March 29, 2024

Mr. Charlie Breuer
Hueber Breuer Construction Company, Inc.
148 Berwyn Avenue
Syracuse, New York 13210

RE: Limited Phase II Subsurface Investigation Report
Six parcels in Baldwinsville, New York
CHA Project Number: 086821

Dear Mr. Breuer:

CHA Consulting Inc. (CHA) performed a subsurface investigation on March 6th, 2024 at the property located across the following six parcels in the Village of Baldwinsville, Onondaga County, New York, collectively referred to as the "Site":

Tax ID	Owner	Street #	Street
007.-03-39.1	Baldwinsville Towne Center LLC	80	East Genesee Street
007.-03-15.1	Baldwinsville Towne Center LLC	14	Curtis Avenue
007.-03-32.3	Baldwinsville Towne Center LLC	56	Curtis Avenue
007.-03-32.1	Baldwinsville Towne Center LLC	53	Salina Street Rear
007.-03-36.0	Baldwinsville Towne Center LLC	51	Salina Street
007.-03-37.0	Helen & Frank Prince	49	Salina Street

This investigation was performed to evaluate the subsurface for potential environmental impacts associated with the former operations at the Site, which include a bronze and aluminum foundry. Additionally, CHA prepared a Phase I Environmental Site Assessment (ESA) in January 2024 which revealed the following Historical Recognized Environmental Conditions (HRECs):

- Historical use of a portion of the Site as a foundry known as the "Jardine Bronze & Aluminum Foundry, Inc." The foundry operated from around 1944 until approximately 1992. The foundry used the land for on-site waste disposal site.
- Historical use of a portion of the Site as an automotive transmission repair shop from approximately 1995 to 1999.
- Historical presence of a 5000-gallon Above ground storage tank located at the Site that was "closed in place" in December 1996, but was not identified during the site reconnaissance in January 2024.

SCOPE OF WORK

Surface Soil

As part of the Phase I ESA, CHA noted that there were large areas that appear to have been graded and filled in within several of the aerial images. To characterize the surface soil condition in these areas, CHA collected two surface soil samples for laboratory analysis. The samples were collected four to six inches below ground surface (bgs) in the locations shown on Figure 1. Surface soil logs summarizing the surface soil conditions encountered, soil type, and other field observations are included in Attachment A.

Subsurface Soil

To characterize subsurface conditions, CHA retained Nature's Way Contracting LLC to advance nine soil borings and install four temporary wells across the Site, shown on Figure 1. The soil borings were advanced using hydraulic push (Geoprobe®) drilling techniques and were continuously screened with a photoionization detector (PID) for the presence of volatile organic vapors. The soil borings were either advanced to the point at which groundwater was observed, or a maximum depth of 20 feet bgs. Soil boring logs summarizing the subsurface conditions encountered are included as Attachment B. The logs include soil type, PID readings, and other applicable field observations.

One representative soil sample from eight of the soil borings was selected from the horizon exhibiting the highest probability for possible contamination, typically above the groundwater table, unless evidence of contamination such as staining or elevated PID readings were observed.

All non-disposable, down-hole equipment (e.g. MacroCore® sampler) was decontaminated with Alconox and water rinse between sampling locations, to prevent possible cross-contamination.

Groundwater

Four of the soil borings were converted into temporary monitoring wells to facilitate the collection of groundwater samples for laboratory analysis. The locations of wells were chosen based on the presumed direction of groundwater flow and are shown on Figure 1. Each monitoring well was constructed with one-inch diameter PVC riser pipe and well screen. The well screen had a slot opening size of 0.010-inches and the screen was inserted directly into the open boring. CHA collected one groundwater sample from each of the wells using disposable polyethylene bailers. The installation of temporary wells and the use of bailers to collect the groundwater samples resulted in turbid samples.

Once groundwater samples were collected, the PVC piping was removed and each borehole was backfilled with excess soil generated from the boring operations.

Soil and Groundwater Samples

Soil and groundwater samples were submitted to Pace Analytical located in Westborough, Massachusetts (Laboratory Certification Number 11148) for laboratory analysis of:

- Volatile organic compounds (VOCs) via Environmental Protection Agency (EPA) Method 8260 (no surface soil samples);
- Semi-volatile organic compounds (SVOCs) via EPA Method 8270 (all soil and groundwater);
- Total Solids via EPA Method SM 2540 (all surface soil samples);
- RCRA 8 Metals via EPA Method 6010 (all soil and groundwater sample locations);

Samples were placed directly into laboratory-supplied containers, which were labeled with the project name, sample identification, date, time, sampler's initials, and applicable laboratory analyses. Samples were submitted to Pace Analytical under proper chain-of-custody protocols.

FIELD OBSERVATIONS

Soils at the site are generally sands followed by silty clays. Typically, wet soils were encountered approximately 5 to 10 feet bgs. Evidence of contamination such as free-product, staining, sheen, or odor were not identified in the media sampled on the site. Soil boring logs are included in Attachment B.

Depth to the top of groundwater in the temporary wells was typically recorded between 3 to 8 feet bgs. A survey of the wells was not prepared during this subsurface investigation because only temporary groundwater wells were installed. However, based on proximity to the Seneca River, the direction of groundwater flow is inferred as toward the west.

ANAYLTICAL RESULTS

Results for surface soil, subsurface soil and groundwater are presented in Tables 1 and 2. Full laboratory reports for all media are included in Attachment C.

Surface Soil

Surface Soil results are presented in Table 1 and were compared to Title 6 of the New York Codes, Rules and Regulations (NYCRR) Part 375 – Soil Cleanup Objectives (SCO) for Unrestricted Use sites. Results indicate that there were detections of SVOCs at location SURF-001 near the western side of the property. However, no SVOCs exceeded their respective unrestricted SCOs. Figure 1 visually represents the location of each surface soil sample.

In addition to the SVOCs, the metals arsenic, barium, chromium, and lead were detected in both surface soil samples. However, the only parameter exceeding the unrestricted SCO was lead in SURF-002 at a concentration of 92.6 mg/kg against a standard of 63 mg/kg.

Subsurface Soil

Subsurface soil results are presented in Table 1 and were also compared to 6 NYCRR Part 375 SCOs for Unrestricted Use sites. As shown in Table 1, trace levels of VOCs, and low levels of metals were detected in the soil samples collected. SVOCs were not detected in the subsurface soil. None of the detected parameters exceeded their respective unrestricted SCOs. Figure 1 visually represents the location of each soil boring.

Groundwater

Groundwater results are presented in Table 2 and were compared to the Technical Operations and Guidance Series 1.1.1. (TOGS 1.1.1.) Ambient Water Quality Standards for Class GA waters. As shown in Table 2, there were multiple VOCs, SVOCs, and metals detected in the groundwater samples collected. Figure 1 visually represents the location of each groundwater sample collected. The following compounds that exceed their respective TOGS 1.1.1. standards are, in summary:

- Although acetone, benzene and tetrachloroethene were detected, they were not detected above TOGS 1.1.1.
- The following SVOC compounds were detected above TOGS 1.1.1:
    - Benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, and chrysene in TMW-001, TMW-002 and TMW-004
    - Indeno(1,2,3-cd)pyrene in TMW-004
    - Naphthalene in TMW-003
- The following metals were detected above TOGS 1.1.1 AWQS:
    - Arsenic in TMW-001
    - Barium in TMW-001 and TMW-002
    - Chromium in TMW-001, TMW-002 and TMW-003
    - Lead in TMW-001, TMW-002 and TMW-003
    - Selenium in TMW-001, TMW-002 and TMW-003

SVOCs and metals were detected in the groundwater samples at concentrations exceeding their respective TOGS 1.1.1. standards. Metals adsorb to soil particles and the groundwater samples were turbid at the time of collection. This likely increased the detected concentrations of metals in the groundwater.

CONCLUSIONS

Although not widespread, analytical results do indicate the presence of metals contamination at the Site, particularly on the former foundry parcels (007.-03-39.1, 007-.03-32.3 and 007.-03-15.1). Groundwater results also indicate the presence of heavy metals, likely due to the historical presence of a bronze and aluminum foundry.

Given the limited nature of the investigation it is difficult to know if the impacts would qualify the property as a candidate for the NYSDEC Brownfield Cleanup Program (BCP). Elevated detections of lead in the surface soil and subsurface soil near the former pond indicate a potential area of contamination.

RECOMMENDATIONS

Based on the results of the investigation CHA recommends the following:

- A pre-application meeting be held with the NYSDEC Region 7 Division of Environmental Remediation to determine what, if any, additional information would be required prior to applying to the program. Note that this was a limited investigation and additional sampling may be warranted to provide a more clear picture as to the extent of the contamination.
- If the site is to be redeveloped outside of the Brownfield Cleanup Program, a plan should be in place to address groundwater that is encountered as it may be impacted by metals contamination. Additionally, community air monitoring should be in place during soil removal or disturbance activities, particularly within the areas where there are known impacts (i.e. the former pond and foundry area).
- Appropriate site cover should be placed across all green spaces to prevent the potential human exposure to impacted surface soil post redevelopment.

If you should have any questions or require additional information, please feel free to contact me at (315) 257-7154.

Sincerely,

Andrew Hodgens

Andrew Hodgens
Scientist II

Samantha Miller

Samantha J. Miller, PE,
Senior Engineer V

AH/sjm
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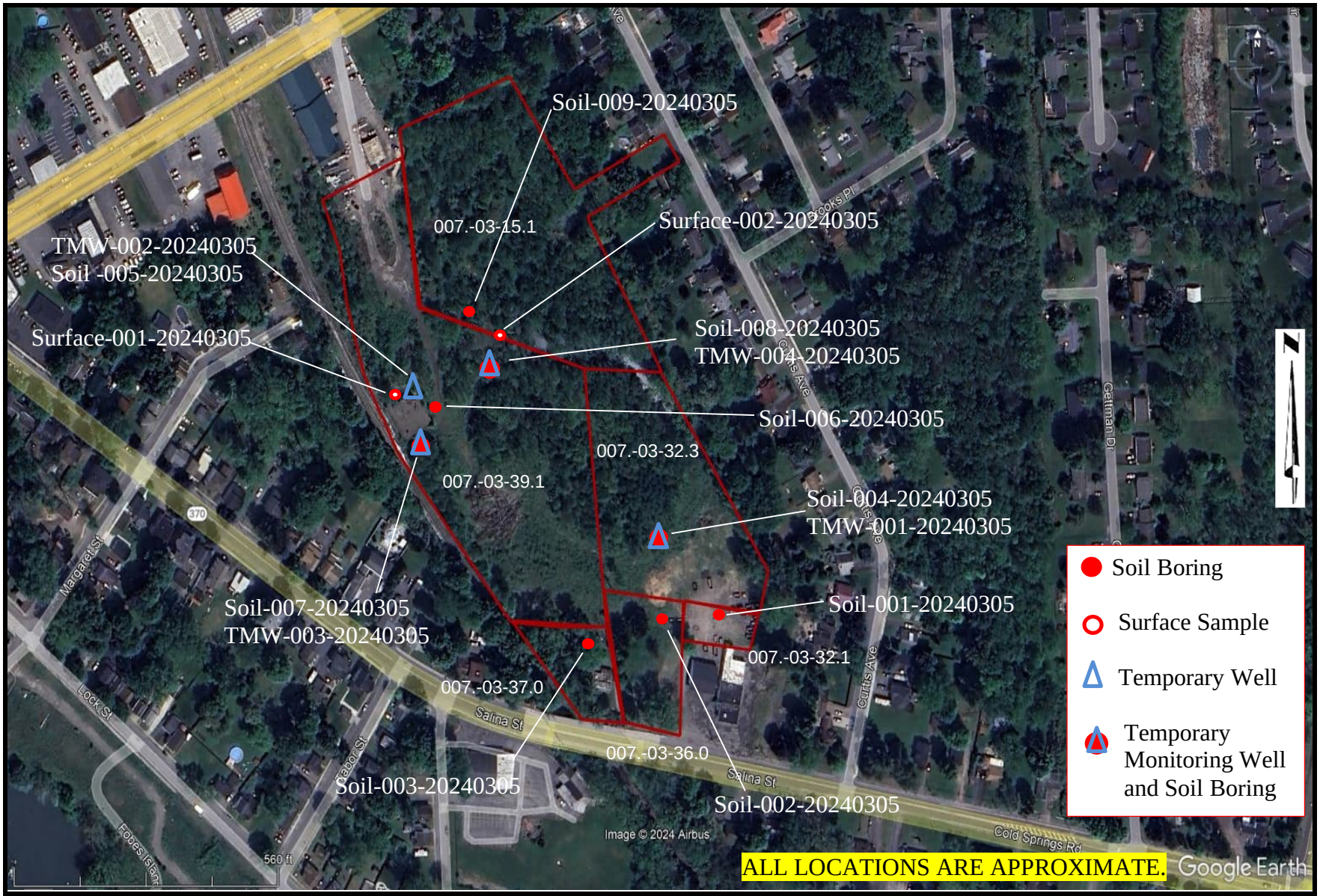
FIGURES

Figure 1 - Sample Location Map



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DATE: March 2024

FIGURE 1
SAMPLE LOCATION MAP
Baldwinsville Phase II
Onondaga County, New York

TABLES

Table 1 – Subsurface Soil and Surface Soil Analytical Results
Table 2 – Groundwater Analytical Results

Table 1. Soil Sample Results
Detections Only
Baldwinsville Phase II

LOCATION			SOIL-001-20240305		SOIL-002-20240305		SOIL-003-20240305		SOIL-004-20240305		SOIL-006-20240305		SOIL-007-20240305		SOIL-008-20240305		SOIL-009-20240305		SURF-001-20240305		SURF-002-20240305	
SAMPLING DATE			**3/5/2024**		**3/5/2024**		**3/5/2024**		**3/5/2024**		**3/5/2024**		**3/5/2024**		**3/5/2024**		**3/5/2024**		**3/5/2024**		**3/5/2024**	
SAMPLE TYPE			**SOIL**		**SOIL**		**SOIL**		**SOIL**		**SOIL**		**SOIL**		**SOIL**		**SOIL**		**SOIL**		**SOIL**	
SAMPLE DEPTH (ft.)			**9' - 10'**		**4' - 5'**		**8' - 10'**		**8' - 10'**		**3' - 5'**		**3' - 5'**		**3' - 5'**		**8' - 10'**		**6"**		**6"**	
	NY-UNRES	**Units**	**Results**		**Results**		**Results**		**Results**		**Results**		**Results**		**Results**		**Results**		**Results**		**Results**	
General Chemistry																						
Solids, Total		%	90.7		89.6		87.3		83		82.9		81.4		81.7		85.9		79.7		83.4	
Volatile Organics																						
Ethylbenzene	1	mg/kg	0.0011	U	0.00025	J	0.001	U	0.0012	U	0.0012	U	0.0011	U	0.0012	U	0.0011	U	-	-	-	-
Acetone	0.05	mg/kg	0.011	U	0.011	U	0.01	U	0.012	U	0.012	U	0.011	U	0.012	U	0.01	J	-	-	-	-
p/m-Xylene		mg/kg	0.0022	U	0.001	J	0.0021	U	0.0025	U	0.0025	U	0.0022	U	0.0025	U	0.0022	U	-	-	-	-
Semivolatile Organics																						
Benzo(a)anthracene	1	mg/kg	0.11	U	0.11	U	0.11	U	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U	0.042	J	0.12	U
Benzo(a)pyrene	1	mg/kg	0.14	U	0.15	U	0.15	U	0.16	U	0.16	U	0.16	U	0.16	U	0.15	U	0.05	J	0.16	U
Benzo(b)fluoranthene	1	mg/kg	0.11	U	0.11	U	0.11	U	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U	0.068	J	0.12	U
Benzo(ghi)perylene	100	mg/kg	0.14	U	0.15	U	0.15	U	0.16	U	0.16	U	0.16	U	0.16	U	0.15	U	0.045	J	0.16	U
Chrysene	1	mg/kg	0.11	U	0.11	U	0.11	U	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U	0.048	J	0.12	U
Fluoranthene	100	mg/kg	0.11	U	0.11	U	0.11	U	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U	0.087	J	0.12	U
Indeno(1,2,3-cd)pyrene	0.5	mg/kg	0.14	U	0.15	U	0.15	U	0.16	U	0.16	U	0.16	U	0.16	U	0.15	U	0.037	J	0.16	U
Phenanthrene	100	mg/kg	0.11	U	0.11	U	0.11	U	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U	0.048	J	0.12	U
Pyrene	100	mg/kg	0.11	U	0.11	U	0.11	U	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U	0.076	J	0.12	U
Total Metals																						
Arsenic, Total	13	mg/kg	2.03	J	1.6	J	1.86	J	1.9	J	2.53		1.89	J	3.18		3.25		4.22		5.03	
Barium, Total	350	mg/kg	10.8		18.7		7.14		9.59		14		7.42		25		37.5		34.8		43.5	
Chromium, Total		mg/kg	5.18		4.74		4.79		4.65		6.42		4.36		11.7		11.1		17.2		16.7	
Lead, Total	63	mg/kg	2.58	J	2.61	J	2.63	J	2.43	J	15.8		2.58	J	33.5		41.9		50.4		92.6	

Samples collected by CHA Consulting Inc. on March 5,2024 and analyzed by Alpha Analytical.
U - Not detected at the reported detection limit for the sample.
J - Samples detected at a low, estimated concentration.
New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

Table 2. Groundwater Analytical Results
Detections only
Baldwinsville Phase II

LOCATION			TMW-001-20240305		TMW-002-20240305		TMW-003-20240305		TMW-004-20240305	
SAMPLING DATE			3/5/2024		3/5/2024		3/5/2024		3/5/2024	
SAMPLE TYPE			WATER		WATER		WATER		WATER	
	NY-AWQS	Units	Results		Results		Results		Results	
Volatile Organics										
Acetone	50	ug/l	2	J	3.4	J	2.9	J	2.1	J
Benzene	1	ug/l	0.5	U	0.17	J	0.5	U	0.5	U
Tetrachloroethene	5	ug/l	0.5	U	1.1		0.5	U	0.5	U
Semivolatile Organics										
2-Methylnaphthalene		ug/l	0.1	U	0.1	U	0.67		0.1	U
Acenaphthylene		ug/l	0.1	U	0.1	U	0.28		0.1	U
Anthracene	50	ug/l	0.1	U	0.1	U	0.1	U	0.15	
Benzo(a)anthracene	0.002	ug/l	0.06	J	0.04	J	0.1	U	0.53	
Benzo(a)pyrene	0	ug/l	0.05	J	0.03	J	0.1	U	0.43	
Benzo(b)fluoranthene	0.002	ug/l	0.07	J	0.05	J	0.1	U	0.66	
Benzo(ghi)perylene		ug/l	0.1	U	0.1	U	0.1	U	0.26	
Benzo(k)fluoranthene	0.002	ug/l	0.03	J	0.02	J	0.1	U	0.23	
Chrysene	0.002	ug/l	0.06	J	0.04	J	0.1	U	0.62	
Dibenzo(a,h)anthracene		ug/l	0.1	U	0.1	U	0.1	U	0.06	J
Fluoranthene	50	ug/l	0.08	J	0.08	J	0.05	J	1.8	
Fluorene	50	ug/l	0.1	U	0.1	U	0.16		0.1	J
Indeno(1,2,3-cd)pyrene	0.002	ug/l	0.1	U	0.1	U	0.1	U	0.3	
Naphthalene	10	ug/l	0.1	U	0.1	U	12		0.1	U
Phenanthrene	50	ug/l	0.04	J	0.05	J	0.13		0.83	
Pyrene	50	ug/l	0.07	J	0.06	J	0.03	J	1.2	
Total Metals										
Arsenic, Total	25	ug/l	82.77		24.16		20.52		5.99	
Barium, Total	1000	ug/l	2115		1223		345.3		60.02	
Cadmium, Total	5	ug/l	2.16		2.13		0.69		0.13	J
Chromium, Total	50	ug/l	291.5		869		157.7		11.99	
Lead, Total	25	ug/l	365.9		229.3		69.3		9.98	
Mercury, Total	0.7	ug/l	0.53		1	U	1	U	0.2	U
Selenium, Total	10	ug/l	95.9		36.8		31.6		5.21	
Silver, Total	50	ug/l	0.33	J	0.62		0.4	U	0.4	U

Samples were collected by CHA Consulting, Inc. on March 5, 2024 and analyzyed by Alpha Analytical.
U - Not detected at the reported detection limit for the sample.
J - Samples detecte at a low estimated concentration.
New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum to criteria through June 2004.

Attachment A

Surface Soil Logs

CHA	Surficial Soil Sampling Log	Sample Designation: Surf-001-20240305
Project Name: Baldwinsville Phase II		Logged By: Andrew Hodgens
Project Location: Baldwinsville, NY		Date: 3-5-24
Project Number: 086821		

Sampling Information:

Sampling Method: Grab — Sampling Depth: 6 inches

Sampling Time: 14:30 — Sampling Type: Surface soil

Sample Analyses: SVOCs / RCRA8 / Total Solids — No. of Bottles: 3

Adjacent Land Use: % Woodland ____ %Wetland ____ % Farmland ____ % Comm/Ind. ✓ % Res. ✓

Soil Substrate: % Gravel ____ % Sand ____ % Silt/Clay ____ % Organic Material ____

Soil Color: brown — Moisture Content: Moist

Comments:

silty clay, trace F. sand, soft, moist

* North building side of former foundry building

CHA	Surficial Soil Sampling Log	Sample Designation: Surf-002-20240305
Project Name: Baldwinsville Phase II		Logged By: Andrew Hodgens
Project Location: Baldwinsville, NY		Date: 3-5-24
Project Number: 086821		

Sampling Information:

Sampling Method: Grab — Sampling Depth: 6 inches

Sampling Time: 1500 — Sampling Type: Surface soil

Sample Analyses: SVOCs / RCRA 8 / Total Solids — No. of Bottles: 3

Adjacent Land Use: % Woodland ____ %Wetland ____ % Farmland ____ % Comm/Ind. ✓ % Res. ✓

Soil Substrate: % Gravel ____ % Sand ____ % Silt/Clay ____ % Organic Material ____

Soil Color: brown — Moisture Content: moist

Comments:

Silty clay, trace F sand, trace M gravel, soft, moist

* West of Surface water

Attachment B

Soil Boring Logs

PROJECT NUMBER: 086821.000 3/12/2024

Baldwinsville Towne Center
SUBSURFACE LOG
HOLE NUMBER SB-01

LOCATION: Baldwinsville, New York
CLIENT: Baldwinsville Towne Center, LLC
CONTRACTOR: Nature's Way Contracting
DRILLER: Vince Sabin INSPECTOR: Andrew Hodgens
START DATE and TIME: 3/5/2024 9:20:00 AM
FINISH DATE and TIME: 3/5/2024 9:33:00 AM
SURFACE ELEV: CHECKED BY: K. Ehmann

DRILL FLUID: None DRILLING RIG: Geoprobe 6610DT

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								Crushed Stone **(FILL)**			
								Silty CLAY, little f. sand, brown, medium stiff, moist **(CL)**			
S1	5	3.1	0			2					
						4		becomes soft			
S2	5	3.5	0			6					
						8				Soil sample SB-1 collected from 9 to 10 ft bgs.	
						10		becomes very soft and wet			
S3	5	2.9	0			12					
						14					
						16		**Silty CLAY**, little f. sand, orange, medium stiff, wet **(CL)**			
S4	5	3.2	0			18					

End of Boring at 20 ft

PROJECT NUMBER: 086821.000 3/12/2024

Baldwinsville Towne Center
SUBSURFACE LOG
HOLE NUMBER SB-02

LOCATION: Baldwinsville, New York
CLIENT: Baldwinsville Towne Center, LLC
CONTRACTOR: Nature's Way Contracting
DRILLER: Vince Sabin INSPECTOR: Andrew Hodgens
START DATE and TIME: 3/5/2024 9:42:00 AM
FINISH DATE and TIME: 3/5/2024 9:51:00 AM
SURFACE ELEV: CHECKED BY: K. Ehmann

DRILL FLUID: None DRILLING RIG: Geoprobe 6610DT

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S1	5	3.1	0			2		**f. SAND**, brown, loose, dry **(SP)**		Soil sample SB-02 collected from 2 to 5 ft bgs.	
						4					
						6		becomes medium compact and wet			
S2	5	2.6	0			8					
						10		**Silty CLAY**, little f. sand, brown, medium stiff, wet **(CL)**			
S3	5	3	0			12					
						14					
						16		**f.m. SAND**, brown, loose, wet **(SP)**			
S4	5	3.8	0			18		**Silty CLAY**, red, stiff, moist **(CL)**			

End of Boring at 20 ft

PROJECT NUMBER: 086821.000 3/12/2024

Baldwinsville Towne Center
SUBSURFACE LOG
HOLE NUMBER SB-03

LOCATION: Baldwinsville, New York
CLIENT: Baldwinsville Towne Center, LLC
CONTRACTOR: Nature's Way Contracting
DRILLER: Vince Sabin INSPECTOR: Andrew Hodgens
START DATE and TIME: 3/5/2024 10:10:00 AM
FINISH DATE and TIME: 3/5/2024 10:21:00 AM
SURFACE ELEV: CHECKED BY: K. Ehmann

DRILL FLUID: None DRILLING RIG: Geoprobe 6610DT

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
						0		Crushed Stone **(FILL)**			
								Silty CLAY, little f. sand, brown, medium stiff, moist **(CL)**			
S1	5	2.4	0			2					
								f. SAND, brown, medium compact, moist **(SP)**			
						4					
						6					
S2	5	2.9	0			8				Soil sample SB-03 collected from 8 to 10 ft bgs.	
						10					
						12		**Silty CLAY**, little f. sand, brown, wet, soft **(CL)**			
S3	5	3.4	0			14		**f. SAND**, brown, loose, wet **(SP)**			
						16		**Silty CLAY**, red, stiff, moist **(CL)**			
S4	5	2.7	0			18					

End of Boring at 20 ft

PROJECT NUMBER: 086821.000 3/12/2024

Baldwinsville Towne Center
SUBSURFACE LOG
HOLE NUMBER SB-04

LOCATION: Baldwinsville, New York
CLIENT: Baldwinsville Towne Center, LLC
CONTRACTOR: Nature's Way Contracting
DRILLER: Vince Sabin INSPECTOR: Andrew Hodgens
START DATE and TIME: 3/5/2024 10:40:00 AM
FINISH DATE and TIME: 3/5/2024 11:07:00 AM
SURFACE ELEV: CHECKED BY: K. Ehmann

DRILL FLUID: None DRILLING RIG: Geoprobe 6610DT

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
						0		**Silty CLAY**, little f. gravel, dark brown **(CL)** / **f. SAND**, brown, loose, moist **(SP)**			
S1	5	3.2	0			2					
						4		becomes medium compact			
						6					
S2	5	2.4	0			8		**SILT AND F. SAND**, brown, loose, wet **(ML)**		Soil sample SB-4 collected from 8 to 10 ft bgs.	
						10		No Recovery.			
S3	5	0.9	0			12					
						14					
						16				Macrocore liner unrecoverable and unable to retrieve sample.	
S4	5	0	0			18				Temporary monitoring well installed with screen interval 15 to 20 ft bgs.	

End of Boring at 20 ft

PROJECT NUMBER: 086821.000 3/12/2024

Baldwinsville Towne Center
SUBSURFACE LOG
HOLE NUMBER SB-05

LOCATION: Baldwinsville, New York
CLIENT: Baldwinsville Towne Center, LLC
CONTRACTOR: Nature's Way Contracting
DRILLER: Vince Sabin INSPECTOR: Andrew Hodgens
START DATE and TIME: 3/5/2024 11:55:00 AM
FINISH DATE and TIME: 3/5/2024 12:13:00 PM
SURFACE ELEV: CHECKED BY: K. Ehmann

DRILL FLUID: None DRILLING RIG: Geoprobe 6610DT

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
						0		**Silty CLAY**, little f. sand, brown, medium stiff, moist **(CL)**			
S1	5	3.2	0			2		**f. SAND**, little silt, brown, medium stiff, wet **(SM)**			
						4					
						6					
S2	5	2.8	0			8				Soil sample SB-4 collected from 8 to 10 ft bgs.	
						10					
						12		**Silty CLAY**, brown, soft, wet **(CL)**			
S3	5	3.4	0					becomes red and stiff			
						14					
								Silty CLAY, Some f.c. gravel, red, soft, wet **(CL)**			
						16					
S4	5	3.8	0			18					

End of Boring at 20 ft

PROJECT NUMBER: 086821.000 3/12/2024

Baldwinsville Towne Center
SUBSURFACE LOG
HOLE NUMBER SB-06

LOCATION: Baldwinsville, New York
CLIENT: Baldwinsville Towne Center, LLC
CONTRACTOR: Nature's Way Contracting
DRILLER: Vince Sabin INSPECTOR: Andrew Hodgens
START DATE and TIME: 3/5/2024 12:17:00 PM
FINISH DATE and TIME: 3/5/2024 12:27:00 PM
SURFACE ELEV: CHECKED BY: K. Ehmann

DRILL FLUID: None DRILLING RIG: Geoprobe 6610DT

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								Silty CLAY, little f.c. gravel, dark brown **(CL)**			
								f. SAND, little silt, brown, medium compact, moist **(SM)**			
S1	5	3	0			2				Soil sample SB-6 collected from 3 to 5 ft bgs.	
						4		becomes loose and saturated			
S2	5	2	0			6					
						8					
						10					
S3	5	3.8	0			12					
						14					
						16					
S4	5	3.7	0			18					

End of Boring at 20 ft

PROJECT NUMBER: 086821.000 3/12/2024

Baldwinsville Towne Center
SUBSURFACE LOG
HOLE NUMBER SB-07

LOCATION: Baldwinsville, New York
CLIENT: Baldwinsville Towne Center, LLC
CONTRACTOR: Nature's Way Contracting
DRILLER: Vince Sabin INSPECTOR: Andrew Hodgens
START DATE and TIME: 3/5/2024 12:36:00 PM
FINISH DATE and TIME: 3/5/2024 12:42:00 PM
SURFACE ELEV: CHECKED BY: K. Ehmann

DRILL FLUID: None DRILLING RIG: Geoprobe 6610DT

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								Silty CLAY, Some f.c. Gravel, brown, medium stiff, moist **(CL)**			
								f. SAND, little silt, medium compact, wet **(SM)**			
S1	5	2.6	0			2				Soil sample SB-7 collected from 3 to 5 ft bgs.	
						4					
								becomes loose and saturated			
						6					
S2	5	2.7	0			8					
						10					
						12					
S3	5	3.4	0					**f. SAND**, little silt, compact, moist **(SM)**			
						14		**f.m. SAND**, little silt, brown, loose, saturated **(SM)**			
						16				Temporary monitoring well installed with screen set from 10 to 20 ft bgs.	
S4	5	4.6	0			18					
								f.c. GRAVEL, little silt, orange, medium compact, saturated **(GP)**			

End of Boring at 20 ft

PROJECT NUMBER: 086821.000 3/12/2024

Baldwinsville Towne Center
SUBSURFACE LOG
HOLE NUMBER SB-08

LOCATION: Baldwinsville, New York
CLIENT: Baldwinsville Towne Center, LLC
CONTRACTOR: Nature's Way Contracting
DRILLER: Vince Sabin INSPECTOR: Andrew Hodgens
START DATE and TIME: 3/5/2024 1:12:00 PM
FINISH DATE and TIME: 3/5/2024 1:26:00 PM
SURFACE ELEV: CHECKED BY: K. Ehmann

DRILL FLUID: None DRILLING RIG: Geoprobe 6610DT

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								Silty CLAY, brown, medium stiff, moist **(CL)**			
								f. SAND, trace silt, brown, medium compact, moist **(SM)**			
S1	5	2.6	0			2				Soil sample SB-8 collected from 3 to 5 ft bgs.	
						4					
								becomes wet			
						6					
S2	5	2.3	0			8					
						10					
						12					
S3	5	4	0			14					
								becomes loose and saturated		Temporary monitoring well installed and screen set from 10 to 20 ft bgs.	
						16		**Silty CLAY**, little f. gravel, red, medium stiff, wet **(CL)**			
S4	5	2.9	0			18					

End of Boring at 20 ft

PROJECT NUMBER: 086821.000 3/12/2024

Baldwinsville Towne Center
SUBSURFACE LOG
HOLE NUMBER SB-09

LOCATION: Baldwinsville, New York
CLIENT: Baldwinsville Towne Center, LLC
CONTRACTOR: Nature's Way Contracting
DRILLER: Vince Sabin INSPECTOR: Andrew Hodgens
START DATE and TIME: 3/5/2024 1:31:00 PM
FINISH DATE and TIME: 3/5/2024 1:50:00 PM
SURFACE ELEV: CHECKED BY: K. Ehmann

DRILL FLUID: None DRILLING RIG: Geoprobe 6610DT

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
						0		Crushed brick and cinders, gravel **(FILL)**			
								Silty CLAY, dark grey, medium stiff, moist **(CL)**			
S1	5	1.2	0			2					
						4					
						6					
								Silty CLAY, red, medium stiff, moist **(CL)**			
S2	5	3	0					**Silty CLAY**, trace f. sand, grey, medium stiff, moist **(CL)**		Soil sample SB-9 collected from 8 to 10 ft bgs.	
						8					
						10					
						12					
S3	5	3.5	0					**Silty CLAY**, Some f. Gravel, red, stiff, moist **(CL)**			
						14					
						16					
S4	5	2.2	0			18					

End of Boring at 20 ft

Attachment C

Laboratory Report

ANALYTICAL REPORT

Lab Number:	L2411917
Client:	CHA Companies One Park Place 300 South State St., Suite 600 Syracuse, NY 13202
ATTN:	Samantha Miller
Phone:	(315) 471-3920
Project Name:	BALDWINSVILLE PHASE II
Project Number:	086821
Report Date:	03/13/24

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: BALDWINSVILLE PHASE II
Project Number: 086821

Lab Number: L2411917
Report Date: 03/13/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2411917-01	SOIL-001-20240305	SOIL	BALDWINSVILLE, NY	03/05/24 09:35	03/05/24
L2411917-02	SOIL-002-20240305	SOIL	BALDWINSVILLE, NY	03/05/24 09:55	03/05/24
L2411917-03	SOIL-003-20240305	SOIL	BALDWINSVILLE, NY	03/05/24 10:25	03/05/24
L2411917-04	SOIL-004-20240305	SOIL	BALDWINSVILLE, NY	03/05/24 11:10	03/05/24
L2411917-05	SOIL-006-20240305	SOIL	BALDWINSVILLE, NY	03/05/24 12:30	03/05/24
L2411917-06	SOIL-007-20240305	SOIL	BALDWINSVILLE, NY	03/05/24 12:45	03/05/24
L2411917-07	SOIL-008-20240305	SOIL	BALDWINSVILLE, NY	03/05/24 13:25	03/05/24
L2411917-08	SOIL-009-20240305	SOIL	BALDWINSVILLE, NY	03/05/24 13:55	03/05/24
L2411917-09	SURF-001-20240305	SOIL	BALDWINSVILLE, NY	03/05/24 14:30	03/05/24
L2411917-10	SURF-002-20240305	SOIL	BALDWINSVILLE, NY	03/05/24 15:00	03/05/24
L2411917-11	TMW-001-20240305	WATER	BALDWINSVILLE, NY	03/05/24 15:20	03/05/24
L2411917-12	TMW-002-20240305	WATER	BALDWINSVILLE, NY	03/05/24 15:40	03/05/24
L2411917-13	TMW-003-20240305	WATER	BALDWINSVILLE, NY	03/05/24 16:05	03/05/24
L2411917-14	TMW-004-20240305	WATER	BALDWINSVILLE, NY	03/05/24 16:30	03/05/24
L2411917-15	TRIP BLANK	WATER	BALDWINSVILLE, NY	03/05/24 16:30	03/05/24

Project Name:	BALDWINSVILLE PHASE II	**Lab Number:**	L2411917
Project Number:	086821	**Report Date:**	03/13/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	BALDWINSVILLE PHASE II	**Lab Number:**	L2411917
Project Number:	086821	**Report Date:**	03/13/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2411917-11: The sample was received above the appropriate pH for the Total Metals analysis. The laboratory added additional HNO3 to a pH <2.

L2411917-15: A sample identified as "TRIP BLANK" was received, but not listed on the Chain of Custody. At the client's request, this sample was analyzed.

Volatile Organics

Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

L2411917-12 and -14: The pH was greater than two; however, the sample was analyzed within the method required holding time.

Semivolatile Organics by SIM

The WG1894110-1 Method Blank, associated with L2411917-11 through -14, has a concentration above the reporting limit for naphthalene. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

Total Metals

L2411917-01 through -10: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

L2411917-11: The sample has elevated detection limits for all elements, with the exception of mercury, due to the prep dilution required by the sample matrix.

Project Name:	BALDWINSVILLE PHASE II	**Lab Number:**	L2411917
Project Number:	086821	**Report Date:**	03/13/24

Case Narrative (continued)

L2411917-12 and -13: The sample has an elevated detection limit for mercury due to the prep dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 03/13/24

ORGANICS

VOLATILES

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-01
Client ID: SOIL-001-20240305
Sample Location: BALDWINSVILLE, NY

Date Collected: 03/05/24 09:35
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/10/24 18:11
Analyst: AJK
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.77	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.18	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.18	1
Benzene	ND		ug/kg	0.56	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-01 Date Collected: 03/05/24 09:35

Client ID: SOIL-001-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
Methyl Acetate	ND		ug/kg	4.4	1.0	1
Cyclohexane	ND		ug/kg	11	0.60	1
1,4-Dioxane	ND		ug/kg	89	39.	1
Freon-113	ND		ug/kg	4.4	0.77	1
Methyl cyclohexane	ND		ug/kg	4.4	0.67	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	106		70-130

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-02
Client ID: SOIL-002-20240305
Sample Location: BALDWINSVILLE, NY

Date Collected: 03/05/24 09:55
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/10/24 18:34
Analyst: AJK
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.55	0.22	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.77	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	0.25	J	ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-02 Date Collected: 03/05/24 09:55

Client ID: SOIL-002-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	1.0	J	ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
Methyl Acetate	ND		ug/kg	4.4	1.0	1
Cyclohexane	ND		ug/kg	11	0.60	1
1,4-Dioxane	ND		ug/kg	88	39.	1
Freon-113	ND		ug/kg	4.4	0.76	1
Methyl cyclohexane	ND		ug/kg	4.4	0.66	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	97		70-130

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-03
Client ID: SOIL-003-20240305
Sample Location: BALDWINSVILLE, NY

Date Collected: 03/05/24 10:25
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/10/24 18:57
Analyst: AJK
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.73	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.18	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.57	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.98	1
Bromomethane	ND		ug/kg	2.1	0.61	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-03 Date Collected: 03/05/24 10:25

Client ID: SOIL-003-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.59	1
o-Xylene	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.96	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.8	1
2-Butanone	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
Methyl Acetate	ND		ug/kg	4.2	1.0	1
Cyclohexane	ND		ug/kg	10	0.57	1
1,4-Dioxane	ND		ug/kg	84	37.	1
Freon-113	ND		ug/kg	4.2	0.73	1
Methyl cyclohexane	ND		ug/kg	4.2	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	105		70-130

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-04
Client ID: SOIL-004-20240305
Sample Location: BALDWINSVILLE, NY

Date Collected: 03/05/24 11:10
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/10/24 19:21
Analyst: AJK
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.9	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.16	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.87	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	0.21	1
Bromodichloromethane	ND		ug/kg	0.62	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	0.20	1
Bromoform	ND		ug/kg	5.0	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	0.21	1
Benzene	ND		ug/kg	0.62	0.21	1
Toluene	ND		ug/kg	1.2	0.68	1
Ethylbenzene	ND		ug/kg	1.2	0.18	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.72	1
Vinyl chloride	ND		ug/kg	1.2	0.42	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1
Trichloroethene	ND		ug/kg	0.62	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-04 Date Collected: 03/05/24 11:10

Client ID: SOIL-004-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.70	1
o-Xylene	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	6.0	1
Carbon disulfide	ND		ug/kg	12	5.7	1
2-Butanone	ND		ug/kg	12	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
2-Hexanone	ND		ug/kg	12	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.35	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
Methyl Acetate	ND		ug/kg	5.0	1.2	1
Cyclohexane	ND		ug/kg	12	0.68	1
1,4-Dioxane	ND		ug/kg	100	44.	1
Freon-113	ND		ug/kg	5.0	0.86	1
Methyl cyclohexane	ND		ug/kg	5.0	0.75	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	108		70-130

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-05
Client ID: SOIL-006-20240305
Sample Location: BALDWINSVILLE, NY

Date Collected: 03/05/24 12:30
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/10/24 19:44
Analyst: AJK
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.9	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.16	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.86	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	0.21	1
Bromodichloromethane	ND		ug/kg	0.62	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	0.20	1
Bromoform	ND		ug/kg	5.0	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	0.21	1
Benzene	ND		ug/kg	0.62	0.21	1
Toluene	ND		ug/kg	1.2	0.67	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.72	1
Vinyl chloride	ND		ug/kg	1.2	0.42	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1
Trichloroethene	ND		ug/kg	0.62	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-05 Date Collected: 03/05/24 12:30

Client ID: SOIL-006-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.69	1
o-Xylene	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	6.0	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
2-Hexanone	ND		ug/kg	12	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.35	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
Methyl Acetate	ND		ug/kg	5.0	1.2	1
Cyclohexane	ND		ug/kg	12	0.68	1
1,4-Dioxane	ND		ug/kg	99	44.	1
Freon-113	ND		ug/kg	5.0	0.86	1
Methyl cyclohexane	ND		ug/kg	5.0	0.75	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	108		70-130

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-06
Client ID: SOIL-007-20240305
Sample Location: BALDWINSVILLE, NY

Date Collected: 03/05/24 12:45
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/10/24 20:07
Analyst: AJK
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.55	0.22	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-06 Date Collected: 03/05/24 12:45

Client ID: SOIL-007-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
Methyl Acetate	ND		ug/kg	4.4	1.0	1
Cyclohexane	ND		ug/kg	11	0.60	1
1,4-Dioxane	ND		ug/kg	88	38.	1
Freon-113	ND		ug/kg	4.4	0.76	1
Methyl cyclohexane	ND		ug/kg	4.4	0.66	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	108		70-130

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-07
Client ID: SOIL-008-20240305
Sample Location: BALDWINSVILLE, NY

Date Collected: 03/05/24 13:25
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/10/24 20:30
Analyst: AJK
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.9	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.16	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.86	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	0.21	1
Bromodichloromethane	ND		ug/kg	0.62	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	0.20	1
Bromoform	ND		ug/kg	5.0	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	0.21	1
Benzene	ND		ug/kg	0.62	0.21	1
Toluene	ND		ug/kg	1.2	0.68	1
Ethylbenzene	ND		ug/kg	1.2	0.18	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.72	1
Vinyl chloride	ND		ug/kg	1.2	0.42	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1
Trichloroethene	ND		ug/kg	0.62	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-07 Date Collected: 03/05/24 13:25

Client ID: SOIL-008-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.70	1
o-Xylene	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	6.0	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
2-Hexanone	ND		ug/kg	12	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.35	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
Methyl Acetate	ND		ug/kg	5.0	1.2	1
Cyclohexane	ND		ug/kg	12	0.68	1
1,4-Dioxane	ND		ug/kg	100	44.	1
Freon-113	ND		ug/kg	5.0	0.86	1
Methyl cyclohexane	ND		ug/kg	5.0	0.75	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	107		70-130

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-08 Date Collected: 03/05/24 13:55
Client ID: SOIL-009-20240305 Date Received: 03/05/24
Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/10/24 20:54
Analyst: AJK
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.55	0.22	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-08 Date Collected: 03/05/24 13:55

Client ID: SOIL-009-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	10	J	ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
Methyl Acetate	ND		ug/kg	4.4	1.0	1
Cyclohexane	ND		ug/kg	11	0.60	1
1,4-Dioxane	ND		ug/kg	88	38.	1
Freon-113	ND		ug/kg	4.4	0.76	1
Methyl cyclohexane	ND		ug/kg	4.4	0.66	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	108		70-130

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-11
Client ID: TMW-001-20240305
Sample Location: BALDWINSVILLE, NY

Date Collected: 03/05/24 15:20
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/07/24 02:22
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-11 Date Collected: 03/05/24 15:20

Client ID: TMW-001-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.0	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	99		70-130

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-12 Date Collected: 03/05/24 15:40
Client ID: TMW-002-20240305 Date Received: 03/05/24
Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/07/24 02:48
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	1.1		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.17	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-12 Date Collected: 03/05/24 15:40

Client ID: TMW-002-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.4	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	100		70-130

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-13
Client ID: TMW-003-20240305
Sample Location: BALDWINSVILLE, NY

Date Collected: 03/05/24 16:05
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/07/24 03:14
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-13 Date Collected: 03/05/24 16:05

Client ID: TMW-003-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.9	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	101		70-130

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-14
Client ID: TMW-004-20240305
Sample Location: BALDWINSVILLE, NY

Date Collected: 03/05/24 16:30
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/07/24 03:41
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-14 Date Collected: 03/05/24 16:30

Client ID: TMW-004-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.1	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	102		70-130

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-15
Client ID: TRIP BLANK
Sample Location: BALDWINSVILLE, NY

Date Collected: 03/05/24 16:30
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/07/24 04:07
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-15 Date Collected: 03/05/24 16:30

Client ID: TRIP BLANK Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	102		70-130

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/06/24 21:10
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 11-15 Batch: WG1893526-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/06/24 21:10
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 11-15 Batch: WG1893526-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/06/24 21:10
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 11-15 Batch: WG1893526-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	106		70-130

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/10/24 16:14
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1894721-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.20	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/10/24 16:14
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1894721-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/10/24 16:14
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1894721-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	110		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BALDWINSVILLE PHASE II

Project Number: 086821

Lab Number: L2411917

Report Date: 03/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-15 Batch: WG1893526-3 WG1893526-4								
Methylene chloride	96		94		70-130	2		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	110		100		70-130	10		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	97		95		70-130	2		20
Dibromochloromethane	100		100		63-130	0		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	99		98		75-130	1		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	110		100		70-130	10		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	110		100		67-130	10		20
trans-1,3-Dichloropropene	99		100		70-130	1		20
cis-1,3-Dichloropropene	99		98		70-130	1		20
Bromoform	97		99		54-136	2		20
1,1,2,2-Tetrachloroethane	97		98		67-130	1		20
Benzene	100		100		70-130	0		20
Toluene	96		97		70-130	1		20
Ethylbenzene	99		100		70-130	1		20
Chloromethane	88		90		64-130	2		20
Bromomethane	82		92		39-139	11		20
Vinyl chloride	97		98		55-140	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: BALDWINSVILLE PHASE II

Project Number: 086821

Lab Number: L2411917

Report Date: 03/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-15 Batch: WG1893526-3 WG1893526-4								
Chloroethane	100		100		55-138	0		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	95		97		70-130	2		20
1,3-Dichlorobenzene	98		97		70-130	1		20
1,4-Dichlorobenzene	94		95		70-130	1		20
Methyl tert butyl ether	100		100		63-130	0		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	105		100		70-130	5		20
Dichlorodifluoromethane	100		100		36-147	0		20
Acetone	110		100		58-148	10		20
Carbon disulfide	99		99		51-130	0		20
2-Butanone	100		98		63-138	2		20
4-Methyl-2-pentanone	88		93		59-130	6		20
2-Hexanone	80		89		57-130	11		20
Bromochloromethane	110		100		70-130	10		20
1,2-Dibromoethane	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	90		96		41-144	6		20
Isopropylbenzene	95		95		70-130	0		20
1,2,3-Trichlorobenzene	94		100		70-130	6		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: BALDWINSVILLE PHASE II

Project Number: 086821

Lab Number: L2411917

Report Date: 03/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-15 Batch: WG1893526-3 WG1893526-4								
1,2,4-Trichlorobenzene	94		98		70-130	4		20
Methyl Acetate	98		98		70-130	0		20
Cyclohexane	100		100		70-130	0		20
1,4-Dioxane	136		132		56-162	3		20
Freon-113	110		110		70-130	0		20
Methyl cyclohexane	100		100		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		107		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	97		94		70-130
Dibromofluoromethane	106		104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BALDWINSVILLE PHASE II

Project Number: 086821

Lab Number: L2411917

Report Date: 03/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1894721-3 WG1894721-4								
Methylene chloride	90		89		70-130	1		30
1,1-Dichloroethane	109		106		70-130	3		30
Chloroform	111		109		70-130	2		30
Carbon tetrachloride	114		112		70-130	2		30
1,2-Dichloropropane	107		107		70-130	0		30
Dibromochloromethane	113		114		70-130	1		30
1,1,2-Trichloroethane	103		104		70-130	1		30
Tetrachloroethene	111		104		70-130	7		30
Chlorobenzene	98		95		70-130	3		30
Trichlorofluoromethane	88		84		70-139	5		30
1,2-Dichloroethane	111		112		70-130	1		30
1,1,1-Trichloroethane	118		114		70-130	3		30
Bromodichloromethane	113		114		70-130	1		30
trans-1,3-Dichloropropene	110		111		70-130	1		30
cis-1,3-Dichloropropene	113		114		70-130	1		30
Bromoform	104		108		70-130	4		30
1,1,2,2-Tetrachloroethane	99		105		70-130	6		30
Benzene	106		103		70-130	3		30
Toluene	100		96		70-130	4		30
Ethylbenzene	100		97		70-130	3		30
Chloromethane	114		112		52-130	2		30
Bromomethane	67		66		57-147	2		30
Vinyl chloride	87		88		67-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BALDWINSVILLE PHASE II

Project Number: 086821

Lab Number: L2411917

Report Date: 03/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1894721-3 WG1894721-4								
Chloroethane	71		74		50-151	4		30
1,1-Dichloroethene	84		82		65-135	2		30
trans-1,2-Dichloroethene	106		104		70-130	2		30
Trichloroethene	109		107		70-130	2		30
1,2-Dichlorobenzene	99		96		70-130	3		30
1,3-Dichlorobenzene	98		95		70-130	3		30
1,4-Dichlorobenzene	98		94		70-130	4		30
Methyl tert butyl ether	99		107		66-130	8		30
p/m-Xylene	96		94		70-130	2		30
o-Xylene	94		92		70-130	2		30
cis-1,2-Dichloroethene	104		102		70-130	2		30
Styrene	98		96		70-130	2		30
Dichlorodifluoromethane	107		106		30-146	1		30
Acetone	73		84		54-140	14		30
Carbon disulfide	80		79		59-130	1		30
2-Butanone	72		**153**	Q	70-130	**72**	Q	30
4-Methyl-2-pentanone	78		93		70-130	18		30
2-Hexanone	73		89		70-130	20		30
Bromochloromethane	99		99		70-130	0		30
1,2-Dibromoethane	103		106		70-130	3		30
1,2-Dibromo-3-chloropropane	83		95		68-130	13		30
Isopropylbenzene	100		96		70-130	4		30
1,2,3-Trichlorobenzene	108		105		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BALDWINSVILLE PHASE II

Project Number: 086821

Lab Number: L2411917

Report Date: 03/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1894721-3 WG1894721-4								
1,2,4-Trichlorobenzene	109		104		70-130	5		30
Methyl Acetate	84		95		51-146	12		30
Cyclohexane	99		97		59-142	2		30
1,4-Dioxane	73		86		65-136	16		30
Freon-113	84		83		50-139	1		30
Methyl cyclohexane	98		94		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		114		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	107		109		70-130
Dibromofluoromethane	104		106		70-130

SEMIVOLATILES

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-01
Client ID: SOIL-001-20240305
Sample Location: BALDWINSVILLE, NY

Date Collected: 03/05/24 09:35
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/12/24 03:13
Analyst: LJG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 03/08/24 07:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-01 Date Collected: 03/05/24 09:35

Client ID: SOIL-001-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	ND		ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	62.	1
Benzaldehyde	ND		ug/kg	240	48.	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-01 Date Collected: 03/05/24 09:35

Client ID: SOIL-001-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	54.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	66		18-120

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-02
Client ID: SOIL-002-20240305
Sample Location: BALDWINSVILLE, NY

Date Collected: 03/05/24 09:55
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/12/24 03:38
Analyst: LJG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 03/08/24 07:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-02 Date Collected: 03/05/24 09:55

Client ID: SOIL-002-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	69.	1
4-Nitrophenol	ND		ug/kg	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	49.	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-02 Date Collected: 03/05/24 09:55

Client ID: SOIL-002-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	70		18-120

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-03
Client ID: SOIL-003-20240305
Sample Location: BALDWINSVILLE, NY

Date Collected: 03/05/24 10:25
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/12/24 02:49
Analyst: LJG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 03/08/24 07:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-03 Date Collected: 03/05/24 10:25

Client ID: SOIL-003-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-03 Date Collected: 03/05/24 10:25

Client ID: SOIL-003-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		25-120
Phenol-d6	56		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	57		30-120
2,4,6-Tribromophenol	56		10-136
4-Terphenyl-d14	58		18-120

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-04
Client ID: SOIL-004-20240305
Sample Location: BALDWINSVILLE, NY

Date Collected: 03/05/24 11:10
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/12/24 01:26
Analyst: SZ
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 03/08/24 07:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-04 Date Collected: 03/05/24 11:10

Client ID: SOIL-004-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-04 Date Collected: 03/05/24 11:10

Client ID: SOIL-004-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		25-120
Phenol-d6	53		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	58		10-136
4-Terphenyl-d14	54		18-120

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-05
Client ID: SOIL-006-20240305
Sample Location: BALDWINSVILLE, NY

Date Collected: 03/05/24 12:30
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/12/24 00:41
Analyst: SZ
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 03/08/24 07:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-05 Date Collected: 03/05/24 12:30

Client ID: SOIL-006-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	70.	1
Benzaldehyde	ND		ug/kg	260	54.	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-05 Date Collected: 03/05/24 12:30

Client ID: SOIL-006-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	61.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		25-120
Phenol-d6	52		10-120
Nitrobenzene-d5	49		23-120
2-Fluorobiphenyl	57		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	57		18-120

Project Name: BALDWINSVILLE PHASE II
Project Number: 086821
Lab Number: L2411917
Report Date: 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-06
Client ID: SOIL-007-20240305
Sample Location: BALDWINSVILLE, NY

Date Collected: 03/05/24 12:45
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/12/24 01:49
Analyst: SZ
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 03/08/24 07:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-06 Date Collected: 03/05/24 12:45

Client ID: SOIL-007-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	970	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	97.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Carbazole	ND		ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	71.	1
Benzaldehyde	ND		ug/kg	270	54.	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-06 Date Collected: 03/05/24 12:45

Client ID: SOIL-007-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	61.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	41.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		25-120
Phenol-d6	57		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	60		18-120

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-07
Client ID: SOIL-008-20240305
Sample Location: BALDWINSVILLE, NY

Date Collected: 03/05/24 13:25
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/12/24 02:12
Analyst: SZ
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 03/08/24 07:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-07 Date Collected: 03/05/24 13:25

Client ID: SOIL-008-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	970	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	97.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Carbazole	ND		ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	71.	1
Benzaldehyde	ND		ug/kg	270	54.	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-07 Date Collected: 03/05/24 13:25

Client ID: SOIL-008-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	61.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	41.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	64		18-120

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-08
Client ID: SOIL-009-20240305
Sample Location: BALDWINSVILLE, NY

Date Collected: 03/05/24 13:55
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/12/24 01:04
Analyst: SZ
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 03/08/24 07:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-08 Date Collected: 03/05/24 13:55

Client ID: SOIL-009-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-08 Date Collected: 03/05/24 13:55

Client ID: SOIL-009-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		25-120
Phenol-d6	56		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	58		18-120

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-09
Client ID: SURF-001-20240305
Sample Location: BALDWINSVILLE, NY

Date Collected: 03/05/24 14:30
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/12/24 03:43
Analyst: SZ
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 03/08/24 07:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	87	J	ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	42	J	ug/kg	120	23.	1
Benzo(a)pyrene	50	J	ug/kg	160	50.	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-09 Date Collected: 03/05/24 14:30

Client ID: SURF-001-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	68	J	ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	48	J	ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	45	J	ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	48	J	ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	37	J	ug/kg	160	28.	1
Pyrene	76	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	980	95.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Carbazole	ND		ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	71.	1
Benzaldehyde	ND		ug/kg	270	55.	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-09 Date Collected: 03/05/24 14:30

Client ID: SURF-001-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	62.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	41.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	51		18-120

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-10
Client ID: SURF-002-20240305
Sample Location: BALDWINSVILLE, NY

Date Collected: 03/05/24 15:00
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/12/24 06:22
Analyst: SZ
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 03/08/24 07:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-10 Date Collected: 03/05/24 15:00

Client ID: SURF-002-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-10 Date Collected: 03/05/24 15:00

Client ID: SURF-002-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	48		18-120

Project Name: BALDWINSVILLE PHASE II
Project Number: 086821
Lab Number: L2411917
Report Date: 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-11
Client ID: TMW-001-20240305
Sample Location: BALDWINSVILLE, NY

Date Collected: 03/05/24 15:20
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 03/09/24 21:29
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 03/09/24 00:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-11 Date Collected: 03/05/24 15:20

Client ID: TMW-001-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	79		41-149

Project Name: BALDWINSVILLE PHASE II
Project Number: 086821
Lab Number: L2411917
Report Date: 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-11
Client ID: TMW-001-20240305
Sample Location: BALDWINSVILLE, NY

Date Collected: 03/05/24 15:20
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 03/10/24 13:24
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 03/09/24 00:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.08	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.06	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.05	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.07	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.03	J	ug/l	0.10	0.01	1
Chrysene	0.06	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.04	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.07	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-11 Date Collected: 03/05/24 15:20

Client ID: TMW-001-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	79		41-149

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-12
Client ID: TMW-002-20240305
Sample Location: BALDWINSVILLE, NY

Date Collected: 03/05/24 15:40
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 03/09/24 21:51
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 03/09/24 00:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-12 Date Collected: 03/05/24 15:40

Client ID: TMW-002-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	83		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	82		41-149

Project Name: BALDWINSVILLE PHASE II
Project Number: 086821
Lab Number: L2411917
Report Date: 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-12
Client ID: TMW-002-20240305
Sample Location: BALDWINSVILLE, NY

Date Collected: 03/05/24 15:40
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 03/10/24 13:40
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 03/09/24 00:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.08	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.04	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.03	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.05	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Chrysene	0.04	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.05	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.06	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-12 Date Collected: 03/05/24 15:40

Client ID: TMW-002-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	49		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	83		15-120
2,4,6-Tribromophenol	76		10-120
4-Terphenyl-d14	84		41-149

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-13
Client ID: TMW-003-20240305
Sample Location: BALDWINSVILLE, NY

Date Collected: 03/05/24 16:05
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 03/09/24 22:14
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 03/09/24 00:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-13 Date Collected: 03/05/24 16:05

Client ID: TMW-003-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	84		10-120
4-Terphenyl-d14	79		41-149

Project Name: BALDWINSVILLE PHASE II
Project Number: 086821
Lab Number: L2411917
Report Date: 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-13
Client ID: TMW-003-20240305
Sample Location: BALDWINSVILLE, NY

Date Collected: 03/05/24 16:05
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 03/10/24 13:56
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 03/09/24 00:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.05	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	12		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	0.28		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.16		ug/l	0.10	0.01	1
Phenanthrene	0.13		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.03	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	0.67		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-13 Date Collected: 03/05/24 16:05

Client ID: TMW-003-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	75		10-120
4-Terphenyl-d14	77		41-149

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-14
Client ID: TMW-004-20240305
Sample Location: BALDWINSVILLE, NY

Date Collected: 03/05/24 16:30
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 03/09/24 22:37
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 03/09/24 00:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-14 Date Collected: 03/05/24 16:30

Client ID: TMW-004-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	64		41-149

Project Name: BALDWINSVILLE PHASE II
Project Number: 086821
Lab Number: L2411917
Report Date: 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-14
Client ID: TMW-004-20240305
Sample Location: BALDWINSVILLE, NY

Date Collected: 03/05/24 16:30
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 03/10/24 14:12
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 03/09/24 00:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	1.8		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.53		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.43		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.66		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.23		ug/l	0.10	0.01	1
Chrysene	0.62		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.15		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.26		ug/l	0.10	0.01	1
Fluorene	0.10	J	ug/l	0.10	0.01	1
Phenanthrene	0.83		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.06	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.30		ug/l	0.10	0.01	1
Pyrene	1.2		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-14 Date Collected: 03/05/24 16:30

Client ID: TMW-004-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	69		41-149

Project Name: BALDWINSVILLE PHASE II
Project Number: 086821
Lab Number: L2411917
Report Date: 03/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/10/24 16:01
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 03/08/24 07:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1893760-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: BALDWINSVILLE PHASE II
Project Number: 086821
Lab Number: L2411917
Report Date: 03/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/10/24 16:01
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 03/08/24 07:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1893760-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: BALDWINSVILLE PHASE II
Project Number: 086821
Lab Number: L2411917
Report Date: 03/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/10/24 16:01
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 03/08/24 07:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1893760-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	45.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	72		18-120

Project Name: BALDWINSVILLE PHASE II
Project Number: 086821
Lab Number: L2411917
Report Date: 03/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/09/24 14:20
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 03/09/24 00:18

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 11-14 Batch: WG1894109-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Isophorone	ND		ug/l	5.0	1.2
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38
Dimethyl phthalate	ND		ug/l	5.0	1.8
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35

Project Name: BALDWINSVILLE PHASE II
Project Number: 086821
Lab Number: L2411917
Report Date: 03/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/09/24 14:20
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 03/09/24 00:18

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 11-14 Batch: WG1894109-1					
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Carbazole	ND		ug/l	2.0	0.49
Atrazine	ND		ug/l	10	0.76
Benzaldehyde	ND		ug/l	5.0	0.53
Caprolactam	ND		ug/l	10	3.3
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	79		10-120
4-Terphenyl-d14	80		41-149

Project Name: BALDWINSVILLE PHASE II
Project Number: 086821
Lab Number: L2411917
Report Date: 03/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 03/10/24 11:46
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 03/09/24 00:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 11-14 Batch: WG1894110-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	0.03	J	ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	0.17		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	0.01	J	ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	0.01	J	ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: BALDWINSVILLE PHASE II
Project Number: 086821
Lab Number: L2411917
Report Date: 03/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 03/10/24 11:46
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 03/09/24 00:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 11-14 Batch: WG1894110-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	71		10-120
4-Terphenyl-d14	70		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: BALDWINSVILLE PHASE II

Project Number: 086821

Lab Number: L2411917

Report Date: 03/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1893760-2 WG1893760-3								
Acenaphthene	58		63		31-137	8		50
Hexachlorobenzene	57		62		40-140	8		50
Bis(2-chloroethyl)ether	60		64		40-140	6		50
2-Chloronaphthalene	54		59		40-140	9		50
3,3'-Dichlorobenzidine	50		56		40-140	11		50
2,4-Dinitrotoluene	58		62		40-132	7		50
2,6-Dinitrotoluene	61		66		40-140	8		50
Fluoranthene	61		66		40-140	8		50
4-Chlorophenyl phenyl ether	58		64		40-140	10		50
4-Bromophenyl phenyl ether	59		64		40-140	8		50
Bis(2-chloroisopropyl)ether	58		61		40-140	5		50
Bis(2-chloroethoxy)methane	60		64		40-117	6		50
Hexachlorobutadiene	57		61		40-140	7		50
Hexachlorocyclopentadiene	64		72		40-140	12		50
Hexachloroethane	58		61		40-140	5		50
Isophorone	58		63		40-140	8		50
Naphthalene	56		60		40-140	7		50
Nitrobenzene	62		67		40-140	8		50
NDPA/DPA	58		62		36-157	7		50
n-Nitrosodi-n-propylamine	58		64		32-121	10		50
Bis(2-ethylhexyl)phthalate	57		60		40-140	5		50
Butyl benzyl phthalate	65		70		40-140	7		50
Di-n-butylphthalate	66		71		40-140	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BALDWINSVILLE PHASE II

Project Number: 086821

Lab Number: L2411917

Report Date: 03/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1893760-2 WG1893760-3								
Di-n-octylphthalate	57		60		40-140	5		50
Diethyl phthalate	60		65		40-140	8		50
Dimethyl phthalate	54		59		40-140	9		50
Benzo(a)anthracene	60		64		40-140	6		50
Benzo(a)pyrene	63		67		40-140	6		50
Benzo(b)fluoranthene	62		66		40-140	6		50
Benzo(k)fluoranthene	60		64		40-140	6		50
Chrysene	59		63		40-140	7		50
Acenaphthylene	54		58		40-140	7		50
Anthracene	58		65		40-140	11		50
Benzo(ghi)perylene	60		65		40-140	8		50
Fluorene	57		62		40-140	8		50
Phenanthrene	56		62		40-140	10		50
Dibenzo(a,h)anthracene	61		66		40-140	8		50
Indeno(1,2,3-cd)pyrene	61		66		40-140	8		50
Pyrene	61		66		35-142	8		50
Biphenyl	54		58		37-127	7		50
4-Chloroaniline	52		46		40-140	12		50
2-Nitroaniline	61		67		47-134	9		50
3-Nitroaniline	54		60		26-129	11		50
4-Nitroaniline	62		68		41-125	9		50
Dibenzofuran	56		61		40-140	9		50
2-Methylnaphthalene	56		61		40-140	9		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: BALDWINSVILLE PHASE II
Project Number: 086821
Lab Number: L2411917
Report Date: 03/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1893760-2 WG1893760-3								
1,2,4,5-Tetrachlorobenzene	55		60		40-117	9		50
Acetophenone	62		66		14-144	6		50
2,4,6-Trichlorophenol	60		65		30-130	8		50
p-Chloro-m-cresol	60		66		26-103	10		50
2-Chlorophenol	63		68		25-102	8		50
2,4-Dichlorophenol	61		65		30-130	6		50
2,4-Dimethylphenol	73		78		30-130	7		50
2-Nitrophenol	70		76		30-130	8		50
4-Nitrophenol	60		66		11-114	10		50
2,4-Dinitrophenol	46		50		4-130	8		50
4,6-Dinitro-o-cresol	65		69		10-130	6		50
Pentachlorophenol	57		62		17-109	8		50
Phenol	61		68		26-90	11		50
2-Methylphenol	63		69		30-130.	9		50
3-Methylphenol/4-Methylphenol	64		69		30-130	8		50
2,4,5-Trichlorophenol	59		64		30-130	8		50
Carbazole	59		65		54-128	10		50
Atrazine	62		66		40-140	6		50
Benzaldehyde	54		57		40-140	5		50
Caprolactam	58		65		15-130	11		50
2,3,4,6-Tetrachlorophenol	63		67		40-140	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BALDWINSVILLE PHASE II

Project Number: 086821

Lab Number: L2411917

Report Date: 03/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1893760-2 WG1893760-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	64		69		25-120
Phenol-d6	62		68		10-120
Nitrobenzene-d5	61		65		23-120
2-Fluorobiphenyl	54		57		30-120
2,4,6-Tribromophenol	59		63		10-136
4-Terphenyl-d14	60		64		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: BALDWINSVILLE PHASE II

Project Number: 086821

Lab Number: L2411917

Report Date: 03/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-14 Batch: WG1894109-2 WG1894109-3								
Bis(2-chloroethyl)ether	49		58		40-140	17		30
3,3'-Dichlorobenzidine	55		60		40-140	9		30
2,4-Dinitrotoluene	71		76		48-143	7		30
2,6-Dinitrotoluene	80		84		40-140	5		30
4-Chlorophenyl phenyl ether	69		74		40-140	7		30
4-Bromophenyl phenyl ether	73		79		40-140	8		30
Bis(2-chloroisopropyl)ether	50		58		40-140	15		30
Bis(2-chloroethoxy)methane	58		61		40-140	5		30
Hexachlorocyclopentadiene	69		81		40-140	16		30
Isophorone	57		63		40-140	10		30
Nitrobenzene	54		62		40-140	14		30
NDPA/DPA	67		73		40-140	9		30
n-Nitrosodi-n-propylamine	57		61		29-132	7		30
Bis(2-ethylhexyl)phthalate	60		68		40-140	13		30
Butyl benzyl phthalate	65		74		40-140	13		30
Di-n-butylphthalate	66		77		40-140	15		30
Di-n-octylphthalate	63		71		40-140	12		30
Diethyl phthalate	68		74		40-140	8		30
Dimethyl phthalate	75		82		40-140	9		30
Biphenyl	67		79		40-140	16		30
4-Chloroaniline	50		53		40-140	6		30
2-Nitroaniline	72		86		52-143	18		30
3-Nitroaniline	56		63		25-145	12		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BALDWINSVILLE PHASE II

Project Number: 086821

Lab Number: L2411917

Report Date: 03/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-14 Batch: WG1894109-2 WG1894109-3								
4-Nitroaniline	65		68		51-143	5		30
Dibenzofuran	64		71		40-140	10		30
1,2,4,5-Tetrachlorobenzene	73		83		2-134	13		30
Acetophenone	56		65		39-129	15		30
2,4,6-Trichlorophenol	74		85		30-130	14		30
p-Chloro-m-cresol	66		74		23-97	11		30
2-Chlorophenol	56		60		27-123	7		30
2,4-Dichlorophenol	64		70		30-130	9		30
2,4-Dimethylphenol	57		53		30-130	7		30
2-Nitrophenol	61		66		30-130	8		30
4-Nitrophenol	52		61		10-80	16		30
2,4-Dinitrophenol	74		76		20-130	3		30
4,6-Dinitro-o-cresol	76		90		20-164	17		30
Phenol	35		40		12-110	13		30
2-Methylphenol	55		54		30-130	2		30
3-Methylphenol/4-Methylphenol	51		57		30-130	11		30
2,4,5-Trichlorophenol	79		85		30-130	7		30
Carbazole	65		72		55-144	10		30
Atrazine	74		78		40-140	5		30
Benzaldehyde	107		127		40-140	17		30
Caprolactam	31		37		10-130	18		30
2,3,4,6-Tetrachlorophenol	73		81		40-140	10		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BALDWINSVILLE PHASE II

Project Number: 086821

Lab Number: L2411917

Report Date: 03/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-14 Batch: WG1894109-2 WG1894109-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	41		47		21-120
Phenol-d6	37		40		10-120
Nitrobenzene-d5	55		60		23-120
2-Fluorobiphenyl	65		74		15-120
2,4,6-Tribromophenol	72		79		10-120
4-Terphenyl-d14	68		74		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: BALDWINSVILLE PHASE II

Project Number: 086821

Lab Number: L2411917

Report Date: 03/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 11-14 Batch: WG1894110-2 WG1894110-3								
Acenaphthene	67		75		40-140	11		40
2-Chloronaphthalene	65		73		40-140	12		40
Fluoranthene	67		72		40-140	7		40
Hexachlorobutadiene	60		73		40-140	20		40
Naphthalene	62		72		40-140	15		40
Benzo(a)anthracene	83		92		40-140	10		40
Benzo(a)pyrene	71		79		40-140	11		40
Benzo(b)fluoranthene	77		83		40-140	8		40
Benzo(k)fluoranthene	70		80		40-140	13		40
Chrysene	77		85		40-140	10		40
Acenaphthylene	67		74		40-140	10		40
Anthracene	70		78		40-140	11		40
Benzo(ghi)perylene	62		70		40-140	12		40
Fluorene	70		77		40-140	10		40
Phenanthrene	70		76		40-140	8		40
Dibenzo(a,h)anthracene	63		71		40-140	12		40
Indeno(1,2,3-cd)pyrene	70		78		40-140	11		40
Pyrene	65		70		40-140	7		40
2-Methylnaphthalene	63		71		40-140	12		40
Pentachlorophenol	70		76		40-140	8		40
Hexachlorobenzene	67		75		40-140	11		40
Hexachloroethane	57		70		40-140	20		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: BALDWINSVILLE PHASE II

Project Number: 086821

Lab Number: L2411917

Report Date: 03/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 11-14 Batch: WG1894110-2 WG1894110-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	53		63		21-120
Phenol-d6	49		56		10-120
Nitrobenzene-d5	74		86		23-120
2-Fluorobiphenyl	65		73		15-120
2,4,6-Tribromophenol	80		88		10-120
4-Terphenyl-d14	55		60		41-149

METALS

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-01 Date Collected: 03/05/24 09:35

Client ID: SOIL-001-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.03	J	mg/kg	2.12	0.442	5	03/12/24 00:40	03/12/24 09:50	EPA 3050B	1,6010D	JMF
Barium, Total	10.8		mg/kg	2.12	0.369	5	03/12/24 00:40	03/12/24 09:50	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	2.12	0.208	5	03/12/24 00:40	03/12/24 09:50	EPA 3050B	1,6010D	JMF
Chromium, Total	5.18		mg/kg	2.12	0.204	5	03/12/24 00:40	03/12/24 09:50	EPA 3050B	1,6010D	JMF
Lead, Total	2.58	J	mg/kg	10.6	0.569	5	03/12/24 00:40	03/12/24 09:50	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.079	0.051	1	03/12/24 01:40	03/12/24 16:34	EPA 7471B	1,7471B	GMG
Selenium, Total	ND		mg/kg	4.25	0.548	5	03/12/24 00:40	03/12/24 09:50	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	1.06	0.601	5	03/12/24 00:40	03/12/24 09:50	EPA 3050B	1,6010D	JMF

Project Name: BALDWINSVILLE PHASE II
Lab Number: L2411917
Project Number: 086821
Report Date: 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-02
Client ID: SOIL-002-20240305
Sample Location: BALDWINSVILLE, NY
Date Collected: 03/05/24 09:55
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.60	J	mg/kg	2.19	0.456	5	03/12/24 00:40	03/12/24 09:55	EPA 3050B	1,6010D	JMF
Barium, Total	18.7		mg/kg	2.19	0.381	5	03/12/24 00:40	03/12/24 09:55	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	2.19	0.215	5	03/12/24 00:40	03/12/24 09:55	EPA 3050B	1,6010D	JMF
Chromium, Total	4.74		mg/kg	2.19	0.210	5	03/12/24 00:40	03/12/24 09:55	EPA 3050B	1,6010D	JMF
Lead, Total	2.61	J	mg/kg	11.0	0.587	5	03/12/24 00:40	03/12/24 09:55	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.077	0.050	1	03/12/24 01:40	03/12/24 16:37	EPA 7471B	1,7471B	GMG
Selenium, Total	ND		mg/kg	4.38	0.565	5	03/12/24 00:40	03/12/24 09:55	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	1.10	0.620	5	03/12/24 00:40	03/12/24 09:55	EPA 3050B	1,6010D	JMF

Project Name: BALDWINSVILLE PHASE II
Lab Number: L2411917
Project Number: 086821
Report Date: 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-03
Client ID: SOIL-003-20240305
Sample Location: BALDWINSVILLE, NY
Date Collected: 03/05/24 10:25
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.86	J	mg/kg	2.28	0.475	5	03/12/24 00:40	03/12/24 09:59	EPA 3050B	1,6010D	JMF
Barium, Total	7.14		mg/kg	2.28	0.397	5	03/12/24 00:40	03/12/24 09:59	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	2.28	0.224	5	03/12/24 00:40	03/12/24 09:59	EPA 3050B	1,6010D	JMF
Chromium, Total	4.79		mg/kg	2.28	0.219	5	03/12/24 00:40	03/12/24 09:59	EPA 3050B	1,6010D	JMF
Lead, Total	2.63	J	mg/kg	11.4	0.612	5	03/12/24 00:40	03/12/24 09:59	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.074	0.048	1	03/12/24 01:40	03/12/24 16:41	EPA 7471B	1,7471B	GMG
Selenium, Total	ND		mg/kg	4.56	0.589	5	03/12/24 00:40	03/12/24 09:59	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	1.14	0.646	5	03/12/24 00:40	03/12/24 09:59	EPA 3050B	1,6010D	JMF

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-04 Date Collected: 03/05/24 11:10

Client ID: SOIL-004-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.90	J	mg/kg	2.28	0.475	5	03/12/24 00:40	03/12/24 10:03	EPA 3050B	1,6010D	JMF
Barium, Total	9.59		mg/kg	2.28	0.398	5	03/12/24 00:40	03/12/24 10:03	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	2.28	0.224	5	03/12/24 00:40	03/12/24 10:03	EPA 3050B	1,6010D	JMF
Chromium, Total	4.65		mg/kg	2.28	0.219	5	03/12/24 00:40	03/12/24 10:03	EPA 3050B	1,6010D	JMF
Lead, Total	2.43	J	mg/kg	11.4	0.612	5	03/12/24 00:40	03/12/24 10:03	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.084	0.055	1	03/12/24 01:40	03/12/24 16:44	EPA 7471B	1,7471B	GMG
Selenium, Total	ND		mg/kg	4.57	0.590	5	03/12/24 00:40	03/12/24 10:03	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	1.14	0.647	5	03/12/24 00:40	03/12/24 10:03	EPA 3050B	1,6010D	JMF

Project Name: BALDWINSVILLE PHASE II
Lab Number: L2411917
Project Number: 086821
Report Date: 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-05
Client ID: SOIL-006-20240305
Sample Location: BALDWINSVILLE, NY
Date Collected: 03/05/24 12:30
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.53		mg/kg	2.36	0.491	5	03/12/24 00:40	03/12/24 10:08	EPA 3050B	1,6010D	JMF
Barium, Total	14.0		mg/kg	2.36	0.411	5	03/12/24 00:40	03/12/24 10:08	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	2.36	0.231	5	03/12/24 00:40	03/12/24 10:08	EPA 3050B	1,6010D	JMF
Chromium, Total	6.42		mg/kg	2.36	0.227	5	03/12/24 00:40	03/12/24 10:08	EPA 3050B	1,6010D	JMF
Lead, Total	15.8		mg/kg	11.8	0.633	5	03/12/24 00:40	03/12/24 10:08	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.086	0.056	1	03/12/24 01:40	03/12/24 16:54	EPA 7471B	1,7471B	GMG
Selenium, Total	ND		mg/kg	4.72	0.609	5	03/12/24 00:40	03/12/24 10:08	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	1.18	0.668	5	03/12/24 00:40	03/12/24 10:08	EPA 3050B	1,6010D	JMF

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-06 Date Collected: 03/05/24 12:45

Client ID: SOIL-007-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.89	J	mg/kg	2.36	0.491	5	03/12/24 00:40	03/12/24 10:39	EPA 3050B	1,6010D	JMF
Barium, Total	7.42		mg/kg	2.36	0.410	5	03/12/24 00:40	03/12/24 10:39	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	2.36	0.231	5	03/12/24 00:40	03/12/24 10:39	EPA 3050B	1,6010D	JMF
Chromium, Total	4.36		mg/kg	2.36	0.226	5	03/12/24 00:40	03/12/24 10:39	EPA 3050B	1,6010D	JMF
Lead, Total	2.58	J	mg/kg	11.8	0.632	5	03/12/24 00:40	03/12/24 10:39	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.079	0.052	1	03/12/24 01:40	03/12/24 16:57	EPA 7471B	1,7471B	GMG
Selenium, Total	ND		mg/kg	4.72	0.608	5	03/12/24 00:40	03/12/24 10:39	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	1.18	0.668	5	03/12/24 00:40	03/12/24 10:39	EPA 3050B	1,6010D	JMF

Project Name: BALDWINSVILLE PHASE II
Lab Number: L2411917
Project Number: 086821
Report Date: 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-07
Client ID: SOIL-008-20240305
Sample Location: BALDWINSVILLE, NY
Date Collected: 03/05/24 13:25
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.18		mg/kg	2.39	0.496	5	03/12/24 00:40	03/12/24 10:43	EPA 3050B	1,6010D	JMF
Barium, Total	25.0		mg/kg	2.39	0.415	5	03/12/24 00:40	03/12/24 10:43	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	2.39	0.234	5	03/12/24 00:40	03/12/24 10:43	EPA 3050B	1,6010D	JMF
Chromium, Total	11.7		mg/kg	2.39	0.229	5	03/12/24 00:40	03/12/24 10:43	EPA 3050B	1,6010D	JMF
Lead, Total	33.5		mg/kg	11.9	0.640	5	03/12/24 00:40	03/12/24 10:43	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.084	0.055	1	03/12/24 01:40	03/12/24 17:01	EPA 7471B	1,7471B	GMG
Selenium, Total	ND		mg/kg	4.77	0.616	5	03/12/24 00:40	03/12/24 10:43	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	1.19	0.675	5	03/12/24 00:40	03/12/24 10:43	EPA 3050B	1,6010D	JMF

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-08 Date Collected: 03/05/24 13:55

Client ID: SOIL-009-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.25		mg/kg	2.24	0.465	5	03/12/24 00:40	03/12/24 10:48	EPA 3050B	1,6010D	JMF
Barium, Total	37.5		mg/kg	2.24	0.389	5	03/12/24 00:40	03/12/24 10:48	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	2.24	0.219	5	03/12/24 00:40	03/12/24 10:48	EPA 3050B	1,6010D	JMF
Chromium, Total	11.1		mg/kg	2.24	0.215	5	03/12/24 00:40	03/12/24 10:48	EPA 3050B	1,6010D	JMF
Lead, Total	41.9		mg/kg	11.2	0.600	5	03/12/24 00:40	03/12/24 10:48	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.074	0.048	1	03/12/24 01:40	03/12/24 17:04	EPA 7471B	1,7471B	GMG
Selenium, Total	ND		mg/kg	4.47	0.577	5	03/12/24 00:40	03/12/24 10:48	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	1.12	0.633	5	03/12/24 00:40	03/12/24 10:48	EPA 3050B	1,6010D	JMF

Project Name: BALDWINSVILLE PHASE II
Lab Number: L2411917
Project Number: 086821
Report Date: 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-09
Client ID: SURF-001-20240305
Sample Location: BALDWINSVILLE, NY
Date Collected: 03/05/24 14:30
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.22		mg/kg	2.46	0.511	5	03/12/24 00:40	03/12/24 10:52	EPA 3050B	1,6010D	JMF
Barium, Total	34.8		mg/kg	2.46	0.428	5	03/12/24 00:40	03/12/24 10:52	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	2.46	0.241	5	03/12/24 00:40	03/12/24 10:52	EPA 3050B	1,6010D	JMF
Chromium, Total	17.2		mg/kg	2.46	0.236	5	03/12/24 00:40	03/12/24 10:52	EPA 3050B	1,6010D	JMF
Lead, Total	50.4		mg/kg	12.3	0.659	5	03/12/24 00:40	03/12/24 10:52	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.093	0.060	1	03/12/24 01:40	03/12/24 17:07	EPA 7471B	1,7471B	GMG
Selenium, Total	ND		mg/kg	4.92	0.634	5	03/12/24 00:40	03/12/24 10:52	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	1.23	0.696	5	03/12/24 00:40	03/12/24 10:52	EPA 3050B	1,6010D	JMF

Project Name: BALDWINSVILLE PHASE II
Lab Number: L2411917
Project Number: 086821
Report Date: 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-10
Client ID: SURF-002-20240305
Sample Location: BALDWINSVILLE, NY
Date Collected: 03/05/24 15:00
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.03		mg/kg	2.33	0.484	5	03/12/24 00:40	03/12/24 10:57	EPA 3050B	1,6010D	JMF
Barium, Total	43.5		mg/kg	2.33	0.405	5	03/12/24 00:40	03/12/24 10:57	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	2.33	0.228	5	03/12/24 00:40	03/12/24 10:57	EPA 3050B	1,6010D	JMF
Chromium, Total	16.7		mg/kg	2.33	0.224	5	03/12/24 00:40	03/12/24 10:57	EPA 3050B	1,6010D	JMF
Lead, Total	92.6		mg/kg	11.6	0.624	5	03/12/24 00:40	03/12/24 10:57	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.078	0.051	1	03/12/24 01:40	03/12/24 17:10	EPA 7471B	1,7471B	GMG
Selenium, Total	ND		mg/kg	4.66	0.601	5	03/12/24 00:40	03/12/24 10:57	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	1.16	0.659	5	03/12/24 00:40	03/12/24 10:57	EPA 3050B	1,6010D	JMF

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-11 Date Collected: 03/05/24 15:20

Client ID: TMW-001-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.08277		mg/l	0.00100	0.00033	1	03/12/24 10:31	03/13/24 12:05	EPA 3005A	1,6020B	NTB
Barium, Total	2.115		mg/l	0.00100	0.00034	1	03/12/24 10:31	03/13/24 12:05	EPA 3005A	1,6020B	NTB
Cadmium, Total	0.00216		mg/l	0.00040	0.00011	1	03/12/24 10:31	03/13/24 12:05	EPA 3005A	1,6020B	NTB
Chromium, Total	0.2915		mg/l	0.02000	0.00356	10	03/12/24 10:31	03/13/24 12:42	EPA 3005A	1,6020B	NTB
Lead, Total	0.3659		mg/l	0.00200	0.00068	1	03/12/24 10:31	03/13/24 12:05	EPA 3005A	1,6020B	NTB
Mercury, Total	0.00053		mg/l	0.00020	0.00009	1	03/12/24 11:18	03/12/24 21:48	EPA 7470A	1,7470A	GMG
Selenium, Total	0.0959		mg/l	0.0100	0.00346	1	03/12/24 10:31	03/13/24 12:05	EPA 3005A	1,6020B	NTB
Silver, Total	0.00033	J	mg/l	0.00080	0.00032	1	03/12/24 10:31	03/13/24 12:05	EPA 3005A	1,6020B	NTB

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-12 Date Collected: 03/05/24 15:40

Client ID: TMW-002-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.02416		mg/l	0.00100	0.00016	1	03/07/24 04:24	03/11/24 19:54	EPA 3005A	1,6020B	NTB
Barium, Total	1.223		mg/l	0.00050	0.00017	1	03/07/24 04:24	03/11/24 19:54	EPA 3005A	1,6020B	NTB
Cadmium, Total	0.00213		mg/l	0.00020	0.00005	1	03/07/24 04:24	03/11/24 19:54	EPA 3005A	1,6020B	NTB
Chromium, Total	0.8690		mg/l	0.01000	0.00178	10	03/07/24 04:24	03/11/24 20:15	EPA 3005A	1,6020B	NTB
Lead, Total	0.2293		mg/l	0.00100	0.00034	1	03/07/24 04:24	03/11/24 19:54	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00100	0.00045	1	03/07/24 04:32	03/08/24 18:52	EPA 7470A	1,7470A	MJR
Selenium, Total	0.0368		mg/l	0.00500	0.00173	1	03/07/24 04:24	03/11/24 19:54	EPA 3005A	1,6020B	NTB
Silver, Total	0.00062		mg/l	0.00040	0.00016	1	03/07/24 04:24	03/11/24 19:54	EPA 3005A	1,6020B	NTB

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-13 Date Collected: 03/05/24 16:05

Client ID: TMW-003-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.02052		mg/l	0.00100	0.00016	1	03/07/24 04:24	03/11/24 19:58	EPA 3005A	1,6020B	NTB
Barium, Total	0.3453		mg/l	0.00050	0.00017	1	03/07/24 04:24	03/11/24 19:58	EPA 3005A	1,6020B	NTB
Cadmium, Total	0.00069		mg/l	0.00020	0.00005	1	03/07/24 04:24	03/11/24 19:58	EPA 3005A	1,6020B	NTB
Chromium, Total	0.1577		mg/l	0.01000	0.00178	10	03/07/24 04:24	03/11/24 20:20	EPA 3005A	1,6020B	NTB
Lead, Total	0.06930		mg/l	0.00100	0.00034	1	03/07/24 04:24	03/11/24 19:58	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00100	0.00045	1	03/07/24 04:32	03/08/24 18:55	EPA 7470A	1,7470A	MJR
Selenium, Total	0.0316		mg/l	0.00500	0.00173	1	03/07/24 04:24	03/11/24 19:58	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/07/24 04:24	03/11/24 19:58	EPA 3005A	1,6020B	NTB

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-14 Date Collected: 03/05/24 16:30

Client ID: TMW-004-20240305 Date Received: 03/05/24

Sample Location: BALDWINSVILLE, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.00599		mg/l	0.00100	0.00016	1	03/07/24 04:24	03/11/24 20:02	EPA 3005A	1,6020B	NTB
Barium, Total	0.06002		mg/l	0.00050	0.00017	1	03/07/24 04:24	03/11/24 20:02	EPA 3005A	1,6020B	NTB
Cadmium, Total	0.00013	J	mg/l	0.00020	0.00005	1	03/07/24 04:24	03/11/24 20:02	EPA 3005A	1,6020B	NTB
Chromium, Total	0.01199		mg/l	0.00100	0.00017	1	03/07/24 04:24	03/11/24 20:02	EPA 3005A	1,6020B	NTB
Lead, Total	0.00998		mg/l	0.00100	0.00034	1	03/07/24 04:24	03/11/24 20:02	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	03/07/24 04:32	03/08/24 18:58	EPA 7470A	1,7470A	MJR
Selenium, Total	0.00521		mg/l	0.00500	0.00173	1	03/07/24 04:24	03/11/24 20:02	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/07/24 04:24	03/11/24 20:02	EPA 3005A	1,6020B	NTB

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 12-14 Batch: WG1893133-1										
Arsenic, Total	ND		mg/l	0.00100	0.00016	1	03/07/24 04:24	03/11/24 18:54	1,6020B	NTB
Barium, Total	ND		mg/l	0.00050	0.00017	1	03/07/24 04:24	03/11/24 18:54	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	03/07/24 04:24	03/11/24 18:54	1,6020B	NTB
Chromium, Total	0.00018	J	mg/l	0.00100	0.00017	1	03/07/24 04:24	03/11/24 18:54	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	03/07/24 04:24	03/11/24 18:54	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	03/07/24 04:24	03/11/24 18:54	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/07/24 04:24	03/11/24 18:54	1,6020B	NTB

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 12-14 Batch: WG1893134-1										
Mercury, Total	0.00016	J	mg/l	0.00020	0.00009	1	03/07/24 04:32	03/08/24 18:07	1,7470A	MJR

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-10 Batch: WG1894825-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	03/12/24 00:40	03/12/24 08:27	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	03/12/24 00:40	03/12/24 08:27	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	03/12/24 00:40	03/12/24 08:27	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	03/12/24 00:40	03/12/24 08:27	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	03/12/24 00:40	03/12/24 08:27	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	03/12/24 00:40	03/12/24 08:27	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	03/12/24 00:40	03/12/24 08:27	1,6010D	JMF

Project Name: BALDWINSVILLE PHASE II **Lab Number:** L2411917

Project Number: 086821 **Report Date:** 03/13/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-10 Batch: WG1894826-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	03/12/24 01:40	03/12/24 15:41	1,7471B	GMG

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 11 Batch: WG1895005-1										
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	03/12/24 10:31	03/13/24 11:11	1,6020B	NTB
Barium, Total	ND		mg/l	0.00050	0.00017	1	03/12/24 10:31	03/13/24 11:11	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	03/12/24 10:31	03/13/24 11:11	1,6020B	NTB
Chromium, Total	ND		mg/l	0.00100	0.00017	1	03/12/24 10:31	03/13/24 11:11	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	03/12/24 10:31	03/13/24 11:11	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	03/12/24 10:31	03/13/24 11:11	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/12/24 10:31	03/13/24 11:11	1,6020B	NTB

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 11 Batch: WG1895012-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	03/12/24 11:18	03/12/24 21:18	1,7470A	GMG

Project Name: BALDWINSVILLE PHASE II
Project Number: 086821
Lab Number: L2411917
Report Date: 03/13/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: BALDWINSVILLE PHASE II

Project Number: 086821

Lab Number: L2411917

Report Date: 03/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 12-14 Batch: WG1893133-2								
Arsenic, Total	106		-		80-120	-		
Barium, Total	104		-		80-120	-		
Cadmium, Total	104		-		80-120	-		
Chromium, Total	106		-		80-120	-		
Lead, Total	95		-		80-120	-		
Selenium, Total	103		-		80-120	-		
Silver, Total	104		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 12-14 Batch: WG1893134-2								
Mercury, Total	95		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG1894825-2 SRM Lot Number: D123-540								
Arsenic, Total	100		-		82-118	-		
Barium, Total	112		-		82-118	-		
Cadmium, Total	102		-		83-118	-		
Chromium, Total	103		-		81-118	-		
Lead, Total	102		-		82-119	-		
Selenium, Total	101		-		81-119	-		
Silver, Total	104		-		79-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: BALDWINSVILLE PHASE II

Project Number: 086821

Lab Number: L2411917

Report Date: 03/13/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG1894826-2 SRM Lot Number: D123-540					
Mercury, Total	98	-	67-132	-	
Total Metals - Mansfield Lab Associated sample(s): 11 Batch: WG1895005-2					
Arsenic, Total	98	-	80-120	-	
Barium, Total	98	-	80-120	-	
Cadmium, Total	99	-	80-120	-	
Chromium, Total	96	-	80-120	-	
Lead, Total	95	-	80-120	-	
Selenium, Total	95	-	80-120	-	
Silver, Total	98	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 11 Batch: WG1895012-2					
Mercury, Total	102	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: BALDWINSVILLE PHASE II
Project Number: 086821
Lab Number: L2411917
Report Date: 03/13/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 12-14 QC Batch ID: WG1893133-3 WG1893133-4 QC Sample: L2411894-02 Client ID: MS Sample												
Arsenic, Total	0.00087J	0.12	0.1325	110		0.1350	112		75-125	2		20
Barium, Total	0.07101	2	2.252	109		2.227	108		75-125	1		20
Cadmium, Total	ND	0.053	0.05830	110		0.05777	109		75-125	1		20
Chromium, Total	0.00044J	0.2	0.2104	105		0.2157	108		75-125	2		20
Lead, Total	ND	0.53	0.5576	105		0.5447	103		75-125	2		20
Selenium, Total	ND	0.12	0.125	104		0.127	106		75-125	2		20
Silver, Total	ND	0.05	0.05319	106		0.05314	106		75-125	0		20
Total Metals - Mansfield Lab Associated sample(s): 12-14 QC Batch ID: WG1893134-3 WG1893134-4 QC Sample: L2411894-02 Client ID: MS Sample												
Mercury, Total	ND	0.005	0.00472	94		0.00457	91		75-125	3		20
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1894825-3 WG1894825-4 QC Sample: L2411901-04 Client ID: MS Sample												
Arsenic, Total	9.30	14	24.4	108		25.3	113		75-125	4		20
Barium, Total	84.7	233	323	102		316	98		75-125	2		20
Cadmium, Total	ND	6.17	5.74	93		5.58	89		75-125	3		20
Chromium, Total	13.7	23.3	36.7	99		37.4	100		75-125	2		20
Lead, Total	15.6	61.7	78.7	102		78.8	101		75-125	0		20
Selenium, Total	ND	14	12.3	88		12.9	91		75-125	5		20
Silver, Total	ND	5.82	6.52	112		6.42	108		75-125	2		20
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1894826-3 WG1894826-4 QC Sample: L2411901-04 Client ID: MS Sample												
Mercury, Total	ND	2.23	2.14	96		2.07	99		80-120	3		20

Matrix Spike Analysis
Batch Quality Control

Project Name: BALDWINSVILLE PHASE II
Project Number: 086821
Lab Number: L2411917
Report Date: 03/13/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 11	QC Batch ID: WG1895005-3				WG1895005-4		QC Sample: L2413093-01		Client ID: MS Sample
Arsenic, Total	0.00021J	0.12	0.1175	98	0.1034	86	75-125	13	20
Barium, Total	0.1873	2	2.110	96	1.900	86	75-125	10	20
Cadmium, Total	0.00008J	0.053	0.05131	97	0.04655	88	75-125	10	20
Chromium, Total	0.01026	0.2	0.1944	92	0.1745	82	75-125	11	20
Lead, Total	ND	0.53	0.4931	93	0.4433	84	75-125	11	20
Selenium, Total	ND	0.12	0.113	94	0.100	83	75-125	12	20
Silver, Total	ND	0.05	0.04783	96	0.04309	86	75-125	10	20
Total Metals - Mansfield Lab Associated sample(s): 11	QC Batch ID: WG1895012-3				WG1895012-4		QC Sample: L2413093-01		Client ID: MS Sample
Mercury, Total	ND	0.005	0.00467	93	0.00479	96	75-125	2	20

Project Name: BALDWINSVILLE PHASE II
Project Number: 086821

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2411917
Report Date: 03/13/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 12-14 QC Batch ID: WG1893133-6 QC Sample: L2411894-02 Client ID: DUP Sample						
Barium, Total	0.07101	0.06892	mg/l	3		20
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1894825-6 QC Sample: L2411901-04 Client ID: DUP Sample						
Barium, Total	84.7	86.8	mg/kg	2		20

INORGANICS
&
MISCELLANEOUS

Project Name: BALDWINSVILLE PHASE II
Project Number: 086821
Lab Number: L2411917
Report Date: 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-01
Client ID: SOIL-001-20240305
Sample Location: BALDWINSVILLE, NY
Sample Depth:
Matrix: Soil

Date Collected: 03/05/24 09:35
Date Received: 03/05/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.7		%	0.100	NA	1	-	03/06/24 10:19	121,2540G	ROI

Project Name: BALDWINSVILLE PHASE II
Project Number: 086821
Lab Number: L2411917
Report Date: 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-02
Client ID: SOIL-002-20240305
Sample Location: BALDWINSVILLE, NY
Sample Depth:
Matrix: Soil

Date Collected: 03/05/24 09:55
Date Received: 03/05/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.6		%	0.100	NA	1	-	03/06/24 10:19	121,2540G	ROI

Project Name: BALDWINSVILLE PHASE II
Project Number: 086821
Lab Number: L2411917
Report Date: 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-03
Client ID: SOIL-003-20240305
Sample Location: BALDWINSVILLE, NY
Sample Depth:
Matrix: Soil

Date Collected: 03/05/24 10:25
Date Received: 03/05/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.3		%	0.100	NA	1	-	03/06/24 10:19	121,2540G	ROI

Project Name: BALDWINSVILLE PHASE II
Project Number: 086821
Lab Number: L2411917
Report Date: 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-04
Client ID: SOIL-004-20240305
Sample Location: BALDWINSVILLE, NY
Sample Depth:
Matrix: Soil

Date Collected: 03/05/24 11:10
Date Received: 03/05/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.0		%	0.100	NA	1	-	03/06/24 10:19	121,2540G	ROI

Project Name: BALDWINSVILLE PHASE II
Project Number: 086821
Lab Number: L2411917
Report Date: 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-05
Client ID: SOIL-006-20240305
Sample Location: BALDWINSVILLE, NY
Sample Depth:
Matrix: Soil

Date Collected: 03/05/24 12:30
Date Received: 03/05/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.9		%	0.100	NA	1	-	03/06/24 10:19	121,2540G	ROI

Project Name: BALDWINSVILLE PHASE II
Project Number: 086821
Lab Number: L2411917
Report Date: 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-06
Client ID: SOIL-007-20240305
Sample Location: BALDWINSVILLE, NY
Date Collected: 03/05/24 12:45
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.4		%	0.100	NA	1	-	03/06/24 10:19	121,2540G	ROI

Project Name: BALDWINSVILLE PHASE II
Project Number: 086821
Lab Number: L2411917
Report Date: 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-07
Client ID: SOIL-008-20240305
Sample Location: BALDWINSVILLE, NY
Sample Depth:
Matrix: Soil

Date Collected: 03/05/24 13:25
Date Received: 03/05/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.7		%	0.100	NA	1	-	03/06/24 10:19	121,2540G	ROI

Project Name: BALDWINSVILLE PHASE II
Project Number: 086821
Lab Number: L2411917
Report Date: 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-08
Client ID: SOIL-009-20240305
Sample Location: BALDWINSVILLE, NY
Sample Depth:
Matrix: Soil

Date Collected: 03/05/24 13:55
Date Received: 03/05/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.9		%	0.100	NA	1	-	03/06/24 10:19	121,2540G	ROI

Project Name: BALDWINSVILLE PHASE II
Project Number: 086821
Lab Number: L2411917
Report Date: 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-09
Client ID: SURF-001-20240305
Sample Location: BALDWINSVILLE, NY
Sample Depth:
Matrix: Soil

Date Collected: 03/05/24 14:30
Date Received: 03/05/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.7		%	0.100	NA	1	-	03/06/24 10:19	121,2540G	ROI

Project Name: BALDWINSVILLE PHASE II
Project Number: 086821
Lab Number: L2411917
Report Date: 03/13/24

SAMPLE RESULTS

Lab ID: L2411917-10
Client ID: SURF-002-20240305
Sample Location: BALDWINSVILLE, NY
Sample Depth:
Matrix: Soil

Date Collected: 03/05/24 15:00
Date Received: 03/05/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.4		%	0.100	NA	1	-	03/06/24 10:19	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: BALDWINSVILLE PHASE II

Project Number: 086821

Lab Number: L2411917

Report Date: 03/13/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1892835-1 QC Sample: L2411917-01 Client ID: SOIL-001-20240305						
Solids, Total	90.7	87.8	%	3		20

Project Name: BALDWINSVILLE PHASE II
Project Number: 086821

Lab Number: L2411917
Report Date: 03/13/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2411917-01A	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2411917-01B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2411917-01C	Vial Large Septa unpreserved (4oz)	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2411917-01D	Glass 120ml/4oz unpreserved	A	N/A	N/A	3.2	Y	Absent		NYTCL-8270(14)
L2411917-01X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2411917-01Y	Vial Water preserved split	A	NA		3.2	Y	Absent	06-MAR-24 13:00	NYTCL-8260-R2(14)
L2411917-01Z	Vial Water preserved split	A	NA		3.2	Y	Absent	06-MAR-24 13:00	NYTCL-8260-R2(14)
L2411917-02A	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2411917-02B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2411917-02C	Vial Large Septa unpreserved (4oz)	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2411917-02D	Glass 120ml/4oz unpreserved	A	N/A	N/A	3.2	Y	Absent		NYTCL-8270(14)
L2411917-02X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2411917-02Y	Vial Water preserved split	A	NA		3.2	Y	Absent	06-MAR-24 13:00	NYTCL-8260-R2(14)
L2411917-02Z	Vial Water preserved split	A	NA		3.2	Y	Absent	06-MAR-24 13:00	NYTCL-8260-R2(14)
L2411917-03A	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2411917-03B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2411917-03C	Vial Large Septa unpreserved (4oz)	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2411917-03D	Glass 120ml/4oz unpreserved	A	N/A	N/A	3.2	Y	Absent		NYTCL-8270(14)
L2411917-03X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: BALDWINSVILLE PHASE II
Project Number: 086821

Lab Number: L2411917
Report Date: 03/13/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2411917-03Y	Vial Water preserved split	A	NA		3.2	Y	Absent	06-MAR-24 13:00	NYTCL-8260-R2(14)
L2411917-03Z	Vial Water preserved split	A	NA		3.2	Y	Absent	06-MAR-24 13:00	NYTCL-8260-R2(14)
L2411917-04A	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2411917-04B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2411917-04C	Vial Large Septa unpreserved (4oz)	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2411917-04D	Glass 120ml/4oz unpreserved	A	N/A	N/A	3.2	Y	Absent		NYTCL-8270(14)
L2411917-04X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2411917-04Y	Vial Water preserved split	A	NA		3.2	Y	Absent	06-MAR-24 13:00	NYTCL-8260-R2(14)
L2411917-04Z	Vial Water preserved split	A	NA		3.2	Y	Absent	06-MAR-24 13:00	NYTCL-8260-R2(14)
L2411917-05A	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2411917-05B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2411917-05C	Vial Large Septa unpreserved (4oz)	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2411917-05D	Glass 120ml/4oz unpreserved	A	N/A	N/A	3.2	Y	Absent		NYTCL-8270(14)
L2411917-05X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2411917-05Y	Vial Water preserved split	A	NA		3.2	Y	Absent	06-MAR-24 13:00	NYTCL-8260-R2(14)
L2411917-05Z	Vial Water preserved split	A	NA		3.2	Y	Absent	06-MAR-24 13:00	NYTCL-8260-R2(14)
L2411917-06A	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2411917-06B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2411917-06C	Vial Large Septa unpreserved (4oz)	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2411917-06D	Glass 120ml/4oz unpreserved	A	N/A	N/A	3.2	Y	Absent		NYTCL-8270(14)
L2411917-06X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2411917-06Y	Vial Water preserved split	A	NA		3.2	Y	Absent	06-MAR-24 13:00	NYTCL-8260-R2(14)
L2411917-06Z	Vial Water preserved split	A	NA		3.2	Y	Absent	06-MAR-24 13:00	NYTCL-8260-R2(14)
L2411917-07A	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2411917-07B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)

*Values in parentheses indicate holding time in days

Project Name: BALDWINSVILLE PHASE II
Project Number: 086821

Lab Number: L2411917
Report Date: 03/13/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2411917-07C	Vial Large Septa unpreserved (4oz)	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2411917-07D	Glass 120ml/4oz unpreserved	A	N/A	N/A	3.2	Y	Absent		NYTCL-8270(14)
L2411917-07X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2411917-07Y	Vial Water preserved split	A	NA		3.2	Y	Absent	06-MAR-24 13:00	NYTCL-8260-R2(14)
L2411917-07Z	Vial Water preserved split	A	NA		3.2	Y	Absent	06-MAR-24 13:00	NYTCL-8260-R2(14)
L2411917-08A	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2411917-08B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2411917-08C	Vial Large Septa unpreserved (4oz)	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2411917-08D	Glass 120ml/4oz unpreserved	A	N/A	N/A	3.2	Y	Absent		NYTCL-8270(14)
L2411917-08X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2411917-08Y	Vial Water preserved split	A	NA		3.2	Y	Absent	06-MAR-24 13:00	NYTCL-8260-R2(14)
L2411917-08Z	Vial Water preserved split	A	NA		3.2	Y	Absent	06-MAR-24 13:00	NYTCL-8260-R2(14)
L2411917-09A	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2411917-09B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2411917-09C	Glass 120ml/4oz unpreserved	A	N/A	N/A	3.2	Y	Absent		NYTCL-8270(14)
L2411917-10A	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2411917-10B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2411917-10C	Glass 120ml/4oz unpreserved	A	N/A	N/A	3.2	Y	Absent		NYTCL-8270(14)
L2411917-11A	Vial HCl preserved	B	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2411917-11B	Vial HCl preserved	B	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2411917-11C	Vial HCl preserved	B	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2411917-11D	Plastic 250ml HNO3 preserved	B	5	<2	3.6	N	Absent		BA-6020T(180),SE-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),CD-6020T(180),HG-T(28),AG-6020T(180)
L2411917-11E	Amber 250ml unpreserved	B	7	7	3.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2411917-11F	Amber 250ml unpreserved	B	7	7	3.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2411917-12A	Vial HCl preserved	B	NA		3.6	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: BALDWINSVILLE PHASE II
Project Number: 086821

Lab Number: L2411917
Report Date: 03/13/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2411917-12B	Vial HCl preserved	B	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2411917-12C	Vial HCl preserved	B	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2411917-12D	Plastic 250ml HNO3 preserved	B	<2	<2	3.6	Y	Absent		SE-6020T(180),BA-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28)
L2411917-12E	Amber 250ml unpreserved	B	7	7	3.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2411917-12F	Amber 250ml unpreserved	B	7	7	3.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2411917-13A	Vial HCl preserved	B	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2411917-13B	Vial HCl preserved	B	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2411917-13C	Vial HCl preserved	B	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2411917-13D	Plastic 250ml HNO3 preserved	B	<2	<2	3.6	Y	Absent		SE-6020T(180),BA-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28)
L2411917-13E	Amber 250ml unpreserved	B	7	7	3.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2411917-13F	Amber 250ml unpreserved	B	7	7	3.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2411917-14A	Vial HCl preserved	B	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2411917-14B	Vial HCl preserved	B	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2411917-14C	Vial HCl preserved	B	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2411917-14D	Plastic 250ml HNO3 preserved	B	<2	<2	3.6	Y	Absent		SE-6020T(180),BA-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),AG-6020T(180),HG-T(28),CD-6020T(180)
L2411917-14E	Amber 250ml unpreserved	B	7	7	3.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2411917-14F	Amber 250ml unpreserved	B	7	7	3.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2411917-15A	Vial HCl preserved	B	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2411917-15B	Vial HCl preserved	B	NA		3.6	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	BALDWINSVILLE PHASE II	**Lab Number:**	L2411917
Project Number:	086821	**Report Date:**	03/13/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	BALDWINSVILLE PHASE II	**Lab Number:**	L2411917
Project Number:	086821	**Report Date:**	03/13/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	BALDWINSVILLE PHASE II	**Lab Number:**	L2411917
Project Number:	086821	**Report Date:**	03/13/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	BALDWINSVILLE PHASE II	**Lab Number:**	L2411917
Project Number:	086821	**Report Date:**	03/13/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab: 3/6/24

ALPHA Job #: L2411917

Client Information
Client: CHA Consulting
Address: 300 S. State St
Syracuse, NY 13202
Phone: 315-257-7154
Fax:
Email: Smiller@chasolutions.com

Project Information
Project Name: Baldwinsville Phase II
Project Location: Baldwinsville, NY
Project #: 086821
(Use Project name as Project #) ☐
Project Manager: Sam Miller
ALPHAQuote #: 26029

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO # 08682102

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
cc dhodgers@chasolutions.com

Please specify Metals or TAL.

ANALYSIS
TCL VOCs 8260D
NYTCL SVOCs 8270E
Total Solids
RCRA 8 metals

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs 8260D	NYTCL SVOCs 8270E	Total Solids	RCRA 8 metals	Total Bottle
11917-01	Soil-001-20240305	3/5/24	9:35	S	AH	X	X	X	X	4
-02	Soil-002-20240305		9:55							
-03	Soil-003-20240305		10:25							
-04	Soil-004-20240305		11:10							
-05	Soil-006-20240305		12:30							
-06	Soil-007-20240305		12:45							
-07	Soil-008-20240305		13:25							
-08	Soil-009-20240305		13:55							
-09	Surf-001-20240305		14:30				X	X	X	3
-10	Surf-002-20240305		15:00				X	X	X	3

Container Type	V	A	P	A					
Preservative	A	A	A	A					

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	3/5/24 1800		3/5/24 1800
	3/5/24 1800		3/5/24 1800
	3/5/24 2300		3/6/24 0210

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

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NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page: 2 of 2

Date Rec'd in Lab: 3/6/24

ALPHA Job #: 2411917

Client Information
Client: CHA Consulting
Address: 300 S. State st
Syracuse, NY
Phone:
Fax:
Email: Smiller@chasolutions.com

Project Information
Project Name: Baldwinsville Phase II
Project Location: Baldwinsville, NY
Project #: 086821
(Use Project name as Project #)
Project Manager: Sam Miller
ALPHAQuote #: 26029

Turn-Around Time
Standard [X] Due Date:
Rush (only if pre approved) [ ] # of Days:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:
" ahodgens@chasolutions.com

Please specify Metals or TAL.

Deliverables
[ ] ASP-A [ ] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Regulatory Requirement
[ ] NY TOGS [X] NY Part 375
[ ] AWQ Standards [ ] NY CP-51
[ ] NY Restricted Use [ ] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Billing Information
[ ] Same as Client Info
PO # 08682102

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

ANALYSIS

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs 8260D	NYTCL SVOCs (+TI) 8270D	RCRA 8 Metals	Sample Specific Comments	Total Bottle
11977-11	TMW-001-20240305	3/5/24	1520	GW	AH	X	X	X		6
-12	TMW-002-20240305		1540							
-13	TMW-003-20240305		1605							
-14	TMW-004-20240305		1630							

Container Type: V A P
Preservative: B A C

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Andrew Hodgens	3/5/24 1800	[illegible]	3/5/24 1800
[illegible]	3/5/24 1800	[illegible]	3/5/24 1800
[illegible]	3/5/24 1800		3/6/24 0810

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)