :**

The samples listed below were submitted to New England Testing Laboratory on 03/02/22. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is 2C02069. Custody records are included in this report.

<b>Lab ID</b>	<b>Sample</b>	<b>Matrix</b>	<b>Date Sampled</b>	<b>Date Received</b>
2C02069-01	B22-6	Water	03/02/2022	03/02/2022
2C02069-02	B22-6D	Water	03/02/2022	03/02/2022
2C02069-03	B22-8	Water	03/02/2022	03/02/2022
2C02069-04	S-1	Soil	03/02/2022	03/02/2022
2C02069-05	S-2	Soil	03/02/2022	03/02/2022
2C02069-06	S-3	Soil	03/02/2022	03/02/2022
2C02069-07	S-4	Soil	03/02/2022	03/02/2022
2C02069-08	S-5	Soil	03/02/2022	03/02/2022
2C02069-09	S-5D	Soil	03/02/2022	03/02/2022
2C02069-10	S-6	Soil	03/02/2022	03/02/2022
2C02069-11	S-7	Soil	03/02/2022	03/02/2022
2C02069-12	S-8	Soil	03/02/2022	03/02/2022
2C02069-13	S-9	Soil	03/02/2022	03/02/2022
2C02069-14	S-10	Soil	03/02/2022	03/02/2022
2C02069-15	Trip Blank	Water	03/02/2022	03/02/2022



## ***Request for Analysis***

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

### **B22-6 (Lab Number: 2C02069-01)**

#### **Analysis**

Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA-8100-mod  
EPA 8260C

### **B22-6D (Lab Number: 2C02069-02)**

#### **Analysis**

Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA-8100-mod  
EPA 8260C

### **B22-8 (Lab Number: 2C02069-03)**

#### **Analysis**

Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA-8100-mod  
EPA 8260C

### **S-1 (Lab Number: 2C02069-04)**

#### **Analysis**

Lead  
PCBs

#### **Method**

EPA 6010C  
EPA 8082A

### **S-10 (Lab Number: 2C02069-14)**

#### **Analysis**

Lead  
PCBs

#### **Method**

EPA 6010C  
EPA 8082A

### **S-2 (Lab Number: 2C02069-05)**

#### **Analysis**

Lead  
PCBs

#### **Method**

EPA 6010C  
EPA 8082A

### **S-3 (Lab Number: 2C02069-06)**

#### **Analysis**

Lead  
PCBs

#### **Method**

EPA 6010C  
EPA 8082A

### **S-4 (Lab Number: 2C02069-07)**

#### **Analysis**

Lead  
PCBs

#### **Method**

EPA 6010C  
EPA 8082A

### **S-5 (Lab Number: 2C02069-08)**

#### **Analysis**

Lead  
PCBs

#### **Method**

EPA 6010C  
EPA 8082A

### **S-5D (Lab Number: 2C02069-09)**

#### **Analysis**

Lead

#### **Method**

EPA 6010C

## ***Request for Analysis (continued)***

### **S-5D (Lab Number: 2C02069-09) (continued)**

#### **Analysis**

PCBs

#### **Method**

EPA 8082A

### **S-6 (Lab Number: 2C02069-10)**

#### **Analysis**

Lead

PCBs

#### **Method**

EPA 6010C

EPA 8082A

### **S-7 (Lab Number: 2C02069-11)**

#### **Analysis**

Lead

PCBs

#### **Method**

EPA 6010C

EPA 8082A

### **S-8 (Lab Number: 2C02069-12)**

#### **Analysis**

Lead

PCBs

#### **Method**

EPA 6010C

EPA 8082A

### **S-9 (Lab Number: 2C02069-13)**

#### **Analysis**

Lead

PCBs

#### **Method**

EPA 6010C

EPA 8082A

### **Trip Blank (Lab Number: 2C02069-15)**

#### **Analysis**

Volatile Organic Compounds

#### **Method**

EPA 8260C

## ***Method References***

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

## Case Narrative

### Sample Receipt:

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

Exceptions: None

### Analysis:

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

Exceptions: None

### Results: Total Metals

**Sample: S-1**

**Lab Number: 2C02069-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Lead	208		0.40	mg/kg	03/03/22	03/08/22

### Results: Total Metals

**Sample: S-2**

**Lab Number: 2C02069-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Lead	91.9		0.34	mg/kg	03/03/22	03/08/22

### Results: Total Metals

**Sample: S-3**

**Lab Number: 2C02069-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Lead	350		0.43	mg/kg	03/03/22	03/08/22

### Results: Total Metals

**Sample: S-4**

**Lab Number: 2C02069-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Lead	151		0.41	mg/kg	03/03/22	03/08/22

### Results: Total Metals

**Sample: S-5**

**Lab Number: 2C02069-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Lead	175		0.53	mg/kg	03/03/22	03/08/22



### Results: Total Metals

**Sample: S-5D**

**Lab Number: 2C02069-09 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Lead	157		0.37	mg/kg	03/03/22	03/08/22

### Results: Total Metals

**Sample: S-6**

**Lab Number: 2C02069-10 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Lead	61.4		0.49	mg/kg	03/03/22	03/08/22

### Results: Total Metals

**Sample: S-7**

**Lab Number: 2C02069-11 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Lead	50.9		0.56	mg/kg	03/03/22	03/08/22

### Results: Total Metals

**Sample: S-8**

**Lab Number: 2C02069-12 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Lead	197		0.48	mg/kg	03/03/22	03/08/22

### Results: Total Metals

**Sample: S-9**

**Lab Number: 2C02069-13 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Lead	51.3		0.45	mg/kg	03/03/22	03/08/22

### Results: Total Metals

**Sample: S-10**

**Lab Number: 2C02069-14 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Lead	433		0.48	mg/kg	03/03/22	03/08/22

## Results: Volatile Organic Compounds

**Sample: B22-6**

**Lab Number: 2C02069-01 (Water)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		33	ug/l	03/08/22	03/08/22
Benzene	ND		1	ug/l	03/08/22	03/08/22
Bromobenzene	ND		1	ug/l	03/08/22	03/08/22
Bromochloromethane	ND		1	ug/l	03/08/22	03/08/22
Bromodichloromethane	ND		1	ug/l	03/08/22	03/08/22
Bromoform	ND		1	ug/l	03/08/22	03/08/22
Bromomethane	ND		1	ug/l	03/08/22	03/08/22
2-Butanone	ND		5	ug/l	03/08/22	03/08/22
tert-Butyl alcohol	ND		5	ug/l	03/08/22	03/08/22
sec-Butylbenzene	ND		1	ug/l	03/08/22	03/08/22
n-Butylbenzene	ND		1	ug/l	03/08/22	03/08/22
tert-Butylbenzene	ND		1	ug/l	03/08/22	03/08/22
Methyl t-butyl ether (MTBE)	ND		1	ug/l	03/08/22	03/08/22
Carbon Disulfide	ND		1	ug/l	03/08/22	03/08/22
Carbon Tetrachloride	ND		1	ug/l	03/08/22	03/08/22
Chlorobenzene	ND		1	ug/l	03/08/22	03/08/22
Chloroethane	ND		1	ug/l	03/08/22	03/08/22
Chloroform	ND		1	ug/l	03/08/22	03/08/22
Chloromethane	ND		2	ug/l	03/08/22	03/08/22
4-Chlorotoluene	ND		1	ug/l	03/08/22	03/08/22
2-Chlorotoluene	ND		1	ug/l	03/08/22	03/08/22
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/l	03/08/22	03/08/22
Dibromochloromethane	ND		1	ug/l	03/08/22	03/08/22
1,2-Dibromoethane (EDB)	ND		1	ug/l	03/08/22	03/08/22
Dibromomethane	ND		1	ug/l	03/08/22	03/08/22
1,2-Dichlorobenzene	ND		1	ug/l	03/08/22	03/08/22
1,3-Dichlorobenzene	ND		1	ug/l	03/08/22	03/08/22
1,4-Dichlorobenzene	ND		1	ug/l	03/08/22	03/08/22
1,1-Dichloroethane	ND		1	ug/l	03/08/22	03/08/22
1,2-Dichloroethane	ND		1	ug/l	03/08/22	03/08/22
trans-1,2-Dichloroethene	ND		1	ug/l	03/08/22	03/08/22
cis-1,2-Dichloroethene	ND		1	ug/l	03/08/22	03/08/22
1,1-Dichloroethene	ND		1	ug/l	03/08/22	03/08/22
1,2-Dichloropropane	ND		1	ug/l	03/08/22	03/08/22
2,2-Dichloropropane	ND		1	ug/l	03/08/22	03/08/22
cis-1,3-Dichloropropene	ND		1	ug/l	03/08/22	03/08/22
trans-1,3-Dichloropropene	ND		1	ug/l	03/08/22	03/08/22
1,1-Dichloropropene	ND		1	ug/l	03/08/22	03/08/22
1,3-Dichloropropene (cis + trans)	ND		2	ug/l	03/08/22	03/08/22
Diethyl ether	ND		5	ug/l	03/08/22	03/08/22
1,4-Dioxane	ND		500	ug/l	03/08/22	03/08/22
Ethylbenzene	ND		1	ug/l	03/08/22	03/08/22
Hexachlorobutadiene	ND		1	ug/l	03/08/22	03/08/22
2-Hexanone	ND		5	ug/l	03/08/22	03/08/22
Isopropylbenzene	ND		1	ug/l	03/08/22	03/08/22
p-Isopropyltoluene	ND		1	ug/l	03/08/22	03/08/22
Methylene Chloride	ND		1	ug/l	03/08/22	03/08/22
4-Methyl-2-pentanone	ND		5	ug/l	03/08/22	03/08/22

## Results: Volatile Organic Compounds (Continued)

**Sample: B22-6 (Continued)**

**Lab Number: 2C02069-01 (Water)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		1	ug/l	03/08/22	03/08/22
n-Propylbenzene	ND		1	ug/l	03/08/22	03/08/22
Styrene	ND		1	ug/l	03/08/22	03/08/22
1,1,1,2-Tetrachloroethane	ND		1	ug/l	03/08/22	03/08/22
Tetrachloroethene	ND		1	ug/l	03/08/22	03/08/22
Tetrahydrofuran	ND		5	ug/l	03/08/22	03/08/22
Toluene	ND		1	ug/l	03/08/22	03/08/22
1,2,4-Trichlorobenzene	ND		1	ug/l	03/08/22	03/08/22
1,2,3-Trichlorobenzene	ND		1	ug/l	03/08/22	03/08/22
1,1,2-Trichloroethane	ND		1	ug/l	03/08/22	03/08/22
1,1,1-Trichloroethane	ND		1	ug/l	03/08/22	03/08/22
Trichloroethene	ND		1	ug/l	03/08/22	03/08/22
1,2,3-Trichloropropane	ND		1	ug/l	03/08/22	03/08/22
1,3,5-Trimethylbenzene	ND		1	ug/l	03/08/22	03/08/22
1,2,4-Trimethylbenzene	ND		1	ug/l	03/08/22	03/08/22
Vinyl Chloride	ND		1	ug/l	03/08/22	03/08/22
o-Xylene	ND		1	ug/l	03/08/22	03/08/22
m&p-Xylene	ND		2	ug/l	03/08/22	03/08/22
Total xylenes	ND		1	ug/l	03/08/22	03/08/22
1,1,2,2-Tetrachloroethane	ND		1	ug/l	03/08/22	03/08/22
tert-Amyl methyl ether	ND		1	ug/l	03/08/22	03/08/22
1,3-Dichloropropane	ND		1	ug/l	03/08/22	03/08/22
Ethyl tert-butyl ether	ND		1	ug/l	03/08/22	03/08/22
Diisopropyl ether	ND		1	ug/l	03/08/22	03/08/22
Trichlorofluoromethane	ND		1	ug/l	03/08/22	03/08/22
Dichlorodifluoromethane	ND		1	ug/l	03/08/22	03/08/22
tert-Amyl Alcohol	ND		5	ug/l	03/08/22	03/08/22
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>95.8%</i>		<i>70-130</i>		<i>03/08/22</i>	<i>03/08/22</i>
<i>1,2-Dichloroethane-d4</i>	<i>94.6%</i>		<i>70-130</i>		<i>03/08/22</i>	<i>03/08/22</i>
<i>Toluene-d8</i>	<i>99.6%</i>		<i>70-130</i>		<i>03/08/22</i>	<i>03/08/22</i>



## Results: Volatile Organic Compounds

**Sample: B22-6D**

**Lab Number: 2C02069-02 (Water)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		33	ug/l	03/08/22	03/08/22
Benzene	ND		1	ug/l	03/08/22	03/08/22
Bromobenzene	ND		1	ug/l	03/08/22	03/08/22
Bromochloromethane	ND		1	ug/l	03/08/22	03/08/22
Bromodichloromethane	ND		1	ug/l	03/08/22	03/08/22
Bromoform	ND		1	ug/l	03/08/22	03/08/22
Bromomethane	ND		1	ug/l	03/08/22	03/08/22
2-Butanone	ND		5	ug/l	03/08/22	03/08/22
tert-Butyl alcohol	ND		5	ug/l	03/08/22	03/08/22
sec-Butylbenzene	ND		1	ug/l	03/08/22	03/08/22
n-Butylbenzene	ND		1	ug/l	03/08/22	03/08/22
tert-Butylbenzene	ND		1	ug/l	03/08/22	03/08/22
Methyl t-butyl ether (MTBE)	ND		1	ug/l	03/08/22	03/08/22
Carbon Disulfide	ND		1	ug/l	03/08/22	03/08/22
Carbon Tetrachloride	ND		1	ug/l	03/08/22	03/08/22
Chlorobenzene	ND		1	ug/l	03/08/22	03/08/22
Chloroethane	ND		1	ug/l	03/08/22	03/08/22
Chloroform	ND		1	ug/l	03/08/22	03/08/22
Chloromethane	ND		1	ug/l	03/08/22	03/08/22
4-Chlorotoluene	ND		1	ug/l	03/08/22	03/08/22
2-Chlorotoluene	ND		1	ug/l	03/08/22	03/08/22
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/l	03/08/22	03/08/22
Dibromochloromethane	ND		1	ug/l	03/08/22	03/08/22
1,2-Dibromoethane (EDB)	ND		1	ug/l	03/08/22	03/08/22
Dibromomethane	ND		1	ug/l	03/08/22	03/08/22
1,2-Dichlorobenzene	ND		1	ug/l	03/08/22	03/08/22
1,3-Dichlorobenzene	ND		1	ug/l	03/08/22	03/08/22
1,4-Dichlorobenzene	ND		1	ug/l	03/08/22	03/08/22
1,1-Dichloroethane	ND		1	ug/l	03/08/22	03/08/22
1,2-Dichloroethane	ND		1	ug/l	03/08/22	03/08/22
trans-1,2-Dichloroethene	ND		1	ug/l	03/08/22	03/08/22
cis-1,2-Dichloroethene	ND		1	ug/l	03/08/22	03/08/22
1,1-Dichloroethene	ND		1	ug/l	03/08/22	03/08/22
1,2-Dichloropropane	ND		1	ug/l	03/08/22	03/08/22
2,2-Dichloropropane	ND		1	ug/l	03/08/22	03/08/22
cis-1,3-Dichloropropene	ND		1	ug/l	03/08/22	03/08/22
trans-1,3-Dichloropropene	ND		1	ug/l	03/08/22	03/08/22
1,1-Dichloropropene	ND		1	ug/l	03/08/22	03/08/22
1,3-Dichloropropene (cis + trans)	ND		2	ug/l	03/08/22	03/08/22
Diethyl ether	ND		5	ug/l	03/08/22	03/08/22
1,4-Dioxane	ND		500	ug/l	03/08/22	03/08/22
Ethylbenzene	ND		1	ug/l	03/08/22	03/08/22
Hexachlorobutadiene	ND		1	ug/l	03/08/22	03/08/22
2-Hexanone	ND		5	ug/l	03/08/22	03/08/22
Isopropylbenzene	ND		1	ug/l	03/08/22	03/08/22
p-Isopropyltoluene	ND		1	ug/l	03/08/22	03/08/22
Methylene Chloride	ND		1	ug/l	03/08/22	03/08/22
4-Methyl-2-pentanone	ND		5	ug/l	03/08/22	03/08/22

## Results: Volatile Organic Compounds (Continued)

**Sample: B22-6D (Continued)**

**Lab Number: 2C02069-02 (Water)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		1	ug/l	03/08/22	03/08/22
n-Propylbenzene	ND		1	ug/l	03/08/22	03/08/22
Styrene	ND		1	ug/l	03/08/22	03/08/22
1,1,1,2-Tetrachloroethane	ND		1	ug/l	03/08/22	03/08/22
Tetrachloroethene	ND		1	ug/l	03/08/22	03/08/22
Tetrahydrofuran	ND		5	ug/l	03/08/22	03/08/22
Toluene	ND		1	ug/l	03/08/22	03/08/22
1,2,4-Trichlorobenzene	ND		1	ug/l	03/08/22	03/08/22
1,2,3-Trichlorobenzene	ND		1	ug/l	03/08/22	03/08/22
1,1,2-Trichloroethane	ND		1	ug/l	03/08/22	03/08/22
1,1,1-Trichloroethane	ND		1	ug/l	03/08/22	03/08/22
Trichloroethene	ND		1	ug/l	03/08/22	03/08/22
1,2,3-Trichloropropane	ND		1	ug/l	03/08/22	03/08/22
1,3,5-Trimethylbenzene	ND		1	ug/l	03/08/22	03/08/22
1,2,4-Trimethylbenzene	ND		1	ug/l	03/08/22	03/08/22
Vinyl Chloride	ND		1	ug/l	03/08/22	03/08/22
o-Xylene	ND		1	ug/l	03/08/22	03/08/22
m&p-Xylene	ND		2	ug/l	03/08/22	03/08/22
Total xylenes	ND		1	ug/l	03/08/22	03/08/22
1,1,2,2-Tetrachloroethane	ND		1	ug/l	03/08/22	03/08/22
tert-Amyl methyl ether	ND		1	ug/l	03/08/22	03/08/22
1,3-Dichloropropane	ND		1	ug/l	03/08/22	03/08/22
Ethyl tert-butyl ether	ND		1	ug/l	03/08/22	03/08/22
Diisopropyl ether	ND		1	ug/l	03/08/22	03/08/22
Trichlorofluoromethane	ND		1	ug/l	03/08/22	03/08/22
Dichlorodifluoromethane	ND		1	ug/l	03/08/22	03/08/22
tert-Amyl Alcohol	ND		5	ug/l	03/08/22	03/08/22
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>94.5%</i>		<i>70-130</i>		<i>03/08/22</i>	<i>03/08/22</i>
<i>1,2-Dichloroethane-d4</i>	<i>92.9%</i>		<i>70-130</i>		<i>03/08/22</i>	<i>03/08/22</i>
<i>Toluene-d8</i>	<i>103%</i>		<i>70-130</i>		<i>03/08/22</i>	<i>03/08/22</i>

## Results: Volatile Organic Compounds

**Sample: B22-8**

**Lab Number: 2C02069-03 (Water)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		16	ug/l	03/08/22	03/08/22
Benzene	ND		1	ug/l	03/08/22	03/08/22
Bromobenzene	ND		1	ug/l	03/08/22	03/08/22
Bromochloromethane	ND		1	ug/l	03/08/22	03/08/22
Bromodichloromethane	ND		1	ug/l	03/08/22	03/08/22
Bromoform	ND		1	ug/l	03/08/22	03/08/22
Bromomethane	ND		1	ug/l	03/08/22	03/08/22
2-Butanone	ND		5	ug/l	03/08/22	03/08/22
tert-Butyl alcohol	ND		5	ug/l	03/08/22	03/08/22
sec-Butylbenzene	ND		1	ug/l	03/08/22	03/08/22
n-Butylbenzene	ND		1	ug/l	03/08/22	03/08/22
tert-Butylbenzene	ND		1	ug/l	03/08/22	03/08/22
Methyl t-butyl ether (MTBE)	ND		1	ug/l	03/08/22	03/08/22
Carbon Disulfide	ND		1	ug/l	03/08/22	03/08/22
Carbon Tetrachloride	ND		1	ug/l	03/08/22	03/08/22
Chlorobenzene	ND		1	ug/l	03/08/22	03/08/22
Chloroethane	ND		1	ug/l	03/08/22	03/08/22
Chloroform	ND		1	ug/l	03/08/22	03/08/22
Chloromethane	ND		1	ug/l	03/08/22	03/08/22
4-Chlorotoluene	ND		1	ug/l	03/08/22	03/08/22
2-Chlorotoluene	ND		1	ug/l	03/08/22	03/08/22
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/l	03/08/22	03/08/22
Dibromochloromethane	ND		1	ug/l	03/08/22	03/08/22
1,2-Dibromoethane (EDB)	ND		1	ug/l	03/08/22	03/08/22
Dibromomethane	ND		1	ug/l	03/08/22	03/08/22
1,2-Dichlorobenzene	ND		1	ug/l	03/08/22	03/08/22
1,3-Dichlorobenzene	ND		1	ug/l	03/08/22	03/08/22
1,4-Dichlorobenzene	ND		1	ug/l	03/08/22	03/08/22
1,1-Dichloroethane	ND		1	ug/l	03/08/22	03/08/22
1,2-Dichloroethane	ND		1	ug/l	03/08/22	03/08/22
trans-1,2-Dichloroethene	ND		1	ug/l	03/08/22	03/08/22
cis-1,2-Dichloroethene	ND		1	ug/l	03/08/22	03/08/22
1,1-Dichloroethene	ND		1	ug/l	03/08/22	03/08/22
1,2-Dichloropropane	ND		1	ug/l	03/08/22	03/08/22
2,2-Dichloropropane	ND		1	ug/l	03/08/22	03/08/22
cis-1,3-Dichloropropene	ND		1	ug/l	03/08/22	03/08/22
trans-1,3-Dichloropropene	ND		1	ug/l	03/08/22	03/08/22
1,1-Dichloropropene	ND		1	ug/l	03/08/22	03/08/22
1,3-Dichloropropene (cis + trans)	ND		2	ug/l	03/08/22	03/08/22
Diethyl ether	ND		5	ug/l	03/08/22	03/08/22
1,4-Dioxane	ND		500	ug/l	03/08/22	03/08/22
Ethylbenzene	ND		1	ug/l	03/08/22	03/08/22
Hexachlorobutadiene	ND		1	ug/l	03/08/22	03/08/22
2-Hexanone	ND		5	ug/l	03/08/22	03/08/22
Isopropylbenzene	ND		1	ug/l	03/08/22	03/08/22
p-Isopropyltoluene	ND		1	ug/l	03/08/22	03/08/22
Methylene Chloride	ND		1	ug/l	03/08/22	03/08/22
4-Methyl-2-pentanone	ND		5	ug/l	03/08/22	03/08/22

## Results: Volatile Organic Compounds (Continued)

**Sample: B22-8 (Continued)**

**Lab Number: 2C02069-03 (Water)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		1	ug/l	03/08/22	03/08/22
n-Propylbenzene	ND		1	ug/l	03/08/22	03/08/22
Styrene	ND		1	ug/l	03/08/22	03/08/22
1,1,1,2-Tetrachloroethane	ND		1	ug/l	03/08/22	03/08/22
Tetrachloroethene	ND		1	ug/l	03/08/22	03/08/22
Tetrahydrofuran	ND		5	ug/l	03/08/22	03/08/22
Toluene	ND		1	ug/l	03/08/22	03/08/22
1,2,4-Trichlorobenzene	ND		1	ug/l	03/08/22	03/08/22
1,2,3-Trichlorobenzene	ND		1	ug/l	03/08/22	03/08/22
1,1,2-Trichloroethane	ND		1	ug/l	03/08/22	03/08/22
1,1,1-Trichloroethane	ND		1	ug/l	03/08/22	03/08/22
Trichloroethene	ND		1	ug/l	03/08/22	03/08/22
1,2,3-Trichloropropane	ND		1	ug/l	03/08/22	03/08/22
1,3,5-Trimethylbenzene	ND		1	ug/l	03/08/22	03/08/22
1,2,4-Trimethylbenzene	ND		1	ug/l	03/08/22	03/08/22
Vinyl Chloride	ND		1	ug/l	03/08/22	03/08/22
o-Xylene	ND		1	ug/l	03/08/22	03/08/22
m&p-Xylene	ND		2	ug/l	03/08/22	03/08/22
Total xylenes	ND		1	ug/l	03/08/22	03/08/22
1,1,2,2-Tetrachloroethane	ND		1	ug/l	03/08/22	03/08/22
tert-Amyl methyl ether	ND		1	ug/l	03/08/22	03/08/22
1,3-Dichloropropane	ND		1	ug/l	03/08/22	03/08/22
Ethyl tert-butyl ether	ND		1	ug/l	03/08/22	03/08/22
Diisopropyl ether	ND		1	ug/l	03/08/22	03/08/22
Trichlorofluoromethane	ND		1	ug/l	03/08/22	03/08/22
Dichlorodifluoromethane	ND		1	ug/l	03/08/22	03/08/22
tert-Amyl Alcohol	ND		5	ug/l	03/08/22	03/08/22
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	92.7%		70-130		03/08/22	03/08/22
<i>1,2-Dichloroethane-d4</i>	96.9%		70-130		03/08/22	03/08/22
<i>Toluene-d8</i>	98.1%		70-130		03/08/22	03/08/22

## Results: Volatile Organic Compounds

**Sample: Trip Blank**

**Lab Number: 2C02069-15 (Water)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		5	ug/l	03/08/22	03/08/22
Benzene	ND		1	ug/l	03/08/22	03/08/22
Bromobenzene	ND		1	ug/l	03/08/22	03/08/22
Bromochloromethane	ND		1	ug/l	03/08/22	03/08/22
Bromodichloromethane	ND		1	ug/l	03/08/22	03/08/22
Bromoform	ND		1	ug/l	03/08/22	03/08/22
Bromomethane	ND		1	ug/l	03/08/22	03/08/22
2-Butanone	ND		5	ug/l	03/08/22	03/08/22
tert-Butyl alcohol	ND		5	ug/l	03/08/22	03/08/22
sec-Butylbenzene	ND		1	ug/l	03/08/22	03/08/22
n-Butylbenzene	ND		1	ug/l	03/08/22	03/08/22
tert-Butylbenzene	ND		1	ug/l	03/08/22	03/08/22
Methyl t-butyl ether (MTBE)	ND		1	ug/l	03/08/22	03/08/22
Carbon Disulfide	ND		1	ug/l	03/08/22	03/08/22
Carbon Tetrachloride	ND		1	ug/l	03/08/22	03/08/22
Chlorobenzene	ND		1	ug/l	03/08/22	03/08/22
Chloroethane	ND		1	ug/l	03/08/22	03/08/22
Chloroform	ND		1	ug/l	03/08/22	03/08/22
Chloromethane	ND		1	ug/l	03/08/22	03/08/22
4-Chlorotoluene	ND		1	ug/l	03/08/22	03/08/22
2-Chlorotoluene	ND		1	ug/l	03/08/22	03/08/22
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/l	03/08/22	03/08/22
Dibromochloromethane	ND		1	ug/l	03/08/22	03/08/22
1,2-Dibromoethane (EDB)	ND		1	ug/l	03/08/22	03/08/22
Dibromomethane	ND		1	ug/l	03/08/22	03/08/22
1,2-Dichlorobenzene	ND		1	ug/l	03/08/22	03/08/22
1,3-Dichlorobenzene	ND		1	ug/l	03/08/22	03/08/22
1,4-Dichlorobenzene	ND		1	ug/l	03/08/22	03/08/22
1,1-Dichloroethane	ND		1	ug/l	03/08/22	03/08/22
1,2-Dichloroethane	ND		1	ug/l	03/08/22	03/08/22
trans-1,2-Dichloroethene	ND		1	ug/l	03/08/22	03/08/22
cis-1,2-Dichloroethene	ND		1	ug/l	03/08/22	03/08/22
1,1-Dichloroethene	ND		1	ug/l	03/08/22	03/08/22
1,2-Dichloropropane	ND		1	ug/l	03/08/22	03/08/22
2,2-Dichloropropane	ND		1	ug/l	03/08/22	03/08/22
cis-1,3-Dichloropropene	ND		1	ug/l	03/08/22	03/08/22
trans-1,3-Dichloropropene	ND		1	ug/l	03/08/22	03/08/22
1,1-Dichloropropene	ND		1	ug/l	03/08/22	03/08/22
1,3-Dichloropropene (cis + trans)	ND		2	ug/l	03/08/22	03/08/22
Diethyl ether	ND		5	ug/l	03/08/22	03/08/22
1,4-Dioxane	ND		500	ug/l	03/08/22	03/08/22
Ethylbenzene	ND		1	ug/l	03/08/22	03/08/22
Hexachlorobutadiene	ND		1	ug/l	03/08/22	03/08/22
2-Hexanone	ND		5	ug/l	03/08/22	03/08/22
Isopropylbenzene	ND		1	ug/l	03/08/22	03/08/22
p-Isopropyltoluene	ND		1	ug/l	03/08/22	03/08/22
Methylene Chloride	ND		1	ug/l	03/08/22	03/08/22
4-Methyl-2-pentanone	ND		5	ug/l	03/08/22	03/08/22

## Results: Volatile Organic Compounds (Continued)

**Sample: Trip Blank (Continued)**

**Lab Number: 2C02069-15 (Water)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		1	ug/l	03/08/22	03/08/22
n-Propylbenzene	ND		1	ug/l	03/08/22	03/08/22
Styrene	ND		1	ug/l	03/08/22	03/08/22
1,1,1,2-Tetrachloroethane	ND		1	ug/l	03/08/22	03/08/22
Tetrachloroethene	ND		1	ug/l	03/08/22	03/08/22
Tetrahydrofuran	ND		5	ug/l	03/08/22	03/08/22
Toluene	ND		1	ug/l	03/08/22	03/08/22
1,2,4-Trichlorobenzene	ND		1	ug/l	03/08/22	03/08/22
1,2,3-Trichlorobenzene	ND		1	ug/l	03/08/22	03/08/22
1,1,2-Trichloroethane	ND		1	ug/l	03/08/22	03/08/22
1,1,1-Trichloroethane	ND		1	ug/l	03/08/22	03/08/22
Trichloroethene	ND		1	ug/l	03/08/22	03/08/22
1,2,3-Trichloropropane	ND		1	ug/l	03/08/22	03/08/22
1,3,5-Trimethylbenzene	ND		1	ug/l	03/08/22	03/08/22
1,2,4-Trimethylbenzene	ND		1	ug/l	03/08/22	03/08/22
Vinyl Chloride	ND		1	ug/l	03/08/22	03/08/22
o-Xylene	ND		1	ug/l	03/08/22	03/08/22
m&p-Xylene	ND		2	ug/l	03/08/22	03/08/22
Total xylenes	ND		1	ug/l	03/08/22	03/08/22
1,1,2,2-Tetrachloroethane	ND		1	ug/l	03/08/22	03/08/22
tert-Amyl methyl ether	ND		1	ug/l	03/08/22	03/08/22
1,3-Dichloropropane	ND		1	ug/l	03/08/22	03/08/22
Ethyl tert-butyl ether	ND		1	ug/l	03/08/22	03/08/22
Diisopropyl ether	ND		1	ug/l	03/08/22	03/08/22
Trichlorofluoromethane	ND		1	ug/l	03/08/22	03/08/22
Dichlorodifluoromethane	ND		1	ug/l	03/08/22	03/08/22
tert-Amyl Alcohol	ND		5	ug/l	03/08/22	03/08/22
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>93.8%</i>		<i>70-130</i>		<i>03/08/22</i>	<i>03/08/22</i>
<i>1,2-Dichloroethane-d4</i>	<i>101%</i>		<i>70-130</i>		<i>03/08/22</i>	<i>03/08/22</i>
<i>Toluene-d8</i>	<i>101%</i>		<i>70-130</i>		<i>03/08/22</i>	<i>03/08/22</i>

## Results: Polychlorinated Biphenyls (PCBs)

**Sample: S-1**

**Lab Number: 2C02069-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1221	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1232	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1242	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1248	ND		78	ug/kg	03/10/22	03/11/22
<b>Aroclor-1254</b>	<b>397</b>		78	ug/kg	03/10/22	03/11/22
<b>Aroclor-1260</b>	<b>315</b>		78	ug/kg	03/10/22	03/11/22
Aroclor-1262	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1268	ND		78	ug/kg	03/10/22	03/11/22
<b>PCBs (Total)</b>	<b>713</b>		78	ug/kg	03/10/22	03/11/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	66.7%		36.2-130		03/10/22	03/11/22
<i>Decachlorobiphenyl (DCBP)</i>	61.5%		43.3-130		03/10/22	03/11/22

## Results: Polychlorinated Biphenyls (PCBs)

**Sample: S-2**

**Lab Number: 2C02069-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		80	ug/kg	03/10/22	03/11/22
Aroclor-1221	ND		80	ug/kg	03/10/22	03/11/22
Aroclor-1232	ND		80	ug/kg	03/10/22	03/11/22
Aroclor-1242	ND		80	ug/kg	03/10/22	03/11/22
Aroclor-1248	ND		80	ug/kg	03/10/22	03/11/22
Aroclor-1254	ND		80	ug/kg	03/10/22	03/11/22
Aroclor-1260	ND		80	ug/kg	03/10/22	03/11/22
Aroclor-1262	ND		80	ug/kg	03/10/22	03/11/22
Aroclor-1268	ND		80	ug/kg	03/10/22	03/11/22
PCBs (Total)	ND		80	ug/kg	03/10/22	03/11/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	60.8%		36.2-130		03/10/22	03/11/22
<i>Decachlorobiphenyl (DCBP)</i>	69.7%		43.3-130		03/10/22	03/11/22



## Results: Polychlorinated Biphenyls (PCBs)

**Sample: S-3**

**Lab Number: 2C02069-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		99	ug/kg	03/10/22	03/11/22
Aroclor-1221	ND		99	ug/kg	03/10/22	03/11/22
Aroclor-1232	ND		99	ug/kg	03/10/22	03/11/22
Aroclor-1242	ND		99	ug/kg	03/10/22	03/11/22
Aroclor-1248	ND		99	ug/kg	03/10/22	03/11/22
<b>Aroclor-1254</b>	<b>3450</b>		990	ug/kg	03/10/22	03/12/22
Aroclor-1260	ND		99	ug/kg	03/10/22	03/11/22
Aroclor-1262	ND		99	ug/kg	03/10/22	03/11/22
Aroclor-1268	ND		99	ug/kg	03/10/22	03/11/22
<b>PCBs (Total)</b>	<b>3450</b>		990	ug/kg	03/10/22	03/11/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	80.9%		36.2-130		03/10/22	03/11/22
<i>Decachlorobiphenyl (DCBP)</i>	87.7%		43.3-130		03/10/22	03/11/22

## Results: Polychlorinated Biphenyls (PCBs)

**Sample: S-4**

**Lab Number: 2C02069-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		84	ug/kg	03/10/22	03/11/22
Aroclor-1221	ND		84	ug/kg	03/10/22	03/11/22
Aroclor-1232	ND		84	ug/kg	03/10/22	03/11/22
Aroclor-1242	ND		84	ug/kg	03/10/22	03/11/22
Aroclor-1248	ND		84	ug/kg	03/10/22	03/11/22
Aroclor-1254	ND		84	ug/kg	03/10/22	03/11/22
Aroclor-1260	ND		84	ug/kg	03/10/22	03/11/22
Aroclor-1262	ND		84	ug/kg	03/10/22	03/11/22
Aroclor-1268	ND		84	ug/kg	03/10/22	03/11/22
PCBs (Total)	ND		84	ug/kg	03/10/22	03/11/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	70.8%		36.2-130		03/10/22	03/11/22
<i>Decachlorobiphenyl (DCBP)</i>	69.2%		43.3-130		03/10/22	03/11/22

## Results: Polychlorinated Biphenyls (PCBs)

**Sample: S-5**

**Lab Number: 2C02069-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		87	ug/kg	03/10/22	03/11/22
Aroclor-1221	ND		87	ug/kg	03/10/22	03/11/22
Aroclor-1232	ND		87	ug/kg	03/10/22	03/11/22
Aroclor-1242	ND		87	ug/kg	03/10/22	03/11/22
Aroclor-1248	ND		87	ug/kg	03/10/22	03/11/22
<b>Aroclor-1254</b>	<b>93</b>		87	ug/kg	03/10/22	03/11/22
Aroclor-1260	ND		87	ug/kg	03/10/22	03/11/22
Aroclor-1262	ND		87	ug/kg	03/10/22	03/11/22
Aroclor-1268	ND		87	ug/kg	03/10/22	03/11/22
<b>PCBs (Total)</b>	<b>93</b>		87	ug/kg	03/10/22	03/11/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	53.4%		36.2-130		03/10/22	03/11/22
<i>Decachlorobiphenyl (DCBP)</i>	70.7%		43.3-130		03/10/22	03/11/22

## Results: Polychlorinated Biphenyls (PCBs)

**Sample: S-5D**

**Lab Number: 2C02069-09 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		88	ug/kg	03/10/22	03/11/22
Aroclor-1221	ND		88	ug/kg	03/10/22	03/11/22
Aroclor-1232	ND		88	ug/kg	03/10/22	03/11/22
Aroclor-1242	ND		88	ug/kg	03/10/22	03/11/22
Aroclor-1248	ND		88	ug/kg	03/10/22	03/11/22
<b>Aroclor-1254</b>	<b>95</b>		88	ug/kg	03/10/22	03/11/22
Aroclor-1260	ND		88	ug/kg	03/10/22	03/11/22
Aroclor-1262	ND		88	ug/kg	03/10/22	03/11/22
Aroclor-1268	ND		88	ug/kg	03/10/22	03/11/22
<b>PCBs (Total)</b>	<b>95</b>		88	ug/kg	03/10/22	03/11/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	54.4%		36.2-130		03/10/22	03/11/22
<i>Decachlorobiphenyl (DCBP)</i>	61.8%		43.3-130		03/10/22	03/11/22

## Results: Polychlorinated Biphenyls (PCBs)

**Sample: S-6**

**Lab Number: 2C02069-10 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1221	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1232	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1242	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1248	ND		78	ug/kg	03/10/22	03/11/22
<b>Aroclor-1254</b>	<b>225</b>		78	ug/kg	03/10/22	03/11/22
Aroclor-1260	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1262	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1268	ND		78	ug/kg	03/10/22	03/11/22
<b>PCBs (Total)</b>	<b>225</b>		78	ug/kg	03/10/22	03/11/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	67.1%		36.2-130		03/10/22	03/11/22
<i>Decachlorobiphenyl (DCBP)</i>	83.6%		43.3-130		03/10/22	03/11/22

**Results: Polychlorinated Biphenyls (PCBs)****Sample: S-7****Lab Number: 2C02069-11 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		87	ug/kg	03/10/22	03/11/22
Aroclor-1221	ND		87	ug/kg	03/10/22	03/11/22
Aroclor-1232	ND		87	ug/kg	03/10/22	03/11/22
Aroclor-1242	ND		87	ug/kg	03/10/22	03/11/22
Aroclor-1248	ND		87	ug/kg	03/10/22	03/11/22
Aroclor-1254	ND		87	ug/kg	03/10/22	03/11/22
Aroclor-1260	ND		87	ug/kg	03/10/22	03/11/22
Aroclor-1262	ND		87	ug/kg	03/10/22	03/11/22
Aroclor-1268	ND		87	ug/kg	03/10/22	03/11/22
PCBs (Total)	ND		87	ug/kg	03/10/22	03/11/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	62.2%		36.2-130		03/10/22	03/11/22
<i>Decachlorobiphenyl (DCBP)</i>	77.3%		43.3-130		03/10/22	03/11/22

## Results: Polychlorinated Biphenyls (PCBs)

**Sample: S-8**

**Lab Number: 2C02069-12 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		86	ug/kg	03/10/22	03/11/22
Aroclor-1221	ND		86	ug/kg	03/10/22	03/11/22
Aroclor-1232	ND		86	ug/kg	03/10/22	03/11/22
Aroclor-1242	ND		86	ug/kg	03/10/22	03/11/22
Aroclor-1248	ND		86	ug/kg	03/10/22	03/11/22
Aroclor-1254	ND		86	ug/kg	03/10/22	03/11/22
Aroclor-1260	ND		86	ug/kg	03/10/22	03/11/22
Aroclor-1262	ND		86	ug/kg	03/10/22	03/11/22
Aroclor-1268	ND		86	ug/kg	03/10/22	03/11/22
PCBs (Total)	ND		86	ug/kg	03/10/22	03/11/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	49.7%		36.2-130		03/10/22	03/11/22
<i>Decachlorobiphenyl (DCBP)</i>	99.1%		43.3-130		03/10/22	03/11/22

**Results: Polychlorinated Biphenyls (PCBs)****Sample: S-9****Lab Number: 2C02069-13 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1221	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1232	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1242	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1248	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1254	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1260	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1262	ND		78	ug/kg	03/10/22	03/11/22
Aroclor-1268	ND		78	ug/kg	03/10/22	03/11/22
PCBs (Total)	ND		78	ug/kg	03/10/22	03/11/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	<i>69.1%</i>		<i>36.2-130</i>		03/10/22	03/11/22
<i>Decachlorobiphenyl (DCBP)</i>	<i>78.3%</i>		<i>43.3-130</i>		03/10/22	03/11/22



## Results: Polychlorinated Biphenyls (PCBs)

**Sample: S-10**

**Lab Number: 2C02069-14 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aroclor-1016	ND		86	ug/kg	03/10/22	03/11/22
Aroclor-1221	ND		86	ug/kg	03/10/22	03/11/22
Aroclor-1232	ND		86	ug/kg	03/10/22	03/11/22
Aroclor-1242	ND		86	ug/kg	03/10/22	03/11/22
Aroclor-1248	ND		86	ug/kg	03/10/22	03/11/22
Aroclor-1254	ND		86	ug/kg	03/10/22	03/11/22
Aroclor-1260	ND		86	ug/kg	03/10/22	03/11/22
Aroclor-1262	ND		86	ug/kg	03/10/22	03/11/22
Aroclor-1268	ND		86	ug/kg	03/10/22	03/11/22
PCBs (Total)	ND		86	ug/kg	03/10/22	03/11/22
Surrogate(s)	Recovery%		Limits			
<i>2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>	<i>61.0%</i>		<i>36.2-130</i>		03/10/22	03/11/22
<i>Decachlorobiphenyl (DCBP)</i>	<i>89.8%</i>		<i>43.3-130</i>		03/10/22	03/11/22

**Results: Total Petroleum Hydrocarbons****Sample: B22-6****Lab Number: 2C02069-01 (Water)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		1000	ug/l	03/10/22	03/11/22
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>82.9%</i>		<i>47-115</i>		03/10/22	03/11/22

**Results: Total Petroleum Hydrocarbons****Sample: B22-6D****Lab Number: 2C02069-02 (Water)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		1000	ug/l	03/10/22	03/11/22
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>78.7%</i>		<i>47-115</i>		03/10/22	03/11/22

**Results: Total Petroleum Hydrocarbons****Sample: B22-8****Lab Number: 2C02069-03 (Water)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		1000	ug/l	03/10/22	03/11/22
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>90.7%</i>		<i>47-115</i>		03/10/22	03/11/22

## Quality Control

### Total Metals

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2C0237 - Metals Digestion Soils</b>										
<b>Blank (B2C0237-BLK1)</b>										
Lead	ND		0.50	mg/kg						Prepared: 03/03/22 Analyzed: 03/07/22
<b>LCS (B2C0237-BS1)</b>										
Lead	89.4		0.50	mg/kg	100		89.4	85-115		

**Quality Control**  
(Continued)

**Volatile Organic Compounds**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2C0526 - Purge-Trap</b>					Prepared & Analyzed: 03/08/22					
<b>Blank (B2C0526-BLK1)</b>										
Acetone	ND		5	ug/l						
Benzene	ND		1	ug/l						
Bromobenzene	ND		1	ug/l						
Bromochloromethane	ND		1	ug/l						
Bromodichloromethane	ND		1	ug/l						
Bromoform	ND		1	ug/l						
Bromomethane	ND		1	ug/l						
2-Butanone	ND		5	ug/l						
tert-Butyl alcohol	ND		5	ug/l						
sec-Butylbenzene	ND		1	ug/l						
n-Butylbenzene	ND		1	ug/l						
tert-Butylbenzene	ND		1	ug/l						
Methyl t-butyl ether (MTBE)	ND		1	ug/l						
Carbon Disulfide	ND		1	ug/l						
Carbon Tetrachloride	ND		1	ug/l						
Chlorobenzene	ND		1	ug/l						
Chloroethane	ND		1	ug/l						
Chloroform	ND		1	ug/l						
Chloromethane	ND		1	ug/l						
4-Chlorotoluene	ND		1	ug/l						
2-Chlorotoluene	ND		1	ug/l						
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/l						
Dibromochloromethane	ND		1	ug/l						
1,2-Dibromoethane (EDB)	ND		1	ug/l						
Dibromomethane	ND		1	ug/l						
1,2-Dichlorobenzene	ND		1	ug/l						
1,3-Dichlorobenzene	ND		1	ug/l						
1,4-Dichlorobenzene	ND		1	ug/l						
1,1-Dichloroethane	ND		1	ug/l						
1,2-Dichloroethane	ND		1	ug/l						
trans-1,2-Dichloroethene	ND		1	ug/l						
cis-1,2-Dichloroethene	ND		1	ug/l						
1,1-Dichloroethene	ND		1	ug/l						
1,2-Dichloropropane	ND		1	ug/l						
2,2-Dichloropropane	ND		1	ug/l						
cis-1,3-Dichloropropene	ND		1	ug/l						
trans-1,3-Dichloropropene	ND		1	ug/l						
1,1-Dichloropropene	ND		1	ug/l						
1,3-Dichloropropene (cis + trans)	ND		2	ug/l						
Diethyl ether	ND		5	ug/l						
1,4-Dioxane	ND		500	ug/l						
Ethylbenzene	ND		1	ug/l						
Hexachlorobutadiene	ND		1	ug/l						
2-Hexanone	ND		5	ug/l						
Isopropylbenzene	ND		1	ug/l						
p-Isopropyltoluene	ND		1	ug/l						
Methylene Chloride	ND		1	ug/l						
4-Methyl-2-pentanone	ND		5	ug/l						
Naphthalene	ND		1	ug/l						
n-Propylbenzene	ND		1	ug/l						
Styrene	ND		1	ug/l						
1,1,1,2-Tetrachloroethane	ND		1	ug/l						
Tetrachloroethene	ND		1	ug/l						
Tetrahydrofuran	ND		5	ug/l						
Toluene	ND		1	ug/l						
1,2,4-Trichlorobenzene	ND		1	ug/l						
1,2,3-Trichlorobenzene	ND		1	ug/l						

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2C0526 - Purge-Trap (Continued)</b>										
<b>Blank (B2C0526-BLK1)</b>					Prepared & Analyzed: 03/08/22					
1,1,2-Trichloroethane	ND		1	ug/l						
1,1,1-Trichloroethane	ND		1	ug/l						
Trichloroethene	ND		1	ug/l						
1,2,3-Trichloropropane	ND		1	ug/l						
1,3,5-Trimethylbenzene	ND		1	ug/l						
1,2,4-Trimethylbenzene	ND		1	ug/l						
Vinyl Chloride	ND		1	ug/l						
o-Xylene	ND		1	ug/l						
m&p-Xylene	ND		2	ug/l						
Total xylenes	ND		1	ug/l						
1,1,2,2-Tetrachloroethane	ND		1	ug/l						
tert-Amyl methyl ether	ND		1	ug/l						
1,3-Dichloropropane	ND		1	ug/l						
Ethyl tert-butyl ether	ND		1	ug/l						
Diisopropyl ether	ND		1	ug/l						
Trichlorofluoromethane	ND		1	ug/l						
Dichlorodifluoromethane	ND		1	ug/l						
tert-Amyl Alcohol	ND		5	ug/l						
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Surrogate: 4-Bromofluorobenzene			46.0	ug/l	50.0		91.9	70-130		
Surrogate: 1,2-Dichloroethane-d4			50.5	ug/l	50.0		101	70-130		
Surrogate: Toluene-d8			51.3	ug/l	50.0		103	70-130		
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<b>LCS (B2C0526-BS1)</b>					Prepared & Analyzed: 03/08/22					
Acetone	48			ug/l	50.0		96.4	60-140		
Benzene	56			ug/l	50.0		113	70-130		
Bromobenzene	50			ug/l	50.0		100	70-130		
Bromochloromethane	48			ug/l	50.0		95.2	70-130		
Bromodichloromethane	56			ug/l	50.0		112	70-130		
Bromoform	54			ug/l	50.0		108	70-130		
Bromomethane	41			ug/l	50.0		82.7	70-130		
2-Butanone	51			ug/l	50.0		103	60-140		
tert-Butyl alcohol	49			ug/l	50.0		98.7	70-130		
sec-Butylbenzene	61			ug/l	50.0		123	70-130		
n-Butylbenzene	61			ug/l	50.0		122	70-130		
tert-Butylbenzene	55			ug/l	50.0		110	70-130		
Methyl t-butyl ether (MTBE)	48			ug/l	50.0		95.7	70-130		
Carbon Disulfide	48			ug/l	50.0		96.3	50-150		
Carbon Tetrachloride	58			ug/l	50.0		116	70-130		
Chlorobenzene	53			ug/l	50.0		106	70-130		
Chloroethane	46			ug/l	50.0		93.0	70-130		
Chloroform	52			ug/l	50.0		103	70-130		
Chloromethane	42			ug/l	50.0		84.3	70-130		
4-Chlorotoluene	55			ug/l	50.0		111	70-130		
2-Chlorotoluene	54			ug/l	50.0		107	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	54			ug/l	50.0		107	70-130		
Dibromochloromethane	52			ug/l	50.0		104	70-130		
1,2-Dibromoethane (EDB)	55			ug/l	50.0		110	70-130		
Dibromomethane	52			ug/l	50.0		104	70-130		
1,2-Dichlorobenzene	52			ug/l	50.0		105	70-130		
1,3-Dichlorobenzene	53			ug/l	50.0		106	70-130		
1,4-Dichlorobenzene	51			ug/l	50.0		102	70-130		
1,1-Dichloroethane	54			ug/l	50.0		109	70-130		
1,2-Dichloroethane	56			ug/l	50.0		112	70-130		
trans-1,2-Dichloroethene	52			ug/l	50.0		105	70-130		
cis-1,2-Dichloroethene	49			ug/l	50.0		97.1	70-130		
1,1-Dichloroethene	57			ug/l	50.0		115	70-130		
1,2-Dichloropropane	56			ug/l	50.0		111	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2C0526 - Purge-Trap (Continued)</b>										
<b>LCS (B2C0526-BS1)</b>					Prepared & Analyzed: 03/08/22					
2,2-Dichloropropane	55			ug/l	50.0		111	70-130		
cis-1,3-Dichloropropene	54			ug/l	50.0		108	70-130		
trans-1,3-Dichloropropene	56			ug/l	50.0		112	70-130		
1,1-Dichloropropene	55			ug/l	50.0		111	70-130		
Diethyl ether	43			ug/l	50.0		86.5	70-130		
1,4-Dioxane	259			ug/l	250		104	50-150		
Ethylbenzene	55			ug/l	50.0		109	70-130		
Hexachlorobutadiene	50			ug/l	50.0		99.0	70-130		
2-Hexanone	54			ug/l	50.0		108	70-130		
Isopropylbenzene	56			ug/l	50.0		112	70-130		
p-Isopropyltoluene	59			ug/l	50.0		118	70-130		
Methylene Chloride	48			ug/l	50.0		95.3	70-130		
4-Methyl-2-pentanone	57			ug/l	50.0		113	70-130		
Naphthalene	50			ug/l	50.0		101	70-130		
n-Propylbenzene	60			ug/l	50.0		120	70-130		
Styrene	54			ug/l	50.0		109	70-130		
1,1,1,2-Tetrachloroethane	51			ug/l	50.0		102	70-130		
Tetrachloroethene	54			ug/l	50.0		109	70-130		
Tetrahydrofuran	51			ug/l	50.0		102	50-150		
Toluene	53			ug/l	50.0		107	70-130		
1,2,4-Trichlorobenzene	52			ug/l	50.0		105	70-130		
1,2,3-Trichlorobenzene	45			ug/l	50.0		90.9	70-130		
1,1,2-Trichloroethane	56			ug/l	50.0		112	70-130		
1,1,1-Trichloroethane	58			ug/l	50.0		116	70-130		
Trichloroethene	50			ug/l	50.0		101	70-130		
1,2,3-Trichloropropane	56			ug/l	50.0		112	70-130		
1,3,5-Trimethylbenzene	56			ug/l	50.0		112	70-130		
1,2,4-Trimethylbenzene	55			ug/l	50.0		111	70-130		
Vinyl Chloride	42			ug/l	50.0		84.3	70-130		
o-Xylene	54			ug/l	50.0		107	70-130		
m&p-Xylene	104			ug/l	100		104	70-130		
1,1,2,2-Tetrachloroethane	55			ug/l	50.0		109	70-130		
tert-Amyl methyl ether	49			ug/l	50.0		97.6	70-130		
1,3-Dichloropropane	56			ug/l	50.0		112	70-130		
Ethyl tert-butyl ether	49			ug/l	50.0		97.4	70-130		
Trichlorofluoromethane	43			ug/l	50.0		86.1	70-130		
Dichlorodifluoromethane	27			ug/l	50.0		54.4	70-130		
<hr/>										
Surrogate: 4-Bromofluorobenzene			50.0	ug/l	50.0		99.9	70-130		
Surrogate: 1,2-Dichloroethane-d4			55.6	ug/l	50.0		111	70-130		
Surrogate: Toluene-d8			51.0	ug/l	50.0		102	70-130		



**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2C0526 - Purge-Trap (Continued)</b>					Prepared & Analyzed: 03/08/22					
<b>LCS Dup (B2C0526-BSD1)</b>										
Acetone	55			ug/l	50.0		110	60-140	13.6	20
Benzene	55			ug/l	50.0		110	70-130	2.21	20
Bromobenzene	52			ug/l	50.0		105	70-130	4.18	20
Bromochloromethane	52			ug/l	50.0		103	70-130	8.02	20
Bromodichloromethane	55			ug/l	50.0		110	70-130	1.13	20
Bromoform	51			ug/l	50.0		102	70-130	5.94	20
Bromomethane	47			ug/l	50.0		94.4	70-130	13.2	20
2-Butanone	54			ug/l	50.0		109	60-140	5.39	20
tert-Butyl alcohol	54			ug/l	50.0		109	70-130	9.81	20
sec-Butylbenzene	60			ug/l	50.0		120	70-130	2.02	20
n-Butylbenzene	62			ug/l	50.0		123	70-130	0.880	20
tert-Butylbenzene	56			ug/l	50.0		111	70-130	0.866	20
Methyl t-butyl ether (MTBE)	49			ug/l	50.0		97.4	70-130	1.76	20
Carbon Disulfide	48			ug/l	50.0		97.0	50-150	0.724	20
Carbon Tetrachloride	57			ug/l	50.0		114	70-130	1.53	20
Chlorobenzene	52			ug/l	50.0		104	70-130	1.87	20
Chloroethane	48			ug/l	50.0		95.5	70-130	2.63	20
Chloroform	53			ug/l	50.0		106	70-130	2.18	20
Chloromethane	41			ug/l	50.0		81.3	70-130	3.65	20
4-Chlorotoluene	55			ug/l	50.0		110	70-130	0.489	20
2-Chlorotoluene	51			ug/l	50.0		102	70-130	4.84	20
1,2-Dibromo-3-chloropropane (DBCP)	56			ug/l	50.0		113	70-130	5.13	20
Dibromochloromethane	55			ug/l	50.0		110	70-130	4.93	20
1,2-Dibromoethane (EDB)	52			ug/l	50.0		105	70-130	4.37	20
Dibromomethane	53			ug/l	50.0		106	70-130	1.71	20
1,2-Dichlorobenzene	53			ug/l	50.0		107	70-130	2.06	20
1,3-Dichlorobenzene	54			ug/l	50.0		107	70-130	1.52	20
1,4-Dichlorobenzene	52			ug/l	50.0		104	70-130	2.52	20
1,1-Dichloroethane	54			ug/l	50.0		108	70-130	0.350	20
1,2-Dichloroethane	56			ug/l	50.0		112	70-130	0.251	20
trans-1,2-Dichloroethene	52			ug/l	50.0		105	70-130	0.0763	20
cis-1,2-Dichloroethene	47			ug/l	50.0		93.1	70-130	4.23	20
1,1-Dichloroethene	57			ug/l	50.0		115	70-130	0.0697	20
1,2-Dichloropropane	56			ug/l	50.0		111	70-130	0.0898	20
2,2-Dichloropropane	55			ug/l	50.0		110	70-130	0.761	20
cis-1,3-Dichloropropene	53			ug/l	50.0		105	70-130	2.44	20
trans-1,3-Dichloropropene	56			ug/l	50.0		111	70-130	0.215	20
1,1-Dichloropropene	58			ug/l	50.0		117	70-130	5.52	20
Diethyl ether	45			ug/l	50.0		89.2	70-130	3.16	20
1,4-Dioxane	292			ug/l	250		117	50-150	11.9	20
Ethylbenzene	54			ug/l	50.0		108	70-130	1.03	20
Hexachlorobutadiene	56			ug/l	50.0		112	70-130	12.2	20
2-Hexanone	56			ug/l	50.0		113	70-130	4.32	20
Isopropylbenzene	55			ug/l	50.0		109	70-130	2.54	20
p-Isopropyltoluene	60			ug/l	50.0		120	70-130	1.03	20
Methylene Chloride	48			ug/l	50.0		96.6	70-130	1.42	20
4-Methyl-2-pentanone	57			ug/l	50.0		114	70-130	0.194	20
Naphthalene	66			ug/l	50.0		131	70-130	26.3	20
n-Propylbenzene	59			ug/l	50.0		119	70-130	0.957	20
Styrene	55			ug/l	50.0		109	70-130	0.0918	20
1,1,1,2-Tetrachloroethane	54			ug/l	50.0		109	70-130	5.95	20
Tetrachloroethene	49			ug/l	50.0		97.6	70-130	10.6	20
Tetrahydrofuran	50			ug/l	50.0		100	50-150	1.68	20
Toluene	54			ug/l	50.0		107	70-130	0.542	20
1,2,4-Trichlorobenzene	56			ug/l	50.0		111	70-130	6.05	20
1,2,3-Trichlorobenzene	62			ug/l	50.0		124	70-130	30.9	20
1,1,2-Trichloroethane	54			ug/l	50.0		108	70-130	3.03	20

**Quality Control  
(Continued)**

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2C0526 - Purge-Trap (Continued)</b>										
<b>LCS Dup (B2C0526-BSD1)</b>					Prepared & Analyzed: 03/08/22					
1,1,1-Trichloroethane	58			ug/l	50.0		115	70-130	0.295	20
Trichloroethene	51			ug/l	50.0		102	70-130	1.32	20
1,2,3-Trichloropropane	57			ug/l	50.0		114	70-130	1.43	20
1,3,5-Trimethylbenzene	56			ug/l	50.0		112	70-130	0.0893	20
1,2,4-Trimethylbenzene	56			ug/l	50.0		111	70-130	0.649	20
Vinyl Chloride	43			ug/l	50.0		85.2	70-130	1.16	20
o-Xylene	49			ug/l	50.0		97.4	70-130	9.51	20
m&p-Xylene	105			ug/l	100		105	70-130	0.823	20
1,1,1,2-Tetrachloroethane	56			ug/l	50.0		112	70-130	2.35	20
tert-Amyl methyl ether	50			ug/l	50.0		99.3	70-130	1.73	20
1,3-Dichloropropane	55			ug/l	50.0		110	70-130	1.65	20
Ethyl tert-butyl ether	47			ug/l	50.0		94.1	70-130	3.45	20
Trichlorofluoromethane	43			ug/l	50.0		85.4	70-130	0.746	20
Dichlorodifluoromethane	28			ug/l	50.0		55.7	70-130	2.43	20
<hr/>										
<i>Surrogate: 4-Bromofluorobenzene</i>			<i>49.6</i>	<i>ug/l</i>	<i>50.0</i>		<i>99.1</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>44.1</i>	<i>ug/l</i>	<i>50.0</i>		<i>88.3</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>49.9</i>	<i>ug/l</i>	<i>50.0</i>		<i>99.9</i>	<i>70-130</i>		

**Quality Control  
(Continued)**

**Polychlorinated Biphenyls (PCBs)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2C0599 - EPA 3546</b>										
<b>Blank (B2C0599-BLK1)</b>										
					Prepared: 03/10/22 Analyzed: 03/11/22					
Aroclor-1016	ND		66	ug/kg						
Aroclor-1221	ND		66	ug/kg						
Aroclor-1232	ND		66	ug/kg						
Aroclor-1242	ND		66	ug/kg						
Aroclor-1248	ND		66	ug/kg						
Aroclor-1254	ND		66	ug/kg						
Aroclor-1260	ND		66	ug/kg						
Aroclor-1262	ND		66	ug/kg						
Aroclor-1268	ND		66	ug/kg						
PCBs (Total)	ND		66	ug/kg						
-----										
<i>Surrogate: 2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>			7.65	ug/kg	13.3		57.4	36.2-130		
<i>Surrogate: Decachlorobiphenyl (DCBP)</i>			7.75	ug/kg	13.3		58.1	43.3-130		
<b>LCS (B2C0599-BS1)</b>										
					Prepared: 03/10/22 Analyzed: 03/11/22					
Aroclor-1242	103		66	ug/kg	83.3		123	58.2-125		
-----										
<i>Surrogate: 2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>			12.0	ug/kg	13.3		89.7	36.2-130		
<i>Surrogate: Decachlorobiphenyl (DCBP)</i>			8.79	ug/kg	13.3		65.9	43.3-130		
<b>LCS Dup (B2C0599-BSD1)</b>										
					Prepared: 03/10/22 Analyzed: 03/11/22					
Aroclor-1242	94		66	ug/kg	83.3		113	58.2-125	8.73	20
-----										
<i>Surrogate: 2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>			10.9	ug/kg	13.3		81.7	36.2-130		
<i>Surrogate: Decachlorobiphenyl (DCBP)</i>			8.67	ug/kg	13.3		65.1	43.3-130		

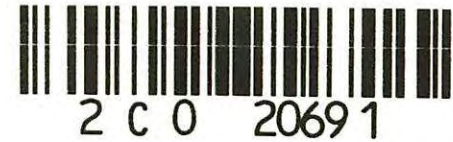
**Quality Control**  
(Continued)

**Total Petroleum Hydrocarbons**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B2C0570 - Sep-Funnel-extraction</b>										
<b>Blank (B2C0570-BLK1)</b>										
					Prepared: 03/10/22 Analyzed: 03/11/22					
Total Petroleum Hydrocarbons	ND		200	ug/l						
-----										
Surrogate: Chlorooctadecane			99.8	ug/l	125		79.8	47-115		
<b>LCS (B2C0570-BS1)</b>										
					Prepared: 03/10/22 Analyzed: 03/11/22					
Total Petroleum Hydrocarbons	5440		200	ug/l	10000		54.4	32.6-125		
-----										
Surrogate: Chlorooctadecane			119	ug/l	125		95.2	47-115		

## Notes and Definitions

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



CHAIN OF CUSTODY RECORD

PROJ. NO.		PROJECT NAME/LOCATION				PRESERVATIVE	TESTS*	REMARKS
CLIENT		AQUEOUS	SOL	OTHER	NO. OF CONTAINERS			
DATE	TIME					COMP	GRAB	SAMPLE I.D.
21106.00		S/LIA/M Rogers HS				.25	TPH VOLs Lead PCBs	
Puro Corp								
REPORT TO: Housha								
INVOICE TO: Acct.								
3/2	2:10			B22-6	X		X X	
1	2:15			B22-6D	X		X X	
	3:15			B22-8	X		X X	
	10:40			S-1		X	X X	
	10:45			S-2				
	10:50			S-3				
	10:55			S-4				
	11:00			S-5				
	11:05			S-5D				
	4:10			S-6				
	11:15			S-7				
	11:20			S-8				
	11:25			S-9				
	11:30			S-10	X			
Sampled by: (Signature) <i>Adrian Reed</i>		Date/Time	Received by: (Signature)		Date/Time	Laboratory Remarks:		Special Instructions: List Specific Detection Limit Requirements:
Relinquished by: (Signature)		Date/Time	Received by: (Signature)		Date/Time	Temp. received: _____ Cooled <input type="checkbox"/>		
Relinquished by: (Signature)		Date/Time	Received for Laboratory by: (Signature) <i>Michael</i>		Date/Time	Turnaround (Business Days) _____		

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

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

CHAIN OF CUSTODY RECORD



PROJ NO	PROJECT NAME/LOCATION		DATE	TIME	C O M P	G R A B	SAMPLE I.D.	S C O M C O A	O T H E R	NO OF CONTAINERS	PRESERVATIVE	TESTS**	REMARKS
	REPORT TO	INVOICE TO											
2106.00	S/LIA/M	Rogers AS											
	Perre Corp.												
	Howsha	Acct.											
			3/2	2:10			B22-6	X		4		X X	
				2:15			B22-6D	X		4		X X	
				3:05			B22-8	X		4		X X	
				10:40			S-1		X			X X	
				10:45			S-2						
				10:50			S-3						
				10:55			S-4						
				11:00			S-5						
				11:05			S-5D						
				11:10			S-6						
				11:15			S-7						
				11:20			S-8						
				11:25			S-9						
				11:30			S-10						
	Received by (Signature)		Date/Time		Received by (Signature)		Date/Time		Laboratory Remarks		Special Instructions		Trip Blank provided for vol of 3/2 Turnaround (Business Days)
	Relinquished by (Signature)		Date/Time		Received by (Signature)		Date/Time		Temp. received		List Specific Detection Limit Requirements		
	Relinquished by (Signature)		Date/Time		Received for Laboratory by (Signature)		Date/Time		Cooled <input type="checkbox"/>				

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

**ATTACHMENT 8A**  
***Pre-SIR Public Notice (English)***





Engineers | Scientists | Planners

PARECORP.COM



## **PUBLIC NOTICE**

**William S. Rogers High School  
15 Wickham Road  
Newport, RI 02840**

The City of Newport is hereby providing Notice of a Public Meeting for the William S. Rogers High School Project. The purpose of this meeting is to obtain information from the public about the proposed school site and the environmental history of the property. This information will be utilized as part of the on-going due diligence being performed for the property. This meeting is being held in accordance with RIGL § 23-19.14, *The Industrial Property Remediation and Reuse Act*, commonly referred to as the School Siting Law, that additional characterization of the soil, groundwater, and soil vapor conditions be performed in advance of such work.

The record for the public meeting shall be open for ten (10) business days after the meeting and will close at 4:00 PM on January 28, 2022. Public Comments relative to the environmental history of the proposed project may be submitted in writing to: Timothy P. Thies, Senior Vice President, Pare Corporation, 8 Blackstone Valley Place, Lincoln RI 02865, by telephone at (401) 334-4100 or email at [tthies@parecorp.com](mailto:tthies@parecorp.com).

The meeting will be held:

**JANUARY 13, 2022  
AT THE NEWPORT AREA CAREER AND TECHNICAL CENTER ROOM 924  
109 OLD FORT ROAD, NEWPORT RI  
AT 5:30 – 6:30 PM**

A snow date of January 18, 2022 at the same time and location will be held if needed.

The meeting will be recorded and a copy of the recording can be provided by sending an email to the address above.

The meeting place is accessible to the handicapped in conformance with RIGL 42-46-2. Individuals who are requesting accommodations for the hearing impaired must notify the City at least 72 hours in advance of the meeting date.



**ATTACHMENT 8B**  
***Pre-SIR Public Notice (Spanish)***



## AVISO PÚBLICO

**Escuela Secundaria William S. Rogers  
15 Wickham Road  
Newport, RI 02840**

Por la presente, la Ciudad de Newport está proporcionando un Aviso de una Reunión Pública para el Proyecto de la Escuela Secundaria William S. Rogers. El propósito de esta reunión es para obtener información del público sobre el sitio escolar propuesto y la historia ambiental de la propiedad. Esta información se utilizará como parte de la diligencia debida en curso que se realiza para la propiedad. Esta reunión se lleva a cabo de acuerdo con RIGL § 23-19.14, La Ley de *Remediación y Reutilización* de la Propiedad Industrial, comúnmente conocida como la Ley de Ubicación Escolar, que la caracterización adicional de las condiciones del suelo, las aguas subterráneas y el vapor del suelo se realice antes de dicho trabajo.

El registro de la reunión pública estará abierto durante diez (10) días hábiles después de la reunión y se cerrará a las 4:00 PM del 28 de enero de 2022. Los comentarios públicos relacionados con la historia ambiental del proyecto propuesto pueden enviarse por escrito a: Timothy P. Thies, vicepresidente Senior, Pare Corporación, 8 Blackstone Valley Place, Lincoln RI 02865, por teléfono al (401) 334-4100 o por correo electrónico a [tthies@parecorp.com](mailto:tthies@parecorp.com).

La reunión se llevará a cabo:

**ENERO 13, 2022  
EN LA SALA 924 DEL CENTRO TÉCNICO Y DE CARRERAS DEL ÁREA DE NEWPORT  
109 OLD FORT ROAD, NEWPORT RI  
A LAS 5:30 – 6:30 PM**

Se llevará a cabo una fecha de nieve del 18 de enero de 2022 al mismo tiempo y lugar si es necesario.

La reunión será grabada y se puede proporcionar una copia de la grabación enviando un correo electrónico a la dirección anterior.

El lugar de encuentro es accesible para los discapacitados de conformidad con RIGL 42-46-2. Las personas que solicitan adaptaciones para las personas con discapacidad auditiva deben notificar a la Ciudad al menos 72 horas antes de la fecha de la reunión.



**ATTACHMENT 8C**

***Abutters-200 feet Newport HS inclusive of 41-020***

ID	Site Address	Owner Name	Co-Owner	Owner Address	Ad Owner	City	Owner State
41-002	15 WICKHAM	NEWPORT		CITY HALL	43 BROAD	NEWPORT	RI
41-208	53 HARRIS	POULTON		53 HARRIS		NEWPORT	RI
41-092	46 HARRIS	LOFTUS	A LOFTUS E	46 HARRIS		NEWPORT	RI
41-167	49 PALMER	WILLIAM J. RUST		465 UNION		PORTSMOUTH	RI
42-032	59 HARRIS	BROWN T	MAHANKE	59 HARRIS		NEWPORT	RI
41-222	47 HARRIS	CHAPDEL		47 HARRIS		NEWPORT	RI
41-205	57 HARRIS	WEIBEL J.	KATHLEE	57 HARRIS		NEWPORT	RI
41-018	4 SULLIVAN	THOMPSON	THOMPSON	4 SULLIVAN		NEWPORT	RI
41-021-4	44 HARRIS	GUINAN	D GUINANA	44 HARRIS		NEWPORT	RI
41-216	8 SULLIVAN	UNDERWOOD	MARY E	8 SULLIVAN		NEWPORT	RI
41-214	49 HARRIS	PATERSON	PATERSON	49 HARRIS		NEWPORT	RI
41-213	51 HARRIS	LESLIE R		51 HARRIS		NEWPORT	RI
41-231	7 SULLIVAN	WALSH R		7 SULLIVAN		NEWPORT	RI
41-221	55 HARRIS	OLECHNICK		55 HARRIS		Newport	RI
41-209	10 SULLIVAN	NITTMANN		10 SULLIVAN		NEWPORT	RI
41-293	6 SULLIVAN	WATTERS	MARY L	6 SULLIVAN		NEWPORT	RI
41-188	60 HARRIS	WEATHERS	DOOLEY	60 HARRIS		NEWPORT	RI

**Owner Zip Sale Price Last Sale Last Sale Book / Page**

02840	0	1953-10-01	183-4
02840	250000	2004-08-1	1523-241
02840	485000	2012-03-21	2245-195
02871	0	2018-02-21	2734-64
02840	0	1989-04-21	438-11
02840	0	2011-01-11	2147-162
02840	0	1985-10-01	346-488
02840	0	1899-12-3	240-321
02840	575000	2007-05-01	1847-258
02840	0	1899-12-3	706-516
02840	450000	2007-02-21	1829-126
02840	0	2017-06-21	2680-26
02840	385000	2011-08-21	2190-275
02840	0	2020-06-31	2903-175
02840	0	2016-12-01	2634-311
02840	0	1992-05-21	546-484
02840	410000	2013-06-11	2360-133

**ATTACHMENT 8D**

***Rogers HS Public Meeting 1-13-22 Attendee List***

**ATTENDANCE SHEET**  
**ENVIRONMENTAL PUBLIC PARTICIPATION MEETING**  
**PURSUANT TO RIGL Chapter 23-19.14-5.**  
**ROGER'S HIGH SCHOOL - JANUARY 13, 2022 5:30-6:30**

NAME	CONTACT INFO/EMAIL (OPTIONAL)
Dana Harrington	401-847-8186
JAY Weibel	401-954-5078 JLWeibel@HotMail.com
Fred Roy	401-255-1900 Fredroy@aol.com
SEAN FLYNN	401-662-9021 SFLYNN@newportri.com
ERIC NITTMANN	(970)218-0818 enittmann@gmail.com
Elizabeth C Nittmann	401-862-3827 ecnittmann@gmail.com
LESLIE GROSVENOR	401-447-5853 leslie.grosvenor@gmail.com
KAITLIN REPKO	401-487-3490   KAITLIN.REPKO@gmail.com
Lesley Vogt-Behan	401-632-6624 / Copper@cox.net
Alicia Cipriano	401-641-1858 / aliciacip@hotmail.com
Bobby Wazy	401-825-1161 sunnyleafcottages@cox.net
Becky Bolan	401-855-1665 Becky.Bolan@gmail.com
Gary Knapp	516-641-6217 gknapp88@gmail.com
Kathleen + Rusty Weathers	weathers7@yahoo.com
Kathleen Weibel	401-261-0368 KJWeibel@hotmail.com
Holly Paterson	401-743-4726 hollyspaterson@gmail.com
Colleen Jermain	colleenjermain@npsri.net
Colleen Jermain	colleenjermain@npsri.net



**ATTACHMENT 8E**

***Public Hearing Presentation Pre-Phase II***

William S. Rogers  
New High School

# Environmental Due Diligence Public Meeting

---

January 13, 2022

5:30-6:30 PM

# Introductions

Michael P. Flynn  
Senior Environmental Scientist  
Pare Corporation

Pare Corporation is a civil and environmental engineering firm based out of Lincoln, RI.



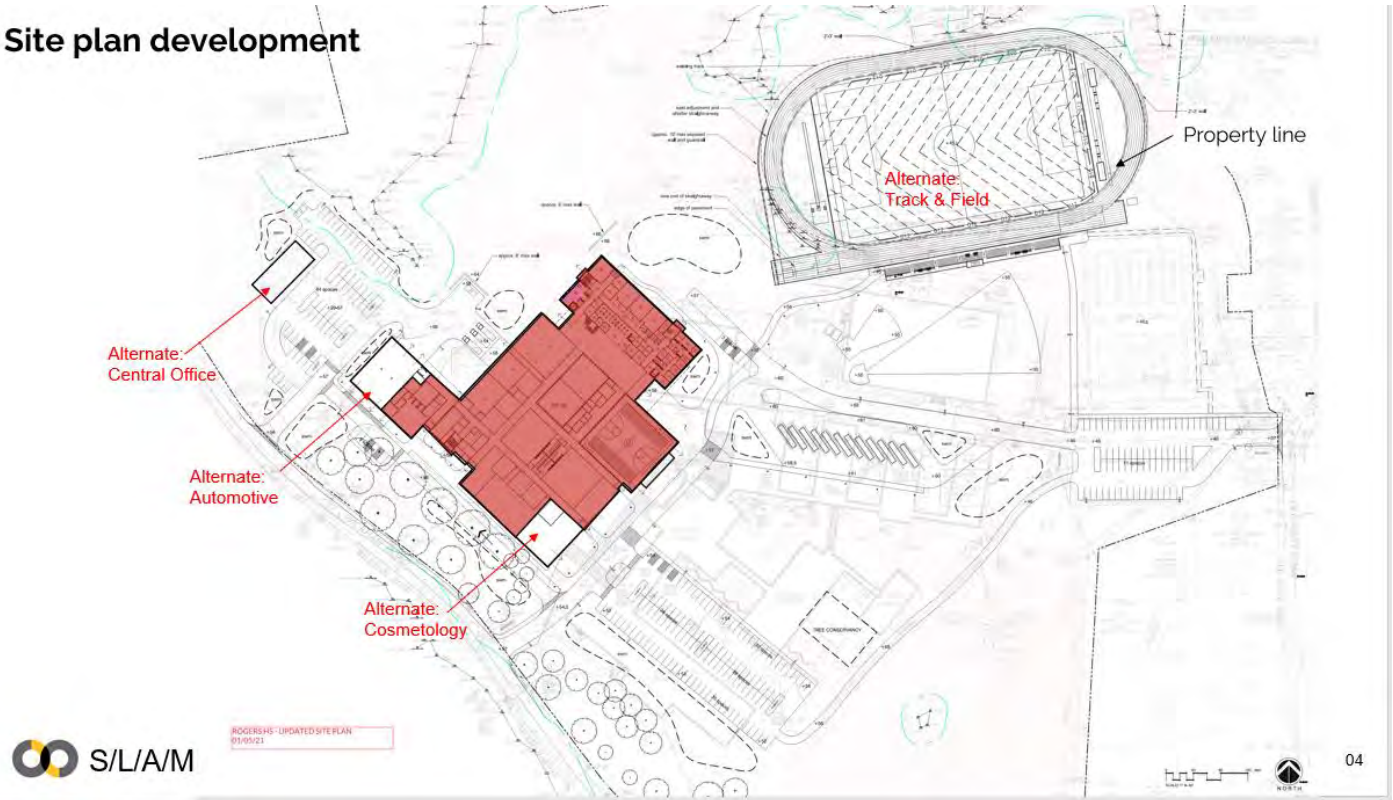
# The Project

The City of Newport, through the Newport School Department, is building a new High School at site of the existing Roger S. Williams High School.

This project includes the complete demolition of the existing school structure and the construction of a new multi-story, multi-building High School and Technical Center.

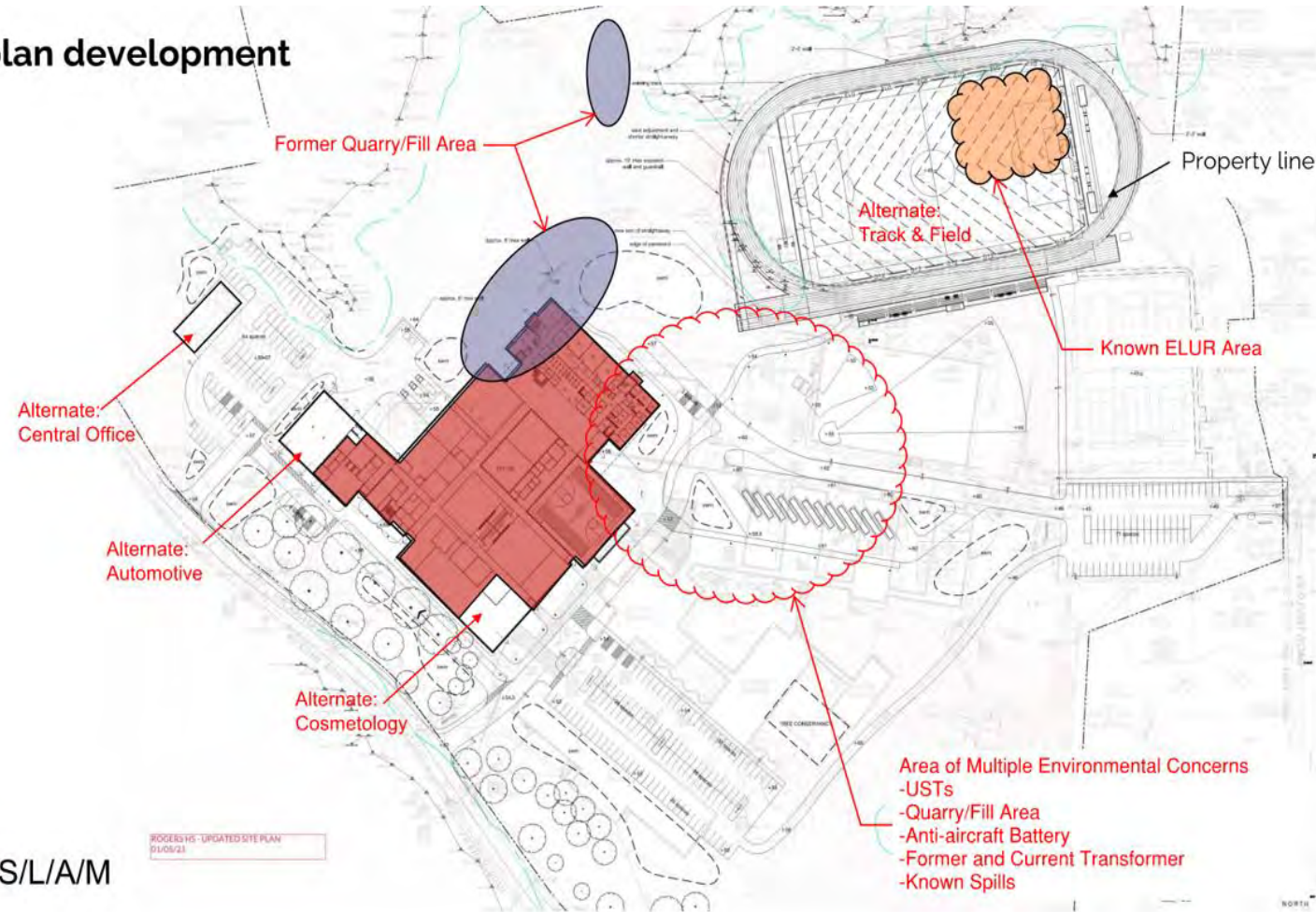
# School Layout Site Plan

## Site plan development



# School Site Environmental Concerns

## Site plan development



# Meeting Purpose

- The purpose of this meeting is to inform the public about any environmental issues that might exist at the site and to solicit information from the public on what they know about the site relative to environmental issues – as part of the project’s environmental due diligence.

# Meeting Purpose (cont...)

- Abutters, operators, community leaders, and concerned citizens can be a valuable resource in understanding the history of site; often times having knowledge that is not available in public records.



# Reason for Environmental Due Diligence

- Responsible and prudent to evaluate existing conditions on site and identify potential issues.
- Provides an opportunity to plan for environmental issues before construction.
- Law requires an environmental due diligence before building a new school.

RIGL Chapter 23-19.14  
(Industrial Property  
Remediation and  
Reuse Act)

– § 23-19.14-5 (Environmental Equity and Public Participation)

“Whenever a site that is known to be contaminated or is suspected of being contaminated based upon its past use is considered for possible reuse as the location of a school, child-care facility, or as a recreational facility for public use, the person proposing such reuse shall, prior to the establishment of a final scope of investigation for the site and after the completion of all appropriate inquiries, hold a public meeting for the purposes of obtaining information about conditions at the site and the environmental history at the site that may be useful in establishing the scope of the investigation of the site and/or establishing the objectives for the environmental clean-up of the site.”

# Scope of Environmental Due Diligence

- First step was a Phase I Environmental Site Assessment (ESA)
  - Performed by Pare Corporation November 2021
  - Included Historic Records Review, Site Recon.
  - Interviews with School and Local Officials
  - Review Governmental Environmental Databases
- Next step is a Phase II ESA
  - Phase II ESAs include soil, groundwater, and soil gas sampling and analysis
  - Tentative Schedule January/February of 2022

# Phase I ESA Findings

- The site previously operated as Quarry, Anti-Aircraft Battery and an informal dump site.
- Historically a developed lot, mixed use area of commercial, industrial, and residential land uses.
- Used as a High School since 1957
- Underground Fuel Oil Storage Tanks and Transformers located on the Site
- Contaminated Fill known to be placed on the site is subject to Deed Restrictions

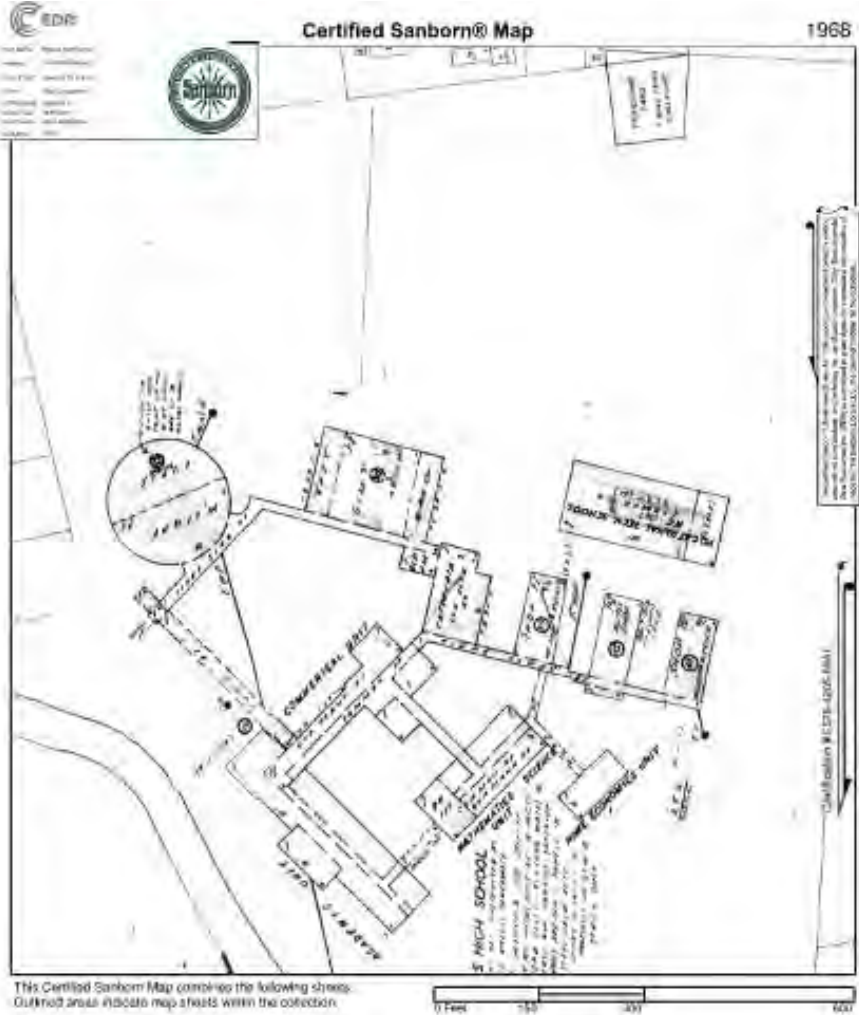
# Historical Records

1903 Sanborn



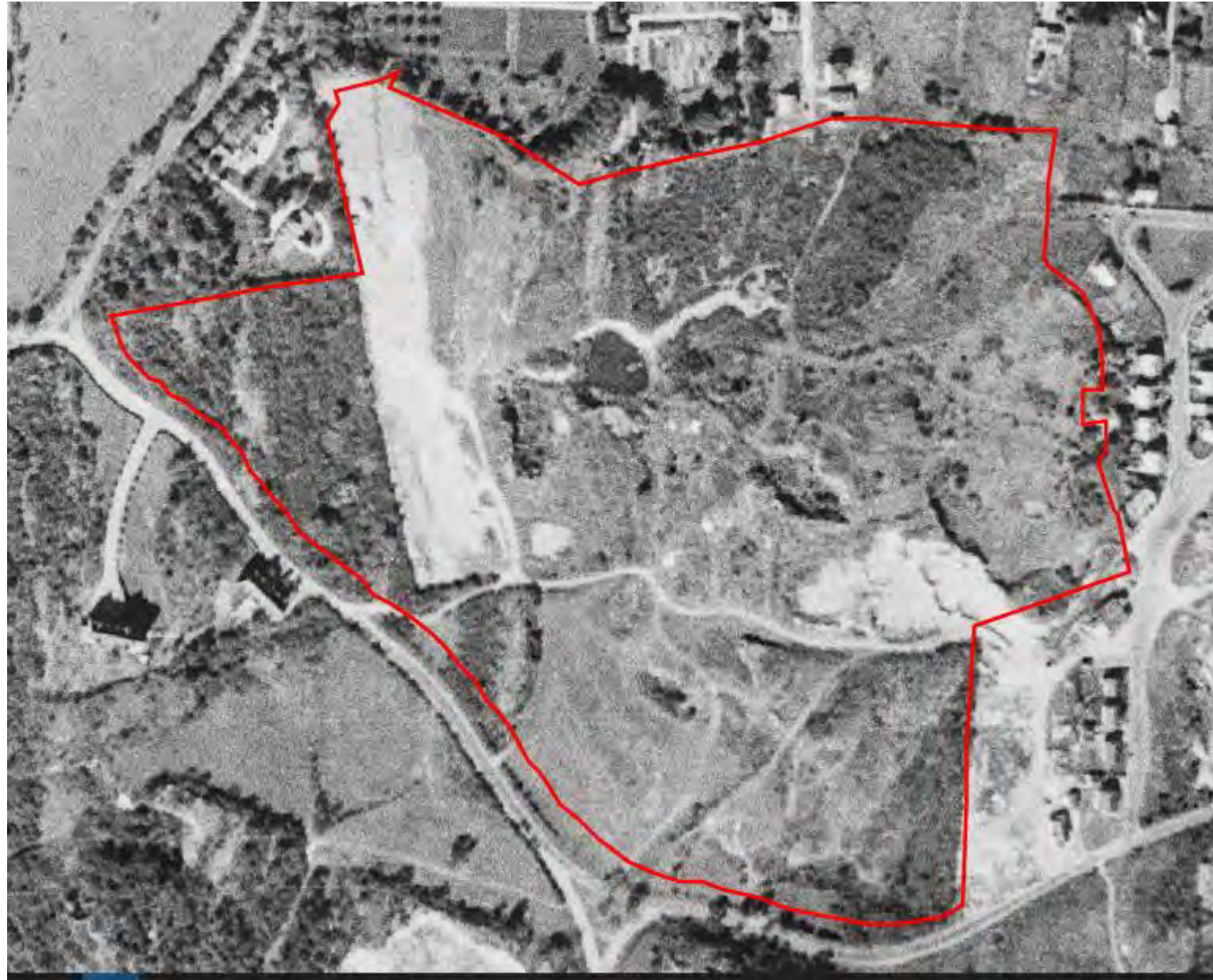
# Historical Records

1968 Sanborn



# 1941 Aerial Image

---



# 1942 Anti- Aircraft Battery

---



21-7-42--1632.



# 1951 Aerial

---



# 1962 Aerial

---



# 2016 Aerial

---



# Newport Daily News Article

May 29, 1954

---

NEWPORT, R. I., SATURDAY, MAY 29, 1954

Murray reported that the fire department, under direction of Chief Abel S. Eldridge, had been burning the debris in and near the large quarry hole on the Battery O'Shea site of Ruggles Avenue. A bulldozer will be used later to clean up the area.

Supt. Carl H. Porter-Shirley said that trash was still being dumped on the site by trucks entering through the main gate.

# Newport Daily News Article

November 29, 1955

**THE NEWS—NEWPORT, R. I., TUESDAY, NOVEMBER 29, 1955**

At a considerable amount of expense and energy, the site has been quite well levelled, eliminating holes and knolls, although the finished buildings will be on alternating contours. The big deep quarry pit in the middle of the tract has been filled in.

# Landfill/Dumping Photographs 1988

---



# Landfill/Dumping Photographs 1988

---



# Phase I ESA Findings

- Phase I ESA identified recognized environmental conditions (RECs) on the site, some of which include:
  - Historic use of the property as a Quarry and subsequent filling with waste and fill of unknown origin
  - Historic operation of a Former Defense Site/Anti-Aircraft Battery (Battery O'Shea)
  - Historic operation and use of underground heating fuel oil tanks and oil-bearing transformers



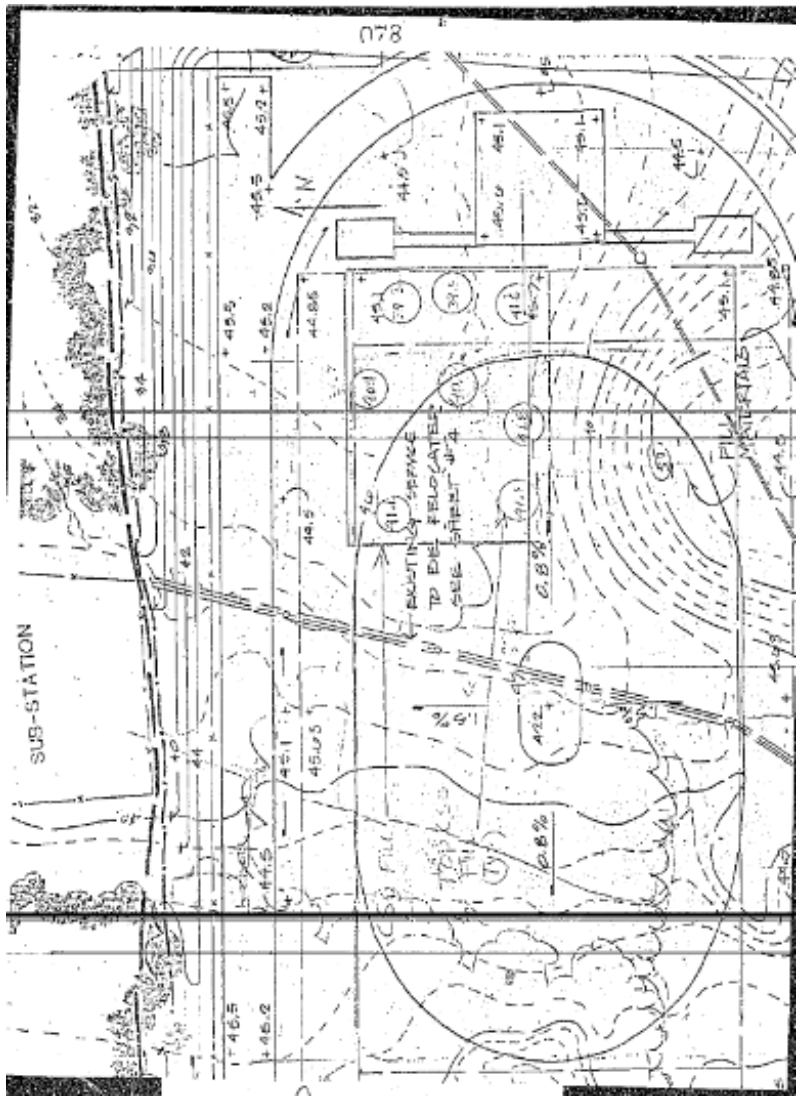
# Phase I ESA Findings (continued...)

- Phase I ESA identified recognized environmental conditions (RECs) on the site, some of which include:
  - RI Department of Environmental Management (RIDEM) Records of a Transformer release of PCB-bearing oils on the property
  - RIDEM Records of Lead-contaminated soils disposed on site and addressed with an Engineered Barrier and Environmental Land Use Restriction attached to the Deed.

# Phase I ESA Findings (continued...)

- Environmental Land Use Restriction attached to the Deed in 1989, Book 453/Page 74.
- Approximately 2600 Cubic yards of lead-contaminated fill from a Combined Sewer Outfall Project was placed West of the future Pole Vault/High Jump area within the Oval Field and Track, just South of the Harrison Ave electrical substation.
- The soils were covered with 2 - 3 feet of clean fill

# Lead Contaminated Soils ELUR Limits



# Next Steps

- Receive comments from the community.
- Finalize Phase II Scope of Work Activities
- Perform subsurface Investigations inclusive of completing several borings, monitoring wells, test pits and soil vapor monitoring points
- Develop appropriate soil management provisions and remedial controls into Construction Documents

# Public Input

- Questions or Comments?

# Public Input

Follow-up Public Comments may be submitted in writing to:

Michael P. Flynn, CHMM.  
Senior Environmental Scientist  
Pare Corporation  
8 Blackstone Valley Place  
Lincoln, RI 02865

or by email at:

[mflynn@parecorp.com](mailto:mflynn@parecorp.com)

Please submit questions or comments within 10 business days of this meeting.



**ATTACHMENT 8F**

***Newport Daily News Article January 14 2022***

LOCAL

## 'Huge water problem': Neighbors worry about impact of new Rogers High construction

**Sean Flynn** Newport Daily News  
Published 1:00 p.m. ET Jan. 14, 2022



NEWPORT — Construction of a new athletic field on the site of the current field and the track that surrounds it at Rogers High School could be a challenge, given the history of the site.

Neighbors are worried about that, and a possible increase in water problems resulting from construction of a new high school.

Lesley Vogt-Behan of Norman Street, who lives adjacent to the athletic field, and other neighbors older than her remember when the site was a general dumping ground for “refrigerators, stoves, the kitchen sink, you name it,” Vogt-Behan said.

### High water: Pell School neighbors discuss flooding problems with engineers

Because of that history, they are not surprised the current field and track are sinking in areas. Also, given the high water table in the area and an underground stream, they are not surprised the field is often too wet to be used.



The new athletic field at Rogers High School in Newport is plagued by settlement issues and insufficient drainage.

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transactions Jan. 18



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you think.*











The neighbors were speakers at an “Environmental Due Diligence Public Meeting” held at the Newport Area Career & Technical Center on Thursday evening. As part of the preparation for constructing a new high school, the Pare Corp. of Lincoln was hired to conduct a site assessment of the school property, something required by state law.

### Assessing the Rogers High School site

Michael P. Flynn, a Pare principal environmental scientist, told the approximately two dozen neighbors and school officials he called the meeting to learn more about the site.

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“This is an opportunity to plan for environmental issues before construction,” Flynn said.

He said he has already reviewed governmental databases, historic records and site maps. The current Rogers High School was built in 1957, but before that there was a range of activities on the property.

Besides the former dumping area in the northwest corner, the high school site was also a former quarry and the location of an anti-aircraft battery during World War II, Flynn said. There are formerly used underground fuel oil tanks and transformers still on the property.

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**More:** [Ever-evolving design for the new Rogers High School remains in flux — here's the latest](#)

The one-time dump was filled with lead contaminated soil, which the state Department of Environmental Protection required to be capped with three feet of clean fill in the late 1980s, Flynn said.

“Approximately 2,600 cubic yards of lead-contaminated fill from a Combined Sewer Outfall Project was placed west of the future pole vault/high jump area within the oval field and track, just south of the Harrison Avenue electrical substation,” he said.

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To put that amount in context, he said a large dump truck will hold about 22 cubic yards. “That was a lot of truckloads,” he said.

The Newport Daily News reported on May 29, 1954, that the city’s Fire Department “had been burning debris in and near the large quarry hole on the Battery O’Shea site ...” That was the name of the anti-aircraft battery.

The Newport Daily News later reported on Nov. 29, 1955: “At a considerable amount of expense and energy, the site has been quite well leveled, eliminating holes and knolls, although the finished buildings will be on alternating contours. The big deep quarry pit in the middle of the tract has been filled in.”

The newspaper clips were included in Flynn’s slide show presentation to the group.

In Phase II of the site assessment, Pare will be performing “subsurface investigations inclusive of completing several borings, monitoring wells, test pits and soil vapor monitoring points,” Flynn said.

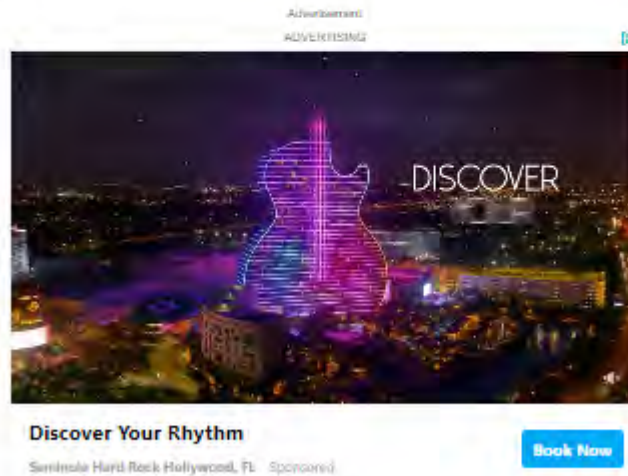
## Neighbors air their concerns

Several of the neighbors were concerned about the flow of water from the site into the surrounding neighborhood.

"I have a huge water problem," said Fred Roy, a neighbor of the high school site and also vice chairman of the city's Waterfront Commission.

**More:** [Portion of Fairview Lane in Portsmouth destroyed by flooding](#)

"I have a pump that goes on every eight minutes. Think about that, so I am in the pump business," he said. "I go through \$500 to \$600 pumps just to keep the water out of my basement. I've come to the conclusion that I can't keep doing this forever. Eventually, I am going to end up burying the basement and making it a crawl space."



He said from the high school area down to Palmer Street and over to Harrison Avenue is a "huge water flow." The water table in that area is very high and if he digs down two or three feet, he hits water, he said.

Roy claimed Army Corps of Engineer topographical maps show an underground stream in the area. "If we start constructing over that stream or moving that stream, you don't know what's going to happen," he said. "I think we are going to have a lot of water issues. That's my basic concern."

A Sullivan Street resident said the aquifer comes out underneath his home.

Other neighbors said they were concerned about water as well. Roy suggested forming a "citizens committee" to look at the issues and avoid the flooding problems neighbors of the Pell Elementary School, which opened in 2013, have been complaining about.

That idea was supported by Kate Repko of Dudley Street, whose yard abuts the Pell School. She offered to share what she has learned with the Rogers High School neighbors.

"Every time it rains, I have a duck pond in my yard," she said.



**ATTACHMENT 8G**

***Public Comments***



## MEMORANDUM OF MEETING

DATE: January 14, 2022

TO: File

FROM: Michael Flynn, CHMM, LSP

RE: William S. Rogers High School Public Meeting – January 13, 2022

The Public Meeting was held last night at the NACTC Room 924 on time and extended slightly beyond 6:30 PM.

It was well attended (17 people) and well received by a lively group of interested participants. Three significant items came out of this meeting.

- 1) Neighbors pointed out that junk disposal of a wide variety of items (no restrictions) was widespread across the northern part of the site (more so than was shown on our site figure); some materials are still evident at the surface in the wooded areas to the northwest and northeast.
- 2) Surface water and groundwater management are likely to be major concerns during construction as there is a former stream bed and springs known to exist on the site and flooding events along Harrison Avenue are common. Groundwater is expected to be very shallow (within a few feet of the ground surface). Neighbors are very concerned about appropriate short-term and long-term stormwater management features.
- 3) One neighbor indicated that groundwater seepage is occasionally evident that contained an oily sheen.

Participants requested an electronic file of the presentation and a copy of the attendee list. I will work on scanning the attendee list for distribution and uploading the recorded video content over the next few days.

**ATTENDANCE SHEET**  
**ENVIRONMENTAL PUBLIC PARTICIPATION MEETING**  
**PURSUANT TO RIGL Chapter 23-19.14-5.**  
**ROGER'S HIGH SCHOOL - JANUARY 13, 2022 5:30-6:30**

NAME	CONTACT INFO/EMAIL (OPTIONAL)
Dave Harrington	401-847-8186
JAY Weibel	401-954-5078 JLWeibel@HotMail.com
Fred Roy	401-255-1900 Fredroy@aol.com
SEAN FLYNN	401-662-9021 SFLYNN@newportri.com
ERIC NITTMANN	(970)218-0818 enittmann@gmail.com
Elizabeth C Nittmann	401-862-3827 ecnittmann@gmail.com
LESLIE GROSVENOR	401-447-5853 leslie.grosvenor@gmail.com
KAITLIN REPKO	401-487-3490   KAITLIN.REPKO@gmail.com
Lesley Vogt-Behan	401-632-6624 / Copper@cox.net
Alicia Cipriano	401-641-1858 / aliciacip@hotmail.com
Bobby Wazy	401-825-1161 sunnyleafcottages@cox.net
Becky Bolan	401-855-1665 Becky.Bolan@gmail.com
Gary Knapp	516-641-6217 gknapp88@gmail.com
Kathleen + Rusty Weathers	weathers7@yahoo.com
Kathleen Weibel	401-261-0368 KJWeibel@hotmail.com
Holly Paterson	401-743-4726 hollyspaterson@gmail.com
	colleenjerman@npsri.net
	Colleenjerman@npsri.net

**21106.00 Rogers High School**

<b>Name</b>	<b>Address</b>	<b>Email</b>	<b>Phone Number</b>	<b>Date Attendance List Received</b>	<b>Date Recording of Public Meeting Received</b>
Gary Knapp		<a href="mailto:gknapp88@gmail.com">gknapp88@gmail.com</a>		1/25/2022	1/25/2022
Barbara Haskins		<a href="mailto:barbara15jean@gmail.com">barbara15jean@gmail.com</a>		1/17/2022	1/17/2022
Pete Rice	One Harrison Lane, Newport, RI	<a href="mailto:adolphlund@cox.net">adolphlund@cox.net</a>	(401) 239-7141	1/17/2022	1/17/2022
Colleen Jermain, Newport School Superintendent		<a href="mailto:colleenjermain@npsri.net">colleenjermain@npsri.net</a>		1/17/2022	1/17/2022
Catherine Ellithorpe, SLAM		<a href="mailto:cellithorpe@slamcoll.com">cellithorpe@slamcoll.com</a>		1/17/2022	1/17/2022
Lucia Jaccaci	52 Palmer Street, Newport, RI	<a href="mailto:lucia.jaccaci@gmail.com">lucia.jaccaci@gmail.com</a>		1/21/2022	1/21/2022
Peter Butler		<a href="mailto:peterrbutler@cox.net">peterrbutler@cox.net</a>			
Ann Guinan	Harrison Avenue, Newport, RI	<a href="mailto:annieguinan1@gmail.com">annieguinan1@gmail.com</a>			
Mike Cullen		<a href="mailto:cullen@cox.net">cullen@cox.net</a>			
Paul Leys	57 Ruggles Avenue, Newport, RI	<a href="mailto:pleys@gustavewhite.com">pleys@gustavewhite.com</a>	(401) 862-6706		
Adam Keefe		<a href="mailto:adamkeefe.aok@gmail.com">adamkeefe.aok@gmail.com</a>			
Beth Cullen		<a href="mailto:bethcullen02840@gmail.com">bethcullen02840@gmail.com</a>			

## Karen Iskierski

---

**From:** Karen Iskierski  
**Sent:** Wednesday, March 30, 2022 12:54 PM  
**To:** Karen Iskierski  
**Subject:** REQUEST for RECORDING of meeting

-----Original Message-----

From: Tim Thies <TThies@parecorp.com>  
Sent: Wednesday, January 12, 2022 12:14 PM  
To: Barb <barbara15jean@gmail.com>  
Cc: Michael Flynn <mflynn@parecorp.com>; Karen Iskierski <kiskierski@parecorp.com>  
Subject: RE: REQUEST for RECORDING of meeting

Ms. Haskins,

Thank you for reaching out. We will certainly send you a copy of video recording after tonight's meeting.

-Tim

Timothy P. Thies, P.E.  
Senior Vice President/Division Manager  
Environmental Division

Pare Corporation  
8 Blackstone Valley Place  
Lincoln, RI 02865  
(401) 334-4100 Ext.4137  
www.parecorp.com

-----Original Message-----

From: Barb <barbara15jean@gmail.com>  
Sent: Wednesday, January 12, 2022 12:08 PM  
To: Tim Thies <TThies@parecorp.com>  
Subject: REQUEST for RECORDING of meeting

[EXTERNAL]

To: Timothy P. Thies, SVP, Pare Corp.

Fr: Barbara J. Haskins, abutter to Rogers High School, Newport, RI

Hello Tim:



## Karen Iskierski

---

**From:** Karen Iskierski  
**Sent:** Friday, January 14, 2022 10:29 AM  
**To:** barbara15jean@gmail.com  
**Cc:** Michael Flynn  
**Subject:** Public Hearing Presentation  
**Attachments:** Public Hearing Presentation Pre-Phase II.pdf

Good morning,

Please see the attached powerpoint deck that Michael Flynn of Pare Corporation presented last night. The recording will be forthcoming next week.

Sincerely,

*Karen Iskierski*

*Administrative Assistant to Timothy Thies, P.E.  
Environmental Division*

**Pare Corporation**  
8 Blackstone Valley Place  
Lincoln, RI 02865  
401-334-4100  
[www.parecorp.com](http://www.parecorp.com)



## Karen Iskierski

---

**From:** Karen Iskierski  
**Sent:** Monday, January 17, 2022 10:10 AM  
**To:** Barb  
**Subject:** RHS - Public meeting January 13, 2022 Recording and Attendee List

Hi Barbara,

Please see the link below.

---

**From:** Michael Flynn <mflynn@parecorp.com>  
**Sent:** Monday, January 17, 2022 9:03 AM  
**To:** Catherine Ellithorpe <CEllithorpe@slamcoll.com>; Victoria Howland <vhowland@parecorp.com>  
**Cc:** Theodore Tolis <ttolis@slamcoll.com>; Mark Rhoades <MRhoades@slamcoll.com>; Tim Thies <TThies@parecorp.com>; Arianne Barton <ABarton@parecorp.com>; David Potter <DPotter@parecorp.com>; colleenjermain@npsri.net; Karen Iskierski <kiskierski@parecorp.com>  
**Subject:** RE: RHS - Public meeting January 13, 2022 Recording and Attendee List

Please click on the link below to be attached to the Attendee List and a recording of the public meeting presentation. A copy of the power point presentation is present there as well.

 [Rogers HS Public Meeting](#)

Many of the attendees including Colleen Jermain the School Superintendent requested a copy of the attendee list and the recording. I have cc'd Colleen but not the attendees. Unless directed otherwise, I will leave public relations to SLAM, the school committee or City as appropriate.

If you have any questions or comments, please do not hesitate to contact me at the phone numbers listed below.

Sincerely,

*Michael Flynn, CHMM, LSP*

Principal Environmental Scientist

**Pare Corporation**

8 Blackstone Valley Place

Lincoln, RI 02865

401.334.4100 (T) Ext: 4142

774-275.7799 (C)

[mflynn@parecorp.com](mailto:mflynn@parecorp.com)

## Karen Iskierski

---

**From:** Karen Iskierski  
**Sent:** Monday, January 17, 2022 10:11 AM  
**To:** Barb  
**Subject:** Public Hearing Presentation

Hi Barbara,

Just sent to you under separate cover.

-----Original Message-----

From: Barb <barbara15jean@gmail.com>  
Sent: Friday, January 14, 2022 4:08 PM  
To: Karen Iskierski <kiskierski@parecorp.com>  
Subject: Re: Public Hearing Presentation

[EXTERNAL]

Thank you, Karen!  
Also, look forward to the recording when ready.

Appreciatively,  
Barbara Haskins

> On Jan 14, 2022, at 10:29 AM, Karen Iskierski <kiskierski@parecorp.com> wrote:  
>  
> <Public Hearing Presentation Pre-Phase II.pdf>

## Karen Iskierski

---

**From:** Tim Thies  
**Sent:** Wednesday, March 30, 2022 1:29 PM  
**To:** Karen Iskierski  
**Subject:** FW: Rogers High School

**Timothy P. Thies, P.E.**  
*Senior Vice President/Division Manager*  
*Environmental Division*

**Pare Corporation**  
8 Blackstone Valley Place  
Lincoln, RI 02865  
(401) 334-4100 Ext.4137  
[www.parecorp.com](http://www.parecorp.com)



---

**From:** Beth Cullen <bethcullen02840@gmail.com>  
**Sent:** Monday, January 24, 2022 12:14 PM  
**To:** Tim Thies <TThies@parecorp.com>  
**Cc:** Mike Cullen <cullen@cox.net>; Michael Flynn <mflynn@parecorp.com>; Lynne Tungett <news@newportthisweek.net>  
**Subject:** Re: Rogers High School

[EXTERNAL]

Tim,

The Google "machine" is an amazing resource.

Glad I was able to find and forward the link.

Hopefully, it will lead to more discoveries that shed light on what seems to be a very complicated site.

My husband Mike, a retired Air Force officer, has found other sites that add more detail to the kinds of cleaning solvents, etc that were most likely used during that time period. He will forward them to you.

I do remember reading a Facebook post that referenced ice skating on the "big" pond near where the track is sited. I will look through the various "Newport Memories" private social media groups -- and see if I can find it.

Regards

Beth

On 1/24/2022 10:27 AM, Tim Thies wrote:

Beth,

Thank you for sending this information along. The old photos are fascinating. We were aware of the battery and have a handful of photos, but not as many as posted in the link below.

As you might be aware, my group's focus is on potential environmental issues that might be present on-site that would impact the development of a new school building. The information you have provided is useful and relevant to our investigation. As we move through the environmental due diligence process we will use this information, as well as other information we've collected, to inform the nature and extend of environmental sampling.

Thanks again for the information.

-Tim

**Timothy P. Thies, P.E.**  
*Senior Vice President/Division Manager*  
*Environmental Division*

**Pare Corporation**  
8 Blackstone Valley Place  
Lincoln, RI 02865  
(401) 334-4100 Ext.4137  
[www.parecorp.com](http://www.parecorp.com)



---

**From:** Lynne Tungett <[news@newportthisweek.net](mailto:news@newportthisweek.net)>  
**Sent:** Monday, January 24, 2022 9:28 AM  
**To:** Beth Cullen <[bethcullen02840@gmail.com](mailto:bethcullen02840@gmail.com)>; Tim Thies <[TThies@parecorp.com](mailto:TThies@parecorp.com)>  
**Cc:** Mike Cullen <[cullen@cox.net](mailto:cullen@cox.net)>  
**Subject:** Re: Rogers High School

[EXTERNAL]

Oh my good grief, these photos are absolutely incredible!!! How is it that NO one has ever mentioned this before???? Mike can you confirm this location somehow? I will put Andy on it and see if there is a deed trail.

Maybe the Navy has some records we can find. I want to put this out as soon as possible but feel I better do some fact checking first.

Thank you Beth, I know how committed you are to a new high school, we sure gave it a lot of energy a couple years ago. Middletown is now facing the reality of what bad condition their

schools are in. Did you see Jake Cathers article this week? Council and school dept. are literally almost at blows over it.

All the best to you and Mike.  
Lynne

---

**From:** Beth Cullen <[bethcullen02840@gmail.com](mailto:bethcullen02840@gmail.com)>  
**Sent:** Monday, January 24, 2022 9:12 AM  
**To:** [tthies@parecorp.com](mailto:tthies@parecorp.com) <[tthies@parecorp.com](mailto:tthies@parecorp.com)>  
**Cc:** Mike Cullen <[cullen@cox.net](mailto:cullen@cox.net)>; Lynne Tungett <[news@newportthisweek.net](mailto:news@newportthisweek.net)>  
**Subject:** Rogers High School

Good Morning, Tim,

I posted the Newport This Week article, asking for input, on a private Facebook. An interesting discussion is ongoing. Sadly, most aren't old enough to remember the area prior to the 1950s. Nostalgia and faded memories are impacting them.

I've been very vocal in opposition to building a 21st Century high school on the current site. Too far from the majority of the population (teen and adult) that needs access to a superior education (college pre AND trades) and the opportunity to use the facility year round...for day and evening classes. That's a much larger conversation for another day.

Not sure if you've unearthed this link about Battery O'Shea. I came upon it this morning when someone asked what was there during WW2:

[https://groups.io/g/CoastDefense/topic/ruggles avenue anti aircraft/74829921?p=,,,20,0,0,0::recentpostdate%2Fsticky,,,20,2,20,74829921](https://groups.io/g/CoastDefense/topic/ruggles+avenue+anti+aircraft/74829921?p=,,,20,0,0,0::recentpostdate%2Fsticky,,,20,2,20,74829921)

Hope this helps.  
Beth  
401-207-4624

## Karen Iskierski

---

**From:** Karen Iskierski  
**Sent:** Wednesday, March 30, 2022 12:57 PM  
**To:** Karen Iskierski  
**Subject:** RE: Rogers High School Environmental History Meeting, Minutes request

**From:** PETE RICE <[ADOLPHLUND@cox.net](mailto:ADOLPHLUND@cox.net)>  
**Date:** January 14, 2022 at 11:24:46 AM PST  
**To:** Tim Thies <[TThies@parecorp.com](mailto:TThies@parecorp.com)>  
**Cc:** PETE RICE <[ADOLPHLUND@cox.net](mailto:ADOLPHLUND@cox.net)>, Catherine Nash <[cathynash@npsri.net](mailto:cathynash@npsri.net)>  
**Subject:** Rogers High School Environmental History Meeting, Minutes request

[EXTERNAL]

Mr Thies — I missed the meeting held at Newport's Rogers High School on Thursday, January 13 re: Environmental History of the proposed construction site of the new Rogers High School. I note that the Public Notice of the meeting states that it was to be recorded and a copy could be obtained by contacting you. I would like a copy.

Thanks,

Pete Rice  
1 Harrison Lane  
Newport, RI 02840  
401 239-7141

## Karen Iskierski

---

**From:** Karen Iskierski  
**Sent:** Monday, January 17, 2022 10:13 AM  
**To:** ADOLPHLUND@cox.net  
**Subject:** RHS - Public meeting January 13, 2022 Recording and Attendee List

Hi Mr. Rice,

Please see the link below.

---

**From:** Michael Flynn <mflynn@parecorp.com>  
**Sent:** Monday, January 17, 2022 9:03 AM  
**To:** Catherine Ellithorpe <CELLithorpe@slamcoll.com>; Victoria Howland <vhowland@parecorp.com>  
**Cc:** Theodore Tolis <ttolis@slamcoll.com>; Mark Rhoades <MRhoades@slamcoll.com>; Tim Thies <TThies@parecorp.com>; Arianne Barton <ABarton@parecorp.com>; David Potter <DPotter@parecorp.com>; colleenjermain@npsri.net; Karen Iskierski <kiskierski@parecorp.com>  
**Subject:** RE: RHS - Public meeting January 13, 2022 Recording and Attendee List

Please click on the link below to be attached to the Attendee List and a recording of the public meeting presentation. A copy of the power point presentation is present there as well.

 [Rogers HS Public Meeting](#)

Many of the attendees including Colleen Jermain the School Superintendent requested a copy of the attendee list and the recording. I have cc'd Colleen but not the attendees. Unless directed otherwise, I will leave public relations to SLAM, the school committee or City as appropriate.

If you have any questions or comments, please do not hesitate to contact me at the phone numbers listed below.

Sincerely,

*Michael Flynn, CHMM, LSP*

Principal Environmental Scientist

**Pare Corporation**

8 Blackstone Valley Place

Lincoln, RI 02865

401.334.4100 (T) Ext: 4142

774-275.7799 (C)

[mflynn@parecorp.com](mailto:mflynn@parecorp.com)



## Karen Iskierski

---

**From:** PETE RICE <ADOLPHLUND@COX.NET>  
**Sent:** Monday, January 17, 2022 12:06 PM  
**To:** Karen Iskierski; Michael Flynn  
**Cc:** PETE RICE; Colleen Jermain  
**Subject:** Re: RHS - Public meeting January 13, 2022 Recording and Attendee List

[EXTERNAL]

Mr. Flynn — Thank you for forwarding the recording of the SNM. I have reviewed same. Regret that I was unable to attend the meeting but found the history you uncovered very interesting. Am I correct in understanding that your charge does not include ground water concerns; that they will be handled in the construction phase by Civil Engineers? This seems a bit late in the process given the concerns expressed during the meeting and in several previous meetings.

PETE RICE  
1 Harrison Lane  
Newport, RI 02840  
401 239-7141

On Jan 17, 2022, at 10:13, Karen Iskierski <[kiskierski@parecorp.com](mailto:kiskierski@parecorp.com)> wrote:

Hi Mr. Rice,

Please see the link below.

---

**From:** Michael Flynn <[mflynn@parecorp.com](mailto:mflynn@parecorp.com)>  
**Sent:** Monday, January 17, 2022 9:03 AM  
**To:** Catherine Ellithorpe <[Cellithorpe@slamcoll.com](mailto:Cellithorpe@slamcoll.com)>; Victoria Howland <[vhowland@parecorp.com](mailto:vhowland@parecorp.com)>  
**Cc:** Theodore Tolis <[ttolis@slamcoll.com](mailto:ttolis@slamcoll.com)>; Mark Rhoades <[MRhoades@slamcoll.com](mailto:MRhoades@slamcoll.com)>; Tim Thies <[TThies@parecorp.com](mailto:TThies@parecorp.com)>; Arianne Barton <[ABarton@parecorp.com](mailto:ABarton@parecorp.com)>; David Potter <[DPotter@parecorp.com](mailto:DPotter@parecorp.com)>; [colleenjermain@npsri.net](mailto:colleenjermain@npsri.net); Karen Iskierski <[kiskierski@parecorp.com](mailto:kiskierski@parecorp.com)>  
**Subject:** RE: RHS - Public meeting January 13, 2022 Recording and Attendee List

Please click on the link below to be attached to the Attendee List and a recording of the public meeting presentation. A copy of the power point presentation is present there as well.

[<image002.png> Rogers HS Public Meeting](#)

Many of the attendees including Colleen Jermain the School Superintendent requested a copy of the attendee list and the recording. I have cc'd Colleen but not the attendees. Unless directed otherwise, I will leave public relations to SLAM, the school committee or City as appropriate.

If you have any questions or comments, please do not hesitate to contact me at the phone numbers listed below.

Sincerely,

*Michael Flynn, CHMM, LSP*

Principal Environmental Scientist

**Pare Corporation**

8 Blackstone Valley Place

Lincoln, RI 02865

401.334.4100 (T) Ext: 4142

774-275.7799 (C)

[mflynn@parecorp.com](mailto:mflynn@parecorp.com)

**From:** [Mike Cullen](#)  
**To:** [Tim Thies](#); [Michael Flynn](#)  
**Cc:** [Lynne Tungett](#); [Beth Cullen](#)  
**Subject:** Re: Rogers High School -- cleaners, lubricants, greases  
**Date:** Monday, January 24, 2022 1:14:24 PM

---

[EXTERNAL]

On 1/24/2022 12:14 PM, Beth Cullen wrote:

has found other sites that add more detail to the kinds of cleaning solvents, etc that were most likely used during that time period. He will forward them to you.

=====

A quick look on cleaners, lubricants, greases from that era that would likely have been found within the AAA gun pits -- Mike Cullen

- WW2 Army field manual on 90MM anti-aircraft guns --
  - many references to replenishing the oil used in the recoil mechanism  
[https://mcoepublic.blob.core.usgovcloudapi.net/library/ArmyPubs/fm%204-126\\_1943\\_anti-aircraft%20artillery%20field%20manual%20service%20of%20the%20piece%2090-mm%20anti-aircraft%20gun%20on%20m1a1%20mount\\_oct\\_1943.pdf](https://mcoepublic.blob.core.usgovcloudapi.net/library/ArmyPubs/fm%204-126_1943_anti-aircraft%20artillery%20field%20manual%20service%20of%20the%20piece%2090-mm%20anti-aircraft%20gun%20on%20m1a1%20mount_oct_1943.pdf)
- WW2 Army tech manual TM 9-850 is cited above as a maintenance reference and discusses lubricants and cleaners (I noticed carbon tetrachloride and 'solvent, dry cleaning' references)
  - [https://radionerds.com/images/0/03/TM\\_9-850\\_1941.pdf](https://radionerds.com/images/0/03/TM_9-850_1941.pdf)
- <https://en.wikipedia.org/wiki/Cosmoline> (I recall messing with this protective 'goop' during my Air Force tenure )

<https://www.originalcosmoline.com/shop/how-to-properly-remove-cosmoline-from-military-surplus-firearms/>

- Many online military gun enthusiast references to historic cleaners like "Hoppes #9" -- which is still sold

1973 Army document captures history of gun cleaners --  
<https://apps.dtic.mil/sti/pdfs/AD0748807.pdf>

SDS sheets on Hoppes cleaner --  
<https://www.hoppes.com/on/demandware.static/-/Library-Sites-HuntShootAccessoriesSharedLibrary/default/dwae596d15/productPdfFiles/hoppesPdf/sds/aab064ac-fd61-40da-90b7-8ee268db00bd.pdf>

**From:** [Michael Flynn](#)  
**To:** [Tim Thies](#)  
**Subject:** Info from PETER R BUTLER Newport HS 21106.00  
**Date:** Friday, February 4, 2022 1:08:00 PM  
**Attachments:** [~WRD0000.jpg](#)  
[image001.jpg](#)

---

PETER R BUTLER (401) 847-1127 on 02/04/2022 10:25 AM

I spoke with Mr. Butler at 11:26 2/4/2022; Mr. Butler, a life-long resident of Newport, (born in 1944; played in the area in the 50's before school was built) used to play on the grounds when he was a kid in the 50's. He remembers it being an Army base for AA guns, barbed wire enclosed; entrance off Old Fort Road. Ammo bunkers were stored in areas beneath the guns into sub-grade bunkers. Sub-grade storage for school materials etc., beneath east-side cafeteria.

Used to float boats/ rafts in a large water body/ pond-like water – loaded with trash. Roughly coincidental to the old quarry pond (north one) dirt path from Harrison Ave/Harrison Lane.

Mike F

---

**From:** Tim Thies <[TThies@parecorp.com](mailto:TThies@parecorp.com)>  
**Sent:** Friday, February 4, 2022 10:30 AM  
**To:** Michael Flynn <[mflynn@parecorp.com](mailto:mflynn@parecorp.com)>  
**Subject:** FW: New Voice Message from PETER R BUTLER (401) 847-1127 on 02/04/2022 10:25 AM

Can you reach out to this gentleman?

**Timothy P. Thies, P.E.**

*Senior Vice President/Division Manager  
Environmental Division*

**Pare Corporation**

8 Blackstone Valley Place  
Lincoln, RI 02865  
(401) 334-4100 Ext.4137  
[www.parecorp.com](http://www.parecorp.com)



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**From:** RingCentral <[notify@ringcentral.com](mailto:notify@ringcentral.com)>  
**Sent:** Friday, February 4, 2022 10:26 AM  
**To:** Tim Thies <[TThies@parecorp.com](mailto:TThies@parecorp.com)>  
**Subject:** New Voice Message from PETER R BUTLER (401) 847-1127 on 02/04/2022 10:25 AM

[EXTERNAL]



Voice Message

Dear Tim Thies,

You have a new voice message:

**From:** PETER R BUTLER (401) 847-1127  
**Received:** Friday, February 04, 2022 at 10:25 AM  
**Length:** 00:46  
**To:** (401) 334-4100 \* 4137 Tim Thies

**Voicemail Preview:**

" Good morning, my name's Pete Butler grew up in the fifth Wood during the fifty's. I used to use that ground that you going to put that they won't put the high school on as a playground with a variety of other kids after the the Army moved out and I'd like to talk to you about some some of the things. I know about the property Peter Butler 847-1127. Okay, that's it."

Listen to this message over your phone or log in to your [RingCentral account](#) with your main number, extension number, and password. You can also manage your voicemails in your RingCentral account.

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**From:** [Michael Flynn](#)  
**To:** [peterrbutler@cox.net](mailto:peterrbutler@cox.net)  
**Subject:** History Of Rogers HS  
**Date:** Friday, February 4, 2022 12:22:00 PM  
**Attachments:** [Public Hearing Presentation Pre-Phase II.pdf](#)

---

As discussed.

If you have any questions or comments, please do not hesitate to contact me at the phone numbers listed below.

Sincerely,

*Michael Flynn, CHMM, LSP*

Principal Environmental Scientist

***Pare Corporation***

*8 Blackstone Valley Place*

*Lincoln, RI 02865*

*401.334.4100 (T) Ext: 4142*

*774-275.7799 (C)*

[mflynn@parecorp.com](mailto:mflynn@parecorp.com)

## Karen Iskierski

---

**From:** Karen Iskierski  
**Sent:** Wednesday, March 30, 2022 12:59 PM  
**To:** Karen Iskierski  
**Subject:** RE: Rogers Meeting 1/13

---

**From:** Lucia Jaccaci <[lucia.jaccaci@gmail.com](mailto:lucia.jaccaci@gmail.com)>  
**Sent:** Wednesday, January 19, 2022 12:00 PM  
**To:** Tim Thies <[TThies@parecorp.com](mailto:TThies@parecorp.com)>  
**Subject:** Rogers Meeting 1/13

[EXTERNAL]

I am a neighbor of Rogers High School and was not able to attend the Jan 13th meeting. Could you please send me a recording?

Thank you,  
Lucia Jaccaci  
52 Palmer Street

## Karen Iskierski

---

**From:** Michael Flynn  
**Sent:** Friday, January 21, 2022 9:34 AM  
**To:** Lucia Jaccaci  
**Cc:** Tim Thies; Victoria Howland; Karen Iskierski  
**Subject:** RHS - Public meeting January 13, 2022 Recording and Attendee List

Hello Lucia:

I understand you were looking for a copy of the public meeting held last week. Please click on the following link and you will find a video file, power point presentation and a copy of attendees.

 [Rogers HS Public Meeting](#)

Thank you for your interest.

If you have any questions or comments, please do not hesitate to contact me at the phone numbers listed below.

Sincerely,

*Michael Flynn, CHMM, LSP*

Principal Environmental Scientist

***Pare Corporation***

*8 Blackstone Valley Place*

*Lincoln, RI 02865*

*401.334.4100 (T) Ext: 4142*

*774-275.7799 (C)*

[mflynn@parecorp.com](mailto:mflynn@parecorp.com)



## Karen Iskierski

---

**From:** Michael Flynn  
**Sent:** Tuesday, January 25, 2022 8:20 AM  
**To:** gary knapp  
**Cc:** Tim Thies; Karen Iskierski  
**Subject:** RE: Rogers HS ESA presentation powerpoint

Hi Gary:

Sorry for the delay. Please click on the link below to be attached to the Attendee List and a recording of the public meeting presentation. A copy of the power point presentation is present there as well.

 [Rogers HS Public Meeting](#)

If you have any questions or comments, please do not hesitate to contact me at the phone numbers listed below.

Sincerely,

*Michael Flynn, CHMM, LSP*

Principal Environmental Scientist

***Pare Corporation***

8 Blackstone Valley Place  
Lincoln, RI 02865  
401.334.4100 (T) Ext: 4142  
774-275.7799 (C)

[mflynn@parecorp.com](mailto:mflynn@parecorp.com)

---

**From:** gary knapp <gknapp88@gmail.com>  
**Sent:** Monday, January 24, 2022 6:44 PM  
**To:** Michael Flynn <mflynn@parecorp.com>  
**Subject:** Rogers HS ESA presentation powerpoint

[EXTERNAL]

Hello Mr Flynn,

Just following up on my request to get a copy of the powerpoint presentation emailed to me.

Please let me know if that can be done. My email is [gknapp88@gmail.com](mailto:gknapp88@gmail.com).

Please confirm receipt of this email.

Respectfully,

Danforth G. Knapp

## Karen Iskierski

---

**From:** Michael Flynn  
**Sent:** Wednesday, February 16, 2022 9:17 AM  
**To:** Karen Iskierski  
**Subject:** Rogers High School - Paul Leys Aerial

FYI...Please add to correspondence list

---

**From:** Tim Thies <TThies@parecorp.com>  
**Sent:** Tuesday, February 15, 2022 5:31 PM  
**To:** Paul Leys <pleys@gustavewhite.com>; Michael Flynn <mflynn@parecorp.com>; Victoria Howland <vhowland@parecorp.com>  
**Cc:** mardie <hotcoco22@cox.net>  
**Subject:** RE: Rogers High School

Thank you Paul,

This is very interesting. Thanks for sending this over.

-Tim

**Timothy P. Thies, P.E.**  
*Senior Vice President/Division Manager*  
*Environmental Division*

**Pare Corporation**  
8 Blackstone Valley Place  
Lincoln, RI 02865  
(401) 334-4100 Ext.4137  
[www.parecorp.com](http://www.parecorp.com)



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---

**From:** Paul Leys <[pleys@gustavewhite.com](mailto:pleys@gustavewhite.com)>  
**Sent:** Tuesday, February 15, 2022 9:53 AM  
**To:** Tim Thies <[TThies@parecorp.com](mailto:TThies@parecorp.com)>  
**Cc:** mardie <[hotcoco22@cox.net](mailto:hotcoco22@cox.net)>  
**Subject:** FW: Rogers High School

[EXTERNAL]

My wife and I live across the street from RHS. We were given this photo from by friend. We believe it was taken by John Hopf, a local professional photographer who has since passed away. It is an aerial showing the entire school ground prior to construction.

If you would like to see the actual photo, just let me know.

Paul Leys and Mardie Corcoran  
57 Ruggles Avenue  
862 6706

---

IMPORTANT NOTE: Online banking/wire fraud is on the rise. If you receive any e-mail requesting financial information and/or that you wire or otherwise transfer funds, you must confirm the request and corresponding instructions by telephone with your agent before providing any details or initiating a transfer.



## Karen Iskierski

---

**From:** Michael Flynn  
**Sent:** Tuesday, March 29, 2022 8:39 AM  
**To:** Michael Flynn  
**Subject:** Kathy Leonard Responds to Ann Guinan

---

**From:** Kathryn Leonard <kateleonar@icloud.com>  
**Sent:** Monday, March 28, 2022 1:50 PM  
**To:** Ann Guinan <annieguinan1@gmail.com>  
**Cc:** Tim Thies <TThies@parecorp.com>; Becky Bolan <becky.bolan@gmail.com>; Stephanie Winslow <stephwinslow17@gmail.com>; Michael Flynn <mflynn@parecorp.com>  
**Subject:** Re: Rogers High School - environmental History

[EXTERNAL]

Ann, I am told that the SC is awaiting the PARE field testing results. Kate

Sent from my iPhone

On Mar 28, 2022, at 12:48 PM, Ann Guinan <[annieguinan1@gmail.com](mailto:annieguinan1@gmail.com)> wrote:

Hi Tim and kate

Following up from our emails from January. Do you know if they Have they tested the water down the bottom of my yard as I requested by the DEM?

Thanks

Annie Guinan  
401 662 7534

Sent from my iPhone

On Jan 19, 2022, at 9:32 AM, Tim Thies <[TThies@parecorp.com](mailto:TThies@parecorp.com)> wrote:

Ms. Guinan,

This information and photos are useful, thank you for sending. We will incorporate this information into our environmental planning process and use it to inform our next phase of environmental investigation.

Thanks again,

-Tim

**Timothy P. Thies, P.E.**  
*Senior Vice President/Division Manager*  
*Environmental Division*

**Pare Corporation**  
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(401) 334-4100 Ext.4137  
[www.parecorp.com](http://www.parecorp.com)



⚙ ENGINEERS ✨ SCIENTISTS ✨ PLANNERS

---

**From:** Ann Guinan <[annieguinan1@gmail.com](mailto:annieguinan1@gmail.com)>  
**Sent:** Wednesday, January 19, 2022 7:09 AM  
**To:** Tim Thies <[TThies@parecorp.com](mailto:TThies@parecorp.com)>  
**Cc:** Kate Leonard <[kateleonar@icloud.com](mailto:kateleonar@icloud.com)>; Becky Bolan <[becky.bolan@gmail.com](mailto:becky.bolan@gmail.com)>;  
Stephanie Winslow <[stephwinslow17@gmail.com](mailto:stephwinslow17@gmail.com)>  
**Subject:** Rogers High School - environmental History

[EXTERNAL]

Dear MR Thies

I am a parent to three students in Newport Public Schools, two of which attend Rogers High School.

My property is in Harrison Ave and I am directly behind the Soccer field at Rogers. I have owned this property for 15 years and there has been a constant runoff of water from the field in to my back yard, there is a storm drain that runs along my property and in to the main drain in Harrison.

The photos attached are from last week, I have a yellow/mustard color collection of water with a silver sheen that sits at the bottom of my yard, I am hoping to have the DEM do a water sample of this runoff.

Let me know if this information is of value to your investigation in to the industrial Remediation and Reuse act ( school siting law).

Thank you









Annie Guinan  
401 662 7534

Sent from my iPhone

Links contained in this email have been replaced. If you click on a link in the email above, the link will be analyzed for known threats. If a known threat is found, you will not be able to proceed to the destination. If suspicious content is detected, you will see a warning.

## Karen Iskierski

---

**From:** Ann Guinan <annieguinan1@gmail.com>  
**Sent:** Monday, March 28, 2022 12:49 PM  
**To:** Tim Thies  
**Cc:** Kate Leonard; Becky Bolan; Stephanie Winslow; Michael Flynn  
**Subject:** Re: Rogers High School - environmental History

[EXTERNAL]

Hi Tim and kate

Following up from our emails from January. Do you know if they have tested the water down the bottom of my yard as I requested by the DEM?

Thanks

Annie Guinan  
401 662 7534

Sent from my iPhone

On Jan 19, 2022, at 9:32 AM, Tim Thies <TThies@parecorp.com> wrote:

Ms. Guinan,

This information and photos are useful, thank you for sending. We will incorporate this information into our environmental planning process and use it to inform our next phase of environmental investigation.

Thanks again,

-Tim

**Timothy P. Thies, P.E.**  
*Senior Vice President/Division Manager*  
*Environmental Division*

**Pare Corporation**  
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(401) 334-4100 Ext.4137  
[www.parecorp.com](http://www.parecorp.com)



⚙ ENGINEERS ✖ SCIENTISTS ✖ PLANNERS

---

**From:** Ann Guinan <annieguinan1@gmail.com>  
**Sent:** Wednesday, January 19, 2022 7:09 AM  
**To:** Tim Thies <TThies@parecorp.com>  
**Cc:** Kate Leonard <kateleonar@icloud.com>; Becky Bolan <becky.bolan@gmail.com>; Stephanie Winslow <stephwinslow17@gmail.com>  
**Subject:** Rogers High School - environmental History

[EXTERNAL]

Dear MR Thies

I am a parent to three students in Newport Public Schools, two of which attend Rogers High School.

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Let me know if this information is of value to your investigation in to the industrial Remediation and Reuse act ( school siting law).

Thank you







Annie Guinan  
401 662 7534

Sent from my iPhone

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## Karen Iskierski

---

**From:** Michael Flynn  
**Sent:** Tuesday, March 29, 2022 8:40 AM  
**To:** Michael Flynn  
**Subject:** Pare Response regarding Stormwater Testing

---

**From:** Tim Thies <TThies@parecorp.com>  
**Sent:** Monday, March 28, 2022 3:45 PM  
**To:** Kyle Lentini <klentini@downesco.com>; Joe Desanti <jdesanti@downesco.com>; Victoria Howland <vhowland@parecorp.com>  
**Cc:** Michael Flynn <mflynn@parecorp.com>; Cathie Ellithorpe <CEllithorpe@slamcoll.com>; Theodore Tolis <ttolis@slamcoll.com>  
**Subject:** FW: Rogers High School - environmental History

To All:

I received the email below from Kathryn Leonard this afternoon, preceded by the email from Ann Guinan (also received this afternoon). Pare did not sample the stormwater in Ms. Guinan's yard nor were we asked to by her or DEM. Seems like she was going to ask DEM to, and maybe DEM thought we were. However, we have not sampled nor were we asked to by DEM or Ms. Guinan. I believe DEM is going to require further investigation of the landfill. Any sampling of potential off-site receptors should be done when the landfill is further investigated.

The information that Ms. Guinan provided, as well as all the neighbors that participated in the public feedback process, is useful and will be included with the packet of information that we send to the DEM when we file the Notification of Release for the site.

Please let me know if and how you would like me to respond to this email.

-Tim

**Timothy P. Thies, P.E.**  
*Senior Vice President/Division Manager*  
*Environmental Division*

**Pare Corporation**  
8 Blackstone Valley Place  
Lincoln, RI 02865  
(401) 334-4100 Ext.4137  
[www.parecorp.com](http://www.parecorp.com)



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**From:** Kathryn Leonard <[kateleonar@icloud.com](mailto:kateleonar@icloud.com)>  
**Sent:** Monday, March 28, 2022 1:50 PM

To: Ann Guinan <[annieguinan1@gmail.com](mailto:annieguinan1@gmail.com)>

Cc: Tim Thies <[TThies@parecorp.com](mailto:TThies@parecorp.com)>; Becky Bolan <[becky.bolan@gmail.com](mailto:becky.bolan@gmail.com)>; Stephanie Winslow <[stephwinslow17@gmail.com](mailto:stephwinslow17@gmail.com)>; Michael Flynn <[mflynn@parecorp.com](mailto:mflynn@parecorp.com)>

Subject: Re: Rogers High School - environmental History

[EXTERNAL]

Ann, I am told that the SC is awaiting the PARE field testing results. Kate

Sent from my iPhone

On Mar 28, 2022, at 12:48 PM, Ann Guinan <[annieguinan1@gmail.com](mailto:annieguinan1@gmail.com)> wrote:

Hi Tim and kate

Following up from our emails from January. Do you know if they Have they tested the water down the bottom of my yard as I requested by the DEM?

Thanks

Annie Guinan  
401 662 7534

Sent from my iPhone

On Jan 19, 2022, at 9:32 AM, Tim Thies <[TThies@parecorp.com](mailto:TThies@parecorp.com)> wrote:

Ms. Guinan,

This information and photos are useful, thank you for sending. We will incorporate this information into our environmental planning process and use it to inform our next phase of environmental investigation.

Thanks again,

-Tim

**Timothy P. Thies, P.E.**  
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**From:** Ann Guinan <[annieguinan1@gmail.com](mailto:annieguinan1@gmail.com)>

**Sent:** Wednesday, January 19, 2022 7:09 AM

**To:** Tim Thies <[TThies@parecorp.com](mailto:TThies@parecorp.com)>

**Cc:** Kate Leonard <[kateleonar@icloud.com](mailto:kateleonar@icloud.com)>; Becky Bolan <[becky.bolan@gmail.com](mailto:becky.bolan@gmail.com)>;  
Stephanie Winslow <[stephwinslow17@gmail.com](mailto:stephwinslow17@gmail.com)>

**Subject:** Rogers High School - environmental History

[EXTERNAL]

Dear MR Thies

I am a parent to three students in Newport Public Schools, two of which attend Rogers High School.

My property is in Harrison Ave and I am directly behind the Soccer field at Rogers. I have owned this property for 15 years and there has been a constant runoff of water from the field in to my back yard, there is a storm drain that runs along my property and in to the main drain in Harrison.

The photos attached are from last week, I have a yellow/mustard color collection of water with a silver sheen that sits at the bottom of my yard, I am hoping to have the DEM do a water sample of this runoff.

Let me know if this information is of value to your investigation in to the industrial Remediation and Reuse act ( school siting law).

Thank you





## Karen Iskierski

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**From:** Karen Iskierski  
**Sent:** Wednesday, March 30, 2022 12:21 PM  
**To:** Karen Iskierski  
**Subject:** Rogers Construction Photo

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**From:** Michael Flynn <[mflynn@parecorp.com](mailto:mflynn@parecorp.com)>  
**Sent:** Thursday, February 10, 2022 1:52 PM  
**To:** Karen Iskierski <[kiskierski@parecorp.com](mailto:kiskierski@parecorp.com)>  
**Subject:** FW: Rogers Construction Photo

See below...this was an email sent to us by Adam Keefe (I mistakenly referred to him as Brian Taylor). He mentions two other guys, Mark and Jerry Taylor.

Mike F

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**From:** Tim Thies <[TThies@parecorp.com](mailto:TThies@parecorp.com)>  
**Sent:** Wednesday, February 9, 2022 1:43 PM  
**To:** David Potter <[DPotter@parecorp.com](mailto:DPotter@parecorp.com)>; Victoria Howland <[vhowland@parecorp.com](mailto:vhowland@parecorp.com)>  
**Cc:** Michael Flynn <[mflynn@parecorp.com](mailto:mflynn@parecorp.com)>  
**Subject:** FW: Rogers Construction Photo

Public engagement continues, a lot of interest in this site.

**Timothy P. Thies, P.E.**  
*Senior Vice President/Division Manager*  
*Environmental Division*

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⚙ ENGINEERS ✳ SCIENTISTS ✳ PLANNERS

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**From:** Adam Keefe <[adamkeefe.aok@gmail.com](mailto:adamkeefe.aok@gmail.com)>  
**Sent:** Wednesday, February 9, 2022 1:01 PM  
**To:** Tim Thies <[TThies@parecorp.com](mailto:TThies@parecorp.com)>  
**Subject:** Rogers Construction Photo

[EXTERNAL]

Timothy,

I have several resources and photos which might be helpful for figuring out the context of the Rogers site and would love to help. Here's one image from the construction of the auditorium. Has Mark Taylor sent along all the photos from his father, Jerry Taylor?



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Best,  
Adam Keefe