



Limited Phase II Environmental Site Assessment

Location:

258 Main Street
Shandaken, New York

Prepared for:

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Town of Shandaken
P.O. Box 134
Shandaken, New York 12480

LaBella Project No. 2251247

April 22, 2025

Table of Contents

1.0	INTRODUCTION	1
1.1	Special Terms & Conditions	1
1.2	Limitations & Exceptions	1
1.3	Reliance	1
2.0	BACKGROUND.....	1
2.1	Site Description & Features	1
2.2	Physical Setting.....	1
2.3	Adjoining/Adjacent Property Use	1
2.4	Summary of Previous Study	2
3.0	FIELD ACTIVITIES.....	2
3.1	Ground Penetrating Radar Survey	2
3.2	Soil Borings.....	2
3.3	Temporary Groundwater Monitoring Wells.....	3
4.0	FINDINGS	4
4.1	Ground Penetrating Radar Survey Results.....	4
4.2	Site Geology and Hydrology	4
4.3	Field Screening Results	4
4.4	Laboratory Results.....	4
4.4.1	<i>Soil Laboratory Results.....</i>	<i>4</i>
4.4.2	<i>Groundwater Laboratory Results.....</i>	<i>5</i>
5.0	CONCLUSIONS	5
6.0	RECOMMENDATIONS.....	5
7.0	SIGNATURES OF ENVIRONMENTAL PROFESSIONALS	6

Figures Figure 1 – Site Location Map
 Figure 2 – Site Investigation Map

Appendices Appendix 1 – Soil Boring Logs
 Appendix 2 – Ground Penetrating Radar Survey Report
 Appendix 3 – Laboratory Report



1.0 INTRODUCTION

LaBella Associates, D.P.C. (LaBella) was contracted by the Town of Shandaken to perform a Limited Phase II Environmental Site Assessment (ESA) report for 258 Main Street, Shandaken, Ulster County, New York, hereinafter referred to as the “Site”.

1.1 *Special Terms & Conditions*

This Limited Phase II ESA was generally conducted in accordance with the scope of work outlined in the LaBella proposal dated January 23, 2025. Refer to Sections 3.2 and 3.3 for further information.

1.2 *Limitations & Exceptions*

Work associated with this Limited Phase II ESA was performed in accordance with generally accepted environmental engineering and environmental contracting practices for this region. LaBella makes no other warranty or representation, either expressed or implied, nor is one intended to be included as part of its services, proposals, contracts, or reports.

In addition, LaBella cannot provide guarantees, certifications, or warranties that the Site is or is not free of environmental impairment or other regulated solid wastes. The Town of Shandaken should be aware that the data and representative samples from any given soil boring or temporary groundwater monitoring well may represent conditions that apply only at that particular location, and such conditions may not necessarily apply to the Site as a whole.

1.3 *Reliance*

The Town of Shandaken and their respective affiliates and subsidiaries and all successors and assigns thereof, may rely upon the findings of this report and should be aware of the agreed upon Scope of Work and the limitations associated with this Scope of Work.

2.0 BACKGROUND

2.1 *Site Description & Features*

The Site consists of an individual parcel (4.46-2-20.100) totaling 1.33 acres located north of Main Street (**Figure 1**). The Site is currently vacant and is improved with various aboveground storage tanks (ASTs) that were closed in place and a loading rack associated with past fuel storage and distribution operations. Two small sheds, one identified as an electric shed and one formerly used as a small office, are also located onsite. A majority of the Site is characterized by gravel-covered and grassy areas. The surrounding properties consist of residential and commercial properties.

2.2 *Physical Setting*

The Site is located within a rural area. According to the 7.5-minute Shandaken, West Kill, Fleischmanns, and Seager, New York Quadrangle United States Geological Society (USGS) maps, the Site is generally level. The USGS map indicates that the nearest water body is an unnamed pond, located approximately 80 feet north/northeast of the Site. According to information obtained from the United States Department of Agriculture web soil survey, soils at the Site consist mainly of Valois, described as very bouldery soils.

2.3 *Adjoining/Adjacent Property Use*

The Site is bordered by the following properties.



Direction	Occupant (Address)
North	Vacant land and Birch Creek
East	Residential (254 & 256 Main Street)
South	Residential and Tanglewood Doors (260 Main Street)
West	Residential (264 Main Street) and Pine Hill Fire Department (265 Main Street)

2.4 Summary of Previous Study

LaBella completed a Phase I ESA report for the Site dated December 18, 2024. Based on the results of the Phase I ESA, the following Recognized Environmental Conditions (RECs) were identified with the Site.

- **REC 1:** The Site was improved with various ASTs and a loading rack area in 1985 associated with bulk oil storage and distribution operations, which occurred on-site until a recent vacancy. At the time of the site reconnaissance, an inactive fuel storage/loading rack area was observed on the northwestern portion of the Site. Associated ASTs include one (1) 100,000-gallon dyed diesel AST, four (4) 20,000-gallon fuel oil ASTs, and one (1) 275-gallon kerosene AST. All ASTs were out of use; labels indicated the 275-gallon AST had been closed on July 21, 2011 and the ASTs and loading rack were closed on May 27, 2014. Regulatory records indicated additional tanks were located onsite including two (2) ASTs that were installed in 1993 and closed in-place in 2014 and one (1) AST that was installed in 1993 and closed/removed in 2010. Based on the nature and duration of operations, there is the potential for the release of petroleum products to have occurred.
- **REC 2:** Grating was observed in the area of the ASTs that may be associated with wastewater discharges. A circular feature and two pipes were observed protruding from the ground on the southwestern portion of the Site, directly south of the AST/loading rack area.
- **REC 3:** The southwest adjacent property, at 260 Main Street, was historically utilized as a gasoline/service station from at least 1959 through 2001; associated parking and vehicle storage areas extended onto the Site during a portion of this time period. The Town of Shandaken Supervisor stated that there was the potential for underground storage tanks (USTs) from this former gas station to be located on the Site. Based on this information, there is the potential for USTs or impacts associated with the adjacent property to be present on the Site.

3.0 FIELD ACTIVITIES

3.1 Ground Penetrating Radar Survey

On February 5, 2025, Greenstar Environmental Solutions, LLC (Greenstar) conducted a ground penetrating radar (GPR) investigation at the Site. The goal of the investigation was to determine the presence and layout of subsurface utilities and to evaluate the subsurface of the Site for the presence of orphan underground storage tanks (USTs). A GPR antenna and receiver and a radio frequency line locator were used on the Site to characterize the subsurface conditions.

3.2 Soil Borings

Prior to the initiation of subsurface work, an underground utility stake-out, via UDig NY, was completed at the Site to locate utilities in the areas where the subsurface assessment would take place.



On March 7, 2025, six (6) soil borings, designated as SB-1 through SB-6, were advanced at the Site using a track-mounted Geoprobe® Systems Model 7822DT direct-push probe machine. The use of direct-push technology allows for rapid sampling, observation, and characterization of overburden soils. The Geoprobe utilizes a 5-foot MacroCore® sampler with disposable polyethylene sleeves. Soil cores are retrieved in 5-foot sections and can be easily cut from the polyethylene sleeves for observation. The MacroCore® sampler was decontaminated between boring locations using an Alconox and potable water solution.

Soil borings were advanced to a maximum depth of 20 feet (ft) below the ground surface (bgs) and were strategically placed to provide general Site coverage of subsurface conditions. Soil boring logs were completed for each soil boring and are included in **Appendix 1**. Soil boring locations are depicted on **Figure 2**.

Soils from the borings were continuously assessed for visible impairment, olfactory indications of impairment, and indication of detectable volatile organic compounds (VOCs) with a photoionization detector (PID). Select soil samples collected were placed in a cooler on ice and sent under standard chain of custody procedures to Phoenix Environmental Laboratories, Inc. (Phoenix) of Manchester, Connecticut. The following table outlines the soil laboratory analyses that were performed.

Sample ID	Sample Depth	Sample Location	Laboratory Analysis
SB-1	12.5' – 13.5'	REC 3, southern portion of the Site	VOCs via USEPA Method 8260 and CP-51 PAHs via USEPA 8270
SB-2	13' – 14.5'	Southern portion of the Site, south of the fenced area	
SB-3	9.5' – 11'	RECs 1 & 2, east of the ASTs	
SB-4	7.5' – 8.5'	Northwest portion of the Site	
SB-5	7.5' – 8.5'	REC 1, west of the ASTs	
SB-6	7.5' – 8.5'	REC 1, southwest of the ASTs	

3.3 Temporary Groundwater Monitoring Wells

On March 7, 2025, four (4) temporary groundwater monitoring wells were installed at the Site. To allow for the collection of grab groundwater samples, four (4) soil borings were converted into one-inch diameter polyvinyl chloride (PVC) monitoring wells. Monitoring wells MW-1, MW-2, MW-3, and MW-4 were installed at SB-1, SB-2, SB-3, and SB-4, respectively. Each temporary monitoring well was constructed with 10 ft of 0.010-slot, one-inch (I.D.) Schedule 40 PVC well screen attached to solid PVC riser piping. The temporary wells straddled the observed groundwater table. The locations of the temporary groundwater wells are depicted on **Figure 2**.

Groundwater was purged and sampled using dedicated bailers and submitted to Phoenix. The following table outlines the groundwater laboratory analyses that were performed.

Sample ID	Screened Interval	Associated Soil Boring	Laboratory Analysis
MW-1	10' – 20'	SB-1	VOCs via USEPA Method 8260 and CP-51 PAHs via USEPA 8270
MW-2	10' – 20'	SB-2	
MW-3	5' – 15'	SB-3	
MW-4	5' – 15'	SB-4	



4.0 FINDINGS

4.1 Ground Penetrating Radar Survey Results

Greenstar did not identify any USTs or metal detector anomalies (MDA) during the February 5, 2025 inspection. One (1) subsurface utility line was identified during the survey and was located approximately four (4) ft bgs. The utility line could potentially be connected to a water storage tank at the Site. A copy of the GPR survey report is included in **Appendix 2**.

4.2 Site Geology and Hydrology

Six (6) soil borings, designated SB-1 through SB-6, were advanced at the Site on March 7, 2025. The borings were advanced to 20 ft bgs, a minimum of five feet into the observed water table, or equipment refusal, whichever was less. Non-native material consisting of gravel was encountered at the Site in each of the soil borings to a maximum depth of 5.0 ft bgs. The soil borings suggest that native soils at the Site generally consists of silty gravel with sand that transitions to silt and clay at depths ranging between 7.5 ft bgs and 12.5 ft bgs. Soil boring logs are included in **Appendix 1** and the soil boring locations are shown on **Figure 2**.

During advancement of the borings, groundwater was encountered in each of the six (6) soil borings at depths ranging from 8 ft bgs to 13 ft bgs. Temporary monitoring well locations are shown on **Figure 2**.

4.3 Field Screening Results

No staining or olfactory evidence of impairment was observed in any of the soil borings advanced at the Site. No elevated PID readings, defined as greater than one (1.0) part per million (ppm), were noted in any of the soil borings advanced at the Site.

No visual evidence of impairment was observed in the groundwater purged and sampled from the temporary groundwater wells advanced at the Site.

4.4 Laboratory Results

4.4.1 Soil Laboratory Results

Soil samples were collected from SB-1 (12.5'–13.5'), SB-2 (13'–14.5'), SB-3 (9.5'–11'), SB-4 (7.5'–8.5'), SB-5 (7.5'–8.5'), and SB-6 (7.5'–8.5') and submitted for laboratory analysis of VOCs using USEPA Method 8260 and NYSDEC Commissioner's Policy 51 (CP-51) polycyclic aromatic hydrocarbons (PAHs) using USEPA Method 8270. Results were compared to New York State Department of Environmental Conservation (NYSDEC) Part 375 Commercial Use Soil Cleanup Objectives (SCOs) and NYSDEC CP-51 Soil Cleanup Guidance (SCG) standards.

VOCs:

VOCs were not detected in any of the soil samples collected from SB-1 through SB-6 at concentrations above laboratory method detection limits (MDLs), NYSDEC Part 375 Commercial Use SCOs, or NYSDEC CP-51 SCG standards.

SVOCs:

SVOCs were not detected in any of the soil samples collected from SB-1 through SB-6 at concentrations above laboratory MDLs, NYSDEC Part 375 Commercial Use SCOs, or NYSDEC CP-51 SCG standards.

A copy of the laboratory report is included in **Appendix 3**.



4.4.2 Groundwater Laboratory Results

Groundwater samples were collected from temporary monitoring wells MW-1, MW-2, MW-3, and MW-4 and submitted for laboratory analysis of VOCs using USEPA Method 8260 and CP-51 PAHs using USEPA Method 8270. Results were compared to the New York Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS).

VOCs:

VOCs were not detected in any of the four (4) groundwater samples at concentrations above laboratory MDLs or NYSDEC TOGS 1.1.1 AWQS.

SVOCs:

SVOCs were not detected in any of the four (4) groundwater samples at concentrations above laboratory MDLs or NYSDEC TOGS 1.1.1 AWQS.

A copy of the laboratory report is included in **Appendix 3**.

Prior to demobilizing from the Site, the temporary monitoring wells were removed, boreholes were backfilled with bentonite, and the surface was restored to match surrounding conditions.

5.0 CONCLUSIONS

LaBella Associates, D.P.C. (LaBella) was contracted by the Town of Shandaken to perform a Limited Phase II ESA for 258 Main Street, Shandaken, Ulster County, New York. The ESA consisted of the advancement of six (6) soil borings and the construction of four (4) temporary monitoring wells. Soil and groundwater samples were submitted for laboratory analysis of VOCs using USEPA Method 8260 and CP-51 PAHs using USEPA Method 8270. This ESA was performed to evaluate subsurface conditions based on the historical uses of the Site and to evaluate the presence of USTs and impacts related to the historical use of the southwest adjacent property.

Based on the analytical results, it does not appear that the historical and current use of the Site has impaired the subsurface of the Site. VOCs and PAHs were not detected in any of the soil samples at concentrations above laboratory MDLs, NYSDEC Commercial Use SCOs, or NYSDEC CP-51 SCG standards. VOCs and PAHs were not detected in any of the groundwater samples at concentrations above laboratory MDLs or NYSDEC TOGS 1.1.1 AWQS.

No petroleum odors, staining, or elevated PID readings were observed in the soils associated with SB-1 through SB-6 and no petroleum odors, sheens, or elevated PID readings were observed in the groundwater associated with MW-1 through MW-4. The temporary monitoring wells were removed and the borings were backfilled with bentonite and restored to match surrounding conditions.

6.0 RECOMMENDATIONS

Based on the conclusions presented above, no additional investigation is recommended at the Site.

A copy of all information collected during this assessment, including maps, notes, analytical data, and other material will be kept on file at the offices of LaBella Associates, D.P.C. This information is available upon the request.



7.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

We appreciate the opportunity to serve your professional environmental engineering needs. If you have any questions, please do not hesitate to contact us at 838-946-5114.

Sierra Vaverchak
Environmental Geologist

FIGURES

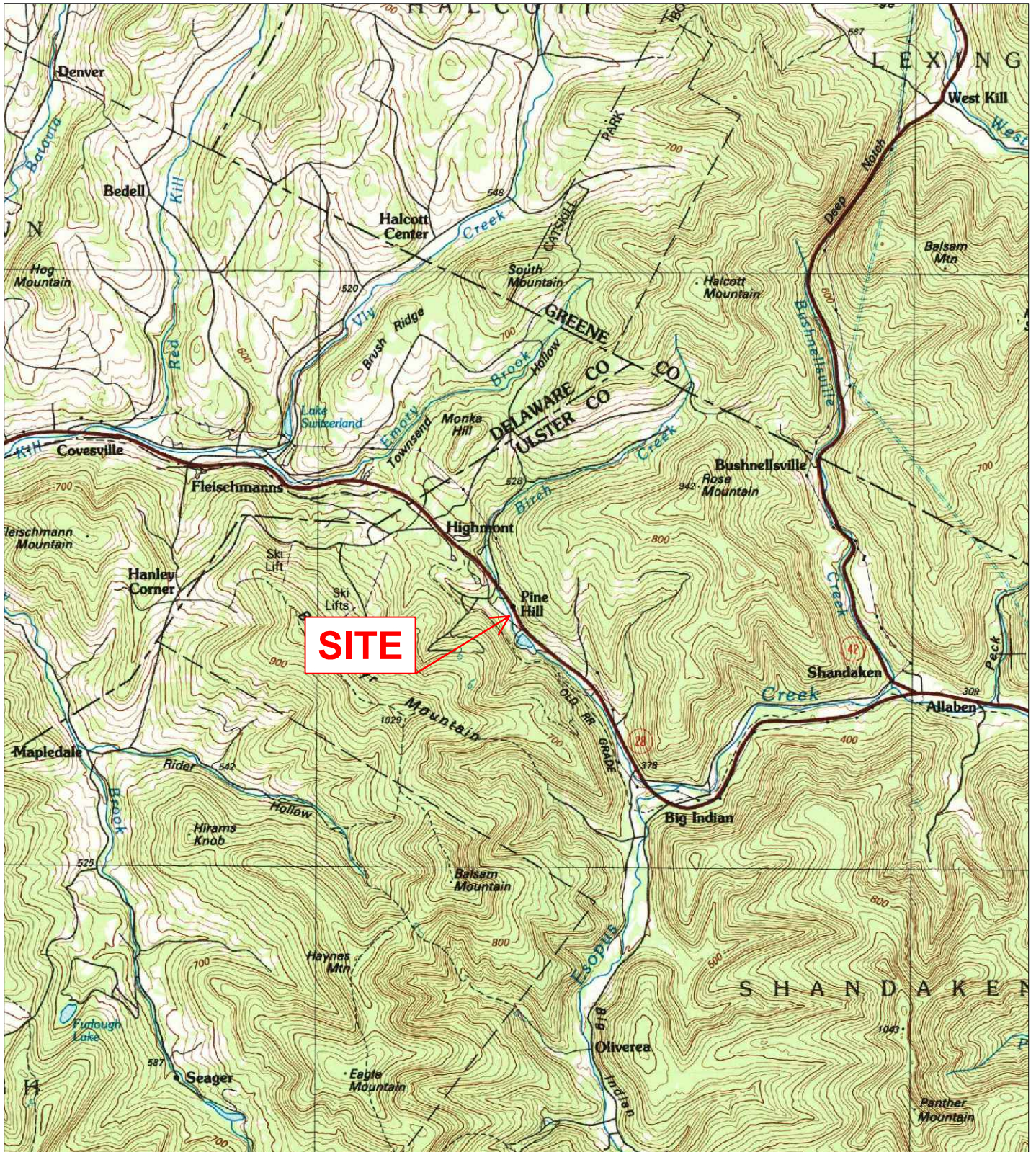


FIGURE 1 Site Location Map

Town of Shandaken
258 Main Street
Shandaken, New York

Date: March 7, 2025

Not To Scale



Legend

-  Approximate Soil Boring
-  Approximate Soil Boring & Temporary Groundwater Well



FIGURE 2 Site Investigation Map

Town of Shandaken
258 Main Street
Shandaken, New York



Date: March 7, 2025

0 30 60
Scale: 1" = 60' (approx)

APPENDIX 1

Soil Boring Logs

 LaBella Powered by partnership. 5 MCCREA HILL RD, BALLSTON SPA, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Phase II Environmental Site Assessment Town of Shandaken 258 Main St. Shandaken, NY			BORING: SB-1 SHEET 1 of 1 JOB: 2251247 CHKD BY: Casey Belden DATE: 3/11/2025		
CONTRACTOR: LaBella Associates			BORING LOCATION: 42.131333, -74.477361			TIME: 0945		
DRILLER: Bill J. (Core Down)			GROUND SURFACE ELEVATION: N/A			DATUM: N/A		
LABELLA REPRESENTATIVE: CB			START DATE: 3/7/25		END DATE: 3/7/25		WEATHER: Snowing, Windy, 31°	
TYPE OF DRILL RIG: Geoprobe 7822DT			DRIVE SAMPLER TYPE: Macro-Core					
AUGER SIZE AND TYPE: N/A			INSIDE DIAMETER: 1"					
OVERBURDEN SAMPLING METHOD: Direct Push			DEPTH TO BOTTOM: 20'					
DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS		
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)					
0	38/60	No. 1 0-5	1.4	(0') Silty Sand (SM); mostly fine-medium grained sand, fine gravel, some silt, clay, well-graded, medium dense,dry, light reddish-brown	0.00			
1			0.3	(1.4') Poorly graded GRAVEL with sand (GP); mostly fine-coarse grained gravel, little medium sand, loose, dry, light gray	0.00			
2					0.00		(1.7') Poorly graded SAND with silt (SP-SM); mostly fine-medium grained sand, fine-coarse gravel, little silt, trace clay, loose, dry, light reddish-brown	
3			1.6					
4				1.7	(3.3') Poorly graded GRAVEL with silt and sand (GP-GM); mostly fine-coarse grained gravel, some fine-coarse sand, few silt, loose, dry, light yellowish-gray		0.00	
5	29/60	No. 2 5-10	4	(5.0') Silty, Clayey GRAVEL (GC-GM); mostly fine-coarse grained gravel, fine sand, some silt, clay, poorly graded, loose, wet, light yellowish-brown	0.00			
6								
7								
8	60/60	No. 3 10-15	4	(9.0') SILT (ML); some fine sand, mostly silt, little clay, low plasticity, medium stiff, wet, dark brown	0.00			
9								
10								
11	38/60	No. 4 15-20	7	(13.0') Lean CLAY (CL); fine sand, little silt, mostly clay, medium plasticity, stiff, saturated, pale brown	0.00	Sample: SB-1 (12.5'-13.5')		
12								
13								
14								
15								
16								
17								
18								
19								
20								
WATER LEVEL DATA			DEPTH (FT)			NOTES:		
			BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED			
DATE	TIME	ELAPSED TIME						
-	-	-	20'	20'	~13'			
GENERAL NOTES								
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.								
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER								
BGS = Below Ground Surface and = 35 - 50% C = Coarse R = Rounded								
NA = Not Applicable some = 20 - 35% M = Medium A = Angular								
little = 10 - 20% F = Fine SR = Subrounded								
trace = 1 - 10% VF = Very Fine SA = Subangular								
						BORING: SB-1		

 LaBella Powered by partnership. 5 MCCREA HILL RD, BALLSTON SPA, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Phase II Environmental Site Assessment Town of Shandaken 258 Main St. Shandaken, NY			BORING: SB-2 SHEET 1 of 1 JOB: 2251247 CHKD BY: Casey Belden DATE: 3/11/2025	
CONTRACTOR: LaBella Associates DRILLER: Bill J. (Core Down) LABELLA REPRESENTATIVE: CB			BORING LOCATION: 42.131555, -74.477111 GROUND SURFACE ELEVATION: N/A START DATE: 3/7/25			TIME: 1030 DATUM: N/A WEATHER: Cloudy, Windy, 34°	
TYPE OF DRILL RIG: Geoprobe 7822DT AUGER SIZE AND TYPE: N/A OVERBURDEN SAMPLING METHOD: Direct Push			DRIVE SAMPLER TYPE: Macro-Core INSIDE DIAMETER: 1" DEPTH TO BOTTOM: 20'				
DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS	
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)				
0	14/60	No. 1 0-5	1.7	(0.0') Silty SAND with gravel (SM); mostly fine-medium grained sand, little fine-coarse gravel, little silt, poorly graded, loose, dry, dark reddish-brown	0.00		
1			1.3	(1.7') Silty GRAVEL with sand (GM); mostly fine-coarse grained gravel, some fine sand, little silt, poorly graded, loose, dry, light reddish-brown	0.00		
2							
3	2	(3.0') Silty GRAVEL with sand (GM); mostly fine-coarse grained gravel, little fine sand, little silt, poorly graded, loose, dry, pale yellowish-gray	0.00				
4							
5	28/60	No. 2 5-10	1.7	(5.0') Silty SAND with gravel (SM); mostly fine grained sand, little fine gravel, little silt, well-graded, medium dense, moist, dark reddish brown	0.00		
6			5.7	(6.7') Silty GRAVEL with sand (GM); mostly fine-coarse grained gravel, little fine sand, some silt, clay, poorly graded, loose, moist, light yellowish-brown	0.00		
7							
8	23/60	No. 3 10-15	5.7		0.00		
9							
10			5.8	(12.4') Sandy SILT (ML); fine sand, mostly silt, some clay, low plasticity, stiff, wet, dark reddish-brown	0.00		
11							
12	60/60	No. 4 15-20	5.8	(12.4') Sandy SILT (ML); fine sand, mostly silt, some clay, low plasticity, stiff, wet, dark reddish-brown	0.00		
13							
14			1.8	(18.2') Lean CLAY with sand (CL); fine sand, little silt, mostly clay, medium plasticity, stiff, wet, dark brown	0.00		
15							
16	1.8	(18.2') Lean CLAY with sand (CL); fine sand, little silt, mostly clay, medium plasticity, stiff, wet, dark brown	0.00				
17							
18	1.8	(18.2') Lean CLAY with sand (CL); fine sand, little silt, mostly clay, medium plasticity, stiff, wet, dark brown	0.00				
19							
20	1.8	(18.2') Lean CLAY with sand (CL); fine sand, little silt, mostly clay, medium plasticity, stiff, wet, dark brown	0.00				
			DEPTH (FT)		NOTES:		
WATER LEVEL DATA			BOTTOM OF	BOTTOM OF	GROUNDWATER		
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED		
-	-	-	20'	20'	~13'		
GENERAL NOTES							
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.							
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER							
BGS = Below Ground Surface and = 35 - 50% C = Coarse R = Rounded							
NA = Not Applicable some = 20 - 35% M = Medium A = Angular							
little = 10 - 20% F = Fine SR = Subrounded							
trace = 1 - 10% VF = Very Fine SA = Subangular							
						BORING: SB-2	

 LaBella Powered by partnership. 5 MCCREA HILL RD, BALLSTON SPA, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Phase II Environmental Site Assessment Town of Shandaken 258 Main St. Shandaken, NY				BORING: SB-3 SHEET 1 of 1 JOB: 2251247 CHKD BY: Casey Belden DATE: 3/11/2025	
CONTRACTOR: LaBella Associates			BORING LOCATION: 42.131805, -74.476916			TIME: 1315		
DRILLER: Bill J. (Core Down)			GROUND SURFACE ELEVATION: N/A			DATUM: N/A		
LABELLA REPRESENTATIVE: CB			START DATE: 3/7/25		END DATE: 3/7/25		WEATHER: Partly Cloudy, Windy, 41°	
TYPE OF DRILL RIG: Geoprobe 7822DT			DRIVE SAMPLER TYPE: Macro-Core					
AUGER SIZE AND TYPE: N/A			INSIDE DIAMETER: 1"					
OVERBURDEN SAMPLING METHOD: Direct Push			DEPTH TO BOTTOM: 15'					
DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS		
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)					
0	34/60	No. 1 0-5	0.5	(0.0') Silty GRAVEL with sand (GM); mostly fine-coarse grained gravel, little fine-medium sand, silt, very loose, dry, dark brown	0.00			
1			0.9	(0.5') Silty GRAVEL (GM); mostly fine-coarse grained gravel, fine sand, little silt, loose, dry, light reddish-gray	0.00			
			0.7		0.00			
			2	1.8	(1.4') Silty GRAVEL (GM); mostly fine-coarse grained gravel, fine sand, little silt, poorly graded, loose, dry, light yellowish gray		0.00	
3			(2.1') Silty SAND with gravel (SM); mostly fine grained sand, little fine-coarse gravel, little silt, poorly graded, medium dense, dry, light brown					
4	1.1	(3.9') Silty GRAVEL with sand (GM); mostly fine-coarse grained gravel, little fine sand, little silt, poorly graded, loose, dry, light reddish-gray	0.00					
5	28/60	No. 2 5-10	2.4	(5.0') Silty SAND with gravel (SM); mostly fine-medium grained sand, little fine gravel, little silt, clay, loose, dry, dark reddish-brown	0.00			
6				(7.4') Silty GRAVEL with sand (GM); mostly fine-coarse grained gravel, little fine sand, little silt, poorly graded, loose, dry, light reddish-gray				
7			0.9	(8.3') Silty SAND (SM); mostly fine grained sand, fine gravel, little silt, trace clay, poorly graded, medium dense, dry, dark brown	0.00			
8							1.2	(9.5') Poorly graded GRAVEL with silt (GP-GM); mostly fine-coarse grained gravel, fine sand, silt, loose, wet, dark brown
9			0.5					
10	30/60	No. 3 10-15	5	(10.0') Silty, Clayey SAND (SC-SM); mostly fine grained sand, little silt, some clay, medium dense, saturated, light reddish-brown	0.00	Sample: SB-3 (9.5'-11.0')		
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
			DEPTH (FT)			NOTES:		
WATER LEVEL DATA			BOTTOM OF	BOTTOM OF	GROUNDWATER			
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED			
-	-	-	15'	15'	~10'			
GENERAL NOTES								
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.								
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER								
BGS = Below Ground Surface		and = 35 - 50%		C = Coarse		R = Rounded		
NA = Not Applicable		some = 20 - 35%		M = Medium		A = Angular		
		little = 10 - 20%		F = Fine		SR = Subrounded		
		trace = 1 - 10%		VF = Very Fine		SA = Subangular		
						BORING: SB-3		



Phase II Environmental Site Assessment
Town of Shandaken
258 Main St. Shandaken, NY

BORING:	SB-4
SHEET	1 of 1
JOB:	2251247
CHKD BY:	Casey Belden
DATE:	3/11/2025

WEATHER: Partly Sunny, Windy, 38°

DEPTH TO BOTTOM: 15'

OVERBORDEN DRILLING METHOD: Direct Push							DEPTH TO BOTTOM: 15	
DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS		
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)					
0	35/60	No. 1 0-5	1	(0.0') Silty SAND with gravel (SM); mostly fine grained sand, little fine-coarse gravel, little silt, well-graded, loose, dry, dark reddish-brown	0.00			
1			0.7	(1.0') Poorly graded GRAVEL with sand (GP); mostly fine-coarse grained gravel, some fine-coarse sand, silt, very loose, dry, light gray	0.00			
			0.4		0.00			
2			0.3	(1.70') Poorly graded GRAVEL with sand (GP); mostly fine-coarse grained gravel, little fine-coarse sand, trace silt, very loose,dry, light yellowish-brown	0.00			
			0.4		0.00			
3			1.7	(2.1') Silty SAND (SM); mostly fine grained sand, little silt, well-graded, loose, dry, dark brown	0.00			
4	(2.4) Poorly graded GRAVEL with sand (GP); mostly fine-coarse grained gravel, little fine-coarse grained sand, silt, very loose, dry, light gray							
5	28/60	No. 2 5-10	3.3	(2.8') Silty GRAVEL with sand (GM); mostly fine-coarse grained gravel, some fine-medium sand, little silt, poorly graded, loose, dry, light reddish-brown	0.00			
6				(4.5') Silty SAND (SM); mostly fine grained sand, some coarse gravel, little silt, trace clay, well-graded, medium dense, dry, dark reddish brown				
7			1.5		(7.8') Silty SAND (SM); mostly fine-grained sand, some silt, little clay, well-graded, medium dense, moist, light brown		0.00	
8								
9	29/60	No. 3 10-15	5.7	(9.3') Lean Clay with sand (CL); little fine sand, little silt, mostly clay, medium plasticity, stiff, wet, light brown	0.00			
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

			DEPTH (FT)			NOTES:
WATER LEVEL DATA			BOTTOM OF	BOTTOM OF	GROUNDWATER	
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED	
-	-	-	15'	15'	~8'	

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED. FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface
NA = Not Applicable

- and = 35 - 50%
- some = 20 - 35%
- little = 10 - 20%
- trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

BORING: SB-4

 LaBella Powered by partnership. 5 MCCREA HILL RD, BALLSTON SPA, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Phase II Environmental Site Assessment Town of Shandaken 258 Main St. Shandaken, NY			BORING: SB-5 SHEET 1 of 1 JOB: 2251247 CHKD BY: Casey Belden DATE: 3/11/2025		
CONTRACTOR: LaBella Associates			BORING LOCATION: 42.131944, -74.477138			TIME: 1210		
DRILLER: Bill J. (Core Down)			GROUND SURFACE ELEVATION: N/A			DATUM: N/A		
LABELLA REPRESENTATIVE: CB			START DATE: 3/7/25		END DATE: 3/7/25		WEATHER: Partly Cloudy, Windy, 39°	
TYPE OF DRILL RIG: Geoprobe 7822DT			DRIVE SAMPLER TYPE: Macro-Core					
AUGER SIZE AND TYPE: N/A			INSIDE DIAMETER: 1"					
OVERBURDEN SAMPLING METHOD: Direct Push			DEPTH TO BOTTOM: 15'					
DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS		
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)					
0	28/60	No. 1 0-5	1.7	(0.0') Silty SAND (SM); mostly fine grained sand, fine gravel, little silt, trace clay, well-graded, loose, dry, dark reddish-brown	0.00			
1			1.3	(1.7') Silty GRAVEL with sand (GM); mostly fine-coarse grained gravel, little fine-medium sand, little silt, poorly graded, very loose, dry, pale yellowish-brown	0.00			
2				(3.0') Silty SAND with gravel (SM); mostly fine grained sand, little fine-coarse gravel, silt, poorly graded, medium dense, dry, dark reddish-brown	0.00			
3				(3.7') Silty GRAVEL with sand (GM); mostly fine-coarse grained gravel, little fine sand, little silt, poorly graded, very loose, dry, pale yellowish-brown	0.00			
4	37/60	No. 2 5-10	1.3	(5.0') Silty SAND with gravel (SM); mostly fine-medium grained sand, little fine-coarse gravel, little silt, poorly graded, medium dense, dry, pale yellowish-brown	0.00	Sample: SB-5 (7.5'-8.5')		
5			2.1	(7.1') Silty GRAVEL with sand (GM); mostly fine-coarse grained gravel, little fine sand, little silt, poorly graded, very loose, dry, pale gray	0.00			
6				(7.4') Silty SAND (SM); mostly fine grained sand, fine gravel, little silt, clay, well graded, medium dense, slightly moist, light greenish-brown	0.00			
7				7.3	(7.7') sandy SILT (ML); little fine sand, mostly silt, little clay, low plasticity, stiff, wet, light reddish-brown		0.00	
8	36/60	No. 3 10-15						
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
			DEPTH (FT)			NOTES:		
WATER LEVEL DATA			BOTTOM OF	BOTTOM OF	GROUNDWATER			
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED			
-	-	-	-	15'	~13'			
GENERAL NOTES								
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.								
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER								
BGS = Below Ground Surface		and = 35 - 50%		C = Coarse		R = Rounded		
NA = Not Applicable		some = 20 - 35%		M = Medium		A = Angular		
		little = 10 - 20%		F = Fine		SR = Subrounded		
		trace = 1 - 10%		VF = Very Fine		SA = Subangular		
						BORING: SB-5		

LaBella Powered by partnership. 5 MCCREA HILL RD, BALLSTON SPA, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Phase II Environmental Site Assessment Town of Shandaken 258 Main St. Shandaken, NY			BORING: SB-6 SHEET 1 of 1 JOB: 2251247 CHKD BY: Casey Belden DATE: 3/11/2025		
CONTRACTOR: LaBella Associates			BORING LOCATION: 42.131805, -74.477194			TIME: 1250		
DRILLER: Bill J. (Core Down)			GROUND SURFACE ELEVATION: N/A			DATUM: N/A		
LABELLA REPRESENTATIVE: CB			START DATE: 3/7/25		END DATE: 3/7/25		WEATHER: Partly Cloudy, Windy, 43°	
TYPE OF DRILL RIG: Geoprobe 7822DT			DRIVE SAMPLER TYPE: Macro-Core					
AUGER SIZE AND TYPE: N/A			INSIDE DIAMETER: 1"					
OVERBURDEN SAMPLING METHOD: Direct Push			DEPTH TO BOTTOM: 15'					
DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS		
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)					
0	36/60	No. 1 0-5	0.7	(0.0') Silty SAND with gravel (SM); mostly fine-medium grained sand, little fine-coarse gravel, little silt, poorly graded, loose, dry, dark brown	0.00			
1			0.8	(0.7') Silty SAND with gravel (SM); mostly fine-medium grained sand, little fine-coarse gravel, little silt, poorly graded, loose, dry, dark reddish-brown	0.00			
2			2.8	(1.5') Silty GRAVEL with sand (GM); mostly fine-coarse grained gravel, little fine sand, little silt, poorly graded, loose, dry, pale yellowish-gray	0.00			
3								
4	32/60	No. 2 5-10	3.2	(4.3') Silty SAND with gravel (SM); mostly fine-medium grained sand, little fine-coarse gravel, little silt, poorly graded, medium dense, dry, light yellowish-brown	0.00			
5								
6			1.1	(7.5') Silty SAND (SM); mostly fine-grained sand, some silt, little clay, well-graded, medium dense, moist, light brown	0.00	Sample: SB-6 (7.5'-8.5')		
7								
8	34/60	No. 3 10-15	7.5	(8.6') Silty, Clayey SAND (SC-SM); mostly fine grained sand, little silt, some clay, medium dense, saturated, light reddish-brown	0.00			
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
			DEPTH (FT)			NOTES:		
WATER LEVEL DATA			BOTTOM OF	BOTTOM OF	GROUNDWATER			
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED			
-	-	-	-	15'	~8'			
GENERAL NOTES								
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.								
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER								
BGS = Below Ground Surface		and = 35 - 50%		C = Coarse		R = Rounded		
NA = Not Applicable		some = 20 - 35%		M = Medium		A = Angular		
		little = 10 - 20%		F = Fine		SR = Subrounded		
		trace = 1 - 10%		VF = Very Fine		SA = Subangular		
						BORING: SB-6		

APPENDIX 2

Ground Penetrating Radar Survey Report

February 6, 2025

Sierra Vaverchak
LaBella Associates
5 McCrea Hill Road
Ballston Spa, NY 12020

RE: Geophysical Survey, 258 Main Street, Shandaken, New York

Dear Ms. Vaverchak:

Greenstar Environmental Solutions, LLC (Greenstar) is pleased to present this letter report summarizing the ground penetrating radar (GPR) and Electromagnetic (EM) survey at 258 Main Street, Shandaken, New York.

SITE AND PROJECT DESCRIPTION

Greenstar Environmental Solutions LLC (Greenstar) was contracted by LaBella Associates (LaBella) to conduct a geophysical survey at 258 Main Street, Shandaken, New York (subject property). The survey was completed on February 5, 2025 by Greenstar staff overseen by LaBella staff. The objective of the survey was to assess if Underground Storage Tanks (USTs) and associated piping may be present within the work area.

The GPR survey was completed using a GSSI 350 mHz antenna and receiver. GPR surveying is a nonintrusive, subsurface geophysical investigation technique that detects subsurface structures by transmitting electromagnetic waves from an antenna into the ground. The antenna then monitors the strength and time delay of the return signal. The return signal is then evaluated for any anomalies, which by their size, shape and orientation can be interpreted as voids, underground storage tanks, utility pipelines, soil-bedrock interface or areas of different sediment compaction. A radio frequency (RF) line locator was also used to identify subsurface utility lines based on the presence of 120 hertz signal (electric) and transmitted signals from the RF transmitter.

RESULTS

Former Gas Station Work Area – The property was scanned with GPR and no evidence of USTs were found. Approximately 2 to 4 inches of snow was present across the work area during the survey which may have diminished the effectiveness of the GPR scanning. In addition to scanning with GPR a magnetometer was used which can detect metal objects to a depth of approximately 10 ft below ground surface. There were no USTs identified with the magnetometer. One subsurface utility line was identified during the scan which was approximately four feet below ground surface and was potentially connected to a water storage tank at the property. The line was marked in paint and reviewed in the field with LaBella staff. Approximate utility locations are shown in Figure 1.

Thank you for allowing Greenstar to assist LaBella with this project. If you have any questions, please do not hesitate to contact me at (917) 655-5123 or via email at pnimmer@greenstarsolutions.com.

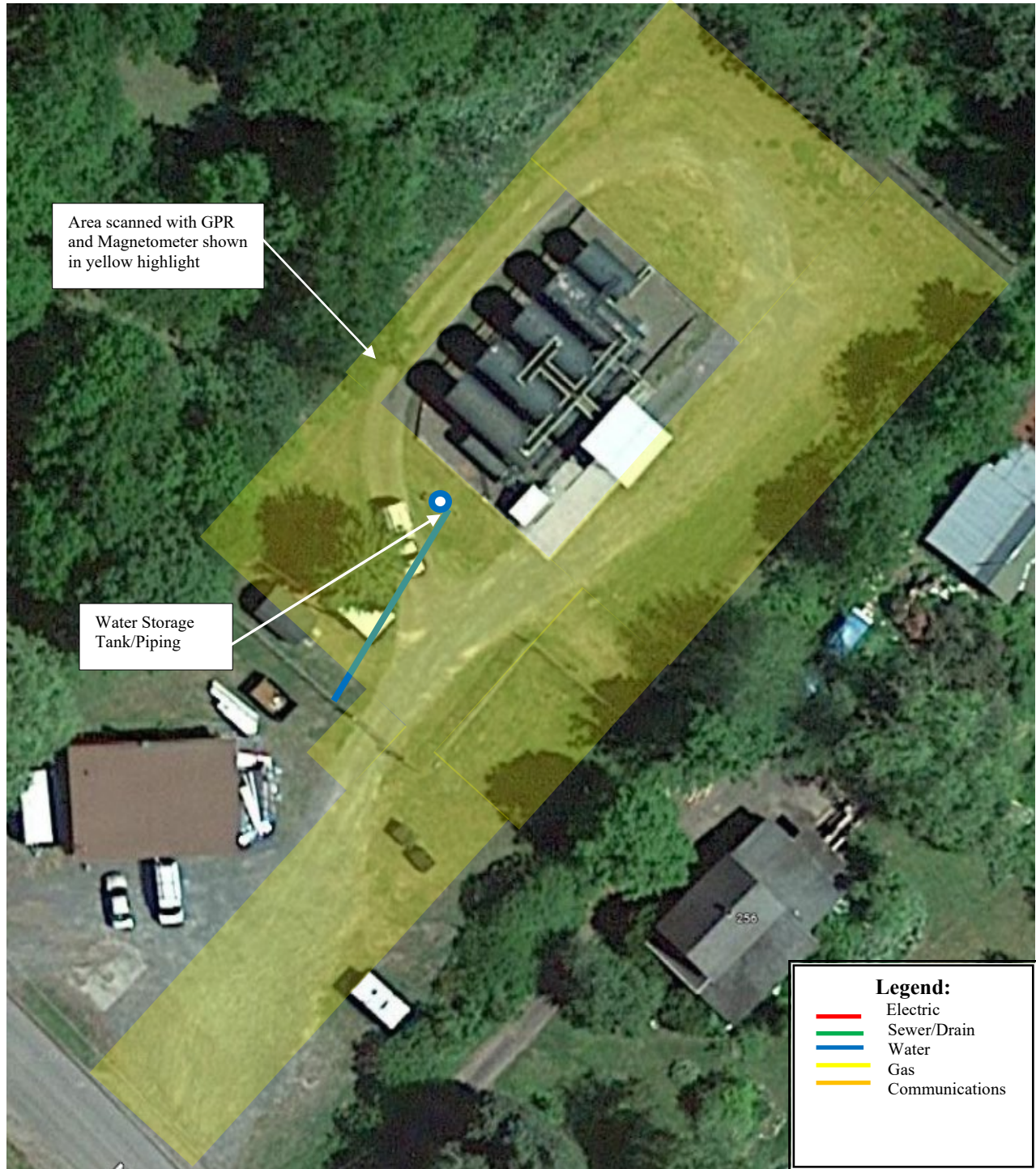
Sincerely,

GREENSTAR ENVIRONMENTAL SOLUTIONS, LLC

Pete Nimmer

Pete Nimmer, PG, LSRP
Senior Geologist

Figure 1
Approximate Utility Locations
Former Gas Station Work Area
258 Main Street, Shandaken, New York



APPENDIX 3

Laboratory Reports



Thursday, March 20, 2025

Attn: Sierra Vaverchak
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Project ID: TOWN OF SHANDAKEN 285 MAIN ST.
SDG ID: GCS76541
Sample ID#s: CS76541 - CS76550

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Sample Id Cross Reference

March 20, 2025

SDG I.D.: GCS76541

Project ID: TOWN OF SHANDAKEN 285 MAIN ST.

Client Id	Lab Id	Matrix	Col Date
SB-1	CS76541	SOIL	03/07/25 9:50
SB-2	CS76542	SOIL	03/07/25 10:20
SB-3	CS76543	SOIL	03/07/25 13:55
SB-4	CS76544	SOIL	03/07/25 11:50
SB-5	CS76545	SOIL	03/07/25 12:35
SB-6	CS76546	SOIL	03/07/25 13:15
MW-1	CS76547	GROUND WATER	03/07/25 14:53
MW-2	CS76548	GROUND WATER	03/07/25 15:15
MW-3	CS76549	GROUND WATER	03/07/25 15:35
MW-4	CS76550	GROUND WATER	03/07/25 16:00



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

March 20, 2025

FOR: Attn: Sierra Vaverchak
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: 2251247

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date

03/07/25
03/10/25

Time

9:50
17:08

Laboratory Data

SDG ID: GCS76541
Phoenix ID: CS76541

Project ID: TOWN OF SHANDAKEN 285 MAIN ST.
Client ID: SB-1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	76		%		03/10/25	CV	SW846-%Solid
Field Extraction	Completed				03/07/25		SW5035A
Soil Extraction for SVOA PAH	Completed				03/13/25	X/Q	SW3546

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
1,1-Dichloroethane	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
1,1-Dichloroethene	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
1,1-Dichloropropene	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
1,2-Dibromoethane	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
1,2-Dichloroethane	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
1,2-Dichloropropane	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
1,3-Dichloropropane	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
2,2-Dichloropropane	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
2-Chlorotoluene	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2-Hexanone	ND	27	ug/Kg	1	03/11/25	JLI	SW8260D
2-Isopropyltoluene	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
4-Chlorotoluene	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	27	ug/Kg	1	03/11/25	JLI	SW8260D
Acetone	ND	27	ug/Kg	1	03/11/25	JLI	SW8260D
Acrylonitrile	ND	11	ug/Kg	1	03/11/25	JLI	SW8260D
Benzene	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
Bromobenzene	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
Bromochloromethane	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
Bromodichloromethane	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
Bromoform	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
Bromomethane	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
Carbon Disulfide	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
Carbon tetrachloride	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
Chlorobenzene	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
Chloroethane	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
Chloroform	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
Chloromethane	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
Dibromochloromethane	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
Dibromomethane	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
Dichlorodifluoromethane	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
Ethylbenzene	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
Hexachlorobutadiene	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
Isopropylbenzene	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
m&p-Xylene	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	27	ug/Kg	1	03/11/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	03/11/25	JLI	SW8260D
Methylene chloride	ND	11	ug/Kg	1	03/11/25	JLI	SW8260D
Naphthalene	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
n-Butylbenzene	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
n-Propylbenzene	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
o-Xylene	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
sec-Butylbenzene	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
Styrene	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
tert-Butylbenzene	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
Tetrachloroethene	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	03/11/25	JLI	SW8260D
Toluene	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
Total Xylenes	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	03/11/25	JLI	SW8260D
Trichloroethene	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D
Vinyl chloride	ND	5.5	ug/Kg	1	03/11/25	JLI	SW8260D

1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	104		%	1	03/11/25	JLI	70 - 130 %
% Bromofluorobenzene	95		%	1	03/11/25	JLI	70 - 130 %
% Dibromofluoromethane	91		%	1	03/11/25	JLI	70 - 130 %
% Toluene-d8	99		%	1	03/11/25	JLI	70 - 130 %
<u>Semivolatiles-STARs/CP-51</u>							
Acenaphthene	ND	300	ug/Kg	1	03/14/25	MR	SW8270E
Acenaphthylene	ND	300	ug/Kg	1	03/14/25	MR	SW8270E
Anthracene	ND	300	ug/Kg	1	03/14/25	MR	SW8270E
Benz(a)anthracene	ND	300	ug/Kg	1	03/14/25	MR	SW8270E
Benzo(a)pyrene	ND	300	ug/Kg	1	03/14/25	MR	SW8270E
Benzo(b)fluoranthene	ND	300	ug/Kg	1	03/14/25	MR	SW8270E
Benzo(ghi)perylene	ND	300	ug/Kg	1	03/14/25	MR	SW8270E
Benzo(k)fluoranthene	ND	300	ug/Kg	1	03/14/25	MR	SW8270E
Chrysene	ND	300	ug/Kg	1	03/14/25	MR	SW8270E
Dibenz(a,h)anthracene	ND	300	ug/Kg	1	03/14/25	MR	SW8270E
Fluoranthene	ND	300	ug/Kg	1	03/14/25	MR	SW8270E
Fluorene	ND	300	ug/Kg	1	03/14/25	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	300	ug/Kg	1	03/14/25	MR	SW8270E
Naphthalene	ND	300	ug/Kg	1	03/14/25	MR	SW8270E
Phenanthrene	ND	300	ug/Kg	1	03/14/25	MR	SW8270E
Pyrene	ND	300	ug/Kg	1	03/14/25	MR	SW8270E
<u>QA/QC Surrogates</u>							
% 2-Fluorobiphenyl	54		%	1	03/14/25	MR	30 - 130 %
% Nitrobenzene-d5	60		%	1	03/14/25	MR	30 - 130 %
% Terphenyl-d14	55		%	1	03/14/25	MR	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

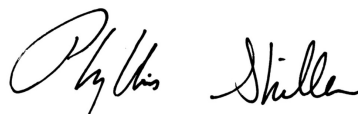
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

March 20, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

March 20, 2025

FOR: Attn: Sierra Vaverchak
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: 2251247

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date

03/07/25
03/10/25

Time

10:20
17:08

Laboratory Data

SDG ID: GCS76541
Phoenix ID: CS76542

Project ID: TOWN OF SHANDAKEN 285 MAIN ST.
Client ID: SB-2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	74		%		03/10/25	CV	SW846-%Solid
Field Extraction	Completed				03/07/25		SW5035A
Soil Extraction for SVOA PAH	Completed				03/13/25	X/Q	SW3546

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,1-Dichloroethane	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,1-Dichloroethene	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,1-Dichloropropene	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,2-Dibromoethane	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,2-Dichloroethane	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,2-Dichloropropane	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,3-Dichloropropane	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
2,2-Dichloropropane	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
2-Chlorotoluene	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2-Hexanone	ND	29	ug/Kg	1	03/11/25	JLI	SW8260D
2-Isopropyltoluene	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
4-Chlorotoluene	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	29	ug/Kg	1	03/11/25	JLI	SW8260D
Acetone	ND	29	ug/Kg	1	03/11/25	JLI	SW8260D
Acrylonitrile	ND	12	ug/Kg	1	03/11/25	JLI	SW8260D
Benzene	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
Bromobenzene	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
Bromochloromethane	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
Bromodichloromethane	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
Bromoform	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
Bromomethane	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
Carbon Disulfide	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
Carbon tetrachloride	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
Chlorobenzene	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
Chloroethane	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
Chloroform	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
Chloromethane	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
Dibromochloromethane	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
Dibromomethane	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
Dichlorodifluoromethane	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
Ethylbenzene	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
Hexachlorobutadiene	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
Isopropylbenzene	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
m&p-Xylene	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	29	ug/Kg	1	03/11/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	1	03/11/25	JLI	SW8260D
Methylene chloride	ND	12	ug/Kg	1	03/11/25	JLI	SW8260D
Naphthalene	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
n-Butylbenzene	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
n-Propylbenzene	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
o-Xylene	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
sec-Butylbenzene	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
Styrene	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
tert-Butylbenzene	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
Tetrachloroethene	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	12	ug/Kg	1	03/11/25	JLI	SW8260D
Toluene	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
Total Xylenes	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	1	03/11/25	JLI	SW8260D
Trichloroethene	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D
Vinyl chloride	ND	5.9	ug/Kg	1	03/11/25	JLI	SW8260D

1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	104		%	1	03/11/25	JLI	70 - 130 %
% Bromofluorobenzene	96		%	1	03/11/25	JLI	70 - 130 %
% Dibromofluoromethane	91		%	1	03/11/25	JLI	70 - 130 %
% Toluene-d8	97		%	1	03/11/25	JLI	70 - 130 %
<u>Semivolatiles-STARs/CP-51</u>							
Acenaphthene	ND	310	ug/Kg	1	03/14/25	MR	SW8270E
Acenaphthylene	ND	310	ug/Kg	1	03/14/25	MR	SW8270E
Anthracene	ND	310	ug/Kg	1	03/14/25	MR	SW8270E
Benz(a)anthracene	ND	310	ug/Kg	1	03/14/25	MR	SW8270E
Benzo(a)pyrene	ND	310	ug/Kg	1	03/14/25	MR	SW8270E
Benzo(b)fluoranthene	ND	310	ug/Kg	1	03/14/25	MR	SW8270E
Benzo(ghi)perylene	ND	310	ug/Kg	1	03/14/25	MR	SW8270E
Benzo(k)fluoranthene	ND	310	ug/Kg	1	03/14/25	MR	SW8270E
Chrysene	ND	310	ug/Kg	1	03/14/25	MR	SW8270E
Dibenz(a,h)anthracene	ND	310	ug/Kg	1	03/14/25	MR	SW8270E
Fluoranthene	ND	310	ug/Kg	1	03/14/25	MR	SW8270E
Fluorene	ND	310	ug/Kg	1	03/14/25	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	310	ug/Kg	1	03/14/25	MR	SW8270E
Naphthalene	ND	310	ug/Kg	1	03/14/25	MR	SW8270E
Phenanthrene	ND	310	ug/Kg	1	03/14/25	MR	SW8270E
Pyrene	ND	310	ug/Kg	1	03/14/25	MR	SW8270E
<u>QA/QC Surrogates</u>							
% 2-Fluorobiphenyl	38		%	1	03/14/25	MR	30 - 130 %
% Nitrobenzene-d5	41		%	1	03/14/25	MR	30 - 130 %
% Terphenyl-d14	39		%	1	03/14/25	MR	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

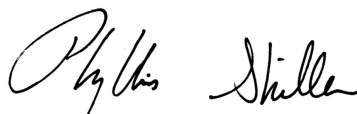
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director

March 20, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

March 20, 2025

FOR: Attn: Sierra Vaverchak
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: 2251247

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date Time
03/07/25 13:55
03/10/25 17:08

Laboratory Data

SDG ID: GCS76541
Phoenix ID: CS76543

Project ID: TOWN OF SHANDAKEN 285 MAIN ST.
Client ID: SB-3

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	72		%		03/10/25	CV	SW846-%Solid
Field Extraction	Completed				03/07/25		SW5035A
Soil Extraction for SVOA PAH	Completed				03/13/25	X/Q	SW3546

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
1,1-Dichloroethane	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
1,1-Dichloroethene	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
1,1-Dichloropropene	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
1,2-Dibromoethane	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
1,2-Dichloroethane	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
1,2-Dichloropropane	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
1,3-Dichloropropane	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
2,2-Dichloropropane	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
2-Chlorotoluene	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2-Hexanone	ND	28	ug/Kg	1	03/11/25	JLI	SW8260D
2-Isopropyltoluene	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
4-Chlorotoluene	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	28	ug/Kg	1	03/11/25	JLI	SW8260D
Acetone	ND	28	ug/Kg	1	03/11/25	JLI	SW8260D
Acrylonitrile	ND	11	ug/Kg	1	03/11/25	JLI	SW8260D
Benzene	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
Bromobenzene	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
Bromochloromethane	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
Bromodichloromethane	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
Bromoform	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
Bromomethane	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
Carbon Disulfide	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
Carbon tetrachloride	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
Chlorobenzene	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
Chloroethane	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
Chloroform	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
Chloromethane	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
Dibromochloromethane	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
Dibromomethane	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
Dichlorodifluoromethane	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
Ethylbenzene	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
Hexachlorobutadiene	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
Isopropylbenzene	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
m&p-Xylene	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	28	ug/Kg	1	03/11/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	03/11/25	JLI	SW8260D
Methylene chloride	ND	11	ug/Kg	1	03/11/25	JLI	SW8260D
Naphthalene	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
n-Butylbenzene	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
n-Propylbenzene	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
o-Xylene	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
sec-Butylbenzene	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
Styrene	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
tert-Butylbenzene	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
Tetrachloroethene	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	03/11/25	JLI	SW8260D
Toluene	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
Total Xylenes	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	03/11/25	JLI	SW8260D
Trichloroethene	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D
Vinyl chloride	ND	5.7	ug/Kg	1	03/11/25	JLI	SW8260D

1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	103		%	1	03/11/25	JLI	70 - 130 %
% Bromofluorobenzene	97		%	1	03/11/25	JLI	70 - 130 %
% Dibromofluoromethane	88		%	1	03/11/25	JLI	70 - 130 %
% Toluene-d8	99		%	1	03/11/25	JLI	70 - 130 %
<u>Semivolatiles-STARs/CP-51</u>							
Acenaphthene	ND	320	ug/Kg	1	03/14/25	MR	SW8270E
Acenaphthylene	ND	320	ug/Kg	1	03/14/25	MR	SW8270E
Anthracene	ND	320	ug/Kg	1	03/14/25	MR	SW8270E
Benz(a)anthracene	ND	320	ug/Kg	1	03/14/25	MR	SW8270E
Benzo(a)pyrene	ND	320	ug/Kg	1	03/14/25	MR	SW8270E
Benzo(b)fluoranthene	ND	320	ug/Kg	1	03/14/25	MR	SW8270E
Benzo(ghi)perylene	ND	320	ug/Kg	1	03/14/25	MR	SW8270E
Benzo(k)fluoranthene	ND	320	ug/Kg	1	03/14/25	MR	SW8270E
Chrysene	ND	320	ug/Kg	1	03/14/25	MR	SW8270E
Dibenz(a,h)anthracene	ND	320	ug/Kg	1	03/14/25	MR	SW8270E
Fluoranthene	ND	320	ug/Kg	1	03/14/25	MR	SW8270E
Fluorene	ND	320	ug/Kg	1	03/14/25	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	320	ug/Kg	1	03/14/25	MR	SW8270E
Naphthalene	ND	320	ug/Kg	1	03/14/25	MR	SW8270E
Phenanthrene	ND	320	ug/Kg	1	03/14/25	MR	SW8270E
Pyrene	ND	320	ug/Kg	1	03/14/25	MR	SW8270E
<u>QA/QC Surrogates</u>							
% 2-Fluorobiphenyl	51		%	1	03/14/25	MR	30 - 130 %
% Nitrobenzene-d5	55		%	1	03/14/25	MR	30 - 130 %
% Terphenyl-d14	51		%	1	03/14/25	MR	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

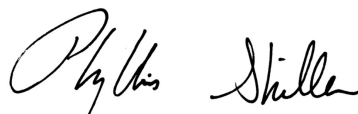
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

March 20, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

March 20, 2025

FOR: Attn: Sierra Vaverchak
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: 2251247

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date

03/07/25
03/10/25

Time

11:50
17:08

Laboratory Data

SDG ID: GCS76541
Phoenix ID: CS76544

Project ID: TOWN OF SHANDAKEN 285 MAIN ST.
Client ID: SB-4

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	81		%		03/10/25	CV	SW846-%Solid
Field Extraction	Completed				03/07/25		SW5035A
Soil Extraction for SVOA PAH	Completed				03/13/25	X/Q	SW3546

Volatiles

1,1,1,2-Tetrachloroethane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,1,1-Trichloroethane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,1-Dichloroethane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,1-Dichloroethene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,1-Dichloropropene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,2,3-Trichloropropane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,2-Dibromoethane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,2-Dichloroethane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,2-Dichloropropane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,3-Dichloropropane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
2,2-Dichloropropane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
2-Chlorotoluene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2-Hexanone	ND	24	ug/Kg	1	03/11/25	JLI	SW8260D
2-Isopropyltoluene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
4-Chlorotoluene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	24	ug/Kg	1	03/11/25	JLI	SW8260D
Acetone	ND	24	ug/Kg	1	03/11/25	JLI	SW8260D
Acrylonitrile	ND	9.8	ug/Kg	1	03/11/25	JLI	SW8260D
Benzene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Bromobenzene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Bromochloromethane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Bromodichloromethane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Bromoform	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Bromomethane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Carbon Disulfide	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Carbon tetrachloride	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Chlorobenzene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Chloroethane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Chloroform	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Chloromethane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Dibromochloromethane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Dibromomethane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Dichlorodifluoromethane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Ethylbenzene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Hexachlorobutadiene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Isopropylbenzene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
m&p-Xylene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	24	ug/Kg	1	03/11/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	9.8	ug/Kg	1	03/11/25	JLI	SW8260D
Methylene chloride	ND	9.8	ug/Kg	1	03/11/25	JLI	SW8260D
Naphthalene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
n-Butylbenzene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
n-Propylbenzene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
o-Xylene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
p-Isopropyltoluene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
sec-Butylbenzene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Styrene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
tert-Butylbenzene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Tetrachloroethene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	9.8	ug/Kg	1	03/11/25	JLI	SW8260D
Toluene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Total Xylenes	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	9.8	ug/Kg	1	03/11/25	JLI	SW8260D
Trichloroethene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Trichlorofluoromethane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Vinyl chloride	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D

1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	104		%	1	03/11/25	JLI	70 - 130 %
% Bromofluorobenzene	96		%	1	03/11/25	JLI	70 - 130 %
% Dibromofluoromethane	90		%	1	03/11/25	JLI	70 - 130 %
% Toluene-d8	99		%	1	03/11/25	JLI	70 - 130 %
<u>Semivolatiles-STARs/CP-51</u>							
Acenaphthene	ND	280	ug/Kg	1	03/14/25	MR	SW8270E
Acenaphthylene	ND	280	ug/Kg	1	03/14/25	MR	SW8270E
Anthracene	ND	280	ug/Kg	1	03/14/25	MR	SW8270E
Benz(a)anthracene	ND	280	ug/Kg	1	03/14/25	MR	SW8270E
Benzo(a)pyrene	ND	280	ug/Kg	1	03/14/25	MR	SW8270E
Benzo(b)fluoranthene	ND	280	ug/Kg	1	03/14/25	MR	SW8270E
Benzo(ghi)perylene	ND	280	ug/Kg	1	03/14/25	MR	SW8270E
Benzo(k)fluoranthene	ND	280	ug/Kg	1	03/14/25	MR	SW8270E
Chrysene	ND	280	ug/Kg	1	03/14/25	MR	SW8270E
Dibenz(a,h)anthracene	ND	280	ug/Kg	1	03/14/25	MR	SW8270E
Fluoranthene	ND	280	ug/Kg	1	03/14/25	MR	SW8270E
Fluorene	ND	280	ug/Kg	1	03/14/25	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	280	ug/Kg	1	03/14/25	MR	SW8270E
Naphthalene	ND	280	ug/Kg	1	03/14/25	MR	SW8270E
Phenanthrene	ND	280	ug/Kg	1	03/14/25	MR	SW8270E
Pyrene	ND	280	ug/Kg	1	03/14/25	MR	SW8270E
<u>QA/QC Surrogates</u>							
% 2-Fluorobiphenyl	63		%	1	03/14/25	MR	30 - 130 %
% Nitrobenzene-d5	69		%	1	03/14/25	MR	30 - 130 %
% Terphenyl-d14	63		%	1	03/14/25	MR	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

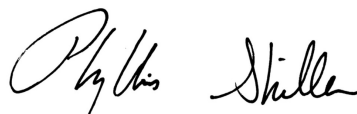
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director

March 20, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

March 20, 2025

FOR: Attn: Sierra Vaverchak
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: 2251247

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date

03/07/25
03/10/25

Time

12:35
17:08

Laboratory Data

SDG ID: GCS76541
Phoenix ID: CS76545

Project ID: TOWN OF SHANDAKEN 285 MAIN ST.
Client ID: SB-5

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	80		%		03/10/25	CV	SW846-%Solid
Field Extraction	Completed				03/07/25		SW5035A
Soil Extraction for SVOA PAH	Completed				03/13/25	X/Q	SW3546

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
1,1-Dichloroethane	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
1,1-Dichloroethene	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
1,1-Dichloropropene	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
1,2-Dibromoethane	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
1,2-Dichloroethane	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
1,2-Dichloropropane	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
1,3-Dichloropropane	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
2,2-Dichloropropane	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
2-Chlorotoluene	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2-Hexanone	ND	25	ug/Kg	1	03/11/25	JLI	SW8260D
2-Isopropyltoluene	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
4-Chlorotoluene	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	25	ug/Kg	1	03/11/25	JLI	SW8260D
Acetone	ND	25	ug/Kg	1	03/11/25	JLI	SW8260D
Acrylonitrile	ND	10	ug/Kg	1	03/11/25	JLI	SW8260D
Benzene	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
Bromobenzene	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
Bromochloromethane	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
Bromodichloromethane	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
Bromoform	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
Bromomethane	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
Carbon Disulfide	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
Carbon tetrachloride	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
Chlorobenzene	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
Chloroethane	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
Chloroform	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
Chloromethane	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
Dibromochloromethane	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
Dibromomethane	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
Dichlorodifluoromethane	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
Ethylbenzene	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
Hexachlorobutadiene	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
Isopropylbenzene	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
m&p-Xylene	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	25	ug/Kg	1	03/11/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	1	03/11/25	JLI	SW8260D
Methylene chloride	ND	10	ug/Kg	1	03/11/25	JLI	SW8260D
Naphthalene	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
n-Butylbenzene	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
n-Propylbenzene	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
o-Xylene	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
sec-Butylbenzene	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
Styrene	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
tert-Butylbenzene	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
Tetrachloroethene	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	10	ug/Kg	1	03/11/25	JLI	SW8260D
Toluene	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
Total Xylenes	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	1	03/11/25	JLI	SW8260D
Trichloroethene	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D
Vinyl chloride	ND	5.1	ug/Kg	1	03/11/25	JLI	SW8260D

1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	94		%	1	03/11/25	JLI	70 - 130 %
% Bromofluorobenzene	96		%	1	03/11/25	JLI	70 - 130 %
% Dibromofluoromethane	97		%	1	03/11/25	JLI	70 - 130 %
% Toluene-d8	93		%	1	03/11/25	JLI	70 - 130 %
<u>Semivolatiles-STARs/CP-51</u>							
Acenaphthene	ND	290	ug/Kg	1	03/14/25	MR	SW8270E
Acenaphthylene	ND	290	ug/Kg	1	03/14/25	MR	SW8270E
Anthracene	ND	290	ug/Kg	1	03/14/25	MR	SW8270E
Benz(a)anthracene	ND	290	ug/Kg	1	03/14/25	MR	SW8270E
Benzo(a)pyrene	ND	290	ug/Kg	1	03/14/25	MR	SW8270E
Benzo(b)fluoranthene	ND	290	ug/Kg	1	03/14/25	MR	SW8270E
Benzo(ghi)perylene	ND	290	ug/Kg	1	03/14/25	MR	SW8270E
Benzo(k)fluoranthene	ND	290	ug/Kg	1	03/14/25	MR	SW8270E
Chrysene	ND	290	ug/Kg	1	03/14/25	MR	SW8270E
Dibenz(a,h)anthracene	ND	290	ug/Kg	1	03/14/25	MR	SW8270E
Fluoranthene	ND	290	ug/Kg	1	03/14/25	MR	SW8270E
Fluorene	ND	290	ug/Kg	1	03/14/25	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	290	ug/Kg	1	03/14/25	MR	SW8270E
Naphthalene	ND	290	ug/Kg	1	03/14/25	MR	SW8270E
Phenanthrene	ND	290	ug/Kg	1	03/14/25	MR	SW8270E
Pyrene	ND	290	ug/Kg	1	03/14/25	MR	SW8270E
<u>QA/QC Surrogates</u>							
% 2-Fluorobiphenyl	70		%	1	03/14/25	MR	30 - 130 %
% Nitrobenzene-d5	75		%	1	03/14/25	MR	30 - 130 %
% Terphenyl-d14	68		%	1	03/14/25	MR	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

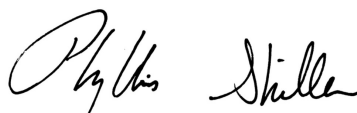
Volatile Comment:

The client provided LL and/or HL was not useable; soil jar was used.

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

March 20, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

March 20, 2025

FOR: Attn: Sierra Vaverchak
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: 2251247

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date

03/07/25
03/10/25

Time

13:15
17:08

Laboratory Data

SDG ID: GCS76541
Phoenix ID: CS76546

Project ID: TOWN OF SHANDAKEN 285 MAIN ST.
Client ID: SB-6

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	80		%		03/10/25	CV	SW846-%Solid
Field Extraction	Completed				03/07/25		SW5035A
Soil Extraction for SVOA PAH	Completed				03/13/25	X/Q	SW3546

Volatiles

1,1,1,2-Tetrachloroethane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,1,1-Trichloroethane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,1-Dichloroethane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,1-Dichloroethene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,1-Dichloropropene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,2,3-Trichloropropane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,2-Dibromoethane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,2-Dichloroethane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,2-Dichloropropane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,3-Dichloropropane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
2,2-Dichloropropane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
2-Chlorotoluene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2-Hexanone	ND	24	ug/Kg	1	03/11/25	JLI	SW8260D
2-Isopropyltoluene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
4-Chlorotoluene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	24	ug/Kg	1	03/11/25	JLI	SW8260D
Acetone	ND	24	ug/Kg	1	03/11/25	JLI	SW8260D
Acrylonitrile	ND	9.8	ug/Kg	1	03/11/25	JLI	SW8260D
Benzene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Bromobenzene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Bromochloromethane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Bromodichloromethane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Bromoform	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Bromomethane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Carbon Disulfide	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Carbon tetrachloride	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Chlorobenzene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Chloroethane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Chloroform	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Chloromethane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Dibromochloromethane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Dibromomethane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Dichlorodifluoromethane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Ethylbenzene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Hexachlorobutadiene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Isopropylbenzene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
m&p-Xylene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	24	ug/Kg	1	03/11/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	9.8	ug/Kg	1	03/11/25	JLI	SW8260D
Methylene chloride	ND	9.8	ug/Kg	1	03/11/25	JLI	SW8260D
Naphthalene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
n-Butylbenzene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
n-Propylbenzene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
o-Xylene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
p-Isopropyltoluene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
sec-Butylbenzene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Styrene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
tert-Butylbenzene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Tetrachloroethene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	9.8	ug/Kg	1	03/11/25	JLI	SW8260D
Toluene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Total Xylenes	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	9.8	ug/Kg	1	03/11/25	JLI	SW8260D
Trichloroethene	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Trichlorofluoromethane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D
Vinyl chloride	ND	4.9	ug/Kg	1	03/11/25	JLI	SW8260D

1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	104		%	1	03/11/25	JLI	70 - 130 %
% Bromofluorobenzene	94		%	1	03/11/25	JLI	70 - 130 %
% Dibromofluoromethane	91		%	1	03/11/25	JLI	70 - 130 %
% Toluene-d8	99		%	1	03/11/25	JLI	70 - 130 %
<u>Semivolatiles-STARs/CP-51</u>							
Acenaphthene	ND	290	ug/Kg	1	03/14/25	MR	SW8270E
Acenaphthylene	ND	290	ug/Kg	1	03/14/25	MR	SW8270E
Anthracene	ND	290	ug/Kg	1	03/14/25	MR	SW8270E
Benz(a)anthracene	ND	290	ug/Kg	1	03/14/25	MR	SW8270E
Benzo(a)pyrene	ND	290	ug/Kg	1	03/14/25	MR	SW8270E
Benzo(b)fluoranthene	ND	290	ug/Kg	1	03/14/25	MR	SW8270E
Benzo(ghi)perylene	ND	290	ug/Kg	1	03/14/25	MR	SW8270E
Benzo(k)fluoranthene	ND	290	ug/Kg	1	03/14/25	MR	SW8270E
Chrysene	ND	290	ug/Kg	1	03/14/25	MR	SW8270E
Dibenz(a,h)anthracene	ND	290	ug/Kg	1	03/14/25	MR	SW8270E
Fluoranthene	ND	290	ug/Kg	1	03/14/25	MR	SW8270E
Fluorene	ND	290	ug/Kg	1	03/14/25	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	290	ug/Kg	1	03/14/25	MR	SW8270E
Naphthalene	ND	290	ug/Kg	1	03/14/25	MR	SW8270E
Phenanthrene	ND	290	ug/Kg	1	03/14/25	MR	SW8270E
Pyrene	ND	290	ug/Kg	1	03/14/25	MR	SW8270E
<u>QA/QC Surrogates</u>							
% 2-Fluorobiphenyl	68		%	1	03/14/25	MR	30 - 130 %
% Nitrobenzene-d5	76		%	1	03/14/25	MR	30 - 130 %
% Terphenyl-d14	68		%	1	03/14/25	MR	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

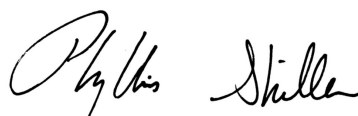
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

March 20, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

March 20, 2025

FOR: Attn: Sierra Vaverchak
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: GROUND WATER
Location Code: LABELLA
Rush Request: Standard
P.O.#: 2251247

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date

03/07/25
03/10/25

Time

14:53
17:08

Laboratory Data

SDG ID: GCS76541
Phoenix ID: CS76547

Project ID: TOWN OF SHANDAKEN 285 MAIN ST.
Client ID: MW-1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semi-Volatile Extraction	Completed				03/14/25	L/MQ	SW3520C
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,1,1-Trichloroethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	03/14/25	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,1-Dichloroethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,1-Dichloroethene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,1-Dichloropropene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,2-Dibromoethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,2-Dichloroethane	ND	0.60	ug/L	1	03/14/25	MH	SW8260D
1,2-Dichloropropane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,3-Dichloropropane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
2,2-Dichloropropane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
2-Chlorotoluene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
2-Hexanone	ND	5.0	ug/L	1	03/14/25	MH	SW8260D
2-Isopropyltoluene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D

Client ID: MW-1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
4-Methyl-2-pentanone	ND	5.0	ug/L	1	03/14/25	MH	SW8260D
Acetone	ND	25	ug/L	1	03/14/25	MH	SW8260D
Acrylonitrile	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Benzene	ND	0.70	ug/L	1	03/14/25	MH	SW8260D
Bromobenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Bromochloromethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Bromodichloromethane	ND	0.50	ug/L	1	03/14/25	MH	SW8260D
Bromoform	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Bromomethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Carbon Disulfide	ND	5.0	ug/L	1	03/14/25	MH	SW8260D
Carbon tetrachloride	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Chlorobenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Chloroethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Chloroform	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Chloromethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	03/14/25	MH	SW8260D
Dibromochloromethane	ND	0.50	ug/L	1	03/14/25	MH	SW8260D
Dibromomethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Ethylbenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Hexachlorobutadiene	ND	0.40	ug/L	1	03/14/25	MH	SW8260D
Isopropylbenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
m&p-Xylene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Methyl ethyl ketone	ND	5.0	ug/L	1	03/14/25	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Methylene chloride	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Naphthalene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
n-Butylbenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
n-Propylbenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
o-Xylene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
p-Isopropyltoluene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
sec-Butylbenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Styrene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
tert-Butylbenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Tetrachloroethene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	03/14/25	MH	SW8260D
Toluene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Total Xylenes	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	03/14/25	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	03/14/25	MH	SW8260D
Trichloroethene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Trichlorofluoromethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Vinyl chloride	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	99		%	1	03/14/25	MH	70 - 130 %

1

Client ID: MW-1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	99		%	1	03/14/25	MH	70 - 130 %
% Dibromofluoromethane	96		%	1	03/14/25	MH	70 - 130 %
% Toluene-d8	97		%	1	03/14/25	MH	70 - 130 %

Semivolatiles by SIM, PAH

2-Methylnaphthalene	ND	0.47	ug/L	1	03/18/25	MR	SW8270E (SIM)
Acenaphthene	ND	0.47	ug/L	1	03/18/25	MR	SW8270E (SIM)
Acenaphthylene	ND	0.47	ug/L	1	03/18/25	MR	SW8270E (SIM)
Anthracene	ND	0.47	ug/L	1	03/18/25	MR	SW8270E (SIM)
Benz(a)anthracene	ND	0.09	ug/L	1	03/18/25	MR	SW8270E (SIM)
Benzo(a)pyrene	ND	0.02	ug/L	1	03/18/25	MR	SW8270E (SIM)
Benzo(b)fluoranthene	ND	0.02	ug/L	1	03/18/25	MR	SW8270E (SIM)
Benzo(ghi)perylene	ND	0.47	ug/L	1	03/18/25	MR	SW8270E (SIM)
Benzo(k)fluoranthene	ND	0.02	ug/L	1	03/18/25	MR	SW8270E (SIM)
Chrysene	ND	0.02	ug/L	1	03/18/25	MR	SW8270E (SIM)
Dibenz(a,h)anthracene	ND	0.47	ug/L	1	03/18/25	MR	SW8270E (SIM)
Fluoranthene	ND	0.47	ug/L	1	03/18/25	MR	SW8270E (SIM)
Fluorene	ND	0.47	ug/L	1	03/18/25	MR	SW8270E (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	ug/L	1	03/18/25	MR	SW8270E (SIM)
Naphthalene	ND	0.47	ug/L	1	03/18/25	MR	SW8270E (SIM)
Phenanthrene	ND	0.47	ug/L	1	03/18/25	MR	SW8270E (SIM)
Pyrene	ND	0.47	ug/L	1	03/18/25	MR	SW8270E (SIM)

QA/QC Surrogates

% 2-Fluorobiphenyl	72		%	1	03/18/25	MR	30 - 130 %
% Nitrobenzene-d5	63		%	1	03/18/25	MR	30 - 130 %
% Terphenyl-d14	67		%	1	03/18/25	MR	30 - 130 %

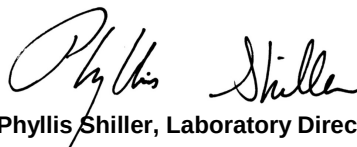
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

March 20, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

March 20, 2025

FOR: Attn: Sierra Vaverchak
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: GROUND WATER
Location Code: LABELLA
Rush Request: Standard
P.O.#: 2251247

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date

03/07/25
03/10/25

Time

15:15
17:08

Laboratory Data

SDG ID: GCS76541
Phoenix ID: CS76548

Project ID: TOWN OF SHANDAKEN 285 MAIN ST.
Client ID: MW-2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semi-Volatile Extraction	Completed				03/14/25	L/MQ	SW3520C
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,1,1-Trichloroethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	03/14/25	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,1-Dichloroethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,1-Dichloroethene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,1-Dichloropropene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,2-Dibromoethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,2-Dichloroethane	ND	0.60	ug/L	1	03/14/25	MH	SW8260D
1,2-Dichloropropane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,3-Dichloropropane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
2,2-Dichloropropane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
2-Chlorotoluene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
2-Hexanone	ND	5.0	ug/L	1	03/14/25	MH	SW8260D
2-Isopropyltoluene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D

Client ID: MW-2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
4-Methyl-2-pentanone	ND	5.0	ug/L	1	03/14/25	MH	SW8260D
Acetone	ND	25	ug/L	1	03/14/25	MH	SW8260D
Acrylonitrile	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Benzene	ND	0.70	ug/L	1	03/14/25	MH	SW8260D
Bromobenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Bromochloromethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Bromodichloromethane	ND	0.50	ug/L	1	03/14/25	MH	SW8260D
Bromoform	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Bromomethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Carbon Disulfide	ND	5.0	ug/L	1	03/14/25	MH	SW8260D
Carbon tetrachloride	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Chlorobenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Chloroethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Chloroform	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Chloromethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	03/14/25	MH	SW8260D
Dibromochloromethane	ND	0.50	ug/L	1	03/14/25	MH	SW8260D
Dibromomethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Ethylbenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Hexachlorobutadiene	ND	0.40	ug/L	1	03/14/25	MH	SW8260D
Isopropylbenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
m&p-Xylene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Methyl ethyl ketone	ND	5.0	ug/L	1	03/14/25	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Methylene chloride	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Naphthalene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
n-Butylbenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
n-Propylbenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
o-Xylene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
p-Isopropyltoluene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
sec-Butylbenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Styrene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
tert-Butylbenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Tetrachloroethene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	03/14/25	MH	SW8260D
Toluene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Total Xylenes	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	03/14/25	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	03/14/25	MH	SW8260D
Trichloroethene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Trichlorofluoromethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Vinyl chloride	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	99		%	1	03/14/25	MH	70 - 130 %

1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	97		%	1	03/14/25	MH	70 - 130 %
% Dibromofluoromethane	99		%	1	03/14/25	MH	70 - 130 %
% Toluene-d8	95		%	1	03/14/25	MH	70 - 130 %

Semivolatiles by SIM, PAH

2-Methylnaphthalene	ND	0.48	ug/L	1	03/18/25	MR	SW8270E (SIM)
Acenaphthene	ND	0.48	ug/L	1	03/18/25	MR	SW8270E (SIM)
Acenaphthylene	ND	0.48	ug/L	1	03/18/25	MR	SW8270E (SIM)
Anthracene	ND	0.48	ug/L	1	03/18/25	MR	SW8270E (SIM)
Benz(a)anthracene	ND	0.08	ug/L	1	03/18/25	MR	SW8270E (SIM)
Benzo(a)pyrene	ND	0.02	ug/L	1	03/18/25	MR	SW8270E (SIM)
Benzo(b)fluoranthene	ND	0.02	ug/L	1	03/18/25	MR	SW8270E (SIM)
Benzo(ghi)perylene	ND	0.48	ug/L	1	03/18/25	MR	SW8270E (SIM)
Benzo(k)fluoranthene	ND	0.02	ug/L	1	03/18/25	MR	SW8270E (SIM)
Chrysene	ND	0.02	ug/L	1	03/18/25	MR	SW8270E (SIM)
Dibenz(a,h)anthracene	ND	0.48	ug/L	1	03/18/25	MR	SW8270E (SIM)
Fluoranthene	ND	0.48	ug/L	1	03/18/25	MR	SW8270E (SIM)
Fluorene	ND	0.48	ug/L	1	03/18/25	MR	SW8270E (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	ug/L	1	03/18/25	MR	SW8270E (SIM)
Naphthalene	ND	0.48	ug/L	1	03/18/25	MR	SW8270E (SIM)
Phenanthrene	ND	0.48	ug/L	1	03/18/25	MR	SW8270E (SIM)
Pyrene	ND	0.48	ug/L	1	03/18/25	MR	SW8270E (SIM)

QA/QC Surrogates

% 2-Fluorobiphenyl	59		%	1	03/18/25	MR	30 - 130 %
% Nitrobenzene-d5	55		%	1	03/18/25	MR	30 - 130 %
% Terphenyl-d14	61		%	1	03/18/25	MR	30 - 130 %

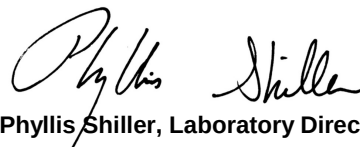
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director

March 20, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

March 20, 2025

FOR: Attn: Sierra Vaverchak
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: GROUND WATER
Location Code: LABELLA
Rush Request: Standard
P.O.#: 2251247

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date

03/07/25
03/10/25

Time

15:35
17:08

Laboratory Data

SDG ID: GCS76541
Phoenix ID: CS76549

Project ID: TOWN OF SHANDAKEN 285 MAIN ST.
Client ID: MW-3

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semi-Volatile Extraction	Completed				03/14/25	L/MQ	SW3520C
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,1,1-Trichloroethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	03/14/25	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,1-Dichloroethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,1-Dichloroethene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,1-Dichloropropene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,2-Dibromoethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,2-Dichloroethane	ND	0.60	ug/L	1	03/14/25	MH	SW8260D
1,2-Dichloropropane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,3-Dichloropropane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
2,2-Dichloropropane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
2-Chlorotoluene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
2-Hexanone	ND	5.0	ug/L	1	03/14/25	MH	SW8260D
2-Isopropyltoluene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
4-Methyl-2-pentanone	ND	5.0	ug/L	1	03/14/25	MH	SW8260D
Acetone	ND	25	ug/L	1	03/14/25	MH	SW8260D
Acrylonitrile	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Benzene	ND	0.70	ug/L	1	03/14/25	MH	SW8260D
Bromobenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Bromochloromethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Bromodichloromethane	ND	0.50	ug/L	1	03/14/25	MH	SW8260D
Bromoform	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Bromomethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Carbon Disulfide	ND	5.0	ug/L	1	03/14/25	MH	SW8260D
Carbon tetrachloride	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Chlorobenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Chloroethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Chloroform	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Chloromethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	03/14/25	MH	SW8260D
Dibromochloromethane	ND	0.50	ug/L	1	03/14/25	MH	SW8260D
Dibromomethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Ethylbenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Hexachlorobutadiene	ND	0.40	ug/L	1	03/14/25	MH	SW8260D
Isopropylbenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
m&p-Xylene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Methyl ethyl ketone	ND	5.0	ug/L	1	03/14/25	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Methylene chloride	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Naphthalene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
n-Butylbenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
n-Propylbenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
o-Xylene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
p-Isopropyltoluene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
sec-Butylbenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Styrene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
tert-Butylbenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Tetrachloroethene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	03/14/25	MH	SW8260D
Toluene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Total Xylenes	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	03/14/25	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	03/14/25	MH	SW8260D
Trichloroethene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Trichlorofluoromethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Vinyl chloride	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	98		%	1	03/14/25	MH	70 - 130 %

1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	98		%	1	03/14/25	MH	70 - 130 %
% Dibromofluoromethane	103		%	1	03/14/25	MH	70 - 130 %
% Toluene-d8	101		%	1	03/14/25	MH	70 - 130 %

Semivolatiles by SIM, PAH

2-Methylnaphthalene	ND	0.48	ug/L	1	03/18/25	MR	SW8270E (SIM)
Acenaphthene	ND	0.48	ug/L	1	03/18/25	MR	SW8270E (SIM)
Acenaphthylene	ND	0.48	ug/L	1	03/18/25	MR	SW8270E (SIM)
Anthracene	ND	0.48	ug/L	1	03/18/25	MR	SW8270E (SIM)
Benz(a)anthracene	ND	0.08	ug/L	1	03/18/25	MR	SW8270E (SIM)
Benzo(a)pyrene	ND	0.02	ug/L	1	03/18/25	MR	SW8270E (SIM)
Benzo(b)fluoranthene	ND	0.02	ug/L	1	03/18/25	MR	SW8270E (SIM)
Benzo(ghi)perylene	ND	0.48	ug/L	1	03/18/25	MR	SW8270E (SIM)
Benzo(k)fluoranthene	ND	0.02	ug/L	1	03/18/25	MR	SW8270E (SIM)
Chrysene	ND	0.02	ug/L	1	03/18/25	MR	SW8270E (SIM)
Dibenz(a,h)anthracene	ND	0.48	ug/L	1	03/18/25	MR	SW8270E (SIM)
Fluoranthene	ND	0.48	ug/L	1	03/18/25	MR	SW8270E (SIM)
Fluorene	ND	0.48	ug/L	1	03/18/25	MR	SW8270E (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	ug/L	1	03/18/25	MR	SW8270E (SIM)
Naphthalene	ND	0.48	ug/L	1	03/18/25	MR	SW8270E (SIM)
Phenanthrene	ND	0.48	ug/L	1	03/18/25	MR	SW8270E (SIM)
Pyrene	ND	0.48	ug/L	1	03/18/25	MR	SW8270E (SIM)

QA/QC Surrogates

% 2-Fluorobiphenyl	41		%	1	03/18/25	MR	30 - 130 %
% Nitrobenzene-d5	38		%	1	03/18/25	MR	30 - 130 %
% Terphenyl-d14	36		%	1	03/18/25	MR	30 - 130 %

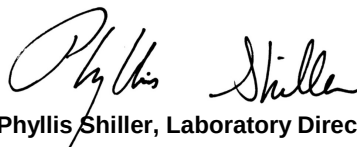
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

March 20, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

March 20, 2025

FOR: Attn: Sierra Vaverchak
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: GROUND WATER
Location Code: LABELLA
Rush Request: Standard
P.O.#: 2251247

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date

03/07/25
03/10/25

Time

16:00
17:08

Laboratory Data

SDG ID: GCS76541
Phoenix ID: CS76550

Project ID: TOWN OF SHANDAKEN 285 MAIN ST.
Client ID: MW-4

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semi-Volatile Extraction	Completed				03/14/25	L/MQ	SW3520C
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,1,1-Trichloroethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	03/14/25	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,1-Dichloroethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,1-Dichloroethene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,1-Dichloropropene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,2-Dibromoethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,2-Dichloroethane	ND	0.60	ug/L	1	03/14/25	MH	SW8260D
1,2-Dichloropropane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,3-Dichloropropane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
2,2-Dichloropropane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
2-Chlorotoluene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
2-Hexanone	ND	5.0	ug/L	1	03/14/25	MH	SW8260D
2-Isopropyltoluene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D

Client ID: MW-4

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
4-Methyl-2-pentanone	ND	5.0	ug/L	1	03/14/25	MH	SW8260D
Acetone	ND	25	ug/L	1	03/14/25	MH	SW8260D
Acrylonitrile	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Benzene	ND	0.70	ug/L	1	03/14/25	MH	SW8260D
Bromobenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Bromochloromethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Bromodichloromethane	ND	0.50	ug/L	1	03/14/25	MH	SW8260D
Bromoform	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Bromomethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Carbon Disulfide	ND	5.0	ug/L	1	03/14/25	MH	SW8260D
Carbon tetrachloride	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Chlorobenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Chloroethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Chloroform	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Chloromethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	03/14/25	MH	SW8260D
Dibromochloromethane	ND	0.50	ug/L	1	03/14/25	MH	SW8260D
Dibromomethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Ethylbenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Hexachlorobutadiene	ND	0.40	ug/L	1	03/14/25	MH	SW8260D
Isopropylbenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
m&p-Xylene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Methyl ethyl ketone	ND	5.0	ug/L	1	03/14/25	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Methylene chloride	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Naphthalene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
n-Butylbenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
n-Propylbenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
o-Xylene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
p-Isopropyltoluene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
sec-Butylbenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Styrene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
tert-Butylbenzene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Tetrachloroethene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	03/14/25	MH	SW8260D
Toluene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Total Xylenes	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	03/14/25	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	03/14/25	MH	SW8260D
Trichloroethene	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Trichlorofluoromethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
Vinyl chloride	ND	1.0	ug/L	1	03/14/25	MH	SW8260D
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	96		%	1	03/14/25	MH	70 - 130 %

1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	98		%	1	03/14/25	MH	70 - 130 %
% Dibromofluoromethane	98		%	1	03/14/25	MH	70 - 130 %
% Toluene-d8	97		%	1	03/14/25	MH	70 - 130 %

Semivolatiles by SIM, PAH

2-Methylnaphthalene	ND	0.47	ug/L	1	03/18/25	MR	SW8270E (SIM)
Acenaphthene	ND	0.47	ug/L	1	03/18/25	MR	SW8270E (SIM)
Acenaphthylene	ND	0.47	ug/L	1	03/18/25	MR	SW8270E (SIM)
Anthracene	ND	0.47	ug/L	1	03/18/25	MR	SW8270E (SIM)
Benz(a)anthracene	ND	0.09	ug/L	1	03/18/25	MR	SW8270E (SIM)
Benzo(a)pyrene	ND	0.02	ug/L	1	03/18/25	MR	SW8270E (SIM)
Benzo(b)fluoranthene	ND	0.02	ug/L	1	03/18/25	MR	SW8270E (SIM)
Benzo(ghi)perylene	ND	0.47	ug/L	1	03/18/25	MR	SW8270E (SIM)
Benzo(k)fluoranthene	ND	0.02	ug/L	1	03/18/25	MR	SW8270E (SIM)
Chrysene	ND	0.02	ug/L	1	03/18/25	MR	SW8270E (SIM)
Dibenz(a,h)anthracene	ND	0.47	ug/L	1	03/18/25	MR	SW8270E (SIM)
Fluoranthene	ND	0.47	ug/L	1	03/18/25	MR	SW8270E (SIM)
Fluorene	ND	0.47	ug/L	1	03/18/25	MR	SW8270E (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	ug/L	1	03/18/25	MR	SW8270E (SIM)
Naphthalene	ND	0.47	ug/L	1	03/18/25	MR	SW8270E (SIM)
Phenanthrene	ND	0.47	ug/L	1	03/18/25	MR	SW8270E (SIM)
Pyrene	ND	0.47	ug/L	1	03/18/25	MR	SW8270E (SIM)

QA/QC Surrogates

% 2-Fluorobiphenyl	60		%	1	03/18/25	MR	30 - 130 %
% Nitrobenzene-d5	57		%	1	03/18/25	MR	30 - 130 %
% Terphenyl-d14	50		%	1	03/18/25	MR	30 - 130 %

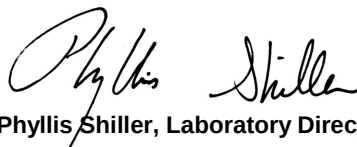
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BRL=Below Reporting Level L=Biased Low

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Comments:

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Phyllis Shiller, Laboratory Director

March 20, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



QA/QC Report

March 20, 2025

QA/QC Data

SDG I.D.: GCS76541

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 774482 (ug/kg), QC Sample No: CS78957 (CS76541, CS76542, CS76543, CS76544, CS76545, CS76546)										
Polynuclear Aromatic HC - Soil										
Acenaphthene	ND	230	65	67	3.0	58	70	18.8	30 - 130	30
Acenaphthylene	ND	230	57	60	5.1	52	60	14.3	40 - 140	30
Anthracene	ND	230	65	67	3.0	57	68	17.6	40 - 140	30
Benz(a)anthracene	ND	230	62	64	3.2	51	60	16.2	40 - 140	30
Benzo(a)pyrene	ND	230	65	67	3.0	52	61	15.9	40 - 140	30
Benzo(b)fluoranthene	ND	230	63	66	4.7	49	59	18.5	40 - 140	30
Benzo(ghi)perylene	ND	230	61	65	6.3	47	57	19.2	40 - 140	30
Benzo(k)fluoranthene	ND	230	62	65	4.7	55	64	15.1	40 - 140	30
Chrysene	ND	230	66	69	4.4	44	54	20.4	40 - 140	30
Dibenz(a,h)anthracene	ND	230	64	68	6.1	54	64	16.9	40 - 140	30
Fluoranthene	ND	230	62	63	1.6	24	34	34.5	40 - 140	30 m,r
Fluorene	ND	230	67	69	2.9	61	73	17.9	40 - 140	30
Indeno(1,2,3-cd)pyrene	ND	230	61	64	4.8	46	54	16.0	40 - 140	30
Naphthalene	ND	230	58	61	5.0	54	66	20.0	40 - 140	30
Phenanthrene	ND	230	67	69	2.9	<10	21	NC	40 - 140	30 m
Pyrene	ND	230	59	61	3.3	31	40	25.4	30 - 130	30
% 2-Fluorobiphenyl	62	%	59	61	3.3	53	60	12.4	30 - 130	30
% Nitrobenzene-d5	66	%	48	56	15.4	55	65	16.7	30 - 130	30
% Terphenyl-d14	63	%	49	51	4.0	44	49	10.8	30 - 130	30

QA/QC Batch 774651 (ug/L), QC Sample No: CS76232 (CS76547, CS76548, CS76549, CS76550)

Semivolatiles by SIM, PAH - Ground Water

2-Methylnaphthalene	ND	0.50	58	53	9.0				30 - 130	20
Acenaphthene	ND	0.50	54	50	7.7				30 - 130	20
Acenaphthylene	ND	0.10	56	52	7.4				30 - 130	20
Anthracene	ND	0.10	61	57	6.8				30 - 130	20
Benz(a)anthracene	ND	0.02	65	60	8.0				30 - 130	20
Benzo(a)pyrene	ND	0.02	76	71	6.8				30 - 130	20
Benzo(b)fluoranthene	ND	0.02	77	70	9.5				30 - 130	20
Benzo(ghi)perylene	ND	0.02	74	68	8.5				30 - 130	20
Benzo(k)fluoranthene	ND	0.02	66	62	6.3				30 - 130	20
Chrysene	ND	0.02	55	52	5.6				30 - 130	20
Dibenz(a,h)anthracene	ND	0.02	66	62	6.3				30 - 130	20
Fluoranthene	ND	0.50	65	60	8.0				30 - 130	20
Fluorene	ND	0.10	60	56	6.9				30 - 130	20
Indeno(1,2,3-cd)pyrene	ND	0.02	66	62	6.3				30 - 130	20
Naphthalene	ND	0.50	53	48	9.9				30 - 130	20
Phenanthrene	ND	0.06	57	53	7.3				30 - 130	20
Pyrene	ND	0.07	65	61	6.3				30 - 130	20
% 2-Fluorobiphenyl	61	%	61	56	8.5				30 - 130	20
% Nitrobenzene-d5	55	%	58	52	10.9				30 - 130	20
% Terphenyl-d14	61	%	61	58	5.0				30 - 130	20

QA/QC Data

SDG I.D.: GCS76541

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Comment:										
A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.										
Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)										
QA/QC Batch 774006 (ug/kg), QC Sample No: CS76268 (CS76541, CS76542, CS76543, CS76544, CS76546)										
Volatiles - Soil (Low Level)										
1,1,1,2-Tetrachloroethane	ND	5.0	101	98	3.0	78	72	8.0	70 - 130	20
1,1,1-Trichloroethane	ND	5.0	96	92	4.3	79	74	6.5	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	3.0	111	106	4.6	102	102	0.0	70 - 130	20
1,1,2-Trichloroethane	ND	5.0	105	101	3.9	87	87	0.0	70 - 130	20
1,1-Dichloroethane	ND	5.0	98	95	3.1	88	87	1.1	70 - 130	20
1,1-Dichloroethene	ND	5.0	93	93	0.0	89	85	4.6	70 - 130	20
1,1-Dichloropropene	ND	5.0	100	99	1.0	89	84	5.8	70 - 130	20
1,2,3-Trichlorobenzene	ND	5.0	109	105	3.7	43	44	2.3	70 - 130	20 m
1,2,3-Trichloropropane	ND	5.0	110	103	6.6	109	97	11.7	70 - 130	20
1,2,4-Trichlorobenzene	ND	5.0	107	106	0.9	49	50	2.0	70 - 130	20 m
1,2,4-Trimethylbenzene	ND	1.0	107	105	1.9	98	98	0.0	70 - 130	20
1,2-Dibromo-3-chloropropane	ND	5.0	106	100	5.8	72	65	10.2	70 - 130	20 m
1,2-Dibromoethane	ND	5.0	112	108	3.6	90	89	1.1	70 - 130	20
1,2-Dichlorobenzene	ND	5.0	113	110	2.7	85	85	0.0	70 - 130	20
1,2-Dichloroethane	ND	5.0	102	101	1.0	86	82	4.8	70 - 130	20
1,2-Dichloropropane	ND	5.0	100	98	2.0	87	85	2.3	70 - 130	20
1,3,5-Trimethylbenzene	ND	1.0	113	109	3.6	109	107	1.9	70 - 130	20
1,3-Dichlorobenzene	ND	5.0	110	108	1.8	88	87	1.1	70 - 130	20
1,3-Dichloropropane	ND	5.0	111	106	4.6	93	93	0.0	70 - 130	20
1,4-Dichlorobenzene	ND	5.0	112	109	2.7	86	87	1.2	70 - 130	20
2,2-Dichloropropane	ND	5.0	89	90	1.1	55	52	5.6	70 - 130	20 m
2-Chlorotoluene	ND	5.0	112	109	2.7	106	107	0.9	70 - 130	20
2-Hexanone	ND	25	91	92	1.1	36	41	13.0	70 - 130	20 m
2-Isopropyltoluene	ND	5.0	115	113	1.8	107	105	1.9	70 - 130	20
4-Chlorotoluene	ND	5.0	110	109	0.9	100	99	1.0	70 - 130	20
4-Methyl-2-pentanone	ND	25	93	91	2.2	48	53	9.9	70 - 130	20 m
Acetone	ND	10	79	79	0.0	60	57	5.1	70 - 130	20 m
Acrylonitrile	ND	5.0	90	95	5.4	39	42	7.4	70 - 130	20 m
Benzene	ND	1.0	100	99	1.0	90	86	4.5	70 - 130	20
Bromobenzene	ND	5.0	115	111	3.5	104	104	0.0	70 - 130	20
Bromochloromethane	ND	5.0	100	99	1.0	93	90	3.3	70 - 130	20
Bromodichloromethane	ND	5.0	96	96	0.0	79	75	5.2	70 - 130	20
Bromoform	ND	5.0	88	88	0.0	59	56	5.2	70 - 130	20 m
Bromomethane	ND	5.0	95	93	2.1	78	76	2.6	70 - 130	20
Carbon Disulfide	ND	5.0	97	95	2.1	88	84	4.7	70 - 130	20
Carbon tetrachloride	ND	5.0	82	82	0.0	63	57	10.0	70 - 130	20 m
Chlorobenzene	ND	5.0	110	109	0.9	93	92	1.1	70 - 130	20
Chloroethane	ND	5.0	100	100	0.0	96	91	5.3	70 - 130	20
Chloroform	ND	5.0	98	95	3.1	89	88	1.1	70 - 130	20
Chloromethane	ND	5.0	94	93	1.1	91	87	4.5	70 - 130	20
cis-1,2-Dichloroethene	ND	5.0	102	96	6.1	90	87	3.4	70 - 130	20
cis-1,3-Dichloropropene	ND	5.0	99	99	0.0	69	66	4.4	70 - 130	20 m
Dibromochloromethane	ND	3.0	96	94	2.1	78	74	5.3	70 - 130	20
Dibromomethane	ND	5.0	105	103	1.9	85	86	1.2	70 - 130	20
Dichlorodifluoromethane	ND	5.0	94	93	1.1	108	102	5.7	70 - 130	20
Ethylbenzene	ND	1.0	107	104	2.8	95	93	2.1	70 - 130	20

QA/QC Data

SDG I.D.: GCS76541

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Hexachlorobutadiene	ND	5.0	107	105	1.9	66	66	0.0	70 - 130	20	m
Isopropylbenzene	ND	1.0	114	111	2.7	122	118	3.3	70 - 130	20	
m&p-Xylene	ND	2.0	106	105	0.9	94	91	3.2	70 - 130	20	
Methyl ethyl ketone	ND	5.0	82	89	8.2	55	57	3.6	70 - 130	20	m
Methyl t-butyl ether (MTBE)	ND	1.0	95	90	5.4	83	80	3.7	70 - 130	20	
Methylene chloride	ND	5.0	96	91	5.3	85	85	0.0	70 - 130	20	
Naphthalene	ND	5.0	114	111	2.7	50	51	2.0	70 - 130	20	m
n-Butylbenzene	ND	1.0	107	106	0.9	88	88	0.0	70 - 130	20	
n-Propylbenzene	ND	1.0	114	109	4.5	114	111	2.7	70 - 130	20	
o-Xylene	ND	2.0	106	103	2.9	93	90	3.3	70 - 130	20	
p-Isopropyltoluene	ND	1.0	107	106	0.9	97	97	0.0	70 - 130	20	
sec-Butylbenzene	ND	1.0	111	109	1.8	106	105	0.9	70 - 130	20	
Styrene	ND	5.0	107	111	3.7	79	81	2.5	70 - 130	20	
tert-Butylbenzene	ND	1.0	113	110	2.7	112	110	1.8	70 - 130	20	
Tetrachloroethene	ND	5.0	103	106	2.9	95	86	9.9	70 - 130	20	
Tetrahydrofuran (THF)	ND	5.0	96	93	3.2	82	83	1.2	70 - 130	20	
Toluene	ND	1.0	100	98	2.0	87	86	1.2	70 - 130	20	
trans-1,2-Dichloroethene	ND	5.0	98	96	2.1	89	87	2.3	70 - 130	20	
trans-1,3-Dichloropropene	ND	5.0	100	97	3.0	61	59	3.3	70 - 130	20	m
trans-1,4-dichloro-2-butene	ND	5.0	101	100	1.0	49	50	2.0	70 - 130	20	m
Trichloroethene	ND	5.0	108	108	0.0	97	92	5.3	70 - 130	20	
Trichlorofluoromethane	ND	5.0	99	100	1.0	95	90	5.4	70 - 130	20	
Trichlorotrifluoroethane	ND	5.0	97	100	3.0	101	97	4.0	70 - 130	20	
Vinyl chloride	ND	5.0	94	94	0.0	95	90	5.4	70 - 130	20	
% 1,2-dichlorobenzene-d4	102	%	106	104	1.9	101	101	0.0	70 - 130	20	
% Bromofluorobenzene	97	%	99	99	0.0	91	92	1.1	70 - 130	20	
% Dibromofluoromethane	100	%	98	99	1.0	100	104	3.9	70 - 130	20	
% Toluene-d8	100	%	103	103	0.0	100	100	0.0	70 - 130	20	

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 774904 (ug/L), QC Sample No: CS76463 (CS76547, CS76548, CS76549, CS76550)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	97	98	1.0				70 - 130	20	
1,1,1-Trichloroethane	ND	1.0	100	95	5.1				70 - 130	20	
1,1,2,2-Tetrachloroethane	ND	0.50	102	98	4.0				70 - 130	20	
1,1,2-Trichloroethane	ND	1.0	104	97	7.0				70 - 130	20	
1,1-Dichloroethane	ND	1.0	103	97	6.0				70 - 130	20	
1,1-Dichloroethene	ND	1.0	100	97	3.0				70 - 130	20	
1,1-Dichloropropene	ND	1.0	102	102	0.0				70 - 130	20	
1,2,3-Trichlorobenzene	ND	1.0	107	99	7.8				70 - 130	20	
1,2,3-Trichloropropane	ND	1.0	103	98	5.0				70 - 130	20	
1,2,4-Trichlorobenzene	ND	1.0	105	97	7.9				70 - 130	20	
1,2,4-Trimethylbenzene	ND	1.0	105	101	3.9				70 - 130	20	
1,2-Dibromo-3-chloropropane	ND	1.0	101	95	6.1				70 - 130	20	
1,2-Dibromoethane	ND	1.0	104	100	3.9				70 - 130	20	
1,2-Dichlorobenzene	ND	1.0	104	99	4.9				70 - 130	20	
1,2-Dichloroethane	ND	1.0	105	100	4.9				70 - 130	20	
1,2-Dichloropropane	ND	1.0	103	103	0.0				70 - 130	20	
1,3,5-Trimethylbenzene	ND	1.0	103	99	4.0				70 - 130	20	
1,3-Dichlorobenzene	ND	1.0	105	100	4.9				70 - 130	20	
1,3-Dichloropropane	ND	1.0	101	101	0.0				70 - 130	20	
1,4-Dichlorobenzene	ND	1.0	104	100	3.9				70 - 130	20	

QA/QC Data

SDG I.D.: GCS76541

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
2,2-Dichloropropane	ND	1.0	97	94	3.1				70 - 130	20
2-Chlorotoluene	ND	1.0	104	101	2.9				70 - 130	20
2-Hexanone	ND	5.0	101	99	2.0				70 - 130	20
2-Isopropyltoluene	ND	1.0	105	101	3.9				70 - 130	20
4-Chlorotoluene	ND	1.0	101	100	1.0				70 - 130	20
4-Methyl-2-pentanone	ND	5.0	101	98	3.0				70 - 130	20
Acetone	ND	5.0	91	83	9.2				70 - 130	20
Acrylonitrile	ND	5.0	96	101	5.1				70 - 130	20
Benzene	ND	0.70	104	103	1.0				70 - 130	20
Bromobenzene	ND	1.0	107	102	4.8				70 - 130	20
Bromochloromethane	ND	1.0	101	99	2.0				70 - 130	20
Bromodichloromethane	ND	0.50	103	101	2.0				70 - 130	20
Bromoform	ND	1.0	106	104	1.9				70 - 130	20
Bromomethane	ND	1.0	98	96	2.1				70 - 130	20
Carbon Disulfide	ND	1.0	102	95	7.1				70 - 130	20
Carbon tetrachloride	ND	1.0	95	97	2.1				70 - 130	20
Chlorobenzene	ND	1.0	103	102	1.0				70 - 130	20
Chloroethane	ND	1.0	116	116	0.0				70 - 130	20
Chloroform	ND	1.0	95	99	4.1				70 - 130	20
Chloromethane	ND	1.0	104	100	3.9				70 - 130	20
cis-1,2-Dichloroethene	ND	1.0	98	98	0.0				70 - 130	20
cis-1,3-Dichloropropene	ND	0.40	104	102	1.9				70 - 130	20
Dibromochloromethane	ND	0.50	103	104	1.0				70 - 130	20
Dibromomethane	ND	1.0	100	99	1.0				70 - 130	20
Dichlorodifluoromethane	ND	1.0	108	103	4.7				70 - 130	20
Ethylbenzene	ND	1.0	103	103	0.0				70 - 130	20
Hexachlorobutadiene	ND	0.40	104	93	11.2				70 - 130	20
Isopropylbenzene	ND	1.0	103	99	4.0				70 - 130	20
m&p-Xylene	ND	1.0	106	102	3.8				70 - 130	20
Methyl ethyl ketone	ND	5.0	96	97	1.0				70 - 130	20
Methyl t-butyl ether (MTBE)	ND	1.0	97	94	3.1				70 - 130	20
Methylene chloride	ND	1.0	97	94	3.1				70 - 130	20
Naphthalene	ND	1.0	107	103	3.8				70 - 130	20
n-Butylbenzene	ND	1.0	102	97	5.0				70 - 130	20
n-Propylbenzene	ND	1.0	103	100	3.0				70 - 130	20
o-Xylene	ND	1.0	103	100	3.0				70 - 130	20
p-Isopropyltoluene	ND	1.0	103	99	4.0				70 - 130	20
sec-Butylbenzene	ND	1.0	104	100	3.9				70 - 130	20
Styrene	ND	1.0	102	104	1.9				70 - 130	20
tert-Butylbenzene	ND	1.0	103	100	3.0				70 - 130	20
Tetrachloroethene	ND	1.0	101	102	1.0				70 - 130	20
Tetrahydrofuran (THF)	ND	2.5	98	94	4.2				70 - 130	20
Toluene	ND	1.0	107	102	4.8				70 - 130	20
trans-1,2-Dichloroethene	ND	1.0	99	90	9.5				70 - 130	20
trans-1,3-Dichloropropene	ND	0.40	106	103	2.9				70 - 130	20
trans-1,4-dichloro-2-butene	ND	5.0	107	105	1.9				70 - 130	20
Trichloroethene	ND	1.0	104	102	1.9				70 - 130	20
Trichlorofluoromethane	ND	1.0	101	100	1.0				70 - 130	20
Trichlorotrifluoroethane	ND	1.0	96	90	6.5				70 - 130	20
Vinyl chloride	ND	1.0	106	102	3.8				70 - 130	20
% 1,2-dichlorobenzene-d4	99	%	103	99	4.0				70 - 130	20
% Bromofluorobenzene	96	%	100	101	1.0				70 - 130	20
% Dibromofluoromethane	100	%	89	99	10.6				70 - 130	20

QA/QC Data

SDG I.D.: GCS76541

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% Toluene-d8	97	%	101	103	2.0				70 - 130	20

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 774175 (ug/kg), QC Sample No: CS76581 (CS76545)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	5.0	107	110	2.8				70 - 130	20
1,1,1-Trichloroethane	ND	5.0	105	110	4.7				70 - 130	20
1,1,2,2-Tetrachloroethane	ND	3.0	98	105	6.9				70 - 130	20
1,1,2-Trichloroethane	ND	5.0	102	106	3.8				70 - 130	20
1,1-Dichloroethane	ND	5.0	102	107	4.8				70 - 130	20
1,1-Dichloroethene	ND	5.0	112	118	5.2				70 - 130	20
1,1-Dichloropropene	ND	5.0	106	110	3.7				70 - 130	20
1,2,3-Trichlorobenzene	ND	5.0	91	96	5.3				70 - 130	20
1,2,3-Trichloropropane	ND	5.0	89	95	6.5				70 - 130	20
1,2,4-Trichlorobenzene	ND	5.0	89	92	3.3				70 - 130	20
1,2,4-Trimethylbenzene	ND	1.0	93	95	2.1				70 - 130	20
1,2-Dibromo-3-chloropropane	ND	5.0	109	120	9.6				70 - 130	20
1,2-Dibromoethane	ND	5.0	93	97	4.2				70 - 130	20
1,2-Dichlorobenzene	ND	5.0	99	103	4.0				70 - 130	20
1,2-Dichloroethane	ND	5.0	106	111	4.6				70 - 130	20
1,2-Dichloropropane	ND	5.0	107	109	1.9				70 - 130	20
1,3,5-Trimethylbenzene	ND	1.0	96	99	3.1				70 - 130	20
1,3-Dichlorobenzene	ND	5.0	93	97	4.2				70 - 130	20
1,3-Dichloropropane	ND	5.0	97	99	2.0				70 - 130	20
1,4-Dichlorobenzene	ND	5.0	98	100	2.0				70 - 130	20
2,2-Dichloropropane	ND	5.0	72	80	10.5				70 - 130	20
2-Chlorotoluene	ND	5.0	97	100	3.0				70 - 130	20
2-Hexanone	ND	25	83	88	5.8				70 - 130	20
2-Isopropyltoluene	ND	5.0	102	104	1.9				70 - 130	20
4-Chlorotoluene	ND	5.0	96	98	2.1				70 - 130	20
4-Methyl-2-pentanone	ND	25	94	103	9.1				70 - 130	20
Acetone	ND	10	92	99	7.3				70 - 130	20
Acrylonitrile	ND	5.0	99	107	7.8				70 - 130	20
Benzene	ND	1.0	104	108	3.8				70 - 130	20
Bromobenzene	ND	5.0	98	101	3.0				70 - 130	20
Bromochloromethane	ND	5.0	99	103	4.0				70 - 130	20
Bromodichloromethane	ND	5.0	117	120	2.5				70 - 130	20
Bromoform	ND	5.0	138	146	5.6				70 - 130	20
Bromomethane	ND	5.0	119	125	4.9				70 - 130	20
Carbon Disulfide	ND	5.0	113	118	4.3				70 - 130	20
Carbon tetrachloride	ND	5.0	112	121	7.7				70 - 130	20
Chlorobenzene	ND	5.0	100	102	2.0				70 - 130	20
Chloroethane	ND	5.0	124	131	5.5				70 - 130	20
Chloroform	ND	5.0	100	106	5.8				70 - 130	20
Chloromethane	ND	5.0	113	119	5.2				70 - 130	20
cis-1,2-Dichloroethene	ND	5.0	105	112	6.5				70 - 130	20
cis-1,3-Dichloropropene	ND	5.0	104	105	1.0				70 - 130	20
Dibromochloromethane	ND	3.0	129	131	1.5				70 - 130	20
Dibromomethane	ND	5.0	108	110	1.8				70 - 130	20
Dichlorodifluoromethane	ND	5.0	127	134	5.4				70 - 130	20

QA/QC Data

SDG I.D.: GCS76541

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Ethylbenzene	ND	1.0	97	98	1.0				70 - 130	20
Hexachlorobutadiene	ND	5.0	95	97	2.1				70 - 130	20
Isopropylbenzene	ND	1.0	97	103	6.0				70 - 130	20
m&p-Xylene	ND	2.0	94	96	2.1				70 - 130	20
Methyl ethyl ketone	ND	5.0	90	95	5.4				70 - 130	20
Methyl t-butyl ether (MTBE)	ND	1.0	96	100	4.1				70 - 130	20
Methylene chloride	ND	5.0	110	113	2.7				70 - 130	20
Naphthalene	ND	5.0	96	103	7.0				70 - 130	20
n-Butylbenzene	ND	1.0	100	104	3.9				70 - 130	20
n-Propylbenzene	ND	1.0	97	101	4.0				70 - 130	20
o-Xylene	ND	2.0	95	98	3.1				70 - 130	20
p-Isopropyltoluene	ND	1.0	96	100	4.1				70 - 130	20
sec-Butylbenzene	ND	1.0	97	102	5.0				70 - 130	20
Styrene	ND	5.0	93	95	2.1				70 - 130	20
tert-Butylbenzene	ND	1.0	98	101	3.0				70 - 130	20
Tetrachloroethene	ND	5.0	99	105	5.9				70 - 130	20
Tetrahydrofuran (THF)	ND	5.0	94	103	9.1				70 - 130	20
Toluene	ND	1.0	105	109	3.7				70 - 130	20
trans-1,2-Dichloroethene	ND	5.0	101	106	4.8				70 - 130	20
trans-1,3-Dichloropropene	ND	5.0	91	95	4.3				70 - 130	20
trans-1,4-dichloro-2-butene	ND	5.0	94	104	10.1				70 - 130	20
Trichloroethene	ND	5.0	104	108	3.8				70 - 130	20
Trichlorofluoromethane	ND	5.0	122	128	4.8				70 - 130	20
Trichlorotrifluoroethane	ND	5.0	112	118	5.2				70 - 130	20
Vinyl chloride	ND	5.0	115	123	6.7				70 - 130	20
% 1,2-dichlorobenzene-d4	94	%	101	102	1.0				70 - 130	20
% Bromofluorobenzene	98	%	98	98	0.0				70 - 130	20
% Dibromofluoromethane	98	%	99	97	2.0				70 - 130	20
% Toluene-d8	92	%	105	105	0.0				70 - 130	20

Comment:

The Low Level MS/MSD are not reported for this batch.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

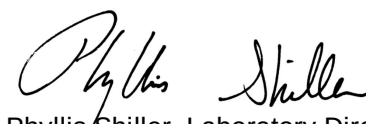
l = This parameter is outside laboratory LCS/LCSD specified recovery limits.

m = This parameter is outside laboratory MS/MSD specified recovery limits.

r = This parameter is outside laboratory RPD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference
- (ISO) - Isotope Dilution


Phyllis Shiller, Laboratory Director
March 20, 2025

Thursday, March 20, 2025
Criteria: None
State: NY

Sample Criteria Exceedances Report
GCS76541 - LABELLA

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



Environmental Laboratories, Inc.
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Analysis Comments

March 20, 2025

SDG I.D.: GCS76541

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

SVOASIM Narration

CHEM33 03/18/25-1: CS76547, CS76548, CS76549, CS76550

The following Initial Calibration compounds did not meet recommended response factors: 2-Methylnaphthalene 0.088 (0.4), Acenaphthene 0.153 (0.9), Acenaphthylene 0.260 (0.9), Anthracene 0.148 (0.7), Benzo(a)pyrene 0.112 (0.7), Benzo(b)fluoranthene 0.123 (0.7), Benzo(ghi)perylene 0.120 (0.5), Benzo(k)fluoranthene 0.150 (0.7), Chrysene 0.175 (0.7), Fluoranthene 0.152 (0.6), Fluorene 0.182 (0.9), Naphthalene 0.129 (0.7), Phenanthrene 0.149 (0.7), Pyrene 0.154 (0.6)

The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet recommended response factors: 2-Methylnaphthalene 0.086 (0.4), Acenaphthene 0.136 (0.9), Acenaphthylene 0.262 (0.9), Anthracene 0.147 (0.7), Benzo(a)pyrene 0.130 (0.7), Benzo(b)fluoranthene 0.137 (0.7), Benzo(ghi)perylene 0.129 (0.5), Benzo(k)fluoranthene 0.155 (0.7), Chrysene 0.156 (0.7), Fluoranthene 0.148 (0.6), Fluorene 0.176 (0.9), Naphthalene 0.123 (0.7), Phenanthrene 0.134 (0.7), Pyrene 0.155 (0.6)

The following Continuing Calibration compounds did not meet minimum response factors: None.

VOA Narration

CHEM02 03/14/25-2: CS76547, CS76548, CS76549, CS76550

The following Initial Calibration compounds did not meet RSD% criteria: Acetone 24% (20%), Bromomethane 25% (20%)

The following Initial Calibration compounds did not meet maximum RSD% criteria: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

CHEM18 03/11/25-1: CS76545

The following Initial Calibration compounds did not meet RSD% criteria: 1,2-Dibromo-3-chloropropane 28% (20%), Acetone 32% (20%), Bromoform 24% (20%), trans-1,4-dichloro-2-butene 22% (20%)

The following Initial Calibration compounds did not meet maximum RSD% criteria: None.

The following Initial Calibration compounds did not meet recommended response factors: Bromoform 0.057 (0.1), Dibromochloromethane 0.180 (0.2)

The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet % deviation criteria: 2,2-Dichloropropane 29%L (20%), Bromoform 35%H (20%), Bromomethane 22%H (20%), Chloroethane 26%H (20%), Dibromochloromethane 29%H (20%), Trichlorofluoromethane 23%H (20%)

The following Continuing Calibration compounds did not meet Maximum % deviation criteria: None.

The following Continuing Calibration compounds did not meet recommended response factors: Bromoform 0.077 (0.1)

The following Continuing Calibration compounds did not meet minimum response factors: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

CHEM31 03/10/25-3: CS76541, CS76542, CS76543, CS76544, CS76546



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Analysis Comments

March 20, 2025

SDG I.D.: GCS76541

The following Initial Calibration compounds did not meet RSD% criteria: Acetone 28% (20%)

The following Initial Calibration compounds did not meet maximum RSD% criteria: None.

The following Initial Calibration compounds did not meet recommended response factors: 1,1,2-Trichloroethane 0.193 (0.2), Ethylbenzene 0.397 (0.4)

The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet % deviation criteria: Carbon tetrachloride 22%L (20%)

The following Continuing Calibration compounds did not meet Maximum % deviation criteria: None.

The following Continuing Calibration compounds did not meet recommended response factors: Bromodichloromethane 0.293 (0.3)

The following Continuing Calibration compounds did not meet minimum response factors: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.



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NY Temperature Narration

March 20, 2025

SDG I.D.: GCS76541

The samples in this delivery group were received at 1.8°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

