

TABLE 1: SUMMARY DATA TABLE - TEST PIT SAMPLES

Lab Sample Number: Date Sampled: Depth (inches) Stratum	TP-3 2C02068-01 3/1/2022 17 inches Black Fill		TP-3 2C02068-02 3/1/2022 2.5 FT Native dark and cobbled		TP-4 2C02068-03 3/1/2022 1.5 FT Black Fill		TP-6 2802020-06 2/1/2022 1.5 FT Parking Lot Fill		TP-6 2802020-07 2/1/2022 3 FT Native Fine Silt Loam		TP-10 2801034-06 2/1/2022 1.5 FT Black Fill		TP-10 2801034-07 2/1/2022 37 inches Native Fine Loam		TP-11 2C02068-04 3/1/2022 26 inches Fill with building debris		TP-11 2C02068-05 3/1/2022 58 inches Native, Loamy with high fines		TP-11 (FD) 2C02068-06 3/1/2022 58 inches		TP-12 2801034-04 2/1/2022 38 inches Fill with building debris		TP-12 2801034-05 2/1/2022 55 inches Fill		TP-13 2801034-02 1/31/2022 28 inches Fine Sand (Small Pockets)		TP-13 2801034-03 1/31/2022 32 inches Fill with building debris		TP-14 2C02068-07 3/1/2022 1.5 FT Brown Fill		TP-14 2C02068-08 3/1/2022 28 inches Native Fine Loam		TP-17 2802020-08 2/2/2022 2 FT 3 inches Dark fill with building debris		TP-17 2802020-09 2/2/2022 47 inches Dark fill with building debris		TP-21 2803031-01 2/2/2022 17 inches Dark fill with building debris		TP-21 2803031-02 2/2/2022 44 inches Dark Fill with Refuse			
	Location	Courtyard between buildings, 30 FT from Canopy				Courtyard between buildings, 30 FT from Canopy				Landscape area between student parking and exit				North of Circular Building building between walkway and woods				Corner between circular building and breezeway to auditorium				North of gym, old quarry location				North of Gym Northern edge of field				Mid Point between Eastern Cell Tower and Building				Near Louis H Dobbs Courts				Centerline of soccer field near striping and rubtec				
PID**	0.00		0.00		0.10		0.00		0.00		0.10		0.10		0.00		0.00		0.00		0.10		0.10		0.20		0.10		0.10		0.00		0.20		0.10		0.00		0.00			
Parameter	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	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				
<b>General Chemistry</b>																																										
Flashpoint	> 200	70	> 200	70	> 200	70	> 200	70	> 200	70	> 200	70	> 200	70	> 200	70	> 200	70	> 200	70	> 200	70	> 200	70	> 200	70	> 200	70	> 200	70	> 200	70	> 200	70	> 200	70	> 200	70				
Specific Conductance	3.3	2	2.3	2	3.2	2	6.9	2	9.5	2	8.3	2	16	2	9	2	4.8	2	5.8	2	4.7	2	7.2	2	36.7	2	18.7	2	2.1	2	2.9	2	4.8	2	6.9	2	6.2	2	24.1	2		
pH	5.9		5.9		5.5		6.5		6		7.4		7.1		6.5		5.8		6		7.1		7.4		8.5		8		5.3		5.5		6.1		6.2		8.1					
<b>Polychlorinated Biphenyls (PCBs) ug/kg</b>																																										
Aroclor-1260	ND	78	ND	74	ND	77	ND	74	ND	74	ND	72	ND	72	ND	81	ND	77	ND	77	ND	75	ND	76	ND	76	ND	73	ND	75	ND	72	ND	71	ND	87	ND	75	ND	74		
Aroclor-1262	ND	78	ND	74	ND	77	ND	74	ND	74	ND	72	ND	72	ND	81	ND	77	ND	77	ND	75	ND	76	ND	76	ND	73	ND	75	ND	72	ND	71	ND	87	ND	75	ND	74		
Aroclor-1268	ND	78	ND	74	ND	77	ND	74	ND	74	ND	72	ND	72	ND	81	ND	77	ND	77	ND	75	ND	76	ND	76	ND	73	ND	75	ND	72	ND	71	ND	87	ND	75	ND	74		
PCBs (Total)	ND	78	ND	74	ND	77	ND	74	ND	74	ND	72	ND	72	ND	81	ND	77	ND	77	ND	75	ND	76	ND	76	ND	73	ND	75	ND	72	ND	71	ND	87	ND	75	ND	74		
<b>Semivolatile organic compounds* ug/kg</b>																																										
2-Methylnaphthalene	ND	154	ND	145	ND	154	ND	149	ND	144	ND	140	ND	146	ND	160	ND	155	ND	155	ND	146	ND	152	ND	303	ND	147	ND	153	ND	149	ND	134	ND	162	ND	144	190	143	123000	1.00E+07
Acenaphthylene	ND	154	ND	145	ND	154	ND	149	ND	144	ND	140	ND	146	ND	160	ND	155	ND	155	ND	146	ND	152	ND	303	ND	147	ND	153	ND	149	ND	134	ND	162	ND	144	190	143	23000	1.00E+07
Anthracene	ND	154	ND	145	ND	154	ND	149	ND	144	ND	140	ND	146	ND	160	ND	155	ND	155	ND	146	ND	152	ND	303	ND	147	ND	153	ND	149	ND	134	ND	162	ND	144	190	143	35000	1.00E+07
Benzo(a)anthracene	ND	154	ND	145	ND	154	ND	149	ND	144	ND	140	ND	146	ND	160	ND	155	ND	155	ND	146	ND	152	ND	303	ND	147	ND	153	ND	149	ND	134	ND	162	ND	144	365	143	900	7800
Benzo(a)pyrene	ND	154	ND	145	ND	154	ND	149	ND	144	ND	140	ND	146	ND	160	ND	155	ND	155	ND	146	ND	152	ND	303	ND	147	ND	153	ND	149	ND	134	ND	162	ND	144	464	143	400	800
Benzo(b)fluoranthene	ND	154	ND	145	ND	154	ND	149	ND	144	ND	140	ND	146	ND	160	ND	155	ND	155	ND	146	ND	152	ND	303	ND	147	ND	153	ND	149	ND	134	ND	162	ND	144	586	143	900	7800
Benzo(g,h,i)perylene	ND	154	ND	145	ND	154	ND	149	ND	144	ND	140	ND	146	ND	160	ND	155	ND	155	ND	146	ND	152	ND	303	ND	147	ND	153	ND	149	ND	134	ND	162	ND	144	440	143	800	1.00E+07
Benzo(k)fluoranthene	ND	154	ND	145	ND	154	ND	149	ND	144	ND	140	ND	146	ND	160	ND	155	ND	155	ND	146	ND	152	ND	303	ND	147	ND	153	ND	149	ND	134	ND	162	ND	144	218	143	900	78000
Chrysene	ND	154	ND	145	ND	154	ND	149	ND	144	ND	140	ND	146	ND	160	ND	155	ND	155	ND	146	ND	152	ND	303	ND	147	ND	153	ND	149	ND	134	ND	162	ND	144	427	143	400	780000
Dibenz(a,h)anthracene	ND	154	ND	145	ND	154	ND	149	ND	144	ND	140	ND	146	ND	160	ND	155	ND	155	ND	146	ND	152	ND	303	ND	147	ND	153	ND	149	ND	134	ND	162	ND	144	253	144	400	800
Fluoranthene	ND	154	ND	145	ND	154	ND	149	ND	144	ND	140	ND	146	ND	160	ND	155	ND	155	ND	146	ND	152	ND	303	ND	147	ND	153	ND	149	ND	134	ND	162	ND	144	593	143	20000	1.00E+07
Indeno(1,2,3-cd)pyrene	ND	154	ND	145	ND	154	ND	149	ND	144	ND	140	ND	146	ND	160	ND	155	ND	155	ND	146	ND	152	ND	303	ND	147	ND	153	ND	149	ND	134	ND	162	ND	144	447	143	900	7800
Naphthalene	ND	154	ND	145	ND	154	ND	149	ND	144	ND	140	ND	146	ND	160	ND	155	ND	155	ND	146	ND	152	ND	303	ND	147	ND	153	ND	149	ND	134	ND	162	ND	144	ND	143	54000	1.00E+07
Phenanthrene	ND	154	ND	145	ND	154	ND	149	ND	144	ND	140	ND	146	ND	160	ND	155	ND	155	ND	146	ND	152	ND	303	ND	147	ND	153	ND	149	ND	134	ND	162	ND	144	307	143	40000	1.00E+07
Pyrene	ND	154	ND	145	ND	154	ND	149	ND	144	ND	140	ND	146	ND	160	ND	155	ND	155	ND	146	ND	152	ND	303	ND	147	ND	153	ND	149	ND	134	ND	162	ND	144	662	143	13000	1.00E+07
<b>Total Metals</b>																																										
Arsenic	3.29	0.36	7.42	0.97	5.65	0.75	8.1	1.05	11.2	0.9	3.53	1.01	8.55	1.06	5.1	0.59	5.21	0.78	4.81	0.7	3.26	0.91	9.78	0.98	7.78	1.02	11.2	1.09	4.63	0.66	4.9	0.95	4.98	1.01	10.1	1.32	37.8	0.92	10.4	0.97	7	7
Barium	18.5	0.12	42.8	0.32	19.5	0.25	38.8	0.35	30.9	0.3	21.9	0.33	35	0.35	119	0.19	34.1	0.26	1.77	0.23	28.5	0.3	59	0.32	209	0.34	156	0.36	29.9	0.22	23	0.31	23.7	0.33	100	0.43	51.1	0.3	216	0.32	5500	10000
Cadmium	1.43	0.18	2.29	0.48	2.11	0.37	2.09	0.53	2.87	0.45	1.52	0.51	2.72	0.53	2.06	0.29	1.97	0.39	1.77	0.35	1.35	0.45	2.4	0.49	1.57	0.51	3.01	0.55	1.83	0.33	2.08	0.48	1.65	0.51	0.87	0.66	2.98	0.46	3.81	0.48	39	1000
Chromium	7.61	0.18	12.9	0.48	11.6	0.37	15.4	0.53	17.2	0.45	10.9	0.51	14.8	0.53	7.13	0.29	12.6	0.39	10.6	0.35	6.86	0.45	14.1	0.49	32.9	0.51	15.7	0.55	11.6	0.33	14.4	0.48	8.44	0.51	7.47	0.66	16.5	0.46	66.3	0.48	1400	10000
Lead	65.1	0.18	18.8	0.48	176	0.37	19.5	0.53	10.1	0.45	21	0.51	11.8	0.53	382	0.29	30.8	0.39	47.6	0.35	27.4	0.45	346	0.49	247	0.51	706	0.55	31.3	0.33	10.7	0.48	47.1	0.51	95	0.66	167	0.46	995	0.48	150	500
Selenium	ND	0.36	ND	0.97	ND	0.75	ND	1.05	ND	0.9	ND	1.01	ND	1.06	ND	0.59	ND	0.78	ND	0.7	ND	0.91	ND	0.98	ND	1.02	ND	1.09	ND	0.66	ND	1.01	ND	1.32	ND	0.92	ND	0.97	390	10000		
Silver	ND	0.36	ND	0.97	ND	0.75	ND	1.05	ND	0.9	ND	1.01	ND	1.06	ND	0.59	ND	0.78	ND	0.7	ND	0.91																				

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 2/1/2022 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																						
2C02069-04 3/2/2022 0-0.5 FT																								
<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
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).





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  
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**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)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
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)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
<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
<hr/>						
Surrogate(s)	Recovery%		Limits			
<hr/>						
<i>4-Bromofluorobenzene</i>	<i>92.0%</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>96.2%</i>		<i>70-130</i>		<i>02/04/22</i>	<i>02/04/22</i>

## 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
<hr/>						
Surrogate(s)	Recovery%		Limits			
<hr/>						
<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
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Surrogate(s)	Recovery%		Limits			
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<i>4-Bromofluorobenzene</i>	<i>84.5%</i>		<i>70-130</i>		02/04/22	02/05/22
<i>1,2-Dichloroethane-d4</i>	<i>100%</i>		<i>70-130</i>		02/04/22	02/05/22
<i>Toluene-d8</i>	<i>95.0%</i>		<i>70-130</i>		02/04/22	02/05/22

## 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
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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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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		

**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		
<hr/>										
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						
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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.





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  
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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 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			
<hr/>						
<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
Surrogate(s)	Recovery%		Limits			
<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
<hr/>						
Surrogate(s)	Recovery%		Limits			
<hr/>						
<i>4-Bromofluorobenzene</i>	<i>93.7%</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>98.4%</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"**

**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
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
Surrogate(s)	Recovery%		Limits			
<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
1,1,2,2-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
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>96.3%</i>		<i>70-130</i>		<i>03/04/22</i>	<i>03/05/22</i>
<i>1,2-Dichloroethane-d4</i>	<i>111%</i>		<i>70-130</i>		<i>03/04/22</i>	<i>03/05/22</i>
<i>Toluene-d8</i>	<i>98.1%</i>		<i>70-130</i>		<i>03/04/22</i>	<i>03/05/22</i>

## 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
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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>	<i>67.9%</i>		<i>30-126</i>		03/09/22	03/11/22
<i>p-Terphenyl-d14</i>	<i>94.2%</i>		<i>47-130</i>		03/09/22	03/11/22
<i>2-Fluorobiphenyl</i>	<i>72.7%</i>		<i>34-130</i>		03/09/22	03/11/22
<i>Phenol-d6</i>	<i>62.6%</i>		<i>30-130</i>		03/09/22	03/11/22
<i>2,4,6-Tribromophenol</i>	<i>82.8%</i>		<i>30-130</i>		03/09/22	03/11/22
<i>2-Fluorophenol</i>	<i>59.4%</i>		<i>30-130</i>		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
<hr style="border-top: 1px dashed black;"/>						
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
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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>	<i>63.8%</i>		<i>36.2-130</i>		03/10/22	03/11/22
<i>Decachlorobiphenyl (DCBP)</i>	<i>78.4%</i>		<i>43.3-130</i>		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		
1,1,1,2,2-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		
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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		
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<b>Batch: B2C0661 - EPA 3546</b>										
<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		
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<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		
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<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-BS1)</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						
-----										
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
-----										
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		AQUEOUS	SOIL	OTHER	NO. OF CONTAINERS	PRESERVATIVE	TESTS*	REMARKS				
21106.00		SILVIA/M Rogers HS												
CLIENT: Pure Corp														
REPORT TO: hprasada@purecorp.com														
INVOICE TO: Acct.														
DATE	TIME	MOOC	GRA B	SAMPLE I.D.			.32							
3/1/22	11:45	α		TP-3	Fill A	17"						4	✓	✓
3/1/22	11:45	α		TP-3	C Layer	30"	4	✓	✓	✓	✓	✓	✓	Natural layer, 0.0 ppm
3/1/22	11:05	α		TP-4	Fill A	18"	4	✓	✓	✓	✓	✓	✓	Fill layer over bedrock, 0.1 ppm
3/1/22	10:15	α		TP-11	Fill A	26"	4	✓	✓	✓	✓	✓	✓	Fill layer, much debris, 0.0 ppm
3/1/22	10:15	α		TP-11	C Layer	58"	4	✓	✓	✓	✓	✓	✓	Natural, heavy soil, 0.0 ppm
3/1/22	10:15	α		TP-11	C Layer	58" (FD)	4	✓	✓	✓	✓	✓	✓	Field duplicate sample
3/1/22	1:10	α	X	TP-14	Fill A	18"	4	✓	✓	✓	✓	✓	✓	Fill layer, little debris, 0.1 ppm
3/1/22	1:10	α	X	TP-14	C Layer	28"	4	✓	✓	✓	✓	✓	✓	Natural soil over bedrock, 0.0 ppm

Sampled by: (Signature) <i>Sponner MFA</i>	Date/Time 3/1/22 9 AM	Received by: (Signature) <i>Walter P...</i>	Date/Time 3/1/22 9:01 AM	Laboratory Remarks: Temp. received: 7° Cooled <input type="checkbox"/>	Special Instructions: List Specific Detection Limit Requirements:
Relinquished by: (Signature) <i>Walter P...</i>	Date/Time 3/1 4:13	Received by: (Signature)	Date/Time		
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature) <i>Oliver...</i>	Date/Time 3/1/22 16:23		
				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: 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)**

<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>8.5</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)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
<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)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
<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
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	91.7%		70-130		02/04/22	02/04/22
<i>1,2-Dichloroethane-d4</i>	97.2%		70-130		02/04/22	02/04/22
<i>Toluene-d8</i>	97.7%		70-130		02/04/22	02/04/22

## 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
<hr/>						
Surrogate(s)	Recovery%		Limits			
<hr/>						
<i>4-Bromofluorobenzene</i>	<i>88.5%</i>		<i>70-130</i>		02/04/22	02/04/22
<i>1,2-Dichloroethane-d4</i>	<i>99.0%</i>		<i>70-130</i>		02/04/22	02/04/22
<i>Toluene-d8</i>	<i>96.1%</i>		<i>70-130</i>		02/04/22	02/04/22

## 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
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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
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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
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-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
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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>					Prepared & Analyzed: 02/04/22					
<b>Blank (B2B0269-BLK1)</b>										
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						
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<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		
<hr/>										
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**

<b>Blank (B2B0309-BLK1)</b>					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
<hr/>										
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						
<i>Surrogate: 2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>			12.9	ug/kg	13.3		96.6	36.2-130		
<i>Surrogate: Decachlorobiphenyl (DCBP)</i>			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		
<i>Surrogate: 2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>			13.4	ug/kg	13.3		100	36.2-130		
<i>Surrogate: Decachlorobiphenyl (DCBP)</i>			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
<i>Surrogate: 2,4,5,6-Tetrachloro-m-xylene (TCMX)</i>			13.5	ug/kg	13.3		101	36.2-130		
<i>Surrogate: Decachlorobiphenyl (DCBP)</i>			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)

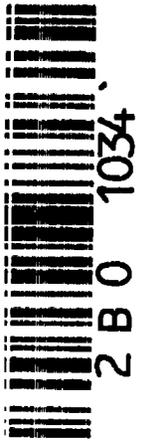
**TCLP Metals**

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		REPORT TO:		INVOICE TO:		DATE		TIME	SAMPLE I.D.	SCORE	LOS	OTHER	NO. OF CONTAINERS	TESTS**	REMARKS
2106.00	Rogers HS, Newport, RI	S/L/A/M Collaborative/Rogers HS/Newport, RI				1/31/22	9:45am	B22-3 S-3 "FILL" (4'-6")	✓	X			3	VOCs (H/Low) B260 PCBs B270 TPH B100 RCR48 METALS PH/Lignitability/Conductivity	*MACOMM-97 PARAMETERS AT GROUP PRICE
						1/31/22	9:45am	B22-3 HOM. "FILL" (0'-6")	✓	X			1		MUST MEET RIDEM RDEC LIMIT
						1/31/22	9:25	TP-13 28" Local Sand	✓	X			3		
						1/31/22	9:30	TP-13 32" Fill A	✓	X			4		
						2/1/22	9:05	TP-12 Fill A 38"	✓	X			4		
						2/1/22	9:05	TP-12 Fill C 55"	✓	X			4		
						2/1/22	9:05	TP-10 Fill E 19"	✓	X			4		
						2/1/22	8:50	TP-10 C Layer 87"	✓	X			4		

\* Conductivity

RESERVATIVE

Laboratory Remarks:  
 Temp. received: 14  
 Cooled: 9A

Special Instructions:  
 List Specific Detection  
 Limit Requirements:

Turnaround (Business Days)

Sampled by: (Signature) <i>Spony</i>	Date/Time 2/1/22 11:30 AM	Received by: (Signature) <i>Spony &amp; Callahan</i>	Date/Time 2/1/22 11:50
Relinquished by: (Signature) <i>Spony &amp; Callahan</i>	Date/Time 2/1/22 14:20	Received by: (Signature) <i>Callahan</i>	Date/Time 2/1/22 14:20
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

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

*Handwritten initials*



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)**

<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>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)**

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>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
<hr/>						
Surrogate(s)	Recovery%		Limits			
<hr/>						
<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
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Surrogate(s)	Recovery%		Limits			
<hr/>						
<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>					Prepared & Analyzed: 02/04/22					
<b>Blank (B2B0269-BLK1)</b>										
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		
1,1,1,2,2-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/>										
Surrogate: Nitrobenzene-d5			2930	ug/kg	3230		90.6	30-126		
Surrogate: p-Terphenyl-d14			3220	ug/kg	3230		99.7	47-130		
Surrogate: 2-Fluorobiphenyl			2780	ug/kg	3230		85.9	34-130		
Surrogate: Phenol-d6			2930	ug/kg	3230		90.8	30-130		
Surrogate: 2,4,6-Tribromophenol			3160	ug/kg	3230		97.9	30-130		
Surrogate: 2-Fluorophenol			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						
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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
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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.  
(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			
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>	<i>92.7%</i>		<i>70-130</i>		<i>03/08/22</i>	<i>03/08/22</i>
<i>1,2-Dichloroethane-d4</i>	<i>96.9%</i>		<i>70-130</i>		<i>03/08/22</i>	<i>03/08/22</i>
<i>Toluene-d8</i>	<i>98.1%</i>		<i>70-130</i>		<i>03/08/22</i>	<i>03/08/22</i>

## 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>	78.7%		47-115		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>										
<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						
-----										
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
-----										
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		

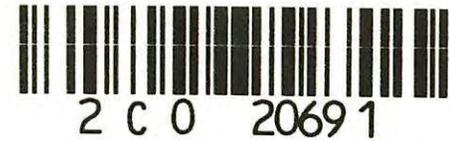
**Quality Control**  
(Continued)

**Total Petroleum Hydrocarbons**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: 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		TPH	VOLs	Lead	PCBs	
DATE	TIME	COMP	GRAB	SAMPLE I.D.							
21106.00		S/LIA/M Rogers HS									
Puro Corp											
REPORT TO: Housha											
INVOICE TO: Acct.											
						.25					
3/2	2:10			B22-6	X	4	X	X			
	2:15			B22-6D	X	4	X	X			
	3:15			B22-8	X	4	X	X			
	10:40			S-1				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>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

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		
	<i>[Signature]</i>		3/2 4:13		<i>[Signature]</i>				Temp. received		List Specific Detection Limit Requirements		
	Relinquished by (Signature)		Date/Time		Received by (Signature)		Date/Time		Cooled <input type="checkbox"/>		Turnaround (Business Days)		
	<i>[Signature]</i>				<i>[Signature]</i>						Trip Blank provided for vol of 3/2		
	Relinquished by (Signature)		Date/Time		Received for Laboratory by (Signature)		Date/Time						
	<i>[Signature]</i>				<i>[Signature]</i>		3/2 16:33						

\*\*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)**

<b><u>Analysis</u></b>	<b><u>Method</u></b>
Herbicides	EPA 8151A
Pesticides	EPA 8081B

### **PH-2 (Lab Number: 2C02070-02)**

<b><u>Analysis</u></b>	<b><u>Method</u></b>
Herbicides	EPA 8151A
Pesticides	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>	44.6%		30-106		03/10/22	03/11/22
<i>Decachlorobiphenyl (DCBP)</i>	66.4%		32-110		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/>										
<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/>										
<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/>										
<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
CLIENT		A D D I T I O N S	S O I L	O T H E R	NO. OF CONTAINERS		Pesticide Herbicide						
DATE	TIME					COMP	GRAB	SAMPLE I.D.					
21106.00		S/L/A/M Rogers HS											
Pare		Horsha											
3/2	12:00			PH-1	1								
✓	12:15			PH-2	1								
Sampled by: (Signature)		Date/Time		Received by: (Signature)		Date/Time		Laboratory Remarks:				Special Instructions:	
[Signature]		3/2 4:13		[Signature]				Temp. received: _____ Cooled 70				List Specific Detection Limit Requirements:	
Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time						Turnaround (Business Days) _____	
Relinquished by: (Signature)		Date/Time		Received for Laboratory by: (Signature)		Date/Time							
				[Signature]		3/2/22 16:13							

\*\*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			
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			
4-Bromofluorobenzene	93.8%		70-130		03/08/22	03/08/22
1,2-Dichloroethane-d4	101%		70-130		03/08/22	03/08/22
Toluene-d8	101%		70-130		03/08/22	03/08/22

## 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>	<i>54.4%</i>		<i>36.2-130</i>		03/10/22	03/11/22
<i>Decachlorobiphenyl (DCBP)</i>	<i>61.8%</i>		<i>43.3-130</i>		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						
<hr/>										
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		
<hr/>										
<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	3.07	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						
-----										
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
-----										
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: 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.



2 C 0 2069 1

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

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		
	<i>[Signature]</i>		3/2 4:13		<i>[Signature]</i>				Temp. received		List Specific Detection Limit Requirements		
	Relinquished by (Signature)		Date/Time		Received by (Signature)		Date/Time		Cooled <input type="checkbox"/>		Turnaround (Business Days)		
	<i>[Signature]</i>				<i>[Signature]</i>						Trip Blank provided for vol of 3/2		
	Relinquished by (Signature)		Date/Time		Received for Laboratory by (Signature)		Date/Time						
	<i>[Signature]</i>				<i>[Signature]</i>		3/2 16:33						

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