Advanced
Cleanup
Technologies
Environmental Consultants

Phase II Environmental Site Assessment

233 and 249 HURON STREET
Brooklyn NY 11222
Tax Map Block: 2524 Lots: 46 & 54

ACT Project No. A712-BKNY

Prepared for:

Cathay Bank
40-14 Main Street
Flushing, NY 11354

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March 2025

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1.0 INTRODUCTION

A Phase II Environmental Site Assessment (Phase II ESA) was performed by Advanced Cleanup Technologies, Inc. (ACT) on February 18, 2025 , at the property located at 233 and 249 Huron Street, Brooklyn NY 11222 ("the Site"). The investigation was performed in accordance with ASTM's Standard Practice for Phase II Environmental Site Assessments (ASTM E1903-19).

The purpose of the Phase II ESA was to determine whether historical industrial operations had impacted the environmental quality of the Site.

Field activities included the installation, screening, and sampling of four soil borings, three monitoring wells, four sub-slab soil vapor probes, and one indoor air sample. A NYSDOH-certified laboratory analyzed all samples collected during the investigation. Soil quality was compared to NYSDEC Unrestricted and Commercial Use Soil Cleanup Objectives (UUSCOs and CSCOs). VOCs detected in indoor air and sub-slab soil vapor were compared to the NYSDOH Air Guideline Values and the sub-slab soil vapor and indoor air Matrices contained in the NYSDOH's soil vapor intrusion guidance (February 2024 update).

The following sections detail the results of the Phase II ESA and our conclusions concerning the environmental quality of the Site.

1.1 Site Location and Current Use

The Site is located in a primarily industrial area in the northern section of Brooklyn. The site is located within the NYSDEC designated "North Brooklyn" Brownfield Opportunity Area. The immediate vicinity of the subject property contains Industrial and mixed-use commercial and residential buildings. The Site is located 1000 ft west of the Newtown Creek. The subject property currently contains a one-story industrial warehouse and a concrete covered yard.

2.0 PHASE II INVESTIGATION ACTIVITIES

ACT performed the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed 4 soil borings across the entire project Site, and collected 4 soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed 4 groundwater monitoring well and collected 3 groundwater sample for chemical analysis to evaluate groundwater quality;
4. Installed 4 soil vapor probes beneath the onsite building and collected 4 samples for chemical analysis.
5. Collected 1 indoor air sample for chemical analysis.

2.1 Boring and Monitoring Wells

Drilling and Soil Logging

On February 18, 2025 Soil borings (SB1 through SB-4) and Monitoring Wells (MW-1 through MW-4) were installed by PG Environmental to a depth of 15 ft bgs utilizing a track-mounted hydraulic Geoprobe drill rig. Groundwater was encountered between 8-10 ft bgs in all 4 soils boring. The soil samples underwent detailed visual examination, field screening with a RKI GX-6000 PhotoIonization Detector (PID) and containerization for laboratory analysis. The PID is capable of detecting organic vapors at concentrations as low as 0.1 parts per million (ppm). A geologist classified the soil to identify properties relevant to the investigation of environmental impacts. The PID did not detect any VOCs in any of the soil borings.

A map showing the location of the soil borings are shown in Figure 1.

Groundwater Monitoring Well Construction

Groundwater quality was determined during the investigation through the installation and sampling of three temporary groundwater monitoring wells (MW-1, MW-3, and MW-4). The location of the temporary wells are depicted in Figure 1.

The groundwater monitoring wells were installed utilizing a track-mounted hydraulic Geoprobe drill rig. The groundwater monitoring wells were constructed of 1-inch diameter well screens from 5-15 ft bgs. For all groundwater monitoring wells, a filter pack consisting of No. 2 well gravel was placed in the annulus of the well screen. A water level meter was used to determine the depth to groundwater.

2.2 Sample Collection and Chemical Analysis

Soil Sampling

For soil borings SB-1 through SB-4, a track-mounted hydraulic Geoprobe drill rig was utilized to advance a macrocore soil sampler from ground surface with a disposable acetate liner. The acetate liner was extracted from the sampler to classify soil stratigraphy. Continuous soil sampling was accomplished by a collection of vertical runs of four-foot cylindrical sections of soil. The sampling equipment was decontaminated with a mixture of rise water and Alconox between soil boring locations. One discrete two-foot intervals(4-6ft) of soil was collected form each boring for laboratory analysis.

The required preservatives were measured by the analytical laboratory, in the appropriate glassware according to the USEPA method 5035. The soil interval to be sampled was containerized in laboratory prepared glassware, which was placed in a cooler until refrigeration.

Four soil samples were collected for chemical analysis during this Phase II. Data on soil sample collection for chemical analyses, including dates of collection and sample depths, is reported in Tables 1 through 3. Figure 1shows the location of samples collected in this investigation. Laboratories and analytical methods are shown below.

Groundwater Sampling

On February 18, 2025, ACT collected three groundwater sample from temporary wells MW-1, MW-3, and MW-4. The groundwater samples were collected after purging each monitoring well of groundwater using a peristaltic pump and disposable polyethylene tubing. The groundwater samples were collected in accordance with NYSDEC low-flow sampling protocols.

The three groundwater samples were transferred into laboratory-supplied sampling containers, refrigerated in a cooler, and transmitter under chain of custody to Phoenix Analytical Laboratories, Inc. Groundwater sample collection data is reported in Tables 4 through 6. Laboratories and analytical methods are shown below.

Soil Vapor and Indoor Air Sampling

On February 18, 2025, ACT installed four sub-soil vapor probes (SS-1 through SS-4) in the first floor of the building at the locations indicated in Figure 1.

Sub-Slab soil vapor samples SS-1 through SS-4 were collected utilizing a power drill, a 1-foot-long drill bit, dedicated Teflon tubing and dedicated Vapor Pin sampling devices . The sub-slab soil vapor probes were be installed to a depth of 2 inches beneath the existing building slab. Sub-slab soil vapor samples were collected over a duration of 4 hours. The regulators were then closed and proper chain-of-custody documentation completed with the initial vacuum, final vacuum, start and end times of the sampling event indicated, which accompanied the samples to Phoenix Environmental Laboratories, Inc. (NYSDOH #11301). The sub-slab soil vapor samples were analyzed for VOCs in accordance with EPA Methods TO-15.

The indoor air sample (IA-1) was collected by placing a sampling container approximately 3 feet above the floor. The 6-Liter stainless steel Summa canister and flow regulator were opened to initiate sample collection. Sampling continued for approximately 4 hours until the canister was almost full, and the regulators were closed. Copies of the field notes generated during the investigation are also enclosed.

Four sub-slab soil vapor samples and One Indoor air sample were collected for chemical analysis during this Phase II ESA. Soil vapor and indoor air sampling locations are shown in Figure 1. Soil vapor and indoor air sample collection data is reported in Table 9. Soil vapor

sampling logs are included in Appendix A. Methodologies used for soil vapor assessment conform to the NYSDOH Final Guidance on Soil Vapor Intrusion, October 2006.

Chemical Analysis

Chemical analytical work presented in this RIR has been performed in the following manner:

Factor	Description
Quality Assurance Officer	The chemical analytical quality assurance is directed by Yisong Yang
Chemical Analytical Laboratory	Chemical analytical laboratory used in the PhAse II is NYS ELAP certified Phoenix Environmental Laboratories, Inc.
Chemical Analytical Methods	Soil analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); Groundwater analytical methods: • Dissolved TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); Soil vapor and indoor air analytical methods: • VOCs by TO-15 VOC parameters..

Results of Chemical Analyses

Laboratory data for soil, groundwater and soil vapor are summarized in Table 1 through 11, respectively. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in Appendix B.

3.0 ENVIRONMENTAL EVALUATION

3.1 Geological and Hydrogeological Conditions

Stratigraphy

Generally, the lithology consisted of dark fine silty sand from 0ft to the terminus of the soil borings at 15 feet bgs. However, in SB-3, historic fill was identified from 0-4 ft bgs.

Hydrogeology

The Site is located approximately is located approximately 1000 feet west of Newtown Creek. The vicinity of the Site is approximately 15 feet above mean sea level. The depth to groundwater at the Site was approximately 8-10 feet below ground surface during this Phase II Investigation. Groundwater beneath the Site is expected to flow east towards Newtown Creek.

3.2 Soil Chemistry

Soil/fill sampling results for the soil samples collected during the Phase II performed by ACT were compared to the New York State Department of Environmental Conservation (NYSDEC) 6NYCRR Part 375 Section 6.8 Unrestricted Use Soil Cleanup Objectives (RRSCOs) and Restricted Commercial Use Soil Cleanup Objectives(CSCOs). Laboratory results from the total of four samples indicated the following:

a. Two VOCs were detected at concentrations in exceedance of their respective Unrestricted Use SCOs. Acetone, was detected above its UUSCO in SB-1 (8-10' bgs.) at 130 µg/kg. Tetrachloroethene(PCE) was detected above its UUSCO in SB-2(0-2') at 6700 µg/kg.
b. Seven SVOCs were detected at concentrations in exceedance of their respective Unrestricted Use SCOs, Benz(a)anthracene (max. 16,000 µg/kg bgs), Benzo(a)pyrene (max. 15,000 µg/kg), Benzo(b)fluoranthene (max.18000µg/kg), Benzo(k)fluoranthene (max. 4,500 µg/kg), Chrysene (max. 14000 µg/kg), Dibenz(a,h)anthracene (max. 1,800 µg/kg), Indeno(1,2,3-cd)pyrene (max.6,900

µg/kg). Of these, Benz(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Dibenz(a,h)anthracene, and Indeno(1,2,3-cd)pyrene also exceeded their respective Commercial Use SCOs.

c. Six metals were detected at concentrations exceeding their respective UUSCOs, including Arsenic (max. 13.4 mg/kg), Barium (max. 685 mg/kg in), Copper (max. 121 mg/kg), Lead (max. 1090 mg/kg), mercury (max. 0.85 mg/kg), and Zinc (). Of these, Barium and Lead exceeded their respective Commercial Use Restricted Residential SCOs.

d. The highest concentrations of SVOC and metal compounds were detected in SB-3 at 0-2 ft bgs. Evidence of urban fill was found from 0 to 4 feet bgs in SB-3 and the concentrations of SVOCs and metals compounds detected in SB-3 are indicative of historic urban fill material.

A summary table of data for chemical analyses performed on soil samples is included in Tables 1 through 3.

3.3 Groundwater Chemistry

Groundwater samples collected were compared to NYSDEC 6NYCRR Part 703.5 Groundwater Quality Standards (GQS). Laboratory results from the total of three samples indicated the following:

- One VOC, cis-1,2-Dichloroethene (32 µg/L) was detected above it GQS in MW-1 at the presumed downgradient well.
- Seven SVOCs, including Phenol(max. 6.6 µg/L in MW-3) Benz(a)anthracene(max. 4.1 µg/L), Benzo(a)pyrene(max. 3.8 µg/L), Benzo(b)fluoranthene (max. 2.8 µg/L), Benzo(k)fluoranthene (max. 2.8 µg/L), Chrysene(max. 4.2 µg/L), Indeno(1,2,3-cd)pyrene (max. 2.6 µg/L) were detected above their respective GQS. With the exception of Phenol, MW-4 contained the maximum concentrations of the exceeding SVOC compounds.
- Four metals were detected in dissolved concentrations in exceedance of their respective GQS, including Iron (max. 8.37 µg/L in MW-1), Magnesium (max.

42.4 µg/L in MW-1), Manganese (max. 10 µg/L in MW-3), Sodium (max. 191 µg/L in MW-4).

A summary table of data for chemical analyses performed on groundwater samples is included in Tables 4 though 6. Exceedances of applicable groundwater standards are shown. Figure 4 shows the location and posts the values for groundwater that exceed the New York State 6NYCRR Part 703.5 Class GA groundwater standards.

3.4 Soil Vapor and Indoor Air Chemistry

Sub-slab soil vapor and Indoor Air samples collected during the Phase II were compared to compounds listed in Soil Vapor/Indoor Air Decision Matrices in the New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion dated February 2024.

- Two Matrix A compounds were detected above NYSDOH concentrations requiring mitigation including Cis-1,2-Dichloroethene at 507 µg/m^3 and Trichloroethene at 490 µg/m^3 in SS-3
- Two Matrix B compounds were detected above NYSDOH concentrations requiring mitigation, including tetrachloroethene (PCE) at 29,500 µg/m^3 and 1,1,1-trichloroethane (1,1,1-TCA) at 509 µg/m^3 in SS-3.

A summary table of data for chemical analyses performed on soil vapor samples is included in Table 7. Figure 2 shows the location and posts the values for soil vapor samples with detected concentrations.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Based upon this investigation, ACT makes the following conclusions concerning the environmental quality of the Site:

1. Elevation of the property is approximately 12 ft above sea level.
2. Depth to groundwater was 8.75 ft bgs at the Site.
3. Groundwater is expected to flow generally from west to east beneath the Site.
4. Soil/fill sampling results for the soil samples collected during the Phase II performed by ACT were compared to the New York State Department of Environmental Conservation (NYSDEC) 6NYCRR Part 375 Section 6.8 Unrestricted Use Soil Cleanup Objectives (RRSCOs) and Restricted Commercial Use Soil Cleanup Objectives(CSCOs)

    e. Two VOCs were detected at concentrations in exceedance of their respective Unrestricted Use SCOs. Acetone, was detected above its UUSCO in SB-1 (8-10' bgs.) at 130 µg/kg. Tetrachloroethene(PCE) was detected above its UUSCO in SB-2(0-2') at 6700 µg/kg.

    f. Seven SVOCs were detected at concentrations in exceedance of their respective Unrestricted Use SCOs, Benz(a)anthracene (max. 16,000 µg/kg), Benzo(a)pyrene (max. 15,000 µg/kg), Benzo(b)fluoranthene (max.18000µg/kg), Benzo(k)fluoranthene (max. 4,500 µg/kg), Chrysene (max. 14000 µg/kg), Dibenz(a,h)anthracene (max. 1,800 µg/kg), Indeno(1,2,3-cd)pyrene (max.6,900 µg/kg). Of these, Benz(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Dibenz(a,h)anthracene, and Indeno(1,2,3-cd)pyrene also exceeded their respective Commercial Use SCOs.

    g. Six metals were detected at concentrations exceeding their respective UUSCOs, including Arsenic (max. 13.4 mg/kg), Barium (max. 685 mg/kg in), Copper (max. 121 mg/kg), Lead (max. 1090 mg/kg), mercury (max. 0.85 mg/kg), and Zinc (). Of these, Barium and Lead exceeded their respective Commercial Use Restricted Residential SCOs.

h. The highest concentrations of SVOC and metal compounds were detected in SB-3 at 0-2 ft bgs. Evidence of urban fill was found from 0 to 4 feet bgs in SB-3 and the concentrations of SVOCs and metals compounds detected in SB-3 are indicative of historic urban fill material.

5. Groundwater samples collected were compared to NYSDEC 6NYCRR Part 703.5 Groundwater Quality Standards (GQS).

- One VOC, cis-1,2-Dichloroethene (32 µg/L) was detected above it GQS in MW-1 at the presumed downgradient well.
- Seven SVOCs, including Phenol(max. 6.6 µg/L in MW-3) Benz(a)anthracene(max. 4.1 µg/L), Benzo(a)pyrene(max. 3.8 µg/L), Benzo(b)fluoranthene (max. 2.8 µg/L), Benzo(k)fluoranthene (max. 2.8 µg/L), Chrysene(max. 4.2 µg/L), Indeno(1,2,3-cd)pyrene (max. 2.6 µg/L) were detected above their respective GQS. With the exception of Phenol, MW-4 contained the maximum concentrations of the exceeding SVOC compounds.
- Four metals were detected in dissolved concentrations in exceedance of their respective GQS, including Iron (max. 8.37 µg/L in MW-1), Magnesium (max. 42.4 µg/L in MW-1), Manganese (max. 10 µg/L in MW-3), Sodium (max. 191 µg/L in MW-4).

6. Sub-slab soil vapor samples collected during the Phase II were compared to compounds listed in Soil Vapor/Indoor Air Decision Matrices in the New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion dated February 2024.

- Two Matrix A compounds were detected above NYSDOH concentrations requiring mitigation including Cis-1,2-Dichloroethene at 507 µg/m^3 and Trichloroethene at 490 µg/m^3 in SS-3

- Two Matrix B compounds were detected above NYSDOH concentrations requiring mitigation, including tetrachloroethene (PCE) at 29,500 µg/m^3 and 1,1,1-trichloroethane (1,1,1-TCA) at 509 µg/m^3 in SS-3.

7. The concentrations of CVOCs PCE, TCE, 1,1,1-TCA and Cis 1,2 DCE in soil vapor are indicative of an onsite source of soil and groundwater contamination. In addition, PCE was detected in SB-2 in shallow soil above UUSCOs. Furthermore Cis 1,2 DCE, which is a breakdown product of PCE, was detected in groundwater from the downgradient monitoring well above regulatory limits.
8. A sub-slab depressurization system should be installed beneath the subject property to mitigate the soil vapor intrusion condition at the Site.
9. The property owner should enter into the NYSDEC Brownfield Cleanup Program or a consent order to investigate and remediate the contamination beneath the Site.

FIGURES

Notes

Legend	
IA-1	Indoor Air Sample
SS-1	Sub-Slab Vapor Sample
SV-1	Soil Vapor Sample
OA-1	Outdoor Air Sample
SB-1	Soil Boring
MW-1	Monitoring Well

Title
Sampling Diagram

No.	Revision/Issue	Date

228 Park Ave S PMB 34864
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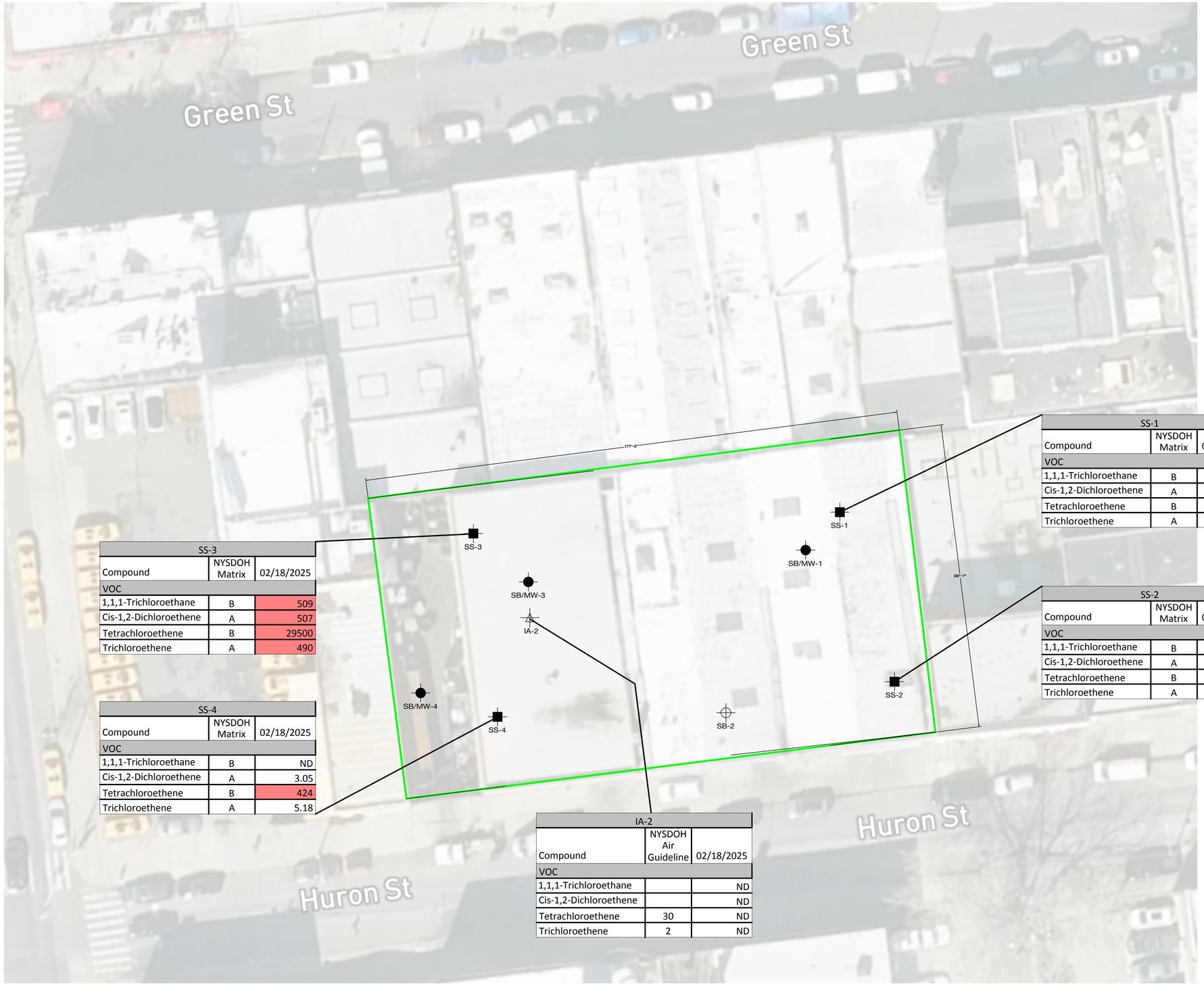
Project Name and Address

A712-BKNY
247 Huron Street
Brooklyn, NY
11222

Project	Figure
A712-BKNY	1
Date: 8/12/2025	
Scale: As Noted	



SS-1		
Compound	NYSDOH Matrix	02/18/2025
VOC		
1,1,1-Trichloroethane	B	ND
Cis-1,2-Dichloroethene	A	ND
Tetrachloroethene	B	23.4
Trichloroethene	A	ND

SS-3		
Compound	NYSDOH Matrix	02/18/2025
VOC		
1,1,1-Trichloroethane	B	509
Cis-1,2-Dichloroethene	A	507
Tetrachloroethene	B	29500
Trichloroethene	A	490

SS-2		
Compound	NYSDOH Matrix	02/18/2025
VOC		
1,1,1-Trichloroethane	B	6.16
Cis-1,2-Dichloroethene	A	ND
Tetrachloroethene	B	71.8
Trichloroethene	A	3.63

SS-4		
Compound	NYSDOH Matrix	02/18/2025
VOC		
1,1,1-Trichloroethane	B	ND
Cis-1,2-Dichloroethene	A	3.05
Tetrachloroethene	B	424
Trichloroethene	A	5.18

IA-2		
Compound	NYSDOH Air Guideline	02/18/2025
VOC		
1,1,1-Trichloroethane		ND
Cis-1,2-Dichloroethene		ND
Tetrachloroethene	30	ND
Trichloroethene	2	ND

Notes

Units: ug/m^3

Legend	
IA-1	Indoor Air Sample
SS-1	Sub-Slab Vapor Sample
SV-1	Soil Vapor Sample
OA-1	Outdoor Air Sample
SB-1	Soil Boring
MW-1	Monitoring Well

Title
Soil Vapor and Indoor Air Spider Diagram

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SB-3 (0-2')			
Compound	CSCO	UUSCO	02/18/2025
SVOCS			
Benz(a)anthracene	5600	1000	16000
Benzo(a)pyrene	1000	1000	15000
Benzo(b)fluoranthene	5600	1000	18000
Benzo(k)fluoranthene	56000	800	4500
Chrysene	56000	1000	14000
Dibenz(a,h)anthracene	560	330	1800
Indeno(1,2,3-cd)pyrene	5600	500	6900
Metals			
Arsenic	16	13	13.4
Barium	400	350	685
Copper	270	50	121
Lead	1000	63	1090
Mercury	2.8	0.18	0.85
Zinc	10000	109	719

SB-4 (0-2')			
Compound	CSCO	UUSCO	02/18/2025
SVOCS			
Benz(a)anthracene	5600	1000	1700
Benzo(a)pyrene	1000	1000	1300
Benzo(b)fluoranthene	5600	1000	1600
Chrysene	56000	1000	1500
Indeno(1,2,3-cd)pyrene	5600	500	710

SB-1 (0-2')			
Compound	CSCO	UUSCO	02/18/2025
SVOCS			
Benz(a)anthracene	5600	1000	1900
Benzo(a)pyrene	1000	1000	1900
Benzo(b)fluoranthene	5600	1000	2300
Chrysene	56000	1000	1900
Indeno(1,2,3-cd)pyrene	5600	500	920
Metals			
Arsenic	16	13	95.4
Lead	1000	63	169
Mercury	2.8	0.18	0.26
Zinc	10000	109	115
SB-1 (8-10`)			
VOCs			
Acetone	500000	50	130

SB-2 (0-2')			
Compound	CSCO	UUSCO	02/18/2025
VOCs			
Tetrachloroethene	150000	1300	6700

Notes

Units: ug/kg
Metals Units: mg/kg

Legend

IA-1	Indoor Air Sample
SS-1	Sub-Slab Vapor Sample
SV-1	Soil Vapor Sample
OA-1	Outdoor Air Sample
SB-1	Soil Boring
MW-1	Monitoring Well

Title
Soil Spider Diagram

No.	Revision/Issue	Date

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MW-3		
Compound	TOGS	02/18/2025
SVOCS		
Phenol	1	6.6
Benz(a)anthracene	0.002	0.07
Benzo(a)pyrene	0.002	0.03
Benzo(b)fluoranthene	0.002	0.06
Benzo(k)fluoranthene	0.002	0.05
Chrysene	0.002	0.09
Metals		
Manganese (Dissolved)	0.3	10
Sodium (Dissolved)	20	191

MW-4		
Compound	TOGS	02/18/2025
SVOCS		
Phenol	1	2.1
Benz(a)anthracene	0.002	4.1
Benzo(a)pyrene	0.002	3.8
Benzo(b)fluoranthene	0.002	2.8
Benzo(k)fluoranthene	0.002	2.8
Chrysene	0.002	4.2
Indeno(1,2,3-cd)pyrene	0.002	2.6
Metals		
Manganese (Dissolved)	0.3	1.01
Sodium (Dissolved)	20	71.7

MW-1		
Compound	TOGS	02/18/2025
VOCS		
cis-1,2-Dichloroethene	5	32
Metals		
Iron (Dissolved)	0.3	8.37
Magnesium (Dissolved)	35	42.4
Manganese (Dissolved)	0.3	3.28
Sodium (Dissolved)	20	146

Notes

Units: ug/L

Legend	
IA-1	Indoor Air Sample
SS-1	Sub-Slab Vapor Sample
SV-1	Soil Vapor Sample
OA-1	Outdoor Air Sample
SB-1	Soil Boring
MW-1	Monitoring Well

Title
Groundwater Spider Diagram

No.	Revision/Issue	Date

228 Park Ave S PMB 34864
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Project Name and Address

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247 Huron Street
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11222

Project	Figure
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Date: 8/12/2025	
Scale: As Noted	

TABLES

Table 1

Volatile Organic Compounds in Soil (ug/Kg - dry)

EPA Method: 8260

247 Huron Street, Brooklyn, NY 11222

Phoenix Environmental Laboratories, Inc. 587 East Middle Turnpike P.O. Box 370 Manchester, CT 06040 (860) 645-1102 Project Id : A712 BKNY	Lab Sample Id Collection Date Client Id Matrix				CS66578 2/18/25 SB-1 (0-2`) Soil		CS66579 2/18/25 SB-1 (8-10`) Soil		CS66580 2/18/25 SB-2 (0-2`) Soil		CS66581 2/18/25 SB-2 (8-10`) Soil		CS66582 2/18/25 SB-3 (0-2`) Soil		CS66583 2/18/25 SB-3 (7-9`) Soil		CS66584 2/18/25 SB-4 (0-2`) Soil		CS66585 2/18/25 SB-4 (7-9`) Soil	
	CAS	Units	NY-Com.	NY-UnRestricted SCO	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Volatiles By SW8260D																				
1,1,1,2-Tetrachloroethane	630-20-6	ug/Kg			<5.5	5.5	<9.0	9.0	<6.4	6.4	<6.3	6.3	<6.8	6.8	<5.2	5.2	<5.0	5.0	<4.8	4.8
1,1,1-Trichloroethane	71-55-6	ug/Kg	500,000	680	<5.5	5.5	<9.0	9.0	<6.4	6.4	<6.3	6.3	<6.8	6.8	<5.2	5.2	<5.0	5.0	<4.8	4.8
1,1,2,2-Tetrachloroethane	79-34-5	ug/Kg			<5.5	5.5	<530	530	<350	350	<6.3	6.3	<370	370	<5.2	5.2	<5.0	5.0	<4.8	4.8
1,1,2-Trichloroethane	79-00-5	ug/Kg			<5.5	5.5	<9.0	9.0	<6.4	6.4	<6.3	6.3	<6.8	6.8	<5.2	5.2	<5.0	5.0	<4.8	4.8
1,1-Dichloroethane	75-34-3	ug/Kg	240,000	270	<5.5	5.5	<9.0	9.0	<6.4	6.4	<6.3	6.3	<6.8	6.8	<5.2	5.2	<5.0	5.0	<4.8	4.8
1,1-Dichloroethene	75-35-4	ug/Kg	500,000	330	<5.5	5.5	<9.0	9.0	<6.4	6.4	<6.3	6.3	<6.8	6.8	<5.2	5.2	<5.0	5.0	<4.8	4.8
1,1-Dichloropropene	563-58-6	ug/Kg			<5.5	5.5	<9.0	9.0	<6.4	6.4	<6.3	6.3	<6.8	6.8	<5.2	5.2	<5.0	5.0	<4.8	4.8
1,2,3-Trichlorobenzene	87-61-6	ug/Kg			<5.5	5.5	<530	530	<350	350	<6.3	6.3	<370	370	<5.2	5.2	<5.0	5.0	<4.8	4.8
1,2,3-Trichloropropane	96-18-4	ug/Kg			<5.5	5.5	<530	530	<350	350	<6.3	6.3	<370	370	<5.2	5.2	<5.0	5.0	<4.8	4.8
1,2,4-Trichlorobenzene	120-82-1	ug/Kg			<5.5	5.5	<530	530	<350	350	<6.3	6.3	<370	370	<5.2	5.2	<5.0	5.0	<4.8	4.8
1,2,4-Trimethylbenzene	95-63-6	ug/Kg	190,000	3,600	<5.5	5.5	<530	530	<350	350	<6.3	6.3	<370	370	<5.2	5.2	<5.0	5.0	<4.8	4.8
1,2-Dibromo-3-chloropropane	96-12-8	ug/Kg			<5.5	5.5	<530	530	<350	350	<6.3	6.3	<370	370	<5.2	5.2	<5.0	5.0	<4.8	4.8
1,2-Dibromoethane	106-93-4	ug/Kg			<5.5	5.5	<9.0	9.0	<6.4	6.4	<6.3	6.3	<6.8	6.8	<5.2	5.2	<5.0	5.0	<4.8	4.8
1,2-Dichlorobenzene	95-50-1	ug/Kg	500,000	1,100	<5.5	5.5	<530	530	<350	350	<6.3	6.3	<370	370	<5.2	5.2	<5.0	5.0	<4.8	4.8
1,2-Dichloroethane	107-06-2	ug/Kg	30,000	20	<5.5	5.5	<9.0	9.0	<6.4	6.4	<6.3	6.3	<6.8	6.8	<5.2	5.2	<5.0	5.0	<4.8	4.8
1,2-Dichloropropane	78-87-5	ug/Kg			<5.5	5.5	<9.0	9.0	<6.4	6.4	<6.3	6.3	<6.8	6.8	<5.2	5.2	<5.0	5.0	<4.8	4.8
1,3,5-Trimethylbenzene	108-67-8	ug/Kg	190,000	8,400	<5.5	5.5	<530	530	<350	350	<6.3	6.3	<370	370	<5.2	5.2	<5.0	5.0	<4.8	4.8
1,3-Dichlorobenzene	541-73-1	ug/Kg	280,000	2,400	<5.5	5.5	<530	530	<350	350	<6.3	6.3	<370	370	<5.2	5.2	<5.0	5.0	<4.8	4.8
1,3-Dichloropropane	142-28-9	ug/Kg			<5.5	5.5	<9.0	9.0	<6.4	6.4	<6.3	6.3	<6.8	6.8	<5.2	5.2	<5.0	5.0	<4.8	4.8
1,4-Dichlorobenzene	106-46-7	ug/Kg	130,000	1,800	<5.5	5.5	<530	530	<350	350	<6.3	6.3	<370	370	<5.2	5.2	<5.0	5.0	<4.8	4.8
2,2-Dichloropropane	594-20-7	ug/Kg			<5.5	5.5	<9.0	9.0	<6.4	6.4	<6.3	6.3	<6.8	6.8	<5.2	5.2	<5.0	5.0	<4.8	4.8
2-Chlorotoluene	95-49-8	ug/Kg			<5.5	5.5	<530	530	<350	350	<6.3	6.3	<370	370	<5.2	5.2	<5.0	5.0	<4.8	4.8
2-Hexanone	591-78-6	ug/Kg			<28	28	<45	45	<32	32	<31	31	<34	34	<26	26	<25	25	<24	24
2-Isopropyltoluene	527-84-4	ug/Kg			<5.5	5.5	<530	530	<350	350	<6.3	6.3	<370	370	<5.2	5.2	<5.0	5.0	<4.8	4.8
4-Chlorotoluene	106-43-4	ug/Kg			<5.5	5.5	<530	530	<350	350	<6.3	6.3	<370	370	<5.2	5.2	<5.0	5.0	<4.8	4.8
4-Methyl-2-pentanone	108-10-1	ug/Kg			<28	28	<45	45	<32	32	<31	31	<34	34	<26	26	<25	25	<24	24
Acetone	67-64-1	ug/Kg	500,000	50	<28	28	130	45	<32	32	40	31	<34	34	<26	26	<25	25	<24	24
Acrylonitrile	107-13-1	ug/Kg			<11	11	<18	18	<13	13	<13	13	<14	14	<10	10	<10	10	<9.6	9.6
Benzene	71-43-2	ug/Kg	44,000	60	<5.5	5.5	<9.0	9.0	<6.4	6.4	<6.3	6.3	<6.8	6.8	<5.2	5.2	<5.0	5.0	<4.8	4.8
Bromobenzene	108-86-1	ug/Kg			<5.5	5.5	<530	530	<350	350	<6.3	6.3	<370	370	<5.2	5.2	<5.0	5.0	<4.8	4.8
Bromochloromethane	74-97-5	ug/Kg			<5.5	5.5	<9.0	9.0	<6.4	6.4	<6.3	6.3	<6.8	6.8	<5.2	5.2	<5.0	5.0	<4.8	4.8
Bromodichloromethane	75-27-4	ug/Kg			<5.5	5.5	<9.0	9.0	<6.4	6.4	<6.3	6.3	<6.8	6.8	<5.2	5.2	<5.0	5.0	<4.8	4.8
Bromoform	75-25-2	ug/Kg			<5.5	5.5	<9.0	9.0	<6.4	6.4	<6.3	6.3	<6.8	6.8	<5.2	5.2	<5.0	5.0	<4.8	4.8
Bromomethane	74-83-9	ug/Kg			<5.5	5.5	<9.0	9.0	<6.4	6.4	<6.3	6.3	<6.8	6.8	<5.2	5.2	<5.0	5.0	<4.8	4.8
Carbon Disulfide	75-15-0	ug/Kg			<5.5	5.5	<9.0	9.0	<6.4	6.4	<6.3	6.3	<6.8	6.8	<5.2	5.2	<5.0	5.0	<4.8	4.8
Carbon tetrachloride	56-23-5	ug/Kg	22,000	760	<5.5	5.5	<9.0	9.0	<6.4	6.4	<6.3	6.3	<6.8	6.8	<5.2	5.2	<5.0	5.0	<4.8	4.8
Chlorobenzene	108-90-7	ug/Kg	500,000	1,100	<5.5	5.5	<9.0	9.0	<6.4	6.4	<6.3	6.3	<6.8	6.8	<5.2	5.2	<5.0	5.0	<4.8	4.8
Chloroethane	75-00-3	ug/Kg			<5.5	5.5	<9.0	9.0	<6.4	6.4	<6.3	6.3	<6.8	6.8	<5.2	5.2	<5.0	5.0	<4.8	4.8
Chloroform	67-66-3	ug/Kg	350,000	370	<5.5	5.5	<9.0	9.0	<6.4	6.4	<6.3	6.3	<6.8	6.8	<5.2	5.2	<5.0	5.0	<4.8	4.8
Chloromethane	74-87-3	ug/Kg			<5.5	5.5	<9.0	9.0	<6.4	6.4	<6.3	6.3	<6.8	6.8	<5.2	5.2	<5.0	5.0	<4.8	4.8
cis-1,2-Dichloroethene	156-59-2	ug/Kg	500,000	250	<5.5	5.5	<9.0	9.0	<6.4	6.4	7.5	6.3	<6.8	6.8	<5.2	5.2	<5.0	5.0	<4.8	4.8
cis-1,3-Dichloropropene	10061-01-5	ug/Kg			<5.5	5.5	<9.0	9.0	<6.4	6.4	<6.3	6.3	<6.8	6.8	<5.2	5.2	<5.0	5.0	<4.8	4.8
Dibromochloromethane	124-48-1	ug/Kg			<5.5	5.5	<9.0	9.0	<6.4	6.4	<6.3	6.3	<6.8	6.8	<5.2	5.2	<5.0	5.0	<4.8	4.8
Dibromomethane	74-95-3	ug/Kg			<5.5	5.5	<9.0	9.0	<6.4	6.4	<6.3	6.3	<6.8	6.8	<5.2	5.2	<5.0	5.0	<4.8	4.8
Dichlorodifluoromethane	75-71-8	ug/Kg			<5.5	5.5	<9.0	9.0	<6.4	6.4	<6.3	6.3	<6.8	6.8	<5.2	5.2	<5.0	5.0	<4.8	4.8
Ethylbenzene	100-41-4	ug/Kg	390,000	1,000	<5.5	5.5	<9.0	9.0	<6.4	6.4	<6.3	6.3	<6.8	6.8	<5.2	5.2	<5.0	5.0	<4.8	4.8
Hexachlorobutadiene	87-68-3	ug/Kg			<5.5	5.5	<530	530	<350	350	<6.3	6.3	<370	370	<5.2	5.2	<5.0	5.0	<4.8	4.8
Isopropylbenzene	98-82-8	ug/Kg			<5.5	5.5	<530	530	<350	350	<6.3	6.3	<370	370	<5.2	5.2	<5.0	5.0	<4.8	4.8
m&p-Xylene	179601-23-1	ug/Kg			<5.5	5.5	<9.0	9.0	<6.4	6.4	<6.3	6.3	<6.8	6.8	<5.2	5.2	<5.0	5.0	<4.8	4.8
Methyl Ethyl Ketone	78-93-3	ug/Kg	500,000	120	<28	28	<45	45	<32	32	<31	31	<34	34	<26	26	<25	25	<24	24
Methyl t-butyl ether (MTBE)	1634-04-4	ug/Kg	500,000	930	<11	11	<18	18	<13	13	<13	13	<14	14	<10	10	<10	10	<9.6	9.6
Methylene chloride	75-09-2	ug/Kg	500,000	50	<11	11	<18	18	<13	13	<13	13	<14	14	<10	10	<10	10	<9.6	9.6
Naphthalene	91-20-3	ug/Kg	500,000	12,000	<5.5	5.5	<530	530	<350	350	<6.3	6.3	640	370	<5.2	5.2	<5.0	5.0	<4.8	4.8
n-Butylbenzene	104-51-8	ug/Kg	500,000	12,000	<5.5	5.5	<530	530	<350	350	<6.3	6.3	<370	370	<5.2	5.2	<5.0	5.0	<4.8	4.8
n-Propylbenzene	103-65-1	ug/Kg	500,000	3,900	<5.5	5.5	<530	530	<350	350	<6.3	6.3	<370	370	<5.2	5.2	<5.0	5.0	<4.8	4.8
o-Xylene	95-47-6	ug/Kg			<5.5	5.5	<9.0	9.0	<6.4	6.4	<6.3	6.3	<6.8	6.8	<5.2	5.2	<5.0	5.0	<4.8	4.8
p-Isopropyltoluene	99-87-6	ug/Kg			<5.5	5.5	<530	530	<350	350	<6.3	6.3	<370	370	<5.2	5.2	<5.0	5.0	<4.8	4.8
sec-Butylbenzene	135-98-8	ug/Kg	500,000	11,000	<5.5	5.5	<530	530	<350	350	<6.3	6.3	<370	370	<5.2	5.2	<5.0	5.0	<4.8	4.8
Styrene	100-42-5	ug/Kg			<5.5	5.5	<9.0	9.0	<6.4	6.4	<6.3	6.3	<6.8	6.8	<5.2	5.2	<5.0	5.0	<4.8	4.8
tert-Butylbenzene	98-06-6	ug/Kg	500,000	5,900	<5.5	5.5	<530	530	<350	350	<6.3	6.3	<370	370	<5.2	5.2	<5.0	5.0	<4.8	4.8
Tetrachloroethene	127-18-4	ug/Kg	150,000	1,300	7.8	5.5	<9.0	9.0	6,700	350	<6.3	6.3	480	370	<5.2	5.2	<5.0	5.0	<4.8	4.8
Tetrahydrofuran (THF)	109-99-9	ug/Kg			<11	11	<18	18	<13	13	<13	13	<14	14	<10	10	<10	10	<9.6	9.6
Toluene	108-88-3	ug/Kg	500,000	700	<5.5	5.5	<9.0	9.0	<6.4	6.4	<6.3	6.3	<6.8	6.8	<5.2	5.2	<5.0	5.0	<4.8	4.8
Total Xylenes	1330-20-7	ug/Kg		260	<5.5	5.5	<9.0	9.0	<6.4	6.4	<6.3	6.3	<6.8	6.8	<5.2	5.2	<5.0	5.0	<4.8	4.8
trans-1,2-Dichloroethene	156-60-5	ug/Kg	500,000	190	<5.5	5.5	<9.0	9.0	<6.4	6.4	<6.3	6.3	<6.8	6.8	<5.2	5.2	<5.0	5.0	<4.8	4.8
trans-1,3-Dichloropropene	10061-02-6	ug/Kg			<5.5	5.5	<9.0	9.0	<6.4	6.4	<6.3	6.3	<6.8	6.8	<5.2	5.2	<5.0	5.0	<4.8	4.8
trans-1,4-dichloro-2-butene	110-57-6	ug/Kg			<11	11	<1100	1,100	<700	700	<13	13	<750	750	<10	10	<10	10	<9.6	9.6
Trichloroethene	79-01-6	ug/Kg	200,000	470	<5.5	5.5	<9.0	9.0	<6.4	6.4	<6.3	6.3	<6.8	6.8	<5.2	5.2	<5.0	5.0	<4.8	4.8
Trichlorofluoromethane	75-69-4	ug/Kg			<5.5	5.5	<9.0	9.0	<6.4	6.4	<6.3	6.3	<6.8	6.8	<5.2	5.2	<5.0	5.0	<4.8	4.8
Trichlorotrifluoroethane	76-13-1	ug/Kg			<5.5	5.5	<9.0	9.0	<6.4	6.4	<6.3	6.3	<6.8	6.8	<5.2	5.2	<5.0	5.0	<4.8	4.8
Vinyl chloride	75-01-4	ug/Kg	13,000	20	<5.5	5.5	<9.0	9.0	<6.4	6.4	<6.3	6.3	<6.8	6.8	<5.2	5.2	<5.0	5.0	<4.8	4.8

Result Detected

RL Exceeds Criteria

Result Exceeds Criteria

Table 2

Semi-Volatile Organic Compounds in Soil (ug/Kg - dry)

EPA Method: 8270

247 Huron Street, Brooklyn, NY 11222

Phoenix Environmental Laboratories, Inc. 587 East Middle Turnpike P.O. Box 370 Manchester, CT 06040 (860) 645-1102 Project Id : A712 BKNY	Lab Sample Id Collection Date Client Id Matrix				CS66578 2/18/25 SB-1 (0-2`) Soil		CS66579 2/18/25 SB-1 (8-10`) Soil		CS66580 2/18/25 SB-2 (0-2`) Soil		CS66581 2/18/25 SB-2 (8-10`) Soil		CS66582 2/18/25 SB-3 (0-2`) Soil		CS66583 2/18/25 SB-3 (7-9`) Soil		CS66584 2/18/25 SB-4 (0-2`) Soil		CS66585 2/18/25 SB-4 (7-9`) Soil	
	CAS	Units	NY-Com.	NY-UnRestricted SCO	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Semivolatiles By SW8270E																				
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/Kg			<260	260	<340	340	<260	260	<280	280	<260	260	<290	290	<280	280	<280	280
1,2,4-Trichlorobenzene	120-82-1	ug/Kg			<260	260	<340	340	<260	260	<280	280	<260	260	<290	290	<280	280	<280	280
1,2-Dichlorobenzene	95-50-1	ug/Kg	500,000	1,100	<260	260	<340	340	<260	260	<280	280	<260	260	<290	290	<280	280	<280	280
1,2-Diphenylhydrazine	122-66-7	ug/Kg			<370	370	<480	480	<370	370	<410	410	<380	380	<410	410	<400	400	<400	400
1,3-Dichlorobenzene	541-73-1	ug/Kg	280,000	2,400	<260	260	<340	340	<260	260	<280	280	<260	260	<290	290	<280	280	<280	280
1,4-Dichlorobenzene	106-46-7	ug/Kg	130,000	1,800	<260	260	<340	340	<260	260	<280	280	<260	260	<290	290	<280	280	<280	280
2,2'-Oxybis(1-Chloropropane)	108-60-1	ug/Kg			<260	260	<340	340	<260	260	<280	280	<260	260	<290	290	<280	280	<280	280
2,4,5-Trichlorophenol	95-95-4	ug/Kg			<260	260	<340	340	<260	260	<280	280	<260	260	<290	290	<280	280	<280	280
2,4,6-Trichlorophenol	88-06-2	ug/Kg			<260	260	<340	340	<260	260	<280	280	<260	260	<290	290	<280	280	<280	280
2,4-Dichlorophenol	120-83-2	ug/Kg			<260	260	<340	340	<260	260	<280	280	<260	260	<290	290	<280	280	<280	280
2,4-Dimethylphenol	105-67-9	ug/Kg			<260	260	<340	340	<260	260	<280	280	<260	260	<290	290	<280	280	<280	280
2,4-Dinitrophenol	51-28-5	ug/Kg			<370	370	<480	480	<370	370	<410	410	<380	380	<410	410	<400	400	<400	400
2,4-Dinitrotoluene	121-14-2	ug/Kg			<260	260	<340	340	<260	260	<280	280	<260	260	<290	290	<280	280	<280	280
2,6-Dinitrotoluene	606-20-2	ug/Kg			<260	260	<340	340	<260	260	<280	280	<260	260	<290	290	<280	280	<280	280
2-Chloronaphthalene	91-58-7	ug/Kg			<260	260	<340	340	<260	260	<280	280	<260	260	<290	290	<280	280	<280	280
2-Chlorophenol	95-57-8	ug/Kg			<260	260	<340	340	<260	260	<280	280	<260	260	<290	290	<280	280	<280	280
2-Methylnaphthalene	91-57-6	ug/Kg			<260	260	<340	340	<260	260	<280	280	1,100	260	<290	290	<280	280	<280	280
2-Methylphenol (o-cresol)	95-48-7	ug/Kg	500,000	330	<260	260	<330	330	<260	260	<280	280	<260	260	<290	290	<280	280	<280	280
2-Nitroaniline	88-74-4	ug/Kg			<370	370	<480	480	<370	370	<410	410	<380	380	<410	410	<400	400	<400	400
2-Nitrophenol	88-75-5	ug/Kg			<260	260	<340	340	<260	260	<280	280	<260	260	<290	290	<280	280	<280	280
3&4-Methylphenol (m&p-cresol)	PHNX - M&P CRESOL	ug/Kg		330	<330	330	<330	330	<330	330	<330	330	<330	330	<330	330	<330	330	<330	330
3,3'-Dichlorobenzidine	91-94-1	ug/Kg			<260	260	<340	340	<260	260	<280	280	<260	260	<290	290	<280	280	<280	280
3-Nitroaniline	99-09-2	ug/Kg			<370	370	<480	480	<370	370	<410	410	<380	380	<410	410	<400	400	<400	400
4,6-Dinitro-2-methylphenol	534-52-1	ug/Kg			<370	370	<480	480	<370	370	<410	410	<380	380	<410	410	<400	400	<400	400
4-Bromophenyl phenyl ether	101-55-3	ug/Kg			<370	370	<480	480	<370	370	<410	410	<380	380	<410	410	<400	400	<400	400
4-Chloro-3-methylphenol	59-50-7	ug/Kg			<260	260	<340	340	<260	260	<280	280	<260	260	<290	290	<280	280	<280	280
4-Chloroaniline	106-47-8	ug/Kg			<260	260	<340	340	<260	260	<280	280	<260	260	<290	290	<280	280	<280	280
4-Chlorophenyl phenyl ether	7005-72-3	ug/Kg			<260	260	<340	340	<260	260	<280	280	<260	260	<290	290	<280	280	<280	280
4-Nitroaniline	100-01-6	ug/Kg			<600	600	<780	780	<590	590	<650	650	<600	600	<660	660	<640	640	<630	630
4-Nitrophenol	100-02-7	ug/Kg			<260	260	<340	340	<260	260	<280	280	<260	260	<290	290	<280	280	<280	280
Acenaphthene	83-32-9	ug/Kg	500,000	20,000	510	260	<340	340	<260	260	<280	280	3,000	260	<290	290	410	280	<280	280
Acenaphthylene	208-96-8	ug/Kg	500,000	100,000	<260	260	<340	340	<260	260	<280	280	1,300	260	<290	290	<280	280	<280	280
Acetophenone	98-86-2	ug/Kg			<260	260	<340	340	<260	260	<280	280	<260	260	<290	290	<280	280	<280	280
Aniline	62-53-3	ug/Kg			<370	370	<480	480	<370	370	<410	410	<380	380	<410	410	<400	400	<400	400
Anthracene	120-12-7	ug/Kg	500,000	100,000	910	260	<340	340	310	260	<280	280	5,900	260	<290	290	940	280	<280	280
Benz(a)anthracene	56-55-3	ug/Kg	5,600	1,000	1,900	260	<340	340	630	260	<280	280	16,000	1,300	<290	290	1,700	280	<280	280
Benzidine	92-87-5	ug/Kg			<260	260	<340	340	<260	260	<280	280	<260	260	<290	290	<280	280	<280	280
Benzo(a)pyrene	50-32-8	ug/Kg	1,000	1,000	1,900	260	<340	340	570	260	<280	280	15,000	1,300	<290	290	1,300	280	<280	280
Benzo(b)fluoranthene	205-99-2	ug/Kg	5,600	1,000	2,300	260	<340	340	710	260	<280	280	18,000	1,300	<290	290	1,600	280	<280	280
Benzo(ghi)perylene	191-24-2	ug/Kg	500,000	100,000	950	260	<340	340	300	260	<280	280	6,800	260	<290	290	750	280	<280	280
Benzo(k)fluoranthene	207-08-9	ug/Kg	56,000	800	760	260	<340	340	<260	260	<280	280	4,500	260	<290	290	560	280	<280	280
Benzoic acid	65-85-0	ug/Kg			<750	750	<970	970	<740	740	<810	810	<750	750	<830	830	<800	800	<790	790
Benzyl butyl phthalate	85-68-7	ug/Kg			<260	260	<340	340	<260	260	<280	280	<260	260	<290	290	<280	280	<280	280
Bis(2-chloroethoxy)methane	111-91-1	ug/Kg			<260	260	<340	340	<260	260	<280	280	<260	260	<290	290	<280	280	<280	280
Bis(2-chloroethyl)ether	111-44-4	ug/Kg			<370	370	<480	480	<370	370	<410	410	<380	380	<410	410	<400	400	<400	400
Bis(2-ethylhexyl)phthalate	117-81-7	ug/Kg			<370	370	<480	480	<370	370	<410	410	<380	380	<410	410	<400	400	<400	400
Carbazole	86-74-8	ug/Kg			440	370	<480	480	<370	370	<410	410	2,900	380	<410	410	<400	400	<400	400
Chrysene	218-01-9	ug/Kg	56,000	1,000	1,900	260	<340	340	630	260	<280	280	14,000	1,300	<290	290	1,500	280	<280	280
Dibenz(a,h)anthracene	53-70-3	ug/Kg	560	330	<260	260	<330	330	<260	260	<280	280	1,800	260	<290	290	<280	280	<280	280
Dibenzofuran	132-64-9	ug/Kg	350,000	7,000	310	260	<340	340	<260	260	<280	280	2,000	260	<290	290	350	280	<280	280
Diethyl phthalate	84-66-2	ug/Kg			<260	260	<340	340	<260	260	<280	280	<260	260	<290	290	<280	280	<280	280
Dimethylphthalate	131-11-3	ug/Kg			<260	260	<340	340	<260	260	<280	280	<260	260	<290	290	<280	280	<280	280
Di-n-butylphthalate	84-74-2	ug/Kg			<370	370	<480	480	<370	370	<410	410	<380	380	<410	410	<400	400	<400	400
Di-n-octylphthalate	117-84-0	ug/Kg			<260	260	<340	340	<260	260	<280	280	<260	260	<290	290	<280	280	<280	280
Fluoranthene	206-44-0	ug/Kg	500,000	100,000	4,400	260	<340	340	1,600	260	<280	280	37,000	1,300	<290	290	3,500	280	<280	280
Fluorene	86-73-7	ug/Kg	500,000	30,000	450	260	<340	340	<260	260	<280	280	3,300	260	<290	290	580	280	<280	280
Hexachlorobenzene	118-74-1	ug/Kg	6,000	330	<260	260	<330	330	<260	260	<280	280	<260	260	<290	290	<280	280	<280	280
Hexachlorobutadiene	87-68-3	ug/Kg			<260	260	<340	340	<260	260	<280	280	<260	260	<290	290	<280	280	<280	280
Hexachlorocyclopentadiene	77-47-4	ug/Kg			<260	260	<340	340	<260	260	<280	280	<260	260	<290	290	<280	280	<280	280
Hexachloroethane	67-72-1	ug/Kg			<260	260	<340	340	<260	260	<280	280	<260	260	<290	290	<280	280	<280	280
Indeno(1,2,3-cd)pyrene	193-39-5	ug/Kg	5,600	500	920	260	<340	340	280	260	<280	280	6,900	260	<290	290	710	280	<280	280
Isophorone	78-59-1	ug/Kg			<260	260	<340	340	<260	260	<280	280	<260	260	<290	290	<280	280	<280	280
Naphthalene	91-20-3	ug/Kg	500,000	12,000	<260	260	<340	340	<260	260	<280	280	3,300	260	<290	290	<280	280	<280	280
Nitrobenzene	98-95-3	ug/Kg			<260	260	<340	340	<260	260	<280	280	<260	260	<290	290	<280	280	<280	280
N-Nitrosodimethylamine	62-75-9	ug/Kg			<370	370	<480	480	<370	370	<410	410	<380	380	<410	410	<400	400	<400	400
N-Nitrosodi-n-propylamine	621-64-7	ug/Kg			<260	260	<340	340	<260	260	<280	280	<260	260	<290	290	<280	280	<280	280
N-Nitrosodiphenylamine	86-30-6	ug/Kg			<370	370	<480	480	<370	370	<410	410	<380	380	<410	410	<400	400	<400	400
Pentachloronitrobenzene	82-68-8	ug/Kg			<370	370	<480	480	<370	370	<410	410	<380	380	<410	410	<400	400	<400	400
Pentachlorophenol	87-86-5	ug/Kg	6,700	800	<370	370	<480	480	<370	370	<410	410	<380	380	<410	410	<400	400	<400	400
Phenanthrene	85-01-8	ug/Kg	500,000	100,000	4,200	260	<340	340	1,700	260	<280	280	31,000	1,300	<290	290	4,400	280	<280	280
Phenol	108-95-2	ug/Kg	500,000	330	<260	260	<330	330	<260	260	<280	280	<260	260	<290	290	<280	280	<280	280
Pyrene	129-00-0	ug/Kg	500,000	100,000	3,900	260	<340	340	1,400	260	<280	280	30,000	1,300	<290	290	3,200	280	<280	280
Pyridine	110-86-1	ug/Kg			<370	370	<480	480	<370	370	<410	410	<380	380	<410	410	<400	400	<400	`

Result Detected

RL Exceeds Criteria

Result Exceeds Criteria

Table 3

Metals in Soil (mg/Kg - dry)

EPA Method: 6010

247 Huron Street, Brooklyn, NY 11222

Phoenix Environmental Laboratories, Inc. 587 East Middle Turnpike P.O. Box 370 Manchester, CT 06040 (860) 645-1102 Project Id : A712 BKNY	Lab Sample Id Collection Date Client Id Matrix				CS66578 2/18/25 SB-1 (0-2`) Soil		CS66579 2/18/25 SB-1 (8-10`) Soil		CS66580 2/18/25 SB-2 (0-2`) Soil		CS66581 2/18/25 SB-2 (8-10`) Soil		CS66582 2/18/25 SB-3 (0-2`) Soil		CS66583 2/18/25 SB-3 (7-9`) Soil		CS66584 2/18/25 SB-4 (0-2`) Soil		CS66585 2/18/25 SB-4 (7-9`) Soil	
	CAS	Units	NY-Com.	NY-UnRestricted SCO	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Miscellaneous/Inorganics																				
Percent Solid	PHNX - PCTSOLID	%			89		67		90		81		88		80		82		84	
Metals, Total																				
Aluminum	7429-90-5	mg/Kg			6,500	5.8	13,500	71	9,740	49	7,850	6.2	11,100	54	9,690	62	10,500	62	7,590	5.8
Antimony	7440-36-0	mg/Kg			<3.8	3.8	<4.7	4.7	<3.3	3.3	<4.1	4.1	<3.7	3.7	<4.1	4.1	<4.1	4.1	<3.9	3.9
Arsenic	7440-38-2	mg/Kg	16	13	95.4	0.77	2.72	0.94	4.07	0.65	2.13	0.82	13.4	0.72	3.9	0.82	3.62	0.82	2.87	0.77
Barium	7440-39-3	mg/Kg	400	350	267	0.38	50.7	0.47	42.3	0.33	13.3	0.41	685	0.36	25	0.41	39.8	0.41	28.9	0.39
Beryllium	7440-41-7	mg/Kg	590	7.2	0.5	0.31	0.7	0.38	0.38	0.26	0.43	0.33	0.64	0.29	0.5	0.33	0.63	0.33	0.4	0.31
Cadmium	7440-43-9	mg/Kg	9.3	2.5	0.6	0.38	<0.47	0.47	<0.33	0.33	<0.41	0.41	1.35	0.36	<0.41	0.41	<0.41	0.41	<0.39	0.39
Calcium	7440-70-2	mg/Kg			10,900	5.8	2,910	7.1	1,830	4.9	1,180	6.2	17,000	54	835	6.2	1,070	6.2	827	5.8
Chromium	7440-47-3	mg/Kg			19.7	0.38	16.9	0.47	12.6	0.33	12.1	0.41	28.9	0.36	19.4	0.41	15.9	0.41	11.4	0.39
Cobalt	7440-48-4	mg/Kg			7.46	0.38	5.04	0.47	5.91	0.33	4.94	0.41	8.68	0.36	7.05	0.41	9.33	0.41	6.1	0.39
Copper	7440-50-8	mg/kg	270	50	23.5	0.8	7.9	0.9	15.3	0.7	1.4	0.8	121	0.7	16.3	0.8	14.8	0.8	11.7	0.8
Iron	7439-89-6	mg/kg			33,800	58	14,700	71	18,400	49	27,800	62	27,900	54	21,800	62	19,300	62	17,500	58
Lead	7439-92-1	mg/Kg	1,000	63	169	0.38	10.9	0.47	62.1	0.33	4.57	0.41	1,090	0.36	9.83	0.41	10.2	0.41	5.92	0.39
Magnesium	7439-95-4	mg/Kg			2,020	5.8	2,940	7.1	1,960	4.9	1,370	6.2	3,770	5.4	3,240	6.2	3,080	6.2	2,740	5.8
Manganese	7439-96-5	mg/Kg	10,000	1,600	504	0.38	154	0.47	199	0.33	97.6	0.41	322	0.36	367	0.41	241	0.41	137	0.39
Mercury	7439-97-6	mg/Kg	2.8	0.18	0.26	0.03	<0.04	0.04	0.18	0.03	<0.03	0.03	0.85	0.03	<0.03	0.03	<0.03	0.03	<0.03	0.03
Nickel	7440-02-0	mg/Kg	310	30	14.2	0.38	15.1	0.47	10.8	0.33	8.72	0.41	22.8	0.36	17.4	0.41	14.9	0.41	14.4	0.39
Potassium	9/7/40	mg/Kg			1,080	58	1,100	71	1,580	49	610	62	1,420	54	1,310	62	1,020	62	904	58
Selenium	7782-49-2	mg/Kg	1,500	3.9	<1.5	1.5	<1.9	1.9	<1.3	1.3	<1.6	1.6	<1.4	1.4	<1.6	1.6	<1.6	1.6	<1.5	1.5
Silver	7440-22-4	mg/Kg	1,500	2	<0.38	0.38	<0.47	0.47	<0.33	0.33	<0.41	0.41	<1.3	1.3	<0.41	0.41	<0.41	0.41	<0.39	0.39
Sodium	7440-23-5	mg/Kg			161	5.8	182	7.1	518	4.9	281	6.2	315	5.4	71.1	6.2	76.7	6.2	58.9	5.8
Thallium	7440-28-0	mg/Kg			<3.5	3.5	<4.3	4.3	<2.9	2.9	<3.7	3.7	<3.2	3.2	<3.7	3.7	<3.7	3.7	<3.5	3.5
Vanadium	7440-62-2	mg/Kg			31.2	0.38	20.7	0.47	21.5	0.33	16.9	0.41	38.8	0.36	23	0.41	22.3	0.41	16.9	0.39
Zinc	7440-66-6	mg/Kg	10,000	109	115	0.8	42	0.9	47.5	0.7	16.2	0.8	719	0.7	105	0.8	64.4	0.8	35	0.8

Result Detected

RL Exceeds Criteria

Result Exceeds Criteria

Table 4

Volatile Organic Compounds in Groundwater (ug/L)

EPA Method: 8260

247 Huron Street, Brooklyn, NY 11222

Phoenix Environmental Laboratories, Inc. 587 East Middle Turnpike P.O. Box 370 Manchester, CT 06040 (860) 645-1102 Project Id : A712 BKNY	Lab Sample Id Collection Date Client Id Matrix					CS66586 2/18/25 MW-1 Ground Wate		CS66587 2/18/25 MW-3 Ground Water		CS66588 2/18/25 MW-4 Ground Wate	
	CAS	Units	TAGM-GW	TOGS 1.1.1 WQ/GA Table 1		Result	RL	Result	RL	Result	RL
Volatiles By SW8260D											
1,1,1,2-Tetrachloroethane	630-20-6	ug/L		5		<5.0	5.0	<1.0	1.0	<1.0	1.0
1,1,1-Trichloroethane	71-55-6	ug/L	5	5		<5.0	5.0	<1.0	1.0	<1.0	1.0
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5	5		<2.5	2.5	<0.50	0.50	<0.50	0.50
1,1,2-Trichloroethane	79-00-5	ug/L		1		<1.0	1.0	<1.0	1.0	<1.0	1.0
1,1-Dichloroethane	75-34-3	ug/L	5	5		<5.0	5.0	1	1.0	<1.0	1.0
1,1-Dichloroethene	75-35-4	ug/L	5	5		<5.0	5.0	<1.0	1.0	<1.0	1.0
1,1-Dichloropropene	563-58-6	ug/L		5		<5.0	5.0	<1.0	1.0	<1.0	1.0
1,2,3-Trichlorobenzene	87-61-6	ug/L				<5.0	5.0	<1.0	1.0	<1.0	1.0
1,2,3-Trichloropropane	96-18-4	ug/L	5	0.04		<1.0	1.0	<0.25	0.25	<0.25	0.25
1,2,4-Trichlorobenzene	120-82-1	ug/L				<5.0	5.0	<1.0	1.0	<1.0	1.0
1,2,4-Trimethylbenzene	95-63-6	ug/L		5		<5.0	5.0	<1.0	1.0	<1.0	1.0
1,2-Dibromo-3-chloropropane	96-12-8	ug/L		0.04		<1.0	1.0	<0.50	0.50	<0.50	0.50
1,2-Dibromoethane	106-93-4	ug/L		0.0006		<1.0	1.0	<0.25	0.25	<0.25	0.25
1,2-Dichlorobenzene	95-50-1	ug/L	4.7			<4.7	4.7	<1.0	1.0	<1.0	1.0
1,2-Dichloroethane	107-06-2	ug/L	5	0.6		<0.6	0.6	<0.60	0.60	<0.60	0.60
1,2-Dichloropropane	78-87-5	ug/L		1		<1.0	1.0	<1.0	1.0	<1.0	1.0
1,3,5-Trimethylbenzene	108-67-8	ug/L		5		<5.0	5.0	<1.0	1.0	<1.0	1.0
1,3-Dichlorobenzene	541-73-1	ug/L	5	3		<3.0	3.0	<1.0	1.0	<1.0	1.0
1,3-Dichloropropane	142-28-9	ug/L	5	5		<5.0	5.0	<1.0	1.0	<1.0	1.0
1,4-Dichlorobenzene	106-46-7	ug/L	5			<5.0	5.0	<1.0	1.0	<1.0	1.0
2,2-Dichloropropane	594-20-7	ug/L		5		<5.0	5.0	<1.0	1.0	<1.0	1.0
2-Chlorotoluene	95-49-8	ug/L		5		<5.0	5.0	<1.0	1.0	<1.0	1.0
2-Hexanone	591-78-6	ug/L		50		<25	25	<5.0	5.0	<5.0	5.0
2-Isopropyltoluene	527-84-4	ug/L		5		<5.0	5.0	<1.0	1.0	<1.0	1.0
4-Chlorotoluene	106-43-4	ug/L		5		<5.0	5.0	<1.0	1.0	<1.0	1.0
4-Methyl-2-pentanone	108-10-1	ug/L	50			<25	25	<5.0	5.0	<5.0	5.0
Acetone	67-64-1	ug/L	50	50		<50	50	<25	25	<25	25
Acrylonitrile	107-13-1	ug/L		5		<5.0	5.0	<1.0	1.0	<1.0	1.0
Benzene	71-43-2	ug/L	0.7	1		<0.7	0.7	<0.70	0.70	<0.70	0.70
Bromobenzene	108-86-1	ug/L		5		<5.0	5.0	<1.0	1.0	<1.0	1.0
Bromochloromethane	74-97-5	ug/L		5		<5.0	5.0	<1.0	1.0	<1.0	1.0
Bromodichloromethane	75-27-4	ug/L		50		<2.5	2.5	<0.50	0.50	<0.50	0.50
Bromoform	75-25-2	ug/L		50		<5.0	5.0	<1.0	1.0	<1.0	1.0
Bromomethane	74-83-9	ug/L		5		<5.0	5.0	<1.0	1.0	<1.0	1.0
Carbon Disulfide	75-15-0	ug/L	50			<25	25	<5.0	5.0	<5.0	5.0
Carbon tetrachloride	56-23-5	ug/L	5	5		<5.0	5.0	<1.0	1.0	<1.0	1.0
Chlorobenzene	108-90-7	ug/L	5	5		<5.0	5.0	<1.0	1.0	<1.0	1.0
Chloroethane	75-00-3	ug/L	50	5		<5.0	5.0	<1.0	1.0	<1.0	1.0
Chloroform	67-66-3	ug/L	7	7		<5.0	5.0	<1.0	1.0	<1.0	1.0
Chloromethane	74-87-3	ug/L		5		<5.0	5.0	<1.0	1.0	<1.0	1.0
cis-1,2-Dichloroethene	156-59-2	ug/L		5		32	5.0	4.2	1.0	<1.0	1.0
cis-1,3-Dichloropropene	10061-01-5	ug/L		0.4		<0.4	0.4	<0.40	0.40	<0.40	0.40
Dibromochloromethane	124-48-1	ug/L	50	50		<2.5	2.5	<0.50	0.50	<0.50	0.50
Dibromomethane	74-95-3	ug/L		5		<5.0	5.0	<1.0	1.0	<1.0	1.0
Dichlorodifluoromethane	75-71-8	ug/L		5		<5.0	5.0	<1.0	1.0	<1.0	1.0
Ethylbenzene	100-41-4	ug/L	5	5		<5.0	5.0	<1.0	1.0	<1.0	1.0
Hexachlorobutadiene	87-68-3	ug/L		0.5		<0.5	0.5	<0.40	0.40	<0.40	0.40
Isopropylbenzene	98-82-8	ug/L		5		<5.0	5.0	<1.0	1.0	<1.0	1.0
m&p-Xylene	179601-23-1	ug/L				<5.0	5.0	<1.0	1.0	<1.0	1.0
Methyl ethyl ketone	78-93-3	ug/L	50	50		<25	25	<5.0	5.0	<5.0	5.0
Methyl t-butyl ether (MTBE)	1634-04-4	ug/L				21	5.0	19	1.0	15	1.0
Methylene chloride	75-09-2	ug/L	5	5		<5.0	5.0	<1.0	1.0	<1.0	1.0
Naphthalene	91-20-3	ug/L	5	10		<5.0	5.0	<1.0	1.0	<1.0	1.0
n-Butylbenzene	104-51-8	ug/L		5		<5.0	5.0	<1.0	1.0	<1.0	1.0
n-Propylbenzene	103-65-1	ug/L		5		<5.0	5.0	<1.0	1.0	<1.0	1.0
o-Xylene	95-47-6	ug/L	5	5		<5.0	5.0	<1.0	1.0	<1.0	1.0
p-Isopropyltoluene	99-87-6	ug/L		5		<5.0	5.0	<1.0	1.0	<1.0	1.0
sec-Butylbenzene	135-98-8	ug/L		5		<5.0	5.0	<1.0	1.0	<1.0	1.0
Styrene	100-42-5	ug/L		5		<5.0	5.0	<1.0	1.0	<1.0	1.0
tert-Butylbenzene	98-06-6	ug/L		5		<5.0	5.0	<1.0	1.0	<1.0	1.0
Tetrachloroethene	127-18-4	ug/L	5	5		<5.0	5.0	1.3	1.0	<1.0	1.0
Tetrahydrofuran (THF)	109-99-9	ug/L		50		<13	13	<2.5	2.5	<2.5	2.5
Toluene	108-88-3	ug/L	5	5		<5.0	5.0	<1.0	1.0	<1.0	1.0
Total Xylenes	1330-20-7	ug/L	5	5		<5.0	5.0	<1.0	1.0	<1.0	1.0
trans-1,2-Dichloroethene	156-60-5	ug/L	5	5		<5.0	5.0	<1.0	1.0	<1.0	1.0
trans-1,3-Dichloropropene	10061-02-6	ug/L		0.4		<0.4	0.4	<0.40	0.40	<0.40	0.40
trans-1,4-dichloro-2-butene	110-57-6	ug/L		5		<13	13	<5.0	5.0	<5.0	5.0
Trichloroethene	79-01-6	ug/L	5	5		<5.0	5.0	<1.0	1.0	<1.0	1.0
Trichlorofluoromethane	75-69-4	ug/L		5		<5.0	5.0	<1.0	1.0	<1.0	1.0
Trichlorotrifluoroethane	76-13-1	ug/L	5	5		<5.0	5.0	<1.0	1.0	<1.0	1.0
Vinyl chloride	75-01-4	ug/L	2	2		<2.0	2.0	<1.0	1.0	<1.0	1.0

Result Detected

RL Exceeds Criteria

Result Exceeds Criteria

Table 5

Semi-Volatile Organic Compounds in Groundwater (ug/L)

EPA Method: 8270

247 Huron Street, Brooklyn, NY 11222

Phoenix Environmental Laboratories, Inc. 587 East Middle Turnpike P.O. Box 370 Manchester, CT 06040 (860) 645-1102 Project Id : A712 BKNY	Lab Sample Id Collection Date Client Id Matrix CAS	Units	TAGM-GW	TOGS 1.1.1 WQ/GA Table 1	CS66586 2/18/25 MW-1 Ground Water Result	RL	CS66587 2/18/25 MW-3 Ground Water Result	RL	CS66588 2/18/25 MW-4 Ground Water Result	RL
Semivolatiles By SW8270E										
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L			<3.4	3.4	<3.5	3.5	<3.4	3.4
1,2,4-Trichlorobenzene	120-82-1	ug/L			<4.9	4.9	<5.0	5.0	<4.9	4.9
1,2-Dichlorobenzene	95-50-1	ug/L	4.7		<2.5	2.5	<2.5	2.5	<2.5	2.5
1,2-Diphenylhydrazine	122-66-7	ug/L			<4.9	4.9	<5.0	5.0	<4.9	4.9
1,3-Dichlorobenzene	541-73-1	ug/L	5	3	<2.5	2.5	<2.5	2.5	<2.5	2.5
1,4-Dichlorobenzene	106-46-7	ug/L	5		<2.5	2.5	<2.5	2.5	<2.5	2.5
2,2'-Oxybis(1-Chloropropane)	108-60-1	ug/L		5	<4.9	4.9	<5.0	5.0	<4.9	4.9
2,4,5-Trichlorophenol	95-95-4	ug/L	1	1	<0.98	0.98	<0.99	0.99	<0.98	0.98
2,4,6-Trichlorophenol	88-06-2	ug/L		1	<0.98	0.98	<0.99	0.99	<0.98	0.98
2,4-Dichlorophenol	120-83-2	ug/L	1	1	<0.98	0.98	<0.99	0.99	<0.98	0.98
2,4-Dimethylphenol	105-67-9	ug/L		1	<0.98	0.98	<0.99	0.99	<0.98	0.98
2,4-Dinitrophenol	51-28-5	ug/L	5	1	<0.98	0.98	<0.99	0.99	<0.98	0.98
2,4-Dinitrotoluene	121-14-2	ug/L		5	<4.9	4.9	<5.0	5.0	<4.9	4.9
2,6-Dinitrotoluene	606-20-2	ug/L	5	5	<4.9	4.9	<5.0	5.0	<4.9	4.9
2-Chloronaphthalene	91-58-7	ug/L		10	<4.9	4.9	<5.0	5.0	<4.9	4.9
2-Chlorophenol	95-57-8	ug/L	50	1	<0.98	0.98	<0.99	0.99	<0.98	0.98
2-Methylphenol (o-cresol)	95-48-7	ug/L	5	1	<0.98	0.98	<0.99	0.99	<0.98	0.98
2-Nitroaniline	88-74-4	ug/L	5	5	<4.9	4.9	<5.0	5.0	<4.9	4.9
2-Nitrophenol	88-75-5	ug/L	5	1	<0.98	0.98	<0.99	0.99	<0.98	0.98
3&4-Methylphenol (m&p-cresol)	PHNX - M&P CRESOL	ug/L			<9.8	9.8	<9.9	9.9	<9.8	9.8
3,3'-Dichlorobenzidine	91-94-1	ug/L		5	<4.9	4.9	<5.0	5.0	<4.9	4.9
3-Nitroaniline	99-09-2	ug/L	5	5	<4.9	4.9	<5.0	5.0	<4.9	4.9
4,6-Dinitro-2-methylphenol	534-52-1	ug/L		1	<0.98	0.98	<0.99	0.99	<0.98	0.98
4-Bromophenyl phenyl ether	101-55-3	ug/L			<4.9	4.9	<5.0	5.0	<4.9	4.9
4-Chloro-3-methylphenol	59-50-7	ug/L	5	1	<0.98	0.98	<0.99	0.99	<0.98	0.98
4-Chloroaniline	106-47-8	ug/L	5	5	<4.9	4.9	<5.0	5.0	<4.9	4.9
4-Chlorophenyl phenyl ether	7005-72-3	ug/L			<0.98	0.98	<0.99	0.99	<0.98	0.98
4-Nitroaniline	100-01-6	ug/L		5	<4.9	4.9	<5.0	5.0	<4.9	4.9
4-Nitrophenol	100-02-7	ug/L	5	1	<0.98	0.98	<0.99	0.99	<0.98	0.98
Acetophenone	98-86-2	ug/L			<4.9	4.9	<5.0	5.0	<4.9	4.9
Aniline	62-53-3	ug/L	5	5	<4.9	4.9	<5.0	5.0	<4.9	4.9
Benzidine	92-87-5	ug/L		5	<4.9	4.9	<5.0	5.0	<4.9	4.9
Benzoic acid	65-85-0	ug/L	50		<49	49	<50	50	<49	49
Benzyl butyl phthalate	85-68-7	ug/L	50	50	<4.9	4.9	<5.0	5.0	<4.9	4.9
Bis(2-chloroethoxy)methane	111-91-1	ug/L		5	<4.9	4.9	<5.0	5.0	<4.9	4.9
Bis(2-chloroethyl)ether	111-44-4	ug/L		1	<0.98	0.98	<0.99	0.99	<0.98	0.98
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	50	5	<0.98	0.98	<0.99	0.99	<0.98	0.98
Carbazole	86-74-8	ug/L			<4.9	4.9	<5.0	5.0	<4.9	4.9
Dibenzofuran	132-64-9	ug/L	5		<4.9	4.9	<5.0	5.0	<4.9	4.9
Diethyl phthalate	84-66-2	ug/L	50	50	<4.9	4.9	<5.0	5.0	<4.9	4.9
Dimethylphthalate	131-11-3	ug/L	50	50	<4.9	4.9	<5.0	5.0	<4.9	4.9
Di-n-butylphthalate	84-74-2	ug/L	50	50	<4.9	4.9	<5.0	5.0	<4.9	4.9
Di-n-octylphthalate	117-84-0	ug/L	50	50	<4.9	4.9	<5.0	5.0	<4.9	4.9
Hexachloroethane	67-72-1	ug/L		5	<0.98	0.98	<0.99	0.99	<0.98	0.98
Isophorone	78-59-1	ug/L	50	50	<4.9	4.9	<5.0	5.0	<4.9	4.9
N-Nitrosodi-n-propylamine	621-64-7	ug/L			<4.9	4.9	<5.0	5.0	<4.9	4.9
N-Nitrosodiphenylamine	86-30-6	ug/L		50	<4.9	4.9	<5.0	5.0	<4.9	4.9
Pentachloronitrobenzene	82-68-8	ug/L			<2.5	2.5	<2.5	2.5	<2.5	2.5
Phenanthrene	85-01-8	ug/L	50	50					16	0.05
Phenol	108-95-2	ug/L	1	1	<0.98	0.98	6.6	0.99	2.1	0.98
Semivolatiles (SIM) By SW8270E (SIM)										
2-Methylnaphthalene	91-57-6	ug/L	50		<0.49	0.49	<0.50	0.50	1.1	0.49
Acenaphthene	83-32-9	ug/L	20	20	<0.49	0.49	<0.50	0.50	1.8	0.49
Acenaphthylene	208-96-8	ug/L	20		<0.49	0.49	<0.50	0.50	<0.49	0.49
Anthracene	120-12-7	ug/L	50	50	<0.49	0.49	<0.50	0.50	2.7	0.49
Benz(a)anthracene	56-55-3	ug/L	0.002	0.002	<0.02	0.02	0.07	0.02	4.1	0.02
Benzo(a)pyrene	50-32-8	ug/L	0.002		<0.02	0.02	0.03	0.02	3.8	0.02
Benzo(b)fluoranthene	205-99-2	ug/L	0.002	0.002	<0.02	0.02	0.06	0.02	2.8	0.02
Benzo(ghi)perylene	191-24-2	ug/L	5		<0.49	0.49	<0.50	0.50	2.2	0.49
Benzo(k)fluoranthene	207-08-9	ug/L	0.002	0.002	<0.02	0.02	0.05	0.02	2.8	0.02
Chrysene	218-01-9	ug/L	0.002	0.002	<0.02	0.02	0.09	0.02	4.2	0.02
Dibenz(a,h)anthracene	53-70-3	ug/L	50		<0.49	0.49	<0.50	0.50	0.64	0.49
Fluoranthene	206-44-0	ug/L	50	50	<0.49	0.49	<0.50	0.50	8.8	0.49
Fluorene	86-73-7	ug/L	50	50	<0.49	0.49	<0.50	0.50	2.3	0.49
Hexachlorobenzene	118-74-1	ug/L	0.35	0.04	<0.04	0.04	<0.04	0.04	<0.04	0.04
Hexachlorobutadiene	87-68-3	ug/L		0.5	<0.49	0.49	<0.50	0.50	<0.49	0.49
Hexachlorocyclopentadiene	77-47-4	ug/L		5	<0.49	0.49	<0.50	0.50	<0.49	0.49
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	0.002	0.002	<0.02	0.02	0.03	0.02	2.6	0.02
Naphthalene	91-20-3	ug/L	5	10	<0.49	0.49	<0.50	0.50	2.6	0.49
Nitrobenzene	98-95-3	ug/L	5	0.4	<0.39	0.39	<0.40	0.40	<0.39	0.39
N-Nitrosodimethylamine	62-75-9	ug/L			<0.49	0.49	<0.50	0.50	<0.49	0.49
Pentachlorophenol	87-86-5	ug/L	1	1	<0.49	0.49	<0.50	0.50	<0.49	0.49
Phenanthrene	85-01-8	ug/L	50	50	<0.49	0.49	<0.50	0.50		
Pyrene	129-00-0	ug/L	50	50	<0.49	0.49	<0.50	0.50	7.6	0.49
Pyridine	110-86-1	ug/L		50	<0.49	0.49	<0.50	0.50	<0.49	0.49

Result Detected

RL Exceeds Criteria

Result Exceeds Criteria

Table 6

Metals in Groundwater (ug/L)

EPA Methods: 6010, 6020, and 7470

247 Huron Street, Brooklyn, NY 11222

Phoenix Environmental Laboratories, Inc. 587 East Middle Turnpike P.O. Box 370 Manchester, CT 06040 (860) 645-1102 Project Id : A712 BKNY	Lab Sample Id Collection Date Client Id Matrix				CS66586 2/18/25 MW-1 Ground Water		CS66587 2/18/25 MW-3 Ground Water		CS66588 2/18/25 MW-4 Ground Water	
	CAS	Units	TAGM-GW	TOGS 1.1.1 WQ/GA Table 1	Result	RL	Result	RL	Result	RL
Metals, Dissolved										
Aluminum (Dissolved)	7429-90-5	mg/L		0.1	<0.011	0.011	<0.011	0.011	<0.011	0.011
Antimony (Dissolved)	7440-36-0	mg/L		0.003	<0.003	0.003	<0.003	0.003	<0.003	0.003
Arsenic (Dissolved)	7440-38-2	mg/L		0.025	<0.004	0.004	<0.004	0.004	<0.004	0.004
Barium (Dissolved)	7440-39-3	mg/L		1	0.095	0.002	0.171	0.002	0.025	0.002
Beryllium (Dissolved)	7440-41-7	mg/L		0.003	<0.001	0.001	<0.001	0.001	<0.001	0.001
Cadmium (Dissolved)	7440-43-9	mg/L		0.005	<0.001	0.001	<0.001	0.001	<0.001	0.001
Calcium (Dissolved)	7440-70-2	mg/L			248	0.11	195	0.11	135	0.01
Chromium (Dissolved)	7440-47-3	mg/L		0.05	<0.001	0.001	<0.001	0.001	0.001	0.001
Cobalt (Dissolved)	7440-48-4	mg/L			0.002	0.001	0.004	0.001	0.002	0.001
Copper (Dissolved)	7440-50-8	mg/L		0.2	<0.005	0.005	<0.005	0.005	<0.005	0.005
Iron (Dissolved)	7439-89-6	mg/L		0.3	8.37	0.011	<0.011	0.011	<0.011	0.011
Lead (Dissolved)	7439-92-1	mg/L		0.025	<0.002	0.002	<0.002	0.002	<0.002	0.002
Magnesium (Dissolved)	7439-95-4	mg/L		35	42.4	0.01	31.1	0.01	33.7	0.01
Manganese (Dissolved)	7439-96-5	mg/L		0.3	3.28	0.001	10	0.001	1.01	0.001
Mercury (Dissolved)	7439-97-6	mg/L		0.0007	<0.0002	0.0002	<0.0002	0.0002	<0.0002	0.0002
Nickel (Dissolved)	7440-02-0	mg/L		0.1	0.002	0.001	0.003	0.001	0.003	0.001
Potassium (Dissolved)	9/7/40	mg/L			31.2	1.1	15	1.1	15.3	1.1
Selenium (Dissolved)	7782-49-2	mg/L		0.01	<0.010	0.010	<0.010	0.010	<0.010	0.010
Silver (Dissolved)	7440-22-4	mg/L		0.05	<0.001	0.001	<0.001	0.001	<0.001	0.001
Sodium (Dissolved)	7440-23-5	mg/L		20	146	1.1	191	1.1	71.7	1.1
Thallium, Dissolved	7440-28-0	mg/L		0.0005	<0.0005	0.0005	<0.0005	0.0005	<0.0005	0.0005
Vanadium (Dissolved)	7440-62-2	mg/L			<0.002	0.002	<0.002	0.002	<0.002	0.002
Zinc (Dissolved)	7440-66-6	mg/L		5	0.006	0.002	0.006	0.002	<0.002	0.002

Result Detected

RL Exceeds Criteria

Result Exceeds Criteria

Phoenix Environmental Laboratories, Inc.
587 East Middle Turnpike
P.O. Box 370
Manchester, CT 06040
(860) 645-1102

Project Id : A721 BKNY

	Lab Sample Id			CS66590			CS66589		CS66592		CS66593		CS66594	
	Collection Date			2/18/25			2/18/25		2/18/25		2/18/25		2/18/25	
	Client Id			IA-2			SS-1		SS-2		SS-3		SS-4	
	Matrix			Air			Air		Air		Air		Air	
	CAS	Units	NYSDOH Air Guidance Values	Result	RL	NYSDOH Air Matrix	Result	RL	Result	RL	Result	RL	Result	RL
Volatiles (TO15) By TO15														
1,1,1,2-Tetrachloroethane	630-20-6	ug/m3		<1.00	1.00		<5.00	5.00	<5.00	5.00	<5.00	5.00	<5.00	5.00
1,1,1-Trichloroethane	71-55-6	ug/m3		<1.00	1.00	B	<5.00	5.00	6.16	5.00	509	5.00	<5.00	5.00
1,1,2,2-Tetrachloroethane	79-34-5	ug/m3		<1.00	1.00		<5.00	5.00	<5.00	5.00	<5.00	5.00	<5.00	5.00
1,1,2-Trichloroethane	79-00-5	ug/m3		<1.00	1.00		<5.00	5.00	<5.00	5.00	<5.00	5.00	<5.00	5.00
1,1-Dichloroethane	75-34-3	ug/m3		<1.00	1.00	A	<5.02	5.02	<5.02	5.02	228	5.02	<5.02	5.02
1,1-Dichloroethene	75-35-4	ug/m3		<0.20	0.20		<1.00	1.00	<1.00	1.00	2.77	1.00	<1.00	1.00
1,2,4-Trichlorobenzene	120-82-1	ug/m3		<1.00	1.00		<5.00	5.00	<5.00	5.00	<5.00	5.00	<5.00	5.00
1,2,4-Trimethylbenzene	95-63-6	ug/m3		1.69	1.00	D	<5.01	5.01	<5.01	5.01	85	5.01	32.3	5.01
1,2-Dibromoethane(EDB)	106-93-4	ug/m3		<1.00	1.00		<5.00	5.00	<5.00	5.00	<5.00	5.00	<5.00	5.00
1,2-Dichlorobenzene	95-50-1	ug/m3		<1.00	1.00		<5.00	5.00	<5.00	5.00	17.5	5.00	<5.00	5.00
1,2-Dichloroethane	107-06-2	ug/m3		<1.00	1.00		<5.02	5.02	<5.02	5.02	<5.02	5.02	<5.02	5.02
1,2-dichloropropane	78-87-5	ug/m3		<1.00	1.00		<4.99	4.99	<4.99	4.99	<4.99	4.99	<4.99	4.99
1,2-Dichlorotetrafluoroethane	76-14-2	ug/m3		<1.00	1.00		<5.00	5.00	<5.00	5.00	<5.00	5.00	<5.00	5.00
1,3,5-Trimethylbenzene	108-67-8	ug/m3		<1.00	1.00	D	<5.01	5.01	<5.01	5.01	22.4	5.01	18.5	5.01
1,3-Butadiene	106-99-0	ug/m3		<1.00	1.00		<5.00	5.00	<5.00	5.00	<5.00	5.00	<5.00	5.00
1,3-Dichlorobenzene	541-73-1	ug/m3		<1.00	1.00		<5.00	5.00	<5.00	5.00	<5.00	5.00	<5.00	5.00
1,4-Dichlorobenzene	106-46-7	ug/m3		<1.00	1.00		<5.00	5.00	<5.00	5.00	<5.00	5.00	<5.00	5.00
1,4-Dioxane	123-91-1	ug/m3		<1.00	1.00		<5.01	5.01	<5.01	5.01	5.04	5.01	<5.01	5.01
2-Hexanone(MBK)	591-78-6	ug/m3		<1.00	1.00		<4.99	4.99	<4.99	4.99	<4.99	4.99	<4.99	4.99
4-Ethyltoluene	622-96-8	ug/m3		1.47	1.00		<5.01	5.01	<5.01	5.01	31.1	5.01	16	5.01
4-Isopropyltoluene	99-87-6	ug/m3		<1.00	1.00		<5.00	5.00	<5.00	5.00	21.3	5.00	5.82	5.00
4-Methyl-2-pentanone(MIBK)	108-10-1	ug/m3		<1.00	1.00		<4.99	4.99	<4.99	4.99	18.4	4.99	<4.99	4.99
Acetone	67-64-1	ug/m3		4.82	1.00		51.3	5.01	292	5.01	2,020	180	726	5.01
Acrylonitrile	107-13-1	ug/m3		<1.00	1.00		<5.01	5.01	<5.01	5.01	<5.01	5.01	<5.01	5.01
Benzene	71-43-2	ug/m3		1.52	1.00	D	<5.01	5.01	9.1	5.01	18.1	5.01	7.6	5.01
Benzyl chloride	100-44-7	ug/m3		<1.00	1.00		<5.00	5.00	<5.00	5.00	<5.00	5.00	<5.00	5.00
Bromodichloromethane	75-27-4	ug/m3		<1.00	1.00		<5.00	5.00	<5.00	5.00	<5.00	5.00	<5.00	5.00
Bromoform	75-25-2	ug/m3		<1.00	1.00		<5.00	5.00	<5.00	5.00	<5.00	5.00	<5.00	5.00
Bromomethane	74-83-9	ug/m3		<1.00	1.00		<5.01	5.01	<5.01	5.01	<5.01	5.01	<5.01	5.01
Carbon Disulfide	75-15-0	ug/m3		<1.00	1.00		<5.01	5.01	11.1	5.01	23.2	5.01	7.84	5.01
Carbon Tetrachloride	56-23-5	ug/m3		0.52	0.20	A	3.43	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
Chlorobenzene	108-90-7	ug/m3		<1.00	1.00		<5.01	5.01	<5.01	5.01	<5.01	5.01	<5.01	5.01
Chloroethane	75-00-3	ug/m3		<1.00	1.00		<5.01	5.01	<5.01	5.01	<5.01	5.01	<5.01	5.01
Chloroform	67-66-3	ug/m3		<1.00	1.00		<4.98	4.98	10.5	4.98	5.42	4.98	6.54	4.98
Chloromethane	74-87-3	ug/m3		1.2	1.00		<4.99	4.99	<4.99	4.99	<4.99	4.99	<4.99	4.99
Cis-1,2-Dichloroethene	156-59-2	ug/m3		<0.20	0.20	A	<1.00	1.00	<1.00	1.00	507	1.00	3.05	1.00
cis-1,3-Dichloropropene	10061-01-5	ug/m3		<1.00	1.00		<4.99	4.99	<4.99	4.99	<4.99	4.99	<4.99	4.99
Cyclohexane	110-82-7	ug/m3		<1.00	1.00	D	<4.99	4.99	<4.99	4.99	<4.99	4.99	<4.99	4.99
Dibromochloromethane	124-48-1	ug/m3		<1.00	1.00		<5.00	5.00	<5.00	5.00	<5.00	5.00	<5.00	5.00
Dichlorodifluoromethane	75-71-8	ug/m3		2.37	1.00		<4.99	4.99	<4.99	4.99	<4.99	4.99	<4.99	4.99
Ethanol	64-17-5	ug/m3		4.86	1.00		62.7	5.01	30.1	5.01	84.7	5.01	104	5.01
Ethyl acetate	141-78-6	ug/m3		<1.00	1.00		8.14	5.01	<5.01	5.01	<5.01	5.01	<5.01	5.01
Ethylbenzene	100-41-4	ug/m3		<1.00	1.00	D	<4.99	4.99	<4.99	4.99	17.4	4.99	<4.99	4.99
Heptane	142-82-5	ug/m3		<1.00	1.00	E	<5.00	5.00	83.1	5.00	26.5	5.00	6.84	5.00
Hexachlorobutadiene	87-68-3	ug/m3		<1.00	1.00		<5.00	5.00	<5.00	5.00	<5.00	5.00	<5.00	5.00
Hexane	110-54-3	ug/m3		<1.00	1.00	E	<5.00	5.00	118	5.00	18.7	5.00	9.72	5.00
Isooctane	540-84-1	ug/m3		<1.00	1.00	D	<4.99	4.99	<4.99	4.99	<4.99	4.99	<4.99	4.99
Isopropylalcohol	67-63-0	ug/m3		1.17	1.00		<5.01	5.01	<5.01	5.01	76.6	5.01	<5.01	5.01
Isopropylbenzene	98-82-8	ug/m3		<1.00	1.00		<5.01	5.01	<5.01	5.01	<5.01	5.01	<5.01	5.01
m,p-Xylene	179601-23-1	ug/m3		2.51	1.00	E	<4.99	4.99	<4.99	4.99	58.1	4.99	17.6	4.99
Methyl Ethyl Ketone	78-93-3	ug/m3		<1.00	1.00		<5.01	5.01	18.2	5.01	179	5.01	54.5	5.01
Methyl tert-butyl ether(MTBE)	1634-04-4	ug/m3		<1.00	1.00		<5.01	5.01	<5.01	5.01	<5.01	5.01	<5.01	5.01
Methylene Chloride	75-09-2	ug/m3	60	<3.00	3.00	B	<15.0	15.0	<15.0	15.0	<15.0	15.0	<15.0	15.0
Naphthalene	91-20-3	ug/m3		<1.05	1.05	D	<5.23	5.23	<5.23	5.23	23.2	5.23	58.1	5.23
n-Butylbenzene	104-51-8	ug/m3		<1.00	1.00		<5.00	5.00	<5.00	5.00	<5.00	5.00	<5.00	5.00
o-Xylene	95-47-6	ug/m3		1.3	1.00	D	<4.99	4.99	<4.99	4.99	37.9	4.99	10.7	4.99
Propylene	115-07-1	ug/m3		<1.00	1.00		<5.01	5.01	<5.01	5.01	37.7	5.01	41.8	5.01
sec-Butylbenzene	135-98-8	ug/m3		<1.00	1.00		<5.00	5.00	<5.00	5.00	<5.00	5.00	<5.00	5.00
Styrene	100-42-5	ug/m3		<1.00	1.00		<4.98	4.98	<4.98	4.98	<4.98	4.98	<4.98	4.98
Tetrachloroethene	127-18-4	ug/m3	30	<0.25	0.25	B	23.4	1.25	71.8	1.25	29,500	45.0	424	1.25
Tetrahydrofuran	109-99-9	ug/m3		<1.00	1.00		<5.01	5.01	<5.01	5.01	<5.01	5.01	<5.01	5.01
Toluene	108-88-3	ug/m3		2.23	1.00	F	<5.01	5.01	<5.01	5.01	58	5.01	9.72	5.01
Trans-1,2-Dichloroethene	156-60-5	ug/m3		<1.00	1.00		<4.99	4.99	<4.99	4.99	36.3	4.99	<4.99	4.99
trans-1,3-Dichloropropene	10061-02-6	ug/m3		<1.00	1.00		<4.99	4.99	<4.99	4.99	<4.99	4.99	<4.99	4.99
Trichloroethene	79-01-6	ug/m3	2	<0.20	0.20	A	<0.99	0.99	3.63	0.99	490	0.99	5.18	0.99
Trichlorofluoromethane	75-69-4	ug/m3		1.22	1.00		<5.00	5.00	<5.00	5.00	<5.00	5.00	<5.00	5.00
Trichlorotrifluoroethane	76-13-1	ug/m3		<1.00	1.00		<5.00	5.00	<5.00	5.00	<5.00	5.00	<5.00	5.00
Vinyl Chloride	75-01-4	ug/m3		<0.20	0.20	C	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00

Result Detected

RL Exceeds Criteria

Result Exceeds Criteria

APPENDIX A

Field Notes


4' 10"
Milwaukee
LIFETIME


RKI GX-6000
VOC
0.0


66' 1"
23' 10"
HDX
IDX

LiRo Engineers
FIELD
SOIL BORING LOG

Advanced Cleanup Technologies, Inc.
ENVIRONMENTAL CONSULTANTS

110 Main Street
Port Washington, NY

JOB No.: A712-BKNY **BORING NUMBER:** SB-1

LOCATION: 247 Huron Street, Brooklyn, NY 11222 **DATE:** 02/18/2025

WEATHER:

Drilling Method: Direct Push driling technology-

Drilling Rig: Portable Drilling Equipment **GEOLOGIST:**

Depth to Groundwater (ft. bgs) 8' 8" **Completed depth of soil boring**

Depth (ft. bgs)	Depth (ft)	Recovery (ft)	PID (ppm)	USCS Symbol	Description	Environmental Description
					6" concrete slab	
1	0-4	4ft			Brown color sand and clay mixture	
2						
3			0.0			
					Dark Brown color sand and clay mixture	
4	4-8					
5					Brown color sand and clay mixture	
6			0.0			
7					Dark Brown color sand and clay mixture	
8						
					Ground Water Level 8'8" bgs	
9	8-12					
10			0.0			
11					Brown color sand and clay mixture	
12						

LiRo Engineers
FIELD
SOIL BORING LOG

Advanced Cleanup Technologies, Inc.
ENVIRONMENTAL CONSULTANTS

JOB No.: _____ **BORING NUMBER:** _____

LOCATION: **DATE:**

Depth (ft. bgs)	Depth (ft)	Recovery (ft)	PID (ppm)	USCS Symbol	Description	Environmental Description
13						
14					**Brown color sandy clay**	
15					**Bottom at 15ft**	
16						
17	16-20					
18						
19						
20						

LiRo Engineers
FIELD
SOIL BORING LOG

Advanced Cleanup Technologies, Inc.
ENVIRONMENTAL CONSULTANTS

110 Main Street
Port Washington, NY

JOB No.: A712-BKNY
BORING NUMBER: SB-2
LOCATION: 247 Huron Street, Brooklyn, NY 11222
DATE: 02/18/2025
WEATHER:
Drilling Method: Direct Push driling technology-
Drilling Rig: Portable Drilling Equipment
GEOLOGIST:
Depth to Groundwater (ft. bgs) 9.5'
Completed depth of soil boring

Depth (ft. bgs)	Depth (ft)	Recovery (ft)	PID (ppm)	USCS Symbol	Description	Environmental Description
					6" concrete slab	
1	0-4	4ft			Dark Brown color sand and clay mixture	
2						
			0.0			
3						
4						
5	4-8					
			0.0			
6						
7					Dark color sand and clay mixture	
8						
9	8-12				Brown color sand and clay mixture Ground Water Level 9.5' bgs	
			0.0			
10						
11					Brown color sand and clay mixture	
12						

LiRo Engineers
FIELD
SOIL BORING LOG

Advanced Cleanup Technologies, Inc.
ENVIRONMENTAL CONSULTANTS

JOB No.: _____ **BORING NUMBER:** _____

LOCATION: **DATE:**

Depth (ft. bgs)	Depth (ft)	Recovery (ft)	PID (ppm)	USCS Symbol	Description	Environmental Description
13						
14					**Dark brown color sandy clay**	
15					**SB bottom at 15ft**	
16						
17						
18	16-20					
19						
20						

LiRo Engineers
FIELD
SOIL BORING LOG

Advanced Cleanup Technologies, Inc.
ENVIRONMENTAL CONSULTANTS

110 Main Street
Port Washington, NY

JOB No.: A712-BKNY **BORING NUMBER:** SB-3

LOCATION: 247 Huron Street, Brooklyn, NY 11222 **DATE:** 02/18/2025

WEATHER:

Drilling Method: Direct Push driling technology-

Drilling Rig: Portable Drilling Equipment **GEOLOGIST:**

Depth to Groundwater (ft. bgs) 8.5' **Completed depth of soil boring**

Depth (ft. bgs)	Depth (ft)	Recovery (ft)	PID (ppm)	USCS Symbol	Description	Environmental Description
					6" concrete slab	
1	0-4	4ft			Brick.dark urban fill	
2						
			0.0			
3						
4						
5						
	4-8				Grey color sandy clay	
6			0.0			
7						
8						
					Ground Water Level 9.5' bgs Brown color sandy clay	
9	8-12				Brown color sandy clay	
10			0.0			
11						
12						

LiRo Engineers
FIELD
SOIL BORING LOG

Advanced Cleanup Technologies, Inc.
ENVIRONMENTAL CONSULTANTS

JOB No.: _____ **BORING NUMBER:** _____

LOCATION: **DATE:**

Depth (ft. bgs)	Depth (ft)	Recovery (ft)	PID (ppm)	USCS Symbol	Description	Environmental Description
13						
14					**Brown color sandy clay**	
15					**SB bottom at 15ft**	
16						
17	16-20					
18						
19						
20						

LiRo Engineers
FIELD
SOIL BORING LOG

Advanced Cleanup Technologies, Inc.
ENVIRONMENTAL CONSULTANTS

110 Main Street
Port Washington, NY

JOB No.: A712-BKNY **BORING NUMBER:** SB-4

LOCATION: 247 Huron Street, Brooklyn, NY 11222 **DATE:** 02/18/2025

WEATHER:

Drilling Method: Direct Push driling technology-

Drilling Rig: Portable Drilling Equipment **GEOLOGIST:**

Depth to Groundwater (ft. bgs) 8.5' **Completed depth of soil boring**

Depth (ft. bgs)	Depth (ft)	Recovery (ft)	PID (ppm)	USCS Symbol	Description	Environmental Description
					6" concrete slab	
1	0-4	4ft				
2						
			0.0			
3						
4						
5	4-8				Brown sandy clay	
6			0.0			
7						
8						
					Ground Water Level 8.5' bgs	
9	8-12					
10			0.0			
11					Brown sandy clay	
12						

LiRo Engineers
FIELD
SOIL BORING LOG

Advanced Cleanup Technologies, Inc.
ENVIRONMENTAL CONSULTANTS

JOB No.: _____ **BORING NUMBER:** _____

LOCATION: **DATE:**

Depth (ft. bgs)	Depth (ft)	Recovery (ft)	PID (ppm)	USCS Symbol	Description	Environmental Description
13					**Grey sandy clay**	
14					**Brown sandy clay**	
15					**SB bottom at 15ft**	
16						
17	16-20					
18						
19						
20						

Advanced Cleanup Technologies, Inc.
ENVIRONMENTAL CONSULTANTS

110 Main Street, Port Washington, NY

Date: February 24th 2025

SAMPLE INFORMATION RECORD

PROJECT NO.:A721BKNY Sampling Personnel: Ryder Isidro

Job Locations: 247 Huron Street, Brooklyn, NY 11222

Field Sample Designation: IA-1 Time: 12:00 am

SAMPLE TYPE:

GROUNDWATER: _____ SEDIMENT: _____

SURFACE WATER: _____ SOIL: _____

AIR (specify): Indoor Air (soil Vapor, Indoor air, Outdoor air) OTHER (describe): _____

GROUNDWATER INFORMATION:

Depth to Groundwater: _____ Measurement Method: _____

Depth of well or Sampling Point: _____ Measurement Method: _____

Volume of Groundwater Purged: _____ Purge Method: _____

FIELD TEST RESULTS:

Color: _____ pH-: _____ Odor: _____

Temperature (°**F**):30 Specific Conductance (µmhos/cm):_____

Other: PID: 0 ppm Helium Detector: _____ ppm

Canister #: 461 Initial Pressure: -30 Start Time: 12:00

Flow Regulator #: 6984 Final Pressure: -4 End Time: 3:00

SAMPLE ANALYSIS:

TO-15 _____ _____ _____

_____ _____ _____ _____

REMARKS:

Advanced Cleanup Technologies, Inc.
ENVIRONMENTAL CONSULTANTS

110 Main Street, Port Washington, NY

Date: February 24th 2025

SAMPLE INFORMATION RECORD

PROJECT NO.:A721BKNY Sampling Personnel: Ryder Isidro

Job Locations: 247 Huron Street, Brooklyn, NY 11222

Field Sample Designation: IA-2 Time: 12:00 am

SAMPLE TYPE:

GROUNDWATER: _____ SEDIMENT: _____

SURFACE WATER: _____ SOIL: _____

AIR (specify): Indoor Air (soil Vapor, Indoor air, Outdoor air) OTHER (describe): _____

GROUNDWATER INFORMATION:

Depth to Groundwater: _____ Measurement Method: _____

Depth of well or Sampling Point: _____ Measurement Method: _____

Volume of Groundwater Purged: _____ Purge Method: _____

FIELD TEST RESULTS:

Color: _____ pH-: _____ Odor: _____

Temperature (°**F**):30 Specific Conductance (µmhos/cm):_____

Other: PID: 0 ppm Helium Detector: _____ ppm

Canister #: 17158 Initial Pressure: -30 Start Time: 12:00

Flow Regulator #: 10571 Final Pressure: -9 End Time: 3:20

SAMPLE ANALYSIS:

TO-15 _____ _____ _____

_____ _____ _____ _____

REMARKS:

Advanced Cleanup Technologies, Inc.
ENVIRONMENTAL CONSULTANTS

110 Main Street, Port Washington, NY

Date: February 24th 2025

SAMPLE INFORMATION RECORD

PROJECT NO.:A721BKNY Sampling Personnel: Ryder Isidro

Job Locations: 247 Huron Street, Brooklyn, NY 11232

Field Sample Designation: SS-1 Time: 11:30 am

SAMPLE TYPE:

GROUNDWATER: _____ SEDIMENT: _____

SURFACE WATER: _____ SOIL: _____

AIR (specify): Indoor Air (soil Vapor, Indoor air, Outdoor air) OTHER (describe): _____

GROUNDWATER INFORMATION:

Depth to Groundwater: _____ Measurement Method: _____

Depth of well or Sampling Point: _____ Measurement Method: _____

Volume of Groundwater Purged: _____ Purge Method: _____

FIELD TEST RESULTS:

Color: _____ pH-: _____ Odor: _____

Temperature (°**F**):30 Specific Conductance (µmhos/cm):_____

Other: PID: 8.2 ppm Helium Detector: _____ ppm

Canister #: 13644 Initial Pressure: -30 Start Time: 11:30

Flow Regulator #: 4966 Final Pressure: -9 End Time: 3:17

SAMPLE ANALYSIS:

TO-15 _____ _____ _____

_____ _____ _____ _____

REMARKS:

Advanced Cleanup Technologies, Inc.
ENVIRONMENTAL CONSULTANTS

110 Main Street, Port Washington, NY

Date: February 24th 2025

SAMPLE INFORMATION RECORD

PROJECT NO.:A721BKNY Sampling Personnel: Ryder Isidro

Job Locations: 247 Huron Street, Brooklyn, NY 11232

Field Sample Designation: SS-2 Time: 11:50 am

SAMPLE TYPE:

GROUNDWATER: _____ SEDIMENT: _____

SURFACE WATER: _____ SOIL: _____

AIR (specify): Indoor Air (soil Vapor, Indoor air, Outdoor air) OTHER (describe): _____

GROUNDWATER INFORMATION:

Depth to Groundwater: _____ Measurement Method: _____

Depth of well or Sampling Point: _____ Measurement Method: _____

Volume of Groundwater Purged: _____ Purge Method: _____

FIELD TEST RESULTS:

Color: _____ pH-: _____ Odor: _____

Temperature (°**F**):30 Specific Conductance (µmhos/cm):_____

Other: PID: 6.8 ppm Helium Detector: _____ ppm

Canister #: 49210 Initial Pressure: -30 Start Time: 11:50

Flow Regulator #: 6986 Final Pressure: -10 End Time: 3:20

SAMPLE ANALYSIS:

TO-15 _____ _____ _____

_____ _____ _____ _____

REMARKS:

Advanced Cleanup Technologies, Inc.
ENVIRONMENTAL CONSULTANTS

110 Main Street, Port Washington, NY

Date: February 24th 2025

SAMPLE INFORMATION RECORD

PROJECT NO.:A721BKNY Sampling Personnel: Ryder Isidro

Job Locations: 247 Huron Street, Brooklyn, NY 11222

Field Sample Designation: SS-3 Time: 11:41 am

SAMPLE TYPE:

GROUNDWATER: _____ SEDIMENT: _____

SURFACE WATER: _____ SOIL: _____

AIR (specify): Indoor Air (soil Vapor, Indoor air, Outdoor air) OTHER (describe): _____

GROUNDWATER INFORMATION:

Depth to Groundwater: _____ Measurement Method: _____

Depth of well or Sampling Point: _____ Measurement Method: _____

Volume of Groundwater Purged: _____ Purge Method: _____

FIELD TEST RESULTS:

Color: _____ pH-: _____ Odor: _____

Temperature (°**F**):30 Specific Conductance (µmhos/cm):_____

Other: PID: 18.6 ppm Helium Detector: _____ ppm

Canister #: 4624 Initial Pressure: -30 Start Time: 11:41

Flow Regulator #: 4993 Final Pressure: -10 End Time: 3:15

SAMPLE ANALYSIS:

TO-15 _____ _____ _____

_____ _____ _____ _____

REMARKS:

Advanced Cleanup Technologies, Inc.
ENVIRONMENTAL CONSULTANTS

110 Main Street, Port Washington, NY

Date: February 24th 2025

SAMPLE INFORMATION RECORD

PROJECT NO.:A721BKNY Sampling Personnel: Ryder Isidro

Job Locations: 247 Huron Street, Brooklyn, NY 11222

Field Sample Designation: SS-4 Time: 11:50 am

SAMPLE TYPE:

GROUNDWATER: _____ SEDIMENT: _____

SURFACE WATER: _____ SOIL: _____

AIR (specify): Indoor Air (soil Vapor, Indoor air, Outdoor air) OTHER (describe): _____

GROUNDWATER INFORMATION:

Depth to Groundwater: _____ Measurement Method: _____

Depth of well or Sampling Point: _____ Measurement Method: _____

Volume of Groundwater Purged: _____ Purge Method: _____

FIELD TEST RESULTS:

Color: _____ pH-: _____ Odor: _____

Temperature (°**F**):30 Specific Conductance (µmhos/cm):_____

Other: PID: 5.0 ppm Helium Detector: _____ ppm

Canister #: 13640 Initial Pressure: -30 Start Time: 11:50

Flow Regulator #: 5653 Final Pressure: -10 End Time: 3:00

SAMPLE ANALYSIS:

TO-15 _____ _____ _____

_____ _____ _____ _____

REMARKS:

APPENDIX B

Laboratory Reports

PHOENIX
Environmental Laboratories, Inc.

Monday, March 03, 2025

Attn: Mr Jason Stewart
JBS
228 Park Ave S PMB 36418
NY, NY 1003-1502

Project ID: **A712 BKNY**
SDG ID: **GCS66578**
Sample ID#s: **CS66578 - CS66588**

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,

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

NY # 11301

SDG Comments

March 03, 2025

SDG I.D.: GCS66578

8260 Volatile Organics:
1,2-Dibromoethane, 1,2,3 Trichloropropane, and 1,2-Dibromo-3-chloropropane do not meet NY TOGS GA criteria, these compounds are analyzed by GC/ECD method 504 or 8011 to achieve this criteria.

SIM Analysis:
The lowest possible reporting limit under SIM conditions is 0.02 ug/L. The NY TOGS GA criteria for some PAHs is 0.002 ug/L. This level cannot be achieved.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

The regulatory hold time for Filtration is 24 hours. Filtration was performed in the laboratory and may be considered outside of hold-time.

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

March 03, 2025

SDG I.D.: GCS66578

Project ID: A712 BKNY

Client Id	Lab Id	Matrix	Col Date
SB-1 (0-2`)	CS66578	SOIL	02/18/25 0:00
SB-1 (8-10`)	CS66579	SOIL	02/18/25 0:00
SB-2 (0-2`)	CS66580	SOIL	02/18/25 0:00
SB-2 (8-10`)	CS66581	SOIL	02/18/25 0:00
SB-3 (0-2`)	CS66582	SOIL	02/18/25 0:00
SB-3 (7-9`)	CS66583	SOIL	02/18/25 0:00
SB-4 (0-2`)	CS66584	SOIL	02/18/25 0:00
SB-4 (7-9`)	CS66585	SOIL	02/18/25 0:00
MW-1	CS66586	GROUND WATER	02/18/25 0:00
MW-3	CS66587	GROUND WATER	02/18/25 0:00
MW-4	CS66588	GROUND WATER	02/18/25 0:00

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 03, 2025

FOR: Attn: Mr Jason Stewart
JBS
228 Park Ave S PMB 36418
NY, NY 1003-1502

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		02/18/25	
Location Code:	JBS	Received by:	B	02/20/25	19:04
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCS66578
Phoenix ID: CS66578

Project ID: A712 BKNY
Client ID: SB-1 (0-2`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.38	0.38	mg/Kg	1	02/24/25	CPP	SW6010D	
Aluminum	6500	5.8	mg/Kg	1	02/24/25	CPP	SW6010D	
Arsenic	95.4	0.77	mg/Kg	1	02/24/25	CPP	SW6010D	
Barium	267	0.38	mg/Kg	1	02/24/25	CPP	SW6010D	
Beryllium	0.50	0.31	mg/Kg	1	02/24/25	CPP	SW6010D	
Calcium	10900	5.8	mg/Kg	1	02/24/25	CPP	SW6010D	
Cadmium	0.60	0.38	mg/Kg	1	02/24/25	CPP	SW6010D	
Cobalt	7.46	0.38	mg/Kg	1	02/24/25	CPP	SW6010D	
Chromium	19.7	0.38	mg/Kg	1	02/24/25	CPP	SW6010D	
Copper	23.5	0.8	mg/kg	1	02/24/25	CPP	SW6010D	
Iron	33800	58	mg/Kg	10	02/24/25	CPP	SW6010D	
Mercury	0.26	0.03	mg/Kg	2	02/21/25	JM	SW7471B	
Potassium	1080	58	mg/Kg	10	02/24/25	CPP	SW6010D	
Magnesium	2020	5.8	mg/Kg	1	02/24/25	CPP	SW6010D	
Manganese	504	0.38	mg/Kg	1	02/24/25	CPP	SW6010D	
Sodium	161	5.8	mg/Kg	1	02/24/25	CPP	SW6010D	
Nickel	14.2	0.38	mg/Kg	1	02/24/25	CPP	SW6010D	
Lead	169	0.38	mg/Kg	1	02/24/25	CPP	SW6010D	
Antimony	< 3.8	3.8	mg/Kg	1	02/24/25	CPP	SW6010D	
Selenium	< 1.5	1.5	mg/Kg	1	02/24/25	CPP	SW6010D	
Thallium	< 3.5	3.5	mg/Kg	1	02/24/25	CPP	SW6010D	
Vanadium	31.2	0.38	mg/Kg	1	02/24/25	CPP	SW6010D	
Zinc	115	0.8	mg/Kg	1	02/24/25	CPP	SW6010D	
Percent Solid	89		%		02/20/25	CV	SW846-%Solid	
Field Extraction	Completed				02/18/25		SW5035A	1
Mercury Digestion	Completed				02/21/25	AC1/AC1	SW7471B	
Soil Extraction for SVOA	Completed				02/25/25	AC1/AC1	SW3546	

Ver 1

Project ID: A712 BKNY
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Phoenix I.D.: CS66578

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Total Metals Digest	Completed				02/21/25	P/AG	SW3050B	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
2-Hexanone	ND	28	ug/Kg	1	02/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	1
4-Chlorotoluene	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
4-Methyl-2-pentanone	ND	28	ug/Kg	1	02/21/25	JLI	SW8260D	
Acetone	ND	28	ug/Kg	1	02/21/25	JLI	SW8260D	
Acrylonitrile	ND	11	ug/Kg	1	02/21/25	JLI	SW8260D	
Benzene	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
Bromobenzene	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
Bromochloromethane	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
Bromodichloromethane	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
Bromoform	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
Bromomethane	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
Carbon Disulfide	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
Carbon tetrachloride	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
Chlorobenzene	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
Chloroethane	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
Chloroform	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
Chloromethane	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
cis-1,2-Dichloroethene	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
cis-1,3-Dichloropropene	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
Dibromochloromethane	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
Dibromomethane	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
Dichlorodifluoromethane	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
Ethylbenzene	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
Hexachlorobutadiene	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	

Project ID: A712 BKNY
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Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Isopropylbenzene	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
m&p-Xylene	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
Methyl Ethyl Ketone	ND	28	ug/Kg	1	02/21/25	JLI	SW8260D	
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	02/21/25	JLI	SW8260D	
Methylene chloride	ND	11	ug/Kg	1	02/21/25	JLI	SW8260D	
Naphthalene	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
n-Butylbenzene	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
n-Propylbenzene	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
o-Xylene	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
p-Isopropyltoluene	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
sec-Butylbenzene	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
Styrene	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
tert-Butylbenzene	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
Tetrachloroethene	7.8	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	02/21/25	JLI	SW8260D	
Toluene	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
Total Xylenes	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
trans-1,2-Dichloroethene	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
trans-1,3-Dichloropropene	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	02/21/25	JLI	SW8260D	
Trichloroethene	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
Trichlorofluoromethane	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
Trichlorotrifluoroethane	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
Vinyl chloride	ND	5.5	ug/Kg	1	02/21/25	JLI	SW8260D	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	103		%	1	02/21/25	JLI	70 - 130 %	
% Bromofluorobenzene	87		%	1	02/21/25	JLI	70 - 130 %	
% Dibromofluoromethane	94		%	1	02/21/25	JLI	70 - 130 %	
% Toluene-d8	97		%	1	02/21/25	JLI	70 - 130 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	260	ug/Kg	1	02/26/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND	260	ug/Kg	1	02/26/25	MR	SW8270E	
1,2-Dichlorobenzene	ND	260	ug/Kg	1	02/26/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND	370	ug/Kg	1	02/26/25	MR	SW8270E	
1,3-Dichlorobenzene	ND	260	ug/Kg	1	02/26/25	MR	SW8270E	
1,4-Dichlorobenzene	ND	260	ug/Kg	1	02/26/25	MR	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	260	ug/Kg	1	02/26/25	MR	SW8270E	1
2,4,5-Trichlorophenol	ND	260	ug/Kg	1	02/26/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND	260	ug/Kg	1	02/26/25	MR	SW8270E	
2,4-Dichlorophenol	ND	260	ug/Kg	1	02/26/25	MR	SW8270E	
2,4-Dimethylphenol	ND	260	ug/Kg	1	02/26/25	MR	SW8270E	
2,4-Dinitrophenol	ND	370	ug/Kg	1	02/26/25	MR	SW8270E	
2,4-Dinitrotoluene	ND	260	ug/Kg	1	02/26/25	MR	SW8270E	
2,6-Dinitrotoluene	ND	260	ug/Kg	1	02/26/25	MR	SW8270E	
2-Chloronaphthalene	ND	260	ug/Kg	1	02/26/25	MR	SW8270E	
2-Chlorophenol	ND	260	ug/Kg	1	02/26/25	MR	SW8270E	
2-Methylnaphthalene	ND	260	ug/Kg	1	02/26/25	MR	SW8270E	
2-Methylphenol (o-cresol)	ND	260	ug/Kg	1	02/26/25	MR	SW8270E	
2-Nitroaniline	ND	370	ug/Kg	1	02/26/25	MR	SW8270E	

Project ID: A712 BKNY
Client ID: SB-1 (0-2`)

Phoenix I.D.: CS66578

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2-Nitrophenol	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	330	ug/Kg	1	02/26/25	MR	SW8270E
3,3'-Dichlorobenzidine	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
3-Nitroaniline	ND	370	ug/Kg	1	02/26/25	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	370	ug/Kg	1	02/26/25	MR	SW8270E
4-Bromophenyl phenyl ether	ND	370	ug/Kg	1	02/26/25	MR	SW8270E
4-Chloro-3-methylphenol	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
4-Chloroaniline	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
4-Nitroaniline	ND	600	ug/Kg	1	02/26/25	MR	SW8270E
4-Nitrophenol	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
Acenaphthene	510	260	ug/Kg	1	02/26/25	MR	SW8270E
Acenaphthylene	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
Acetophenone	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
Aniline	ND	370	ug/Kg	1	02/26/25	MR	SW8270E
Anthracene	910	260	ug/Kg	1	02/26/25	MR	SW8270E
Benz(a)anthracene	1900	260	ug/Kg	1	02/26/25	MR	SW8270E
Benzidine	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
Benzo(a)pyrene	1900	260	ug/Kg	1	02/26/25	MR	SW8270E
Benzo(b)fluoranthene	2300	260	ug/Kg	1	02/26/25	MR	SW8270E
Benzo(ghi)perylene	950	260	ug/Kg	1	02/26/25	MR	SW8270E
Benzo(k)fluoranthene	760	260	ug/Kg	1	02/26/25	MR	SW8270E
Benzoic acid	ND	750	ug/Kg	1	02/26/25	MR	SW8270E
Benzyl butyl phthalate	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
Bis(2-chloroethyl)ether	ND	370	ug/Kg	1	02/26/25	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	370	ug/Kg	1	02/26/25	MR	SW8270E
Carbazole	440	370	ug/Kg	1	02/26/25	MR	SW8270E
Chrysene	1900	260	ug/Kg	1	02/26/25	MR	SW8270E
Dibenz(a,h)anthracene	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
Dibenzofuran	310	260	ug/Kg	1	02/26/25	MR	SW8270E
Diethyl phthalate	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
Dimethylphthalate	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
Di-n-butylphthalate	ND	370	ug/Kg	1	02/26/25	MR	SW8270E
Di-n-octylphthalate	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
Fluoranthene	4400	260	ug/Kg	1	02/26/25	MR	SW8270E
Fluorene	450	260	ug/Kg	1	02/26/25	MR	SW8270E
Hexachlorobenzene	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
Hexachlorobutadiene	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
Hexachlorocyclopentadiene	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
Hexachloroethane	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
Indeno(1,2,3-cd)pyrene	920	260	ug/Kg	1	02/26/25	MR	SW8270E
Isophorone	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
Naphthalene	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
Nitrobenzene	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
N-Nitrosodimethylamine	ND	370	ug/Kg	1	02/26/25	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
N-Nitrosodiphenylamine	ND	370	ug/Kg	1	02/26/25	MR	SW8270E
Pentachloronitrobenzene	ND	370	ug/Kg	1	02/26/25	MR	SW8270E

Project ID: A712 BKNY
Client ID: SB-1 (0-2`)

Phoenix I.D.: CS66578

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Pentachlorophenol	ND	370	ug/Kg	1	02/26/25	MR	SW8270E
Phenanthrene	4200	260	ug/Kg	1	02/26/25	MR	SW8270E
Phenol	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
Pyrene	3900	260	ug/Kg	1	02/26/25	MR	SW8270E
Pyridine	ND	370	ug/Kg	1	02/26/25	MR	SW8270E
QA/QC Surrogates							
% 2,4,6-Tribromophenol	111		%	1	02/26/25	MR	30 - 130 %
% 2-Fluorobiphenyl	76		%	1	02/26/25	MR	30 - 130 %
% 2-Fluorophenol	63		%	1	02/26/25	MR	30 - 130 %
% Nitrobenzene-d5	83		%	1	02/26/25	MR	30 - 130 %
% Phenol-d5	74		%	1	02/26/25	MR	30 - 130 %
% Terphenyl-d14	76		%	1	02/26/25	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 (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

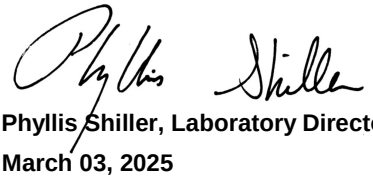
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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 03, 2025
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 03, 2025

FOR: Attn: Mr Jason Stewart
JBS
228 Park Ave S PMB 36418
NY, NY 1003-1502

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		02/18/25	
Location Code:	JBS	Received by:	B	02/20/25	19:04
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCS66578
Phoenix ID: CS66579

Project ID: A712 BKNY
Client ID: SB-1 (8-10`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.47	0.47	mg/Kg	1	02/24/25	CPP	SW6010D	
Aluminum	13500	71	mg/Kg	10	02/24/25	CPP	SW6010D	
Arsenic	2.72	0.94	mg/Kg	1	02/24/25	CPP	SW6010D	
Barium	50.7	0.47	mg/Kg	1	02/24/25	CPP	SW6010D	
Beryllium	0.70	0.38	mg/Kg	1	02/24/25	CPP	SW6010D	
Calcium	2910	7.1	mg/Kg	1	02/24/25	CPP	SW6010D	
Cadmium	< 0.47	0.47	mg/Kg	1	02/24/25	CPP	SW6010D	
Cobalt	5.04	0.47	mg/Kg	1	02/24/25	CPP	SW6010D	
Chromium	16.9	0.47	mg/Kg	1	02/24/25	CPP	SW6010D	
Copper	7.9	0.9	mg/kg	1	02/24/25	CPP	SW6010D	
Iron	14700	71	mg/Kg	10	02/24/25	CPP	SW6010D	
Mercury	< 0.04	0.04	mg/Kg	2	02/21/25	JM	SW7471B	
Potassium	1100	71	mg/Kg	10	02/24/25	CPP	SW6010D	
Magnesium	2940	7.1	mg/Kg	1	02/24/25	CPP	SW6010D	
Manganese	154	0.47	mg/Kg	1	02/24/25	CPP	SW6010D	
Sodium	182	7.1	mg/Kg	1	02/24/25	CPP	SW6010D	
Nickel	15.1	0.47	mg/Kg	1	02/24/25	CPP	SW6010D	
Lead	10.9	0.47	mg/Kg	1	02/24/25	CPP	SW6010D	
Antimony	< 4.7	4.7	mg/Kg	1	02/24/25	CPP	SW6010D	
Selenium	< 1.9	1.9	mg/Kg	1	02/24/25	CPP	SW6010D	
Thallium	< 4.3	4.3	mg/Kg	1	02/24/25	CPP	SW6010D	
Vanadium	20.7	0.47	mg/Kg	1	02/24/25	CPP	SW6010D	
Zinc	42.0	0.9	mg/Kg	1	02/24/25	CPP	SW6010D	
Percent Solid	67		%		02/20/25	CV	SW846-%Solid	
Field Extraction	Completed				02/18/25		SW5035A	1
Mercury Digestion	Completed				02/21/25	AC1/AC1	SW7471B	
Soil Extraction for SVOA	Completed				02/25/25	AC1/AC1	SW3546	

Ver 1

Project ID: A712 BKNY
Client ID: SB-1 (8-10`)

Phoenix I.D.: CS66579

Parameter	Result		RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Total Metals Digest	Completed					02/21/25	P/AG	SW3050B	
Volatiles									
1,1,1,2-Tetrachloroethane	ND		9.0	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND		9.0	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND		530	ug/Kg	50	02/22/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND		9.0	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND		9.0	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND		9.0	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND		9.0	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND		530	ug/Kg	50	02/22/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND		530	ug/Kg	50	02/22/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND		530	ug/Kg	50	02/22/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND		530	ug/Kg	50	02/22/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND		530	ug/Kg	50	02/22/25	JLI	SW8260D	
1,2-Dibromoethane	ND		9.0	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND		530	ug/Kg	50	02/22/25	JLI	SW8260D	
1,2-Dichloroethane	ND		9.0	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND		9.0	ug/Kg	1	02/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND		530	ug/Kg	50	02/22/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND		530	ug/Kg	50	02/22/25	JLI	SW8260D	
1,3-Dichloropropane	ND		9.0	ug/Kg	1	02/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND		530	ug/Kg	50	02/22/25	JLI	SW8260D	
2,2-Dichloropropane	ND		9.0	ug/Kg	1	02/21/25	JLI	SW8260D	
2-Chlorotoluene	ND		530	ug/Kg	50	02/22/25	JLI	SW8260D	
2-Hexanone	ND		45	ug/Kg	1	02/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND		530	ug/Kg	50	02/22/25	JLI	SW8260D	1
4-Chlorotoluene	ND		530	ug/Kg	50	02/22/25	JLI	SW8260D	
4-Methyl-2-pentanone	ND		45	ug/Kg	1	02/21/25	JLI	SW8260D	
Acetone	130	S	45	ug/Kg	1	02/21/25	JLI	SW8260D	
Acrylonitrile	ND		18	ug/Kg	1	02/21/25	JLI	SW8260D	
Benzene	ND		9.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Bromobenzene	ND		530	ug/Kg	50	02/22/25	JLI	SW8260D	
Bromochloromethane	ND		9.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Bromodichloromethane	ND		9.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Bromoform	ND		9.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Bromomethane	ND		9.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Carbon Disulfide	ND		9.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Carbon tetrachloride	ND		9.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Chlorobenzene	ND		9.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Chloroethane	ND		9.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Chloroform	ND		9.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Chloromethane	ND		9.0	ug/Kg	1	02/21/25	JLI	SW8260D	
cis-1,2-Dichloroethene	ND		9.0	ug/Kg	1	02/21/25	JLI	SW8260D	
cis-1,3-Dichloropropene	ND		9.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Dibromochloromethane	ND		9.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Dibromomethane	ND		9.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Dichlorodifluoromethane	ND		9.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Ethylbenzene	ND		9.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Hexachlorobutadiene	ND		530	ug/Kg	50	02/22/25	JLI	SW8260D	

Project ID: A712 BKNY
Client ID: SB-1 (8-10`)

Phoenix I.D.: CS66579

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Isopropylbenzene	ND	530	ug/Kg	50	02/22/25	JLI	SW8260D	
m&p-Xylene	ND	9.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Methyl Ethyl Ketone	ND	45	ug/Kg	1	02/21/25	JLI	SW8260D	
Methyl t-butyl ether (MTBE)	ND	18	ug/Kg	1	02/21/25	JLI	SW8260D	
Methylene chloride	ND	18	ug/Kg	1	02/21/25	JLI	SW8260D	
Naphthalene	ND	530	ug/Kg	50	02/22/25	JLI	SW8260D	
n-Butylbenzene	ND	530	ug/Kg	50	02/22/25	JLI	SW8260D	
n-Propylbenzene	ND	530	ug/Kg	50	02/22/25	JLI	SW8260D	
o-Xylene	ND	9.0	ug/Kg	1	02/21/25	JLI	SW8260D	
p-Isopropyltoluene	ND	530	ug/Kg	50	02/22/25	JLI	SW8260D	
sec-Butylbenzene	ND	530	ug/Kg	50	02/22/25	JLI	SW8260D	
Styrene	ND	9.0	ug/Kg	1	02/21/25	JLI	SW8260D	
tert-Butylbenzene	ND	530	ug/Kg	50	02/22/25	JLI	SW8260D	
Tetrachloroethene	ND	9.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Tetrahydrofuran (THF)	ND	18	ug/Kg	1	02/21/25	JLI	SW8260D	
Toluene	ND	9.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Total Xylenes	ND	9.0	ug/Kg	1	02/21/25	JLI	SW8260D	
trans-1,2-Dichloroethene	ND	9.0	ug/Kg	1	02/21/25	JLI	SW8260D	
trans-1,3-Dichloropropene	ND	9.0	ug/Kg	1	02/21/25	JLI	SW8260D	
trans-1,4-dichloro-2-butene	ND	1100	ug/Kg	50	02/22/25	JLI	SW8260D	
Trichloroethene	ND	9.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Trichlorofluoromethane	ND	9.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Trichlorotrifluoroethane	ND	9.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Vinyl chloride	ND	9.0	ug/Kg	1	02/21/25	JLI	SW8260D	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	101		%	1	02/21/25	JLI	70 - 130 %	
% Bromofluorobenzene	88		%	1	02/21/25	JLI	70 - 130 %	
% Dibromofluoromethane	99		%	1	02/21/25	JLI	70 - 130 %	
% Toluene-d8	96		%	1	02/21/25	JLI	70 - 130 %	
% 1,2-dichlorobenzene-d4 (50x)	100		%	50	02/22/25	JLI	70 - 130 %	
% Bromofluorobenzene (50x)	99		%	50	02/22/25	JLI	70 - 130 %	
% Dibromofluoromethane (50x)	98		%	50	02/22/25	JLI	70 - 130 %	
% Toluene-d8 (50x)	101		%	50	02/22/25	JLI	70 - 130 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	340	ug/Kg	1	02/25/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND	340	ug/Kg	1	02/25/25	MR	SW8270E	
1,2-Dichlorobenzene	ND	340	ug/Kg	1	02/25/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND	480	ug/Kg	1	02/25/25	MR	SW8270E	
1,3-Dichlorobenzene	ND	340	ug/Kg	1	02/25/25	MR	SW8270E	
1,4-Dichlorobenzene	ND	340	ug/Kg	1	02/25/25	MR	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	340	ug/Kg	1	02/25/25	MR	SW8270E	1
2,4,5-Trichlorophenol	ND	340	ug/Kg	1	02/25/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND	340	ug/Kg	1	02/25/25	MR	SW8270E	
2,4-Dichlorophenol	ND	340	ug/Kg	1	02/25/25	MR	SW8270E	
2,4-Dimethylphenol	ND	340	ug/Kg	1	02/25/25	MR	SW8270E	
2,4-Dinitrophenol	ND	480	ug/Kg	1	02/25/25	MR	SW8270E	
2,4-Dinitrotoluene	ND	340	ug/Kg	1	02/25/25	MR	SW8270E	
2,6-Dinitrotoluene	ND	340	ug/Kg	1	02/25/25	MR	SW8270E	
2-Chloronaphthalene	ND	340	ug/Kg	1	02/25/25	MR	SW8270E	

Project ID: A712 BKNY
Client ID: SB-1 (8-10`)

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Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2-Chlorophenol	ND	340	ug/Kg	1	02/25/25	MR	SW8270E
2-Methylnaphthalene	ND	340	ug/Kg	1	02/25/25	MR	SW8270E
2-Methylphenol (o-cresol)	ND	330	ug/Kg	1	02/25/25	MR	SW8270E
2-Nitroaniline	ND	480	ug/Kg	1	02/25/25	MR	SW8270E
2-Nitrophenol	ND	340	ug/Kg	1	02/25/25	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	330	ug/Kg	1	02/25/25	MR	SW8270E
3,3'-Dichlorobenzidine	ND	340	ug/Kg	1	02/25/25	MR	SW8270E
3-Nitroaniline	ND	480	ug/Kg	1	02/25/25	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	480	ug/Kg	1	02/25/25	MR	SW8270E
4-Bromophenyl phenyl ether	ND	480	ug/Kg	1	02/25/25	MR	SW8270E
4-Chloro-3-methylphenol	ND	340	ug/Kg	1	02/25/25	MR	SW8270E
4-Chloroaniline	ND	340	ug/Kg	1	02/25/25	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	340	ug/Kg	1	02/25/25	MR	SW8270E
4-Nitroaniline	ND	780	ug/Kg	1	02/25/25	MR	SW8270E
4-Nitrophenol	ND	340	ug/Kg	1	02/25/25	MR	SW8270E
Acenaphthene	ND	340	ug/Kg	1	02/25/25	MR	SW8270E
Acenaphthylene	ND	340	ug/Kg	1	02/25/25	MR	SW8270E
Acetophenone	ND	340	ug/Kg	1	02/25/25	MR	SW8270E
Aniline	ND	480	ug/Kg	1	02/25/25	MR	SW8270E
Anthracene	ND	340	ug/Kg	1	02/25/25	MR	SW8270E
Benz(a)anthracene	ND	340	ug/Kg	1	02/25/25	MR	SW8270E
Benzidine	ND	340	ug/Kg	1	02/25/25	MR	SW8270E
Benzo(a)pyrene	ND	340	ug/Kg	1	02/25/25	MR	SW8270E
Benzo(b)fluoranthene	ND	340	ug/Kg	1	02/25/25	MR	SW8270E
Benzo(ghi)perylene	ND	340	ug/Kg	1	02/25/25	MR	SW8270E
Benzo(k)fluoranthene	ND	340	ug/Kg	1	02/25/25	MR	SW8270E
Benzoic acid	ND	970	ug/Kg	1	02/25/25	MR	SW8270E
Benzyl butyl phthalate	ND	340	ug/Kg	1	02/25/25	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	340	ug/Kg	1	02/25/25	MR	SW8270E
Bis(2-chloroethyl)ether	ND	480	ug/Kg	1	02/25/25	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	480	ug/Kg	1	02/25/25	MR	SW8270E
Carbazole	ND	480	ug/Kg	1	02/25/25	MR	SW8270E
Chrysene	ND	340	ug/Kg	1	02/25/25	MR	SW8270E
Dibenz(a,h)anthracene	ND	330	ug/Kg	1	02/25/25	MR	SW8270E
Dibenzofuran	ND	340	ug/Kg	1	02/25/25	MR	SW8270E
Diethyl phthalate	ND	340	ug/Kg	1	02/25/25	MR	SW8270E
Dimethylphthalate	ND	340	ug/Kg	1	02/25/25	MR	SW8270E
Di-n-butylphthalate	ND	480	ug/Kg	1	02/25/25	MR	SW8270E
Di-n-octylphthalate	ND	340	ug/Kg	1	02/25/25	MR	SW8270E
Fluoranthene	ND	340	ug/Kg	1	02/25/25	MR	SW8270E
Fluorene	ND	340	ug/Kg	1	02/25/25	MR	SW8270E
Hexachlorobenzene	ND	330	ug/Kg	1	02/25/25	MR	SW8270E
Hexachlorobutadiene	ND	340	ug/Kg	1	02/25/25	MR	SW8270E
Hexachlorocyclopentadiene	ND	340	ug/Kg	1	02/25/25	MR	SW8270E
Hexachloroethane	ND	340	ug/Kg	1	02/25/25	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	340	ug/Kg	1	02/25/25	MR	SW8270E
Isophorone	ND	340	ug/Kg	1	02/25/25	MR	SW8270E
Naphthalene	ND	340	ug/Kg	1	02/25/25	MR	SW8270E
Nitrobenzene	ND	340	ug/Kg	1	02/25/25	MR	SW8270E

Project ID: A712 BKNY
Client ID: SB-1 (8-10`)

Phoenix I.D.: CS66579

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodimethylamine	ND	480	ug/Kg	1	02/25/25	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	340	ug/Kg	1	02/25/25	MR	SW8270E
N-Nitrosodiphenylamine	ND	480	ug/Kg	1	02/25/25	MR	SW8270E
Pentachloronitrobenzene	ND	480	ug/Kg	1	02/25/25	MR	SW8270E
Pentachlorophenol	ND	480	ug/Kg	1	02/25/25	MR	SW8270E
Phenanthrene	ND	340	ug/Kg	1	02/25/25	MR	SW8270E
Phenol	ND	330	ug/Kg	1	02/25/25	MR	SW8270E
Pyrene	ND	340	ug/Kg	1	02/25/25	MR	SW8270E
Pyridine	ND	480	ug/Kg	1	02/25/25	MR	SW8270E
QA/QC Surrogates							
% 2,4,6-Tribromophenol	112		%	1	02/25/25	MR	30 - 130 %
% 2-Fluorobiphenyl	76		%	1	02/25/25	MR	30 - 130 %
% 2-Fluorophenol	67		%	1	02/25/25	MR	30 - 130 %
% Nitrobenzene-d5	79		%	1	02/25/25	MR	30 - 130 %
% Phenol-d5	74		%	1	02/25/25	MR	30 - 130 %
% Terphenyl-d14	68		%	1	02/25/25	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 (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Volatile Comment:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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

S - Laboratory solvent, contamination is possible.

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 03, 2025

Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

NY # 11301

Analysis Report

March 03, 2025

FOR: Attn: Mr Jason Stewart
JBS
228 Park Ave S PMB 36418
NY, NY 1003-1502

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		02/18/25	
Location Code:	JBS	Received by:	B	02/20/25	19:04
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCS66578
Phoenix ID: CS66580

Project ID: A712 BKNY
Client ID: SB-2 (0-2`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.33	0.33	mg/Kg	1	02/24/25	CPP	SW6010D	
Aluminum	9740	49	mg/Kg	10	02/24/25	CPP	SW6010D	
Arsenic	4.07	0.65	mg/Kg	1	02/24/25	CPP	SW6010D	
Barium	42.3	0.33	mg/Kg	1	02/24/25	CPP	SW6010D	
Beryllium	0.38	0.26	mg/Kg	1	02/24/25	CPP	SW6010D	
Calcium	1830	4.9	mg/Kg	1	02/24/25	CPP	SW6010D	
Cadmium	< 0.33	0.33	mg/Kg	1	02/24/25	CPP	SW6010D	
Cobalt	5.91	0.33	mg/Kg	1	02/24/25	CPP	SW6010D	
Chromium	12.6	0.33	mg/Kg	1	02/24/25	CPP	SW6010D	
Copper	15.3	0.7	mg/kg	1	02/24/25	CPP	SW6010D	
Iron	18400	49	mg/Kg	10	02/24/25	CPP	SW6010D	
Mercury	0.18	0.03	mg/Kg	2	02/21/25	JM	SW7471B	
Potassium	1580	49	mg/Kg	10	02/24/25	CPP	SW6010D	
Magnesium	1960	4.9	mg/Kg	1	02/24/25	CPP	SW6010D	
Manganese	199	0.33	mg/Kg	1	02/24/25	CPP	SW6010D	
Sodium	518	4.9	mg/Kg	1	02/24/25	CPP	SW6010D	
Nickel	10.8	0.33	mg/Kg	1	02/24/25	CPP	SW6010D	
Lead	62.1	0.33	mg/Kg	1	02/24/25	CPP	SW6010D	
Antimony	< 3.3	3.3	mg/Kg	1	02/24/25	CPP	SW6010D	
Selenium	< 1.3	1.3	mg/Kg	1	02/24/25	CPP	SW6010D	
Thallium	< 2.9	2.9	mg/Kg	1	02/24/25	CPP	SW6010D	
Vanadium	21.5	0.33	mg/Kg	1	02/24/25	CPP	SW6010D	
Zinc	47.5	0.7	mg/Kg	1	02/24/25	CPP	SW6010D	
Percent Solid	90		%		02/20/25	CV	SW846-%Solid	
Field Extraction	Completed				02/18/25		SW5035A	1
Mercury Digestion	Completed				02/21/25	AC1/AC1	SW7471B	
Soil Extraction for SVOA	Completed				02/25/25	AC1/AC1	SW3546	

Ver 1

Project ID: A712 BKNY
Client ID: SB-2 (0-2`)

Phoenix I.D.: CS66580

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Total Metals Digest	Completed				02/21/25	P/AG	SW3050B	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	6.4	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	6.4	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	350	ug/Kg	50	02/22/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	6.4	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	6.4	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	6.4	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	6.4	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	350	ug/Kg	50	02/22/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	350	ug/Kg	50	02/22/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	350	ug/Kg	50	02/22/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	350	ug/Kg	50	02/22/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	350	ug/Kg	50	02/22/25	JLI	SW8260D	
1,2-Dibromoethane	ND	6.4	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	350	ug/Kg	50	02/22/25	JLI	SW8260D	
1,2-Dichloroethane	ND	6.4	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	6.4	ug/Kg	1	02/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	350	ug/Kg	50	02/22/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	350	ug/Kg	50	02/22/25	JLI	SW8260D	
1,3-Dichloropropane	ND	6.4	ug/Kg	1	02/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	350	ug/Kg	50	02/22/25	JLI	SW8260D	
2,2-Dichloropropane	ND	6.4	ug/Kg	1	02/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	350	ug/Kg	50	02/22/25	JLI	SW8260D	
2-Hexanone	ND	32	ug/Kg	1	02/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	350	ug/Kg	50	02/22/25	JLI	SW8260D	1
4-Chlorotoluene	ND	350	ug/Kg	50	02/22/25	JLI	SW8260D	
4-Methyl-2-pentanone	ND	32	ug/Kg	1	02/21/25	JLI	SW8260D	
Acetone	ND	32	ug/Kg	1	02/21/25	JLI	SW8260D	
Acrylonitrile	ND	13	ug/Kg	1	02/21/25	JLI	SW8260D	
Benzene	ND	6.4	ug/Kg	1	02/21/25	JLI	SW8260D	
Bromobenzene	ND	350	ug/Kg	50	02/22/25	JLI	SW8260D	
Bromochloromethane	ND	6.4	ug/Kg	1	02/21/25	JLI	SW8260D	
Bromodichloromethane	ND	6.4	ug/Kg	1	02/21/25	JLI	SW8260D	
Bromoform	ND	6.4	ug/Kg	1	02/21/25	JLI	SW8260D	
Bromomethane	ND	6.4	ug/Kg	1	02/21/25	JLI	SW8260D	
Carbon Disulfide	ND	6.4	ug/Kg	1	02/21/25	JLI	SW8260D	
Carbon tetrachloride	ND	6.4	ug/Kg	1	02/21/25	JLI	SW8260D	
Chlorobenzene	ND	6.4	ug/Kg	1	02/21/25	JLI	SW8260D	
Chloroethane	ND	6.4	ug/Kg	1	02/21/25	JLI	SW8260D	
Chloroform	ND	6.4	ug/Kg	1	02/21/25	JLI	SW8260D	
Chloromethane	ND	6.4	ug/Kg	1	02/21/25	JLI	SW8260D	
cis-1,2-Dichloroethene	ND	6.4	ug/Kg	1	02/21/25	JLI	SW8260D	
cis-1,3-Dichloropropene	ND	6.4	ug/Kg	1	02/21/25	JLI	SW8260D	
Dibromochloromethane	ND	6.4	ug/Kg	1	02/21/25	JLI	SW8260D	
Dibromomethane	ND	6.4	ug/Kg	1	02/21/25	JLI	SW8260D	
Dichlorodifluoromethane	ND	6.4	ug/Kg	1	02/21/25	JLI	SW8260D	
Ethylbenzene	ND	6.4	ug/Kg	1	02/21/25	JLI	SW8260D	
Hexachlorobutadiene	ND	350	ug/Kg	50	02/22/25	JLI	SW8260D	

Project ID: A712 BKNY
Client ID: SB-2 (0-2`)

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Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Isopropylbenzene	ND	350	ug/Kg	50	02/22/25	JLI	SW8260D	
m&p-Xylene	ND	6.4	ug/Kg	1	02/21/25	JLI	SW8260D	
Methyl Ethyl Ketone	ND	32	ug/Kg	1	02/21/25	JLI	SW8260D	
Methyl t-butyl ether (MTBE)	ND	13	ug/Kg	1	02/21/25	JLI	SW8260D	
Methylene chloride	ND	13	ug/Kg	1	02/21/25	JLI	SW8260D	
Naphthalene	ND	350	ug/Kg	50	02/22/25	JLI	SW8260D	
n-Butylbenzene	ND	350	ug/Kg	50	02/22/25	JLI	SW8260D	
n-Propylbenzene	ND	350	ug/Kg	50	02/22/25	JLI	SW8260D	
o-Xylene	ND	6.4	ug/Kg	1	02/21/25	JLI	SW8260D	
p-Isopropyltoluene	ND	350	ug/Kg	50	02/22/25	JLI	SW8260D	
sec-Butylbenzene	ND	350	ug/Kg	50	02/22/25	JLI	SW8260D	
Styrene	ND	6.4	ug/Kg	1	02/21/25	JLI	SW8260D	
tert-Butylbenzene	ND	350	ug/Kg	50	02/22/25	JLI	SW8260D	
Tetrachloroethene	6700	350	ug/Kg	50	02/22/25	JLI	SW8260D	
Tetrahydrofuran (THF)	ND	13	ug/Kg	1	02/21/25	JLI	SW8260D	
Toluene	ND	6.4	ug/Kg	1	02/21/25	JLI	SW8260D	
Total Xylenes	ND	6.4	ug/Kg	1	02/21/25	JLI	SW8260D	
trans-1,2-Dichloroethene	ND	6.4	ug/Kg	1	02/21/25	JLI	SW8260D	
trans-1,3-Dichloropropene	ND	6.4	ug/Kg	1	02/21/25	JLI	SW8260D	
trans-1,4-dichloro-2-butene	ND	700	ug/Kg	50	02/22/25	JLI	SW8260D	
Trichloroethene	ND	6.4	ug/Kg	1	02/21/25	JLI	SW8260D	
Trichlorofluoromethane	ND	6.4	ug/Kg	1	02/21/25	JLI	SW8260D	
Trichlorotrifluoroethane	ND	6.4	ug/Kg	1	02/21/25	JLI	SW8260D	
Vinyl chloride	ND	6.4	ug/Kg	1	02/21/25	JLI	SW8260D	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	106		%	1	02/21/25	JLI	70 - 130 %	
% Bromofluorobenzene	78		%	1	02/21/25	JLI	70 - 130 %	
% Dibromofluoromethane	101		%	1	02/21/25	JLI	70 - 130 %	
% Toluene-d8	95		%	1	02/21/25	JLI	70 - 130 %	
% 1,2-dichlorobenzene-d4 (50x)	99		%	50	02/22/25	JLI	70 - 130 %	
% Bromofluorobenzene (50x)	99		%	50	02/22/25	JLI	70 - 130 %	
% Dibromofluoromethane (50x)	96		%	50	02/22/25	JLI	70 - 130 %	
% Toluene-d8 (50x)	100		%	50	02/22/25	JLI	70 - 130 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	260	ug/Kg	1	02/25/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND	260	ug/Kg	1	02/25/25	MR	SW8270E	
1,2-Dichlorobenzene	ND	260	ug/Kg	1	02/25/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND	370	ug/Kg	1	02/25/25	MR	SW8270E	
1,3-Dichlorobenzene	ND	260	ug/Kg	1	02/25/25	MR	SW8270E	
1,4-Dichlorobenzene	ND	260	ug/Kg	1	02/25/25	MR	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	260	ug/Kg	1	02/25/25	MR	SW8270E	1
2,4,5-Trichlorophenol	ND	260	ug/Kg	1	02/25/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND	260	ug/Kg	1	02/25/25	MR	SW8270E	
2,4-Dichlorophenol	ND	260	ug/Kg	1	02/25/25	MR	SW8270E	
2,4-Dimethylphenol	ND	260	ug/Kg	1	02/25/25	MR	SW8270E	
2,4-Dinitrophenol	ND	370	ug/Kg	1	02/25/25	MR	SW8270E	
2,4-Dinitrotoluene	ND	260	ug/Kg	1	02/25/25	MR	SW8270E	
2,6-Dinitrotoluene	ND	260	ug/Kg	1	02/25/25	MR	SW8270E	
2-Chloronaphthalene	ND	260	ug/Kg	1	02/25/25	MR	SW8270E	

Project ID: A712 BKNY
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Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2-Chlorophenol	ND	260	ug/Kg	1	02/25/25	MR	SW8270E
2-Methylnaphthalene	ND	260	ug/Kg	1	02/25/25	MR	SW8270E
2-Methylphenol (o-cresol)	ND	260	ug/Kg	1	02/25/25	MR	SW8270E
2-Nitroaniline	ND	370	ug/Kg	1	02/25/25	MR	SW8270E
2-Nitrophenol	ND	260	ug/Kg	1	02/25/25	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	330	ug/Kg	1	02/25/25	MR	SW8270E
3,3'-Dichlorobenzidine	ND	260	ug/Kg	1	02/25/25	MR	SW8270E
3-Nitroaniline	ND	370	ug/Kg	1	02/25/25	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	370	ug/Kg	1	02/25/25	MR	SW8270E
4-Bromophenyl phenyl ether	ND	370	ug/Kg	1	02/25/25	MR	SW8270E
4-Chloro-3-methylphenol	ND	260	ug/Kg	1	02/25/25	MR	SW8270E
4-Chloroaniline	ND	260	ug/Kg	1	02/25/25	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	260	ug/Kg	1	02/25/25	MR	SW8270E
4-Nitroaniline	ND	590	ug/Kg	1	02/25/25	MR	SW8270E
4-Nitrophenol	ND	260	ug/Kg	1	02/25/25	MR	SW8270E
Acenaphthene	ND	260	ug/Kg	1	02/25/25	MR	SW8270E
Acenaphthylene	ND	260	ug/Kg	1	02/25/25	MR	SW8270E
Acetophenone	ND	260	ug/Kg	1	02/25/25	MR	SW8270E
Aniline	ND	370	ug/Kg	1	02/25/25	MR	SW8270E
Anthracene	310	260	ug/Kg	1	02/25/25	MR	SW8270E
Benz(a)anthracene	630	260	ug/Kg	1	02/25/25	MR	SW8270E
Benzidine	ND	260	ug/Kg	1	02/25/25	MR	SW8270E
Benzo(a)pyrene	570	260	ug/Kg	1	02/25/25	MR	SW8270E
Benzo(b)fluoranthene	710	260	ug/Kg	1	02/25/25	MR	SW8270E
Benzo(ghi)perylene	300	260	ug/Kg	1	02/25/25	MR	SW8270E
Benzo(k)fluoranthene	ND	260	ug/Kg	1	02/25/25	MR	SW8270E
Benzoic acid	ND	740	ug/Kg	1	02/25/25	MR	SW8270E
Benzyl butyl phthalate	ND	260	ug/Kg	1	02/25/25	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	260	ug/Kg	1	02/25/25	MR	SW8270E
Bis(2-chloroethyl)ether	ND	370	ug/Kg	1	02/25/25	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	370	ug/Kg	1	02/25/25	MR	SW8270E
Carbazole	ND	370	ug/Kg	1	02/25/25	MR	SW8270E
Chrysene	630	260	ug/Kg	1	02/25/25	MR	SW8270E
Dibenz(a,h)anthracene	ND	260	ug/Kg	1	02/25/25	MR	SW8270E
Dibenzofuran	ND	260	ug/Kg	1	02/25/25	MR	SW8270E
Diethyl phthalate	ND	260	ug/Kg	1	02/25/25	MR	SW8270E
Dimethylphthalate	ND	260	ug/Kg	1	02/25/25	MR	SW8270E
Di-n-butylphthalate	ND	370	ug/Kg	1	02/25/25	MR	SW8270E
Di-n-octylphthalate	ND	260	ug/Kg	1	02/25/25	MR	SW8270E
Fluoranthene	1600	260	ug/Kg	1	02/25/25	MR	SW8270E
Fluorene	ND	260	ug/Kg	1	02/25/25	MR	SW8270E
Hexachlorobenzene	ND	260	ug/Kg	1	02/25/25	MR	SW8270E
Hexachlorobutadiene	ND	260	ug/Kg	1	02/25/25	MR	SW8270E
Hexachlorocyclopentadiene	ND	260	ug/Kg	1	02/25/25	MR	SW8270E
Hexachloroethane	ND	260	ug/Kg	1	02/25/25	MR	SW8270E
Indeno(1,2,3-cd)pyrene	280	260	ug/Kg	1	02/25/25	MR	SW8270E
Isophorone	ND	260	ug/Kg	1	02/25/25	MR	SW8270E
Naphthalene	ND	260	ug/Kg	1	02/25/25	MR	SW8270E
Nitrobenzene	ND	260	ug/Kg	1	02/25/25	MR	SW8270E

Project ID: A712 BKNY
Client ID: SB-2 (0-2`)

Phoenix I.D.: CS66580

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodimethylamine	ND	370	ug/Kg	1	02/25/25	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	260	ug/Kg	1	02/25/25	MR	SW8270E
N-Nitrosodiphenylamine	ND	370	ug/Kg	1	02/25/25	MR	SW8270E
Pentachloronitrobenzene	ND	370	ug/Kg	1	02/25/25	MR	SW8270E
Pentachlorophenol	ND	370	ug/Kg	1	02/25/25	MR	SW8270E
Phenanthrene	1700	260	ug/Kg	1	02/25/25	MR	SW8270E
Phenol	ND	260	ug/Kg	1	02/25/25	MR	SW8270E
Pyrene	1400	260	ug/Kg	1	02/25/25	MR	SW8270E
Pyridine	ND	370	ug/Kg	1	02/25/25	MR	SW8270E
QA/QC Surrogates							
% 2,4,6-Tribromophenol	109		%	1	02/25/25	MR	30 - 130 %
% 2-Fluorobiphenyl	76		%	1	02/25/25	MR	30 - 130 %
% 2-Fluorophenol	63		%	1	02/25/25	MR	30 - 130 %
% Nitrobenzene-d5	79		%	1	02/25/25	MR	30 - 130 %
% Phenol-d5	71		%	1	02/25/25	MR	30 - 130 %
% Terphenyl-d14	70		%	1	02/25/25	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 (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Volatile Comment:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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 03, 2025

Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 03, 2025

FOR: Attn: Mr Jason Stewart
JBS
228 Park Ave S PMB 36418
NY, NY 1003-1502

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		02/18/25	
Location Code:	JBS	Received by:	B	02/20/25	19:04
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCS66578
Phoenix ID: CS66581

Project ID: A712 BKNY
Client ID: SB-2 (8-10`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.41	0.41	mg/Kg	1	02/24/25	CPP	SW6010D	
Aluminum	7850	6.2	mg/Kg	1	02/24/25	CPP	SW6010D	
Arsenic	2.13	0.82	mg/Kg	1	02/24/25	CPP	SW6010D	
Barium	13.3	0.41	mg/Kg	1	02/24/25	CPP	SW6010D	
Beryllium	0.43	0.33	mg/Kg	1	02/24/25	CPP	SW6010D	
Calcium	1180	6.2	mg/Kg	1	02/24/25	CPP	SW6010D	
Cadmium	< 0.41	0.41	mg/Kg	1	02/24/25	CPP	SW6010D	
Cobalt	4.94	0.41	mg/Kg	1	02/24/25	CPP	SW6010D	
Chromium	12.1	0.41	mg/Kg	1	02/24/25	CPP	SW6010D	
Copper	1.4	0.8	mg/kg	1	02/24/25	CPP	SW6010D	
Iron	27800	62	mg/Kg	10	02/24/25	CPP	SW6010D	
Mercury	< 0.03	0.03	mg/Kg	2	02/21/25	JM	SW7471B	
Potassium	610	62	mg/Kg	10	02/24/25	CPP	SW6010D	
Magnesium	1370	6.2	mg/Kg	1	02/24/25	CPP	SW6010D	
Manganese	97.6	0.41	mg/Kg	1	02/24/25	CPP	SW6010D	
Sodium	281	6.2	mg/Kg	1	02/24/25	CPP	SW6010D	
Nickel	8.72	0.41	mg/Kg	1	02/24/25	CPP	SW6010D	
Lead	4.57	0.41	mg/Kg	1	02/24/25	CPP	SW6010D	
Antimony	< 4.1	4.1	mg/Kg	1	02/24/25	CPP	SW6010D	
Selenium	< 1.6	1.6	mg/Kg	1	02/24/25	CPP	SW6010D	
Thallium	< 3.7	3.7	mg/Kg	1	02/24/25	CPP	SW6010D	
Vanadium	16.9	0.41	mg/Kg	1	02/24/25	CPP	SW6010D	
Zinc	16.2	0.8	mg/Kg	1	02/24/25	CPP	SW6010D	
Percent Solid	81		%		02/20/25	CV	SW846-%Solid	
Field Extraction	Completed				02/18/25		SW5035A	1
Mercury Digestion	Completed				02/21/25	AC1/AC1	SW7471B	
Soil Extraction for SVOA	Completed				02/25/25	AC1/AC1	SW3546	

Ver 1

Project ID: A712 BKNY
Client ID: SB-2 (8-10`)

Phoenix I.D.: CS66581

Parameter	Result		RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Total Metals Digest	Completed					02/21/25	P/AG	SW3050B	
Volatiles									
1,1,1,2-Tetrachloroethane	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
2-Chlorotoluene	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
2-Hexanone	ND		31	ug/Kg	1	02/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	1
4-Chlorotoluene	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
4-Methyl-2-pentanone	ND		31	ug/Kg	1	02/21/25	JLI	SW8260D	
Acetone	40	S	31	ug/Kg	1	02/21/25	JLI	SW8260D	
Acrylonitrile	ND		13	ug/Kg	1	02/21/25	JLI	SW8260D	
Benzene	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
Bromobenzene	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
Bromochloromethane	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
Bromodichloromethane	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
Bromoform	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
Bromomethane	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
Carbon Disulfide	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
Carbon tetrachloride	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
Chlorobenzene	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
Chloroethane	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
Chloroform	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
Chloromethane	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
cis-1,2-Dichloroethene	7.5		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
cis-1,3-Dichloropropene	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
Dibromochloromethane	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
Dibromomethane	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
Dichlorodifluoromethane	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
Ethylbenzene	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
Hexachlorobutadiene	ND		6.3	ug/Kg	1	02/21/25	JLI	SW8260D	

Project ID: A712 BKNY
Client ID: SB-2 (8-10`)

Phoenix I.D.: CS66581

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Isopropylbenzene	ND	6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
m&p-Xylene	ND	6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
Methyl Ethyl Ketone	ND	31	ug/Kg	1	02/21/25	JLI	SW8260D	
Methyl t-butyl ether (MTBE)	ND	13	ug/Kg	1	02/21/25	JLI	SW8260D	
Methylene chloride	ND	13	ug/Kg	1	02/21/25	JLI	SW8260D	
Naphthalene	ND	6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
n-Butylbenzene	ND	6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
n-Propylbenzene	ND	6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
o-Xylene	ND	6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
p-Isopropyltoluene	ND	6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
sec-Butylbenzene	ND	6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
Styrene	ND	6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
tert-Butylbenzene	ND	6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
Tetrachloroethene	ND	6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
Tetrahydrofuran (THF)	ND	13	ug/Kg	1	02/21/25	JLI	SW8260D	
Toluene	ND	6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
Total Xylenes	ND	6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
trans-1,2-Dichloroethene	ND	6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
trans-1,3-Dichloropropene	ND	6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
trans-1,4-dichloro-2-butene	ND	13	ug/Kg	1	02/21/25	JLI	SW8260D	
Trichloroethene	ND	6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
Trichlorofluoromethane	ND	6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
Trichlorotrifluoroethane	ND	6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
Vinyl chloride	ND	6.3	ug/Kg	1	02/21/25	JLI	SW8260D	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99		%	1	02/21/25	JLI	70 - 130 %	
% Bromofluorobenzene	94		%	1	02/21/25	JLI	70 - 130 %	
% Dibromofluoromethane	96		%	1	02/21/25	JLI	70 - 130 %	
% Toluene-d8	96		%	1	02/21/25	JLI	70 - 130 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E	
1,2-Dichlorobenzene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND	410	ug/Kg	1	02/25/25	MR	SW8270E	
1,3-Dichlorobenzene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E	
1,4-Dichlorobenzene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	280	ug/Kg	1	02/25/25	MR	SW8270E	1
2,4,5-Trichlorophenol	ND	280	ug/Kg	1	02/25/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND	280	ug/Kg	1	02/25/25	MR	SW8270E	
2,4-Dichlorophenol	ND	280	ug/Kg	1	02/25/25	MR	SW8270E	
2,4-Dimethylphenol	ND	280	ug/Kg	1	02/25/25	MR	SW8270E	
2,4-Dinitrophenol	ND	410	ug/Kg	1	02/25/25	MR	SW8270E	
2,4-Dinitrotoluene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E	
2,6-Dinitrotoluene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E	
2-Chloronaphthalene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E	
2-Chlorophenol	ND	280	ug/Kg	1	02/25/25	MR	SW8270E	
2-Methylnaphthalene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E	
2-Methylphenol (o-cresol)	ND	280	ug/Kg	1	02/25/25	MR	SW8270E	
2-Nitroaniline	ND	410	ug/Kg	1	02/25/25	MR	SW8270E	

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Client ID: SB-2 (8-10`)

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Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2-Nitrophenol	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	330	ug/Kg	1	02/25/25	MR	SW8270E
3,3'-Dichlorobenzidine	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
3-Nitroaniline	ND	410	ug/Kg	1	02/25/25	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	410	ug/Kg	1	02/25/25	MR	SW8270E
4-Bromophenyl phenyl ether	ND	410	ug/Kg	1	02/25/25	MR	SW8270E
4-Chloro-3-methylphenol	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
4-Chloroaniline	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
4-Nitroaniline	ND	650	ug/Kg	1	02/25/25	MR	SW8270E
4-Nitrophenol	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Acenaphthene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Acenaphthylene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Acetophenone	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Aniline	ND	410	ug/Kg	1	02/25/25	MR	SW8270E
Anthracene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Benz(a)anthracene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Benzidine	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Benzo(a)pyrene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Benzo(b)fluoranthene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Benzo(ghi)perylene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Benzo(k)fluoranthene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Benzoic acid	ND	810	ug/Kg	1	02/25/25	MR	SW8270E
Benzyl butyl phthalate	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Bis(2-chloroethyl)ether	ND	410	ug/Kg	1	02/25/25	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	410	ug/Kg	1	02/25/25	MR	SW8270E
Carbazole	ND	410	ug/Kg	1	02/25/25	MR	SW8270E
Chrysene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Dibenz(a,h)anthracene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Dibenzofuran	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Diethyl phthalate	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Dimethylphthalate	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Di-n-butylphthalate	ND	410	ug/Kg	1	02/25/25	MR	SW8270E
Di-n-octylphthalate	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Fluoranthene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Fluorene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Hexachlorobenzene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Hexachlorobutadiene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Hexachlorocyclopentadiene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Hexachloroethane	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Isophorone	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Naphthalene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Nitrobenzene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
N-Nitrosodimethylamine	ND	410	ug/Kg	1	02/25/25	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
N-Nitrosodiphenylamine	ND	410	ug/Kg	1	02/25/25	MR	SW8270E
Pentachloronitrobenzene	ND	410	ug/Kg	1	02/25/25	MR	SW8270E

Project ID: A712 BKNY
Client ID: SB-2 (8-10`)

Phoenix I.D.: CS66581

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Pentachlorophenol	ND	410	ug/Kg	1	02/25/25	MR	SW8270E
Phenanthrene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Phenol	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Pyrene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Pyridine	ND	410	ug/Kg	1	02/25/25	MR	SW8270E
QA/QC Surrogates							
% 2,4,6-Tribromophenol	107		%	1	02/25/25	MR	30 - 130 %
% 2-Fluorobiphenyl	74		%	1	02/25/25	MR	30 - 130 %
% 2-Fluorophenol	66		%	1	02/25/25	MR	30 - 130 %
% Nitrobenzene-d5	78		%	1	02/25/25	MR	30 - 130 %
% Phenol-d5	73		%	1	02/25/25	MR	30 - 130 %
% Terphenyl-d14	67		%	1	02/25/25	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 (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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

S - Laboratory solvent, contamination is possible.

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 03, 2025
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 03, 2025

FOR: Attn: Mr Jason Stewart
JBS
228 Park Ave S PMB 36418
NY, NY 1003-1502

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		02/18/25	
Location Code:	JBS	Received by:	B	02/20/25	19:04
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCS66578
Phoenix ID: CS66582

Project ID: A712 BKNY
Client ID: SB-3 (0-2`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 1.3	1.3	mg/Kg	1	02/24/25	CPP	SW6010D	
Aluminum	11100	54	mg/Kg	10	02/24/25	CPP	SW6010D	
Arsenic	13.4	0.72	mg/Kg	1	02/24/25	CPP	SW6010D	
Barium	685	0.36	mg/Kg	1	02/24/25	CPP	SW6010D	
Beryllium	0.64	0.29	mg/Kg	1	02/24/25	CPP	SW6010D	
Calcium	17000	54	mg/Kg	10	02/24/25	CPP	SW6010D	
Cadmium	1.35	0.36	mg/Kg	1	02/24/25	CPP	SW6010D	
Cobalt	8.68	0.36	mg/Kg	1	02/24/25	CPP	SW6010D	
Chromium	28.9	0.36	mg/Kg	1	02/24/25	CPP	SW6010D	
Copper	121	0.7	mg/kg	1	02/24/25	CPP	SW6010D	
Iron	27900	54	mg/Kg	10	02/24/25	CPP	SW6010D	
Mercury	0.85	0.03	mg/Kg	2	02/21/25	JM	SW7471B	
Potassium	1420	54	mg/Kg	10	02/24/25	CPP	SW6010D	
Magnesium	3770	5.4	mg/Kg	1	02/24/25	CPP	SW6010D	
Manganese	322	0.36	mg/Kg	1	02/24/25	CPP	SW6010D	
Sodium	315	5.4	mg/Kg	1	02/24/25	CPP	SW6010D	
Nickel	22.8	0.36	mg/Kg	1	02/24/25	CPP	SW6010D	
Lead	1090	0.36	mg/Kg	1	02/24/25	CPP	SW6010D	
Antimony	< 3.7	3.7	mg/Kg	1	02/24/25	CPP	SW6010D	
Selenium	< 1.4	1.4	mg/Kg	1	02/24/25	CPP	SW6010D	
Thallium	< 3.2	3.2	mg/Kg	1	02/24/25	CPP	SW6010D	
Vanadium	38.8	0.36	mg/Kg	1	02/24/25	CPP	SW6010D	
Zinc	719	0.7	mg/Kg	1	02/24/25	CPP	SW6010D	
Percent Solid	88		%		02/20/25	CV	SW846-%Solid	
Field Extraction	Completed				02/18/25		SW5035A	1
Mercury Digestion	Completed				02/21/25	AC1/AC1	SW7471B	
Soil Extraction for SVOA	Completed				02/25/25	AC1/AC1	SW3546	

Ver 1

Project ID: A712 BKNY
Client ID: SB-3 (0-2`)

Phoenix I.D.: CS66582

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Total Metals Digest	Completed				02/21/25	P/AG	SW3050B	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	6.8	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	6.8	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	370	ug/Kg	50	02/22/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	6.8	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	6.8	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	6.8	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	6.8	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	370	ug/Kg	50	02/22/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	370	ug/Kg	50	02/22/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	370	ug/Kg	50	02/22/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	370	ug/Kg	50	02/22/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	370	ug/Kg	50	02/22/25	JLI	SW8260D	
1,2-Dibromoethane	ND	6.8	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	370	ug/Kg	50	02/22/25	JLI	SW8260D	
1,2-Dichloroethane	ND	6.8	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	6.8	ug/Kg	1	02/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	370	ug/Kg	50	02/22/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	370	ug/Kg	50	02/22/25	JLI	SW8260D	
1,3-Dichloropropane	ND	6.8	ug/Kg	1	02/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	370	ug/Kg	50	02/22/25	JLI	SW8260D	
2,2-Dichloropropane	ND	6.8	ug/Kg	1	02/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	370	ug/Kg	50	02/22/25	JLI	SW8260D	
2-Hexanone	ND	34	ug/Kg	1	02/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	370	ug/Kg	50	02/22/25	JLI	SW8260D	1
4-Chlorotoluene	ND	370	ug/Kg	50	02/22/25	JLI	SW8260D	
4-Methyl-2-pentanone	ND	34	ug/Kg	1	02/21/25	JLI	SW8260D	
Acetone	ND	34	ug/Kg	1	02/21/25	JLI	SW8260D	
Acrylonitrile	ND	14	ug/Kg	1	02/21/25	JLI	SW8260D	
Benzene	ND	6.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Bromobenzene	ND	370	ug/Kg	50	02/22/25	JLI	SW8260D	
Bromochloromethane	ND	6.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Bromodichloromethane	ND	6.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Bromoform	ND	6.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Bromomethane	ND	6.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Carbon Disulfide	ND	6.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Carbon tetrachloride	ND	6.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Chlorobenzene	ND	6.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Chloroethane	ND	6.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Chloroform	ND	6.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Chloromethane	ND	6.8	ug/Kg	1	02/21/25	JLI	SW8260D	
cis-1,2-Dichloroethene	ND	6.8	ug/Kg	1	02/21/25	JLI	SW8260D	
cis-1,3-Dichloropropene	ND	6.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Dibromochloromethane	ND	6.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Dibromomethane	ND	6.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Dichlorodifluoromethane	ND	6.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Ethylbenzene	ND	6.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Hexachlorobutadiene	ND	370	ug/Kg	50	02/22/25	JLI	SW8260D	

Project ID: A712 BKNY
Client ID: SB-3 (0-2`)

Phoenix I.D.: CS66582

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Isopropylbenzene	ND	370	ug/Kg	50	02/22/25	JLI	SW8260D	
m&p-Xylene	ND	6.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Methyl Ethyl Ketone	ND	34	ug/Kg	1	02/21/25	JLI	SW8260D	
Methyl t-butyl ether (MTBE)	ND	14	ug/Kg	1	02/21/25	JLI	SW8260D	
Methylene chloride	ND	14	ug/Kg	1	02/21/25	JLI	SW8260D	
Naphthalene	640	370	ug/Kg	50	02/22/25	JLI	SW8260D	
n-Butylbenzene	ND	370	ug/Kg	50	02/22/25	JLI	SW8260D	
n-Propylbenzene	ND	370	ug/Kg	50	02/22/25	JLI	SW8260D	
o-Xylene	ND	6.8	ug/Kg	1	02/21/25	JLI	SW8260D	
p-Isopropyltoluene	ND	370	ug/Kg	50	02/22/25	JLI	SW8260D	
sec-Butylbenzene	ND	370	ug/Kg	50	02/22/25	JLI	SW8260D	
Styrene	ND	6.8	ug/Kg	1	02/21/25	JLI	SW8260D	
tert-Butylbenzene	ND	370	ug/Kg	50	02/22/25	JLI	SW8260D	
Tetrachloroethene	480	370	ug/Kg	50	02/22/25	JLI	SW8260D	
Tetrahydrofuran (THF)	ND	14	ug/Kg	1	02/21/25	JLI	SW8260D	
Toluene	ND	6.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Total Xylenes	ND	6.8	ug/Kg	1	02/21/25	JLI	SW8260D	
trans-1,2-Dichloroethene	ND	6.8	ug/Kg	1	02/21/25	JLI	SW8260D	
trans-1,3-Dichloropropene	ND	6.8	ug/Kg	1	02/21/25	JLI	SW8260D	
trans-1,4-dichloro-2-butene	ND	750	ug/Kg	50	02/22/25	JLI	SW8260D	
Trichloroethene	ND	6.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Trichlorofluoromethane	ND	6.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Trichlorotrifluoroethane	ND	6.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Vinyl chloride	ND	6.8	ug/Kg	1	02/21/25	JLI	SW8260D	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	106		%	1	02/21/25	JLI	70 - 130 %	
% Bromofluorobenzene	89		%	1	02/21/25	JLI	70 - 130 %	
% Dibromofluoromethane	97		%	1	02/21/25	JLI	70 - 130 %	
% Toluene-d8	94		%	1	02/21/25	JLI	70 - 130 %	
% 1,2-dichlorobenzene-d4 (50x)	100		%	50	02/22/25	JLI	70 - 130 %	
% Bromofluorobenzene (50x)	99		%	50	02/22/25	JLI	70 - 130 %	
% Dibromofluoromethane (50x)	96		%	50	02/22/25	JLI	70 - 130 %	
% Toluene-d8 (50x)	101		%	50	02/22/25	JLI	70 - 130 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	260	ug/Kg	1	02/26/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND	260	ug/Kg	1	02/26/25	MR	SW8270E	
1,2-Dichlorobenzene	ND	260	ug/Kg	1	02/26/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND	380	ug/Kg	1	02/26/25	MR	SW8270E	
1,3-Dichlorobenzene	ND	260	ug/Kg	1	02/26/25	MR	SW8270E	
1,4-Dichlorobenzene	ND	260	ug/Kg	1	02/26/25	MR	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	260	ug/Kg	1	02/26/25	MR	SW8270E	1
2,4,5-Trichlorophenol	ND	260	ug/Kg	1	02/26/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND	260	ug/Kg	1	02/26/25	MR	SW8270E	
2,4-Dichlorophenol	ND	260	ug/Kg	1	02/26/25	MR	SW8270E	
2,4-Dimethylphenol	ND	260	ug/Kg	1	02/26/25	MR	SW8270E	
2,4-Dinitrophenol	ND	380	ug/Kg	1	02/26/25	MR	SW8270E	
2,4-Dinitrotoluene	ND	260	ug/Kg	1	02/26/25	MR	SW8270E	
2,6-Dinitrotoluene	ND	260	ug/Kg	1	02/26/25	MR	SW8270E	
2-Chloronaphthalene	ND	260	ug/Kg	1	02/26/25	MR	SW8270E	

Project ID: A712 BKNY
Client ID: SB-3 (0-2`)

Phoenix I.D.: CS66582

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2-Chlorophenol	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
2-Methylnaphthalene	1100	260	ug/Kg	1	02/26/25	MR	SW8270E
2-Methylphenol (o-cresol)	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
2-Nitroaniline	ND	380	ug/Kg	1	02/26/25	MR	SW8270E
2-Nitrophenol	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	330	ug/Kg	1	02/26/25	MR	SW8270E
3,3'-Dichlorobenzidine	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
3-Nitroaniline	ND	380	ug/Kg	1	02/26/25	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	380	ug/Kg	1	02/26/25	MR	SW8270E
4-Bromophenyl phenyl ether	ND	380	ug/Kg	1	02/26/25	MR	SW8270E
4-Chloro-3-methylphenol	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
4-Chloroaniline	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
4-Nitroaniline	ND	600	ug/Kg	1	02/26/25	MR	SW8270E
4-Nitrophenol	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
Acenaphthene	3000	260	ug/Kg	1	02/26/25	MR	SW8270E
Acenaphthylene	1300	260	ug/Kg	1	02/26/25	MR	SW8270E
Acetophenone	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
Aniline	ND	380	ug/Kg	1	02/26/25	MR	SW8270E
Anthracene	5900	260	ug/Kg	1	02/26/25	MR	SW8270E
Benz(a)anthracene	16000	1300	ug/Kg	5	02/26/25	MR	SW8270E
Benzidine	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
Benzo(a)pyrene	15000	1300	ug/Kg	5	02/26/25	MR	SW8270E
Benzo(b)fluoranthene	18000	1300	ug/Kg	5	02/26/25	MR	SW8270E
Benzo(ghi)perylene	6800	260	ug/Kg	1	02/26/25	MR	SW8270E
Benzo(k)fluoranthene	4500	260	ug/Kg	1	02/26/25	MR	SW8270E
Benzoic acid	ND	750	ug/Kg	1	02/26/25	MR	SW8270E
Benzyl butyl phthalate	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
Bis(2-chloroethyl)ether	ND	380	ug/Kg	1	02/26/25	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	380	ug/Kg	1	02/26/25	MR	SW8270E
Carbazole	2900	380	ug/Kg	1	02/26/25	MR	SW8270E
Chrysene	14000	1300	ug/Kg	5	02/26/25	MR	SW8270E
Dibenz(a,h)anthracene	1800	260	ug/Kg	1	02/26/25	MR	SW8270E
Dibenzofuran	2000	260	ug/Kg	1	02/26/25	MR	SW8270E
Diethyl phthalate	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
Dimethylphthalate	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
Di-n-butylphthalate	ND	380	ug/Kg	1	02/26/25	MR	SW8270E
Di-n-octylphthalate	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
Fluoranthene	37000	1300	ug/Kg	5	02/26/25	MR	SW8270E
Fluorene	3300	260	ug/Kg	1	02/26/25	MR	SW8270E
Hexachlorobenzene	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
Hexachlorobutadiene	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
Hexachlorocyclopentadiene	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
Hexachloroethane	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
Indeno(1,2,3-cd)pyrene	6900	260	ug/Kg	1	02/26/25	MR	SW8270E
Isophorone	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
Naphthalene	3300	260	ug/Kg	1	02/26/25	MR	SW8270E
Nitrobenzene	ND	260	ug/Kg	1	02/26/25	MR	SW8270E

Project ID: A712 BKNY
Client ID: SB-3 (0-2`)

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Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodimethylamine	ND	380	ug/Kg	1	02/26/25	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
N-Nitrosodiphenylamine	ND	380	ug/Kg	1	02/26/25	MR	SW8270E
Pentachloronitrobenzene	ND	380	ug/Kg	1	02/26/25	MR	SW8270E
Pentachlorophenol	ND	380	ug/Kg	1	02/26/25	MR	SW8270E
Phenanthrene	31000	1300	ug/Kg	5	02/26/25	MR	SW8270E
Phenol	ND	260	ug/Kg	1	02/26/25	MR	SW8270E
Pyrene	30000	1300	ug/Kg	5	02/26/25	MR	SW8270E
Pyridine	ND	380	ug/Kg	1	02/26/25	MR	SW8270E
QA/QC Surrogates							
% 2,4,6-Tribromophenol	100		%	1	02/26/25	MR	30 - 130 %
% 2-Fluorobiphenyl	68		%	1	02/26/25	MR	30 - 130 %
% 2-Fluorophenol	61		%	1	02/26/25	MR	30 - 130 %
% Nitrobenzene-d5	77		%	1	02/26/25	MR	30 - 130 %
% Phenol-d5	69		%	1	02/26/25	MR	30 - 130 %
% Terphenyl-d14	61		%	1	02/26/25	MR	30 - 130 %
% 2-Fluorobiphenyl (5x)	73		%	5	02/26/25	MR	30 - 130 %
% Nitrobenzene-d5 (5x)	79		%	5	02/26/25	MR	30 - 130 %
% Terphenyl-d14 (5x)	63		%	5	02/26/25	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 (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

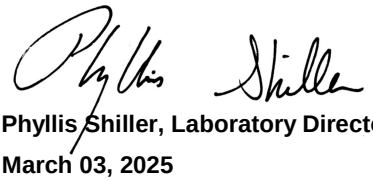
Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Volatile Comment:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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 03, 2025
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 03, 2025

FOR: Attn: Mr Jason Stewart
JBS
228 Park Ave S PMB 36418
NY, NY 1003-1502

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		02/18/25	
Location Code:	JBS	Received by:	B	02/20/25	19:04
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCS66578
Phoenix ID: CS66583

Project ID: A712 BKNY
Client ID: SB-3 (7-9`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.41	0.41	mg/Kg	1	02/24/25	CPP	SW6010D	
Aluminum	9690	62	mg/Kg	10	02/24/25	CPP	SW6010D	
Arsenic	3.90	0.82	mg/Kg	1	02/24/25	CPP	SW6010D	
Barium	25.0	0.41	mg/Kg	1	02/24/25	CPP	SW6010D	
Beryllium	0.50	0.33	mg/Kg	1	02/24/25	CPP	SW6010D	
Calcium	835	6.2	mg/Kg	1	02/24/25	CPP	SW6010D	
Cadmium	< 0.41	0.41	mg/Kg	1	02/24/25	CPP	SW6010D	
Cobalt	7.05	0.41	mg/Kg	1	02/24/25	CPP	SW6010D	
Chromium	19.4	0.41	mg/Kg	1	02/24/25	CPP	SW6010D	
Copper	16.3	0.8	mg/kg	1	02/24/25	CPP	SW6010D	
Iron	21800	62	mg/Kg	10	02/24/25	CPP	SW6010D	
Mercury	< 0.03	0.03	mg/Kg	2	02/21/25	JM	SW7471B	
Potassium	1310	62	mg/Kg	10	02/24/25	CPP	SW6010D	
Magnesium	3240	6.2	mg/Kg	1	02/24/25	CPP	SW6010D	
Manganese	367	0.41	mg/Kg	1	02/24/25	CPP	SW6010D	
Sodium	71.1	6.2	mg/Kg	1	02/24/25	CPP	SW6010D	
Nickel	17.4	0.41	mg/Kg	1	02/24/25	CPP	SW6010D	
Lead	9.83	0.41	mg/Kg	1	02/24/25	CPP	SW6010D	
Antimony	< 4.1	4.1	mg/Kg	1	02/24/25	CPP	SW6010D	
Selenium	< 1.6	1.6	mg/Kg	1	02/24/25	CPP	SW6010D	
Thallium	< 3.7	3.7	mg/Kg	1	02/24/25	CPP	SW6010D	
Vanadium	23.0	0.41	mg/Kg	1	02/24/25	CPP	SW6010D	
Zinc	105	0.8	mg/Kg	1	02/24/25	CPP	SW6010D	
Percent Solid	80		%		02/20/25	CV	SW846-%Solid	
Field Extraction	Completed				02/18/25		SW5035A	1
Mercury Digestion	Completed				02/21/25	AC1/AC1	SW7471B	
Soil Extraction for SVOA	Completed				02/25/25	AC1/AC1	SW3546	

Ver 1

Project ID: A712 BKNY
Client ID: SB-3 (7-9`)

Phoenix I.D.: CS66583

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Total Metals Digest	Completed				02/21/25	P/AG	SW3050B	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
2-Hexanone	ND	26	ug/Kg	1	02/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	1
4-Chlorotoluene	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
4-Methyl-2-pentanone	ND	26	ug/Kg	1	02/21/25	JLI	SW8260D	
Acetone	ND	26	ug/Kg	1	02/21/25	JLI	SW8260D	
Acrylonitrile	ND	10	ug/Kg	1	02/21/25	JLI	SW8260D	
Benzene	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
Bromobenzene	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
Bromochloromethane	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
Bromodichloromethane	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
Bromoform	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
Bromomethane	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
Carbon Disulfide	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
Carbon tetrachloride	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
Chlorobenzene	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
Chloroethane	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
Chloroform	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
Chloromethane	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
cis-1,2-Dichloroethene	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
cis-1,3-Dichloropropene	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
Dibromochloromethane	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
Dibromomethane	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
Dichlorodifluoromethane	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
Ethylbenzene	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
Hexachlorobutadiene	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	

Project ID: A712 BKNY
Client ID: SB-3 (7-9`)

Phoenix I.D.: CS66583

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Isopropylbenzene	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
m&p-Xylene	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
Methyl Ethyl Ketone	ND	26	ug/Kg	1	02/21/25	JLI	SW8260D	
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	1	02/21/25	JLI	SW8260D	
Methylene chloride	ND	10	ug/Kg	1	02/21/25	JLI	SW8260D	
Naphthalene	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
n-Butylbenzene	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
n-Propylbenzene	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
o-Xylene	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
p-Isopropyltoluene	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
sec-Butylbenzene	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
Styrene	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
tert-Butylbenzene	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
Tetrachloroethene	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
Tetrahydrofuran (THF)	ND	10	ug/Kg	1	02/21/25	JLI	SW8260D	
Toluene	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
Total Xylenes	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
trans-1,2-Dichloroethene	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
trans-1,3-Dichloropropene	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	1	02/21/25	JLI	SW8260D	
Trichloroethene	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
Trichlorofluoromethane	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
Trichlorotrifluoroethane	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
Vinyl chloride	ND	5.2	ug/Kg	1	02/21/25	JLI	SW8260D	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	94		%	1	02/21/25	JLI	70 - 130 %	
% Bromofluorobenzene	98		%	1	02/21/25	JLI	70 - 130 %	
% Dibromofluoromethane	105		%	1	02/21/25	JLI	70 - 130 %	
% Toluene-d8	91		%	1	02/21/25	JLI	70 - 130 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	290	ug/Kg	1	02/25/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND	290	ug/Kg	1	02/25/25	MR	SW8270E	
1,2-Dichlorobenzene	ND	290	ug/Kg	1	02/25/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND	410	ug/Kg	1	02/25/25	MR	SW8270E	
1,3-Dichlorobenzene	ND	290	ug/Kg	1	02/25/25	MR	SW8270E	
1,4-Dichlorobenzene	ND	290	ug/Kg	1	02/25/25	MR	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	290	ug/Kg	1	02/25/25	MR	SW8270E	1
2,4,5-Trichlorophenol	ND	290	ug/Kg	1	02/25/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND	290	ug/Kg	1	02/25/25	MR	SW8270E	
2,4-Dichlorophenol	ND	290	ug/Kg	1	02/25/25	MR	SW8270E	
2,4-Dimethylphenol	ND	290	ug/Kg	1	02/25/25	MR	SW8270E	
2,4-Dinitrophenol	ND	410	ug/Kg	1	02/25/25	MR	SW8270E	
2,4-Dinitrotoluene	ND	290	ug/Kg	1	02/25/25	MR	SW8270E	
2,6-Dinitrotoluene	ND	290	ug/Kg	1	02/25/25	MR	SW8270E	
2-Chloronaphthalene	ND	290	ug/Kg	1	02/25/25	MR	SW8270E	
2-Chlorophenol	ND	290	ug/Kg	1	02/25/25	MR	SW8270E	
2-Methylnaphthalene	ND	290	ug/Kg	1	02/25/25	MR	SW8270E	
2-Methylphenol (o-cresol)	ND	290	ug/Kg	1	02/25/25	MR	SW8270E	
2-Nitroaniline	ND	410	ug/Kg	1	02/25/25	MR	SW8270E	

Project ID: A712 BKNY
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Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2-Nitrophenol	ND	290	ug/Kg	1	02/25/25	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	330	ug/Kg	1	02/25/25	MR	SW8270E
3,3'-Dichlorobenzidine	ND	290	ug/Kg	1	02/25/25	MR	SW8270E
3-Nitroaniline	ND	410	ug/Kg	1	02/25/25	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	410	ug/Kg	1	02/25/25	MR	SW8270E
4-Bromophenyl phenyl ether	ND	410	ug/Kg	1	02/25/25	MR	SW8270E
4-Chloro-3-methylphenol	ND	290	ug/Kg	1	02/25/25	MR	SW8270E
4-Chloroaniline	ND	290	ug/Kg	1	02/25/25	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	290	ug/Kg	1	02/25/25	MR	SW8270E
4-Nitroaniline	ND	660	ug/Kg	1	02/25/25	MR	SW8270E
4-Nitrophenol	ND	290	ug/Kg	1	02/25/25	MR	SW8270E
Acenaphthene	ND	290	ug/Kg	1	02/25/25	MR	SW8270E
Acenaphthylene	ND	290	ug/Kg	1	02/25/25	MR	SW8270E
Acetophenone	ND	290	ug/Kg	1	02/25/25	MR	SW8270E
Aniline	ND	410	ug/Kg	1	02/25/25	MR	SW8270E
Anthracene	ND	290	ug/Kg	1	02/25/25	MR	SW8270E
Benz(a)anthracene	ND	290	ug/Kg	1	02/25/25	MR	SW8270E
Benzidine	ND	290	ug/Kg	1	02/25/25	MR	SW8270E
Benzo(a)pyrene	ND	290	ug/Kg	1	02/25/25	MR	SW8270E
Benzo(b)fluoranthene	ND	290	ug/Kg	1	02/25/25	MR	SW8270E
Benzo(ghi)perylene	ND	290	ug/Kg	1	02/25/25	MR	SW8270E
Benzo(k)fluoranthene	ND	290	ug/Kg	1	02/25/25	MR	SW8270E
Benzoic acid	ND	830	ug/Kg	1	02/25/25	MR	SW8270E
Benzyl butyl phthalate	ND	290	ug/Kg	1	02/25/25	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	290	ug/Kg	1	02/25/25	MR	SW8270E
Bis(2-chloroethyl)ether	ND	410	ug/Kg	1	02/25/25	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	410	ug/Kg	1	02/25/25	MR	SW8270E
Carbazole	ND	410	ug/Kg	1	02/25/25	MR	SW8270E
Chrysene	ND	290	ug/Kg	1	02/25/25	MR	SW8270E
Dibenz(a,h)anthracene	ND	290	ug/Kg	1	02/25/25	MR	SW8270E
Dibenzofuran	ND	290	ug/Kg	1	02/25/25	MR	SW8270E
Diethyl phthalate	ND	290	ug/Kg	1	02/25/25	MR	SW8270E
Dimethylphthalate	ND	290	ug/Kg	1	02/25/25	MR	SW8270E
Di-n-butylphthalate	ND	410	ug/Kg	1	02/25/25	MR	SW8270E
Di-n-octylphthalate	ND	290	ug/Kg	1	02/25/25	MR	SW8270E
Fluoranthene	ND	290	ug/Kg	1	02/25/25	MR	SW8270E
Fluorene	ND	290	ug/Kg	1	02/25/25	MR	SW8270E
Hexachlorobenzene	ND	290	ug/Kg	1	02/25/25	MR	SW8270E
Hexachlorobutadiene	ND	290	ug/Kg	1	02/25/25	MR	SW8270E
Hexachlorocyclopentadiene	ND	290	ug/Kg	1	02/25/25	MR	SW8270E
Hexachloroethane	ND	290	ug/Kg	1	02/25/25	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	290	ug/Kg	1	02/25/25	MR	SW8270E
Isophorone	ND	290	ug/Kg	1	02/25/25	MR	SW8270E
Naphthalene	ND	290	ug/Kg	1	02/25/25	MR	SW8270E
Nitrobenzene	ND	290	ug/Kg	1	02/25/25	MR	SW8270E
N-Nitrosodimethylamine	ND	410	ug/Kg	1	02/25/25	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	290	ug/Kg	1	02/25/25	MR	SW8270E
N-Nitrosodiphenylamine	ND	410	ug/Kg	1	02/25/25	MR	SW8270E
Pentachloronitrobenzene	ND	410	ug/Kg	1	02/25/25	MR	SW8270E

Project ID: A712 BKNY
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Phoenix I.D.: CS66583

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Pentachlorophenol	ND	410	ug/Kg	1	02/25/25	MR	SW8270E
Phenanthrene	ND	290	ug/Kg	1	02/25/25	MR	SW8270E
Phenol	ND	290	ug/Kg	1	02/25/25	MR	SW8270E
Pyrene	ND	290	ug/Kg	1	02/25/25	MR	SW8270E
Pyridine	ND	410	ug/Kg	1	02/25/25	MR	SW8270E
QA/QC Surrogates							
% 2,4,6-Tribromophenol	111		%	1	02/25/25	MR	30 - 130 %
% 2-Fluorobiphenyl	73		%	1	02/25/25	MR	30 - 130 %
% 2-Fluorophenol	66		%	1	02/25/25	MR	30 - 130 %
% Nitrobenzene-d5	78		%	1	02/25/25	MR	30 - 130 %
% Phenol-d5	73		%	1	02/25/25	MR	30 - 130 %
% Terphenyl-d14	70		%	1	02/25/25	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 (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

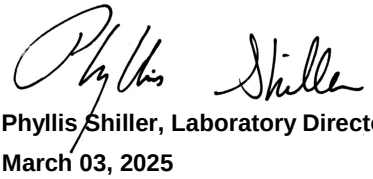
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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 03, 2025
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 03, 2025

FOR: Attn: Mr Jason Stewart
JBS
228 Park Ave S PMB 36418
NY, NY 1003-1502

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		02/18/25	
Location Code:	JBS	Received by:	B	02/20/25	19:04
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCS66578
Phoenix ID: CS66584

Project ID: A712 BKNY
Client ID: SB-4 (0-2`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.41	0.41	mg/Kg	1	02/24/25	CPP	SW6010D	
Aluminum	10500	62	mg/Kg	10	02/24/25	CPP	SW6010D	
Arsenic	3.62	0.82	mg/Kg	1	02/24/25	CPP	SW6010D	
Barium	39.8	0.41	mg/Kg	1	02/24/25	CPP	SW6010D	
Beryllium	0.63	0.33	mg/Kg	1	02/24/25	CPP	SW6010D	
Calcium	1070	6.2	mg/Kg	1	02/24/25	CPP	SW6010D	
Cadmium	< 0.41	0.41	mg/Kg	1	02/24/25	CPP	SW6010D	
Cobalt	9.33	0.41	mg/Kg	1	02/24/25	CPP	SW6010D	
Chromium	15.9	0.41	mg/Kg	1	02/24/25	CPP	SW6010D	
Copper	14.8	0.8	mg/kg	1	02/24/25	CPP	SW6010D	
Iron	19300	62	mg/Kg	10	02/24/25	CPP	SW6010D	
Mercury	< 0.03	0.03	mg/Kg	2	02/21/25	JM	SW7471B	
Potassium	1020	62	mg/Kg	10	02/24/25	CPP	SW6010D	
Magnesium	3080	6.2	mg/Kg	1	02/24/25	CPP	SW6010D	
Manganese	241	0.41	mg/Kg	1	02/24/25	CPP	SW6010D	
Sodium	76.7	6.2	mg/Kg	1	02/24/25	CPP	SW6010D	
Nickel	14.9	0.41	mg/Kg	1	02/24/25	CPP	SW6010D	
Lead	10.2	0.41	mg/Kg	1	02/24/25	CPP	SW6010D	
Antimony	< 4.1	4.1	mg/Kg	1	02/24/25	CPP	SW6010D	
Selenium	< 1.6	1.6	mg/Kg	1	02/24/25	CPP	SW6010D	
Thallium	< 3.7	3.7	mg/Kg	1	02/24/25	CPP	SW6010D	
Vanadium	22.3	0.41	mg/Kg	1	02/24/25	CPP	SW6010D	
Zinc	64.4	0.8	mg/Kg	1	02/24/25	CPP	SW6010D	
Percent Solid	82		%		02/20/25	CV	SW846-%Solid	
Field Extraction	Completed				02/18/25		SW5035A	1
Mercury Digestion	Completed				02/21/25	AC1/AC1	SW7471B	
Soil Extraction for SVOA	Completed				02/25/25	AC1/AC1	SW3546	

Ver 1

Project ID: A712 BKNY
Client ID: SB-4 (0-2`)

Phoenix I.D.: CS66584

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Total Metals Digest	Completed				02/21/25	P/AG	SW3050B	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
2-Hexanone	ND	25	ug/Kg	1	02/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	1
4-Chlorotoluene	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
4-Methyl-2-pentanone	ND	25	ug/Kg	1	02/21/25	JLI	SW8260D	
Acetone	ND	25	ug/Kg	1	02/21/25	JLI	SW8260D	
Acrylonitrile	ND	10	ug/Kg	1	02/21/25	JLI	SW8260D	
Benzene	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Bromobenzene	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Bromochloromethane	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Bromodichloromethane	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Bromoform	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Bromomethane	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Carbon Disulfide	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Carbon tetrachloride	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Chlorobenzene	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Chloroethane	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Chloroform	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Chloromethane	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Dibromochloromethane	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Dibromomethane	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Dichlorodifluoromethane	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Ethylbenzene	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Hexachlorobutadiene	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	

Project ID: A712 BKNY
Client ID: SB-4 (0-2`)

Phoenix I.D.: CS66584

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Isopropylbenzene	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
m&p-Xylene	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Methyl Ethyl Ketone	ND	25	ug/Kg	1	02/21/25	JLI	SW8260D	
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	1	02/21/25	JLI	SW8260D	
Methylene chloride	ND	10	ug/Kg	1	02/21/25	JLI	SW8260D	
Naphthalene	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
n-Butylbenzene	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
n-Propylbenzene	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
o-Xylene	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
p-Isopropyltoluene	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
sec-Butylbenzene	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Styrene	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
tert-Butylbenzene	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Tetrachloroethene	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Tetrahydrofuran (THF)	ND	10	ug/Kg	1	02/21/25	JLI	SW8260D	
Toluene	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Total Xylenes	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	1	02/21/25	JLI	SW8260D	
Trichloroethene	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Trichlorofluoromethane	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
Vinyl chloride	ND	5.0	ug/Kg	1	02/21/25	JLI	SW8260D	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	95		%	1	02/21/25	JLI	70 - 130 %	
% Bromofluorobenzene	94		%	1	02/21/25	JLI	70 - 130 %	
% Dibromofluoromethane	105		%	1	02/21/25	JLI	70 - 130 %	
% Toluene-d8	92		%	1	02/21/25	JLI	70 - 130 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	280	ug/Kg	1	02/26/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND	280	ug/Kg	1	02/26/25	MR	SW8270E	
1,2-Dichlorobenzene	ND	280	ug/Kg	1	02/26/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND	400	ug/Kg	1	02/26/25	MR	SW8270E	
1,3-Dichlorobenzene	ND	280	ug/Kg	1	02/26/25	MR	SW8270E	
1,4-Dichlorobenzene	ND	280	ug/Kg	1	02/26/25	MR	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	280	ug/Kg	1	02/26/25	MR	SW8270E	1
2,4,5-Trichlorophenol	ND	280	ug/Kg	1	02/26/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND	280	ug/Kg	1	02/26/25	MR	SW8270E	
2,4-Dichlorophenol	ND	280	ug/Kg	1	02/26/25	MR	SW8270E	
2,4-Dimethylphenol	ND	280	ug/Kg	1	02/26/25	MR	SW8270E	
2,4-Dinitrophenol	ND	400	ug/Kg	1	02/26/25	MR	SW8270E	
2,4-Dinitrotoluene	ND	280	ug/Kg	1	02/26/25	MR	SW8270E	
2,6-Dinitrotoluene	ND	280	ug/Kg	1	02/26/25	MR	SW8270E	
2-Chloronaphthalene	ND	280	ug/Kg	1	02/26/25	MR	SW8270E	
2-Chlorophenol	ND	280	ug/Kg	1	02/26/25	MR	SW8270E	
2-Methylnaphthalene	ND	280	ug/Kg	1	02/26/25	MR	SW8270E	
2-Methylphenol (o-cresol)	ND	280	ug/Kg	1	02/26/25	MR	SW8270E	
2-Nitroaniline	ND	400	ug/Kg	1	02/26/25	MR	SW8270E	

Project ID: A712 BKNY
Client ID: SB-4 (0-2`)

Phoenix I.D.: CS66584

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2-Nitrophenol	ND	280	ug/Kg	1	02/26/25	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	330	ug/Kg	1	02/26/25	MR	SW8270E
3,3'-Dichlorobenzidine	ND	280	ug/Kg	1	02/26/25	MR	SW8270E
3-Nitroaniline	ND	400	ug/Kg	1	02/26/25	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	400	ug/Kg	1	02/26/25	MR	SW8270E
4-Bromophenyl phenyl ether	ND	400	ug/Kg	1	02/26/25	MR	SW8270E
4-Chloro-3-methylphenol	ND	280	ug/Kg	1	02/26/25	MR	SW8270E
4-Chloroaniline	ND	280	ug/Kg	1	02/26/25	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	280	ug/Kg	1	02/26/25	MR	SW8270E
4-Nitroaniline	ND	640	ug/Kg	1	02/26/25	MR	SW8270E
4-Nitrophenol	ND	280	ug/Kg	1	02/26/25	MR	SW8270E
Acenaphthene	410	280	ug/Kg	1	02/26/25	MR	SW8270E
Acenaphthylene	ND	280	ug/Kg	1	02/26/25	MR	SW8270E
Acetophenone	ND	280	ug/Kg	1	02/26/25	MR	SW8270E
Aniline	ND	400	ug/Kg	1	02/26/25	MR	SW8270E
Anthracene	940	280	ug/Kg	1	02/26/25	MR	SW8270E
Benz(a)anthracene	1700	280	ug/Kg	1	02/26/25	MR	SW8270E
Benzidine	ND	280	ug/Kg	1	02/26/25	MR	SW8270E
Benzo(a)pyrene	1300	280	ug/Kg	1	02/26/25	MR	SW8270E
Benzo(b)fluoranthene	1600	280	ug/Kg	1	02/26/25	MR	SW8270E
Benzo(ghi)perylene	750	280	ug/Kg	1	02/26/25	MR	SW8270E
Benzo(k)fluoranthene	560	280	ug/Kg	1	02/26/25	MR	SW8270E
Benzoic acid	ND	800	ug/Kg	1	02/26/25	MR	SW8270E
Benzyl butyl phthalate	ND	280	ug/Kg	1	02/26/25	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	280	ug/Kg	1	02/26/25	MR	SW8270E
Bis(2-chloroethyl)ether	ND	400	ug/Kg	1	02/26/25	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	400	ug/Kg	1	02/26/25	MR	SW8270E
Carbazole	ND	400	ug/Kg	1	02/26/25	MR	SW8270E
Chrysene	1500	280	ug/Kg	1	02/26/25	MR	SW8270E
Dibenz(a,h)anthracene	ND	280	ug/Kg	1	02/26/25	MR	SW8270E
Dibenzofuran	350	280	ug/Kg	1	02/26/25	MR	SW8270E
Diethyl phthalate	ND	280	ug/Kg	1	02/26/25	MR	SW8270E
Dimethylphthalate	ND	280	ug/Kg	1	02/26/25	MR	SW8270E
Di-n-butylphthalate	ND	400	ug/Kg	1	02/26/25	MR	SW8270E
Di-n-octylphthalate	ND	280	ug/Kg	1	02/26/25	MR	SW8270E
Fluoranthene	3500	280	ug/Kg	1	02/26/25	MR	SW8270E
Fluorene	580	280	ug/Kg	1	02/26/25	MR	SW8270E
Hexachlorobenzene	ND	280	ug/Kg	1	02/26/25	MR	SW8270E
Hexachlorobutadiene	ND	280	ug/Kg	1	02/26/25	MR	SW8270E
Hexachlorocyclopentadiene	ND	280	ug/Kg	1	02/26/25	MR	SW8270E
Hexachloroethane	ND	280	ug/Kg	1	02/26/25	MR	SW8270E
Indeno(1,2,3-cd)pyrene	710	280	ug/Kg	1	02/26/25	MR	SW8270E
Isophorone	ND	280	ug/Kg	1	02/26/25	MR	SW8270E
Naphthalene	ND	280	ug/Kg	1	02/26/25	MR	SW8270E
Nitrobenzene	ND	280	ug/Kg	1	02/26/25	MR	SW8270E
N-Nitrosodimethylamine	ND	400	ug/Kg	1	02/26/25	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	280	ug/Kg	1	02/26/25	MR	SW8270E
N-Nitrosodiphenylamine	ND	400	ug/Kg	1	02/26/25	MR	SW8270E
Pentachloronitrobenzene	ND	400	ug/Kg	1	02/26/25	MR	SW8270E

Project ID: A712 BKNY
Client ID: SB-4 (0-2`)

Phoenix I.D.: CS66584

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Pentachlorophenol	ND	400	ug/Kg	1	02/26/25	MR	SW8270E
Phenanthrene	4400	280	ug/Kg	1	02/26/25	MR	SW8270E
Phenol	ND	280	ug/Kg	1	02/26/25	MR	SW8270E
Pyrene	3200	280	ug/Kg	1	02/26/25	MR	SW8270E
Pyridine	ND	400	ug/Kg	1	02/26/25	MR	SW8270E
QA/QC Surrogates							
% 2,4,6-Tribromophenol	117		%	1	02/26/25	MR	30 - 130 %
% 2-Fluorobiphenyl	78		%	1	02/26/25	MR	30 - 130 %
% 2-Fluorophenol	68		%	1	02/26/25	MR	30 - 130 %
% Nitrobenzene-d5	83		%	1	02/26/25	MR	30 - 130 %
% Phenol-d5	76		%	1	02/26/25	MR	30 - 130 %
% Terphenyl-d14	75		%	1	02/26/25	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 (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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 03, 2025
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 03, 2025

FOR: Attn: Mr Jason Stewart
JBS
228 Park Ave S PMB 36418
NY, NY 1003-1502

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		02/18/25	
Location Code:	JBS	Received by:	B	02/20/25	19:04
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCS66578
Phoenix ID: CS66585

Project ID: A712 BKNY
Client ID: SB-4 (7-9`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.39	0.39	mg/Kg	1	02/24/25	CPP	SW6010D	
Aluminum	7590	5.8	mg/Kg	1	02/24/25	CPP	SW6010D	
Arsenic	2.87	0.77	mg/Kg	1	02/24/25	CPP	SW6010D	
Barium	28.9	0.39	mg/Kg	1	02/24/25	CPP	SW6010D	
Beryllium	0.40	0.31	mg/Kg	1	02/24/25	CPP	SW6010D	
Calcium	827	5.8	mg/Kg	1	02/24/25	CPP	SW6010D	
Cadmium	< 0.39	0.39	mg/Kg	1	02/24/25	CPP	SW6010D	
Cobalt	6.10	0.39	mg/Kg	1	02/24/25	CPP	SW6010D	
Chromium	11.4	0.39	mg/Kg	1	02/24/25	CPP	SW6010D	
Copper	11.7	0.8	mg/kg	1	02/24/25	CPP	SW6010D	
Iron	17500	58	mg/Kg	10	02/24/25	CPP	SW6010D	
Mercury	< 0.03	0.03	mg/Kg	2	02/21/25	JM	SW7471B	
Potassium	904	58	mg/Kg	10	02/25/25	CPP	SW6010D	
Magnesium	2740	5.8	mg/Kg	1	02/24/25	CPP	SW6010D	
Manganese	137	0.39	mg/Kg	1	02/24/25	CPP	SW6010D	
Sodium	58.9	5.8	mg/Kg	1	02/24/25	CPP	SW6010D	
Nickel	14.4	0.39	mg/Kg	1	02/24/25	CPP	SW6010D	
Lead	5.92	0.39	mg/Kg	1	02/24/25	CPP	SW6010D	
Antimony	< 3.9	3.9	mg/Kg	1	02/24/25	CPP	SW6010D	
Selenium	< 1.5	1.5	mg/Kg	1	02/24/25	CPP	SW6010D	
Thallium	< 3.5	3.5	mg/Kg	1	02/24/25	CPP	SW6010D	
Vanadium	16.9	0.39	mg/Kg	1	02/24/25	CPP	SW6010D	
Zinc	35.0	0.8	mg/Kg	1	02/24/25	CPP	SW6010D	
Percent Solid	84		%		02/20/25	CV	SW846-%Solid	
Field Extraction	Completed				02/18/25		SW5035A	1
Mercury Digestion	Completed				02/21/25	AC1/AC1	SW7471B	
Soil Extraction for SVOA	Completed				02/25/25	AC1/AC1	SW3546	

Ver 1

Project ID: A712 BKNY
Client ID: SB-4 (7-9`)

Phoenix I.D.: CS66585

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Total Metals Digest	Completed				02/21/25	P/AG	SW3050B	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
2-Hexanone	ND	24	ug/Kg	1	02/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	1
4-Chlorotoluene	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
4-Methyl-2-pentanone	ND	24	ug/Kg	1	02/21/25	JLI	SW8260D	
Acetone	ND	24	ug/Kg	1	02/21/25	JLI	SW8260D	
Acrylonitrile	ND	9.6	ug/Kg	1	02/21/25	JLI	SW8260D	
Benzene	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Bromobenzene	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Bromochloromethane	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Bromodichloromethane	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Bromoform	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Bromomethane	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Carbon Disulfide	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Carbon tetrachloride	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Chlorobenzene	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Chloroethane	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Chloroform	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Chloromethane	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
cis-1,2-Dichloroethene	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
cis-1,3-Dichloropropene	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Dibromochloromethane	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Dibromomethane	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Dichlorodifluoromethane	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Ethylbenzene	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Hexachlorobutadiene	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	

Project ID: A712 BKNY
Client ID: SB-4 (7-9`)

Phoenix I.D.: CS66585

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Isopropylbenzene	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
m&p-Xylene	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Methyl Ethyl Ketone	ND	24	ug/Kg	1	02/21/25	JLI	SW8260D	
Methyl t-butyl ether (MTBE)	ND	9.6	ug/Kg	1	02/21/25	JLI	SW8260D	
Methylene chloride	ND	9.6	ug/Kg	1	02/21/25	JLI	SW8260D	
Naphthalene	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
n-Butylbenzene	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
n-Propylbenzene	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
o-Xylene	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
p-Isopropyltoluene	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
sec-Butylbenzene	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Styrene	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
tert-Butylbenzene	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Tetrachloroethene	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Tetrahydrofuran (THF)	ND	9.6	ug/Kg	1	02/21/25	JLI	SW8260D	
Toluene	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Total Xylenes	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
trans-1,2-Dichloroethene	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
trans-1,3-Dichloropropene	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
trans-1,4-dichloro-2-butene	ND	9.6	ug/Kg	1	02/21/25	JLI	SW8260D	
Trichloroethene	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Trichlorofluoromethane	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Trichlorotrifluoroethane	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
Vinyl chloride	ND	4.8	ug/Kg	1	02/21/25	JLI	SW8260D	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	94		%	1	02/21/25	JLI	70 - 130 %	
% Bromofluorobenzene	98		%	1	02/21/25	JLI	70 - 130 %	
% Dibromofluoromethane	104		%	1	02/21/25	JLI	70 - 130 %	
% Toluene-d8	91		%	1	02/21/25	JLI	70 - 130 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E	
1,2-Dichlorobenzene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND	400	ug/Kg	1	02/25/25	MR	SW8270E	
1,3-Dichlorobenzene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E	
1,4-Dichlorobenzene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	280	ug/Kg	1	02/25/25	MR	SW8270E	1
2,4,5-Trichlorophenol	ND	280	ug/Kg	1	02/25/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND	280	ug/Kg	1	02/25/25	MR	SW8270E	
2,4-Dichlorophenol	ND	280	ug/Kg	1	02/25/25	MR	SW8270E	
2,4-Dimethylphenol	ND	280	ug/Kg	1	02/25/25	MR	SW8270E	
2,4-Dinitrophenol	ND	400	ug/Kg	1	02/25/25	MR	SW8270E	
2,4-Dinitrotoluene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E	
2,6-Dinitrotoluene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E	
2-Chloronaphthalene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E	
2-Chlorophenol	ND	280	ug/Kg	1	02/25/25	MR	SW8270E	
2-Methylnaphthalene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E	
2-Methylphenol (o-cresol)	ND	280	ug/Kg	1	02/25/25	MR	SW8270E	
2-Nitroaniline	ND	400	ug/Kg	1	02/25/25	MR	SW8270E	

Project ID: A712 BKNY
Client ID: SB-4 (7-9`)

Phoenix I.D.: CS66585

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2-Nitrophenol	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	330	ug/Kg	1	02/25/25	MR	SW8270E
3,3'-Dichlorobenzidine	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
3-Nitroaniline	ND	400	ug/Kg	1	02/25/25	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	400	ug/Kg	1	02/25/25	MR	SW8270E
4-Bromophenyl phenyl ether	ND	400	ug/Kg	1	02/25/25	MR	SW8270E
4-Chloro-3-methylphenol	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
4-Chloroaniline	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
4-Nitroaniline	ND	630	ug/Kg	1	02/25/25	MR	SW8270E
4-Nitrophenol	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Acenaphthene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Acenaphthylene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Acetophenone	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Aniline	ND	400	ug/Kg	1	02/25/25	MR	SW8270E
Anthracene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Benz(a)anthracene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Benzidine	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Benzo(a)pyrene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Benzo(b)fluoranthene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Benzo(ghi)perylene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Benzo(k)fluoranthene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Benzoic acid	ND	790	ug/Kg	1	02/25/25	MR	SW8270E
Benzyl butyl phthalate	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Bis(2-chloroethyl)ether	ND	400	ug/Kg	1	02/25/25	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	400	ug/Kg	1	02/25/25	MR	SW8270E
Carbazole	ND	400	ug/Kg	1	02/25/25	MR	SW8270E
Chrysene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Dibenz(a,h)anthracene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Dibenzofuran	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Diethyl phthalate	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Dimethylphthalate	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Di-n-butylphthalate	ND	400	ug/Kg	1	02/25/25	MR	SW8270E
Di-n-octylphthalate	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Fluoranthene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Fluorene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Hexachlorobenzene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Hexachlorobutadiene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Hexachlorocyclopentadiene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Hexachloroethane	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Isophorone	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Naphthalene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Nitrobenzene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
N-Nitrosodimethylamine	ND	400	ug/Kg	1	02/25/25	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
N-Nitrosodiphenylamine	ND	400	ug/Kg	1	02/25/25	MR	SW8270E
Pentachloronitrobenzene	ND	400	ug/Kg	1	02/25/25	MR	SW8270E

Project ID: A712 BKNY
Client ID: SB-4 (7-9`)

Phoenix I.D.: CS66585

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Pentachlorophenol	ND	400	ug/Kg	1	02/25/25	MR	SW8270E
Phenanthrene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Phenol	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Pyrene	ND	280	ug/Kg	1	02/25/25	MR	SW8270E
Pyridine	ND	400	ug/Kg	1	02/25/25	MR	SW8270E
QA/QC Surrogates							
% 2,4,6-Tribromophenol	105		%	1	02/25/25	MR	30 - 130 %
% 2-Fluorobiphenyl	75		%	1	02/25/25	MR	30 - 130 %
% 2-Fluorophenol	65		%	1	02/25/25	MR	30 - 130 %
% Nitrobenzene-d5	77		%	1	02/25/25	MR	30 - 130 %
% Phenol-d5	71		%	1	02/25/25	MR	30 - 130 %
% Terphenyl-d14	68		%	1	02/25/25	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 (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

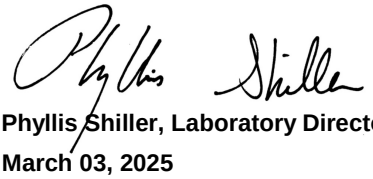
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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 03, 2025
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 03, 2025

FOR: Attn: Mr Jason Stewart
JBS
228 Park Ave S PMB 36418
NY, NY 1003-1502

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		02/18/25	
Location Code:	JBS	Received by:	B	02/20/25	19:04
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCS66578
Phoenix ID: CS66586

Project ID: A712 BKNY
Client ID: MW-1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver (Dissolved)	< 0.001	0.001	mg/L	1	02/21/25	TH	SW6010D
Aluminum (Dissolved)	< 0.011	0.011	mg/L	1	02/21/25	TH	SW6010D
Arsenic (Dissolved)	< 0.004	0.004	mg/L	1	02/21/25	TH	SW6010D
Barium (Dissolved)	0.095	0.002	mg/L	1	02/21/25	TH	SW6010D
Beryllium (Dissolved)	< 0.001	0.001	mg/L	1	02/21/25	TH	SW6010D
Calcium (Dissolved)	248	0.11	mg/L	10	02/21/25	CPP	SW6010D
Cadmium (Dissolved)	< 0.001	0.001	mg/L	1	02/21/25	TH	SW6010D
Cobalt (Dissolved)	0.002	0.001	mg/L	1	02/21/25	TH	SW6010D
Chromium (Dissolved)	< 0.001	0.001	mg/L	1	02/21/25	TH	SW6010D
Copper (Dissolved)	< 0.005	0.005	mg/L	1	02/21/25	TH	SW6010D
Iron (Dissolved)	8.37	0.011	mg/L	1	02/21/25	TH	SW6010D
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	1	02/25/25	ZT	SW7470A
Potassium (Dissolved)	31.2	1.1	mg/L	10	02/21/25	CPP	SW6010D
Magnesium (Dissolved)	42.4	0.01	mg/L	1	02/21/25	TH	SW6010D
Manganese (Dissolved)	3.28	0.001	mg/L	1	02/21/25	TH	SW6010D
Sodium (Dissolved)	146	1.1	mg/L	10	02/21/25	CPP	SW6010D
Nickel (Dissolved)	0.002	0.001	mg/L	1	02/21/25	TH	SW6010D
Lead (Dissolved)	< 0.002	0.002	mg/L	1	02/21/25	TH	SW6010D
Antimony (Dissolved)	< 0.003	0.003	mg/L	1	02/21/25	TH	SW6010D
Selenium (Dissolved)	< 0.010	0.010	mg/L	1	02/21/25	TH	SW6010D
Thallium, Dissolved	< 0.0005	0.0005	mg/L	1	02/21/25	TH	SW6010D
Vanadium (Dissolved)	< 0.002	0.002	mg/L	1	02/21/25	TH	SW6010D
Zinc (Dissolved)	0.006	0.002	mg/L	1	02/21/25	TH	SW6010D
Lab Filtration	Completed				02/20/25	AG	0.45um Filter
Dissolved Mercury Digestion	Completed				02/25/25	AK/AK	SW7470A
Semi-Volatile Extraction	Completed				02/21/25	L/K/MQ	SW3520C
Dissolved Metals Preparation	Completed				02/20/25	AG	SW3005A

Ver 1

Project ID: A712 BKNY
Client ID: MW-1

Phoenix I.D.: CS66586

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
1,1,1-Trichloroethane	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND	2.5	ug/L	5	02/24/25	MH	SW8260D	
1,1,2-Trichloroethane	ND	1.0	ug/L	5	02/24/25	MH	SW8260D	
1,1-Dichloroethane	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
1,1-Dichloroethene	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
1,1-Dichloropropene	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
1,2,3-Trichlorobenzene	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
1,2,3-Trichloropropane	ND	1.0	ug/L	5	02/24/25	MH	SW8260D	
1,2,4-Trichlorobenzene	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
1,2,4-Trimethylbenzene	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	5	02/24/25	MH	SW8260D	
1,2-Dibromoethane	ND	1.0	ug/L	5	02/24/25	MH	SW8260D	
1,2-Dichlorobenzene	ND	4.7	ug/L	5	02/24/25	MH	SW8260D	
1,2-Dichloroethane	ND	0.6	ug/L	5	02/24/25	MH	SW8260D	
1,2-Dichloropropane	ND	1.0	ug/L	5	02/24/25	MH	SW8260D	
1,3,5-Trimethylbenzene	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
1,3-Dichlorobenzene	ND	3.0	ug/L	5	02/24/25	MH	SW8260D	
1,3-Dichloropropane	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
1,4-Dichlorobenzene	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
2,2-Dichloropropane	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
2-Chlorotoluene	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
2-Hexanone	ND	25	ug/L	5	02/24/25	MH	SW8260D	
2-Isopropyltoluene	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	1
4-Chlorotoluene	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
4-Methyl-2-pentanone	ND	25	ug/L	5	02/24/25	MH	SW8260D	
Acetone	ND	50	ug/L	5	02/24/25	MH	SW8260D	
Acrylonitrile	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
Benzene	ND	0.7	ug/L	5	02/24/25	MH	SW8260D	
Bromobenzene	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
Bromochloromethane	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
Bromodichloromethane	ND	2.5	ug/L	5	02/24/25	MH	SW8260D	
Bromoform	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
Bromomethane	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
Carbon Disulfide	ND	25	ug/L	5	02/24/25	MH	SW8260D	
Carbon tetrachloride	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
Chlorobenzene	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
Chloroethane	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
Chloroform	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
Chloromethane	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
cis-1,2-Dichloroethene	32	5.0	ug/L	5	02/24/25	MH	SW8260D	
cis-1,3-Dichloropropene	ND	0.4	ug/L	5	02/24/25	MH	SW8260D	
Dibromochloromethane	ND	2.5	ug/L	5	02/24/25	MH	SW8260D	
Dibromomethane	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
Dichlorodifluoromethane	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
Ethylbenzene	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
Hexachlorobutadiene	ND	0.5	ug/L	5	02/24/25	MH	SW8260D	
Isopropylbenzene	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	

Project ID: A712 BKNY
Client ID: MW-1

Phoenix I.D.: CS66586

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
m&p-Xylene	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
Methyl ethyl ketone	ND	25	ug/L	5	02/24/25	MH	SW8260D	
Methyl t-butyl ether (MTBE)	21	5.0	ug/L	5	02/24/25	MH	SW8260D	
Methylene chloride	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
Naphthalene	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
n-Butylbenzene	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
n-Propylbenzene	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
o-Xylene	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
p-Isopropyltoluene	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
sec-Butylbenzene	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
Styrene	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
tert-Butylbenzene	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
Tetrachloroethene	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
Tetrahydrofuran (THF)	ND	13	ug/L	5	02/24/25	MH	SW8260D	1
Toluene	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
Total Xylenes	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
trans-1,2-Dichloroethene	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
trans-1,3-Dichloropropene	ND	0.4	ug/L	5	02/24/25	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND	13	ug/L	5	02/24/25	MH	SW8260D	
Trichloroethene	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
Trichlorofluoromethane	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
Trichlorotrifluoroethane	ND	5.0	ug/L	5	02/24/25	MH	SW8260D	
Vinyl chloride	ND	2.0	ug/L	5	02/24/25	MH	SW8260D	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4 (5x)	104		%	5	02/24/25	MH	70 - 130 %	
% Bromofluorobenzene (5x)	94		%	5	02/24/25	MH	70 - 130 %	
% Dibromofluoromethane (5x)	94		%	5	02/24/25	MH	70 - 130 %	
% Toluene-d8 (5x)	99		%	5	02/24/25	MH	70 - 130 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	3.4	ug/L	1	02/25/25	KCA	SW8270E	
1,2,4-Trichlorobenzene	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E	
1,2-Dichlorobenzene	ND	2.5	ug/L	1	02/25/25	KCA	SW8270E	
1,2-Diphenylhydrazine	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E	
1,3-Dichlorobenzene	ND	2.5	ug/L	1	02/25/25	KCA	SW8270E	
1,4-Dichlorobenzene	ND	2.5	ug/L	1	02/25/25	KCA	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E	1
2,4,5-Trichlorophenol	ND	0.98	ug/L	1	02/25/25	KCA	SW8270E	
2,4,6-Trichlorophenol	ND	0.98	ug/L	1	02/25/25	KCA	SW8270E	
2,4-Dichlorophenol	ND	0.98	ug/L	1	02/25/25	KCA	SW8270E	
2,4-Dimethylphenol	ND	0.98	ug/L	1	02/25/25	KCA	SW8270E	
2,4-Dinitrophenol	ND	0.98	ug/L	1	02/25/25	KCA	SW8270E	
2,4-Dinitrotoluene	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E	
2,6-Dinitrotoluene	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E	
2-Chloronaphthalene	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E	
2-Chlorophenol	ND	0.98	ug/L	1	02/25/25	KCA	SW8270E	
2-Methylphenol (o-cresol)	ND	0.98	ug/L	1	02/25/25	KCA	SW8270E	
2-Nitroaniline	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E	
2-Nitrophenol	ND	0.98	ug/L	1	02/25/25	KCA	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	9.8	ug/L	1	02/25/25	KCA	SW8270E	

Project ID: A712 BKNY
Client ID: MW-1

Phoenix I.D.: CS66586

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
3,3'-Dichlorobenzidine	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E
3-Nitroaniline	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E
4,6-Dinitro-2-methylphenol	ND	0.98	ug/L	1	02/25/25	KCA	SW8270E
4-Bromophenyl phenyl ether	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E
4-Chloro-3-methylphenol	ND	0.98	ug/L	1	02/25/25	KCA	SW8270E
4-Chloroaniline	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E
4-Chlorophenyl phenyl ether	ND	0.98	ug/L	1	02/25/25	KCA	SW8270E
4-Nitroaniline	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E
4-Nitrophenol	ND	0.98	ug/L	1	02/25/25	KCA	SW8270E
Acetophenone	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E
Aniline	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E
Benzidine	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E
Benzoic acid	ND	49	ug/L	1	02/25/25	KCA	SW8270E
Benzyl butyl phthalate	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E
Bis(2-chloroethoxy)methane	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E
Bis(2-chloroethyl)ether	ND	0.98	ug/L	1	02/25/25	KCA	SW8270E
Bis(2-ethylhexyl)phthalate	ND	0.98	ug/L	1	02/25/25	KCA	SW8270E
Carbazole	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E
Dibenzofuran	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E
Diethyl phthalate	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E
Dimethylphthalate	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E
Di-n-butylphthalate	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E
Di-n-octylphthalate	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E
Hexachloroethane	ND	0.98	ug/L	1	02/25/25	KCA	SW8270E
Isophorone	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E
N-Nitrosodi-n-propylamine	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E
N-Nitrosodiphenylamine	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E
Pentachloronitrobenzene	ND	2.5	ug/L	1	02/25/25	KCA	SW8270E
Phenol	ND	0.98	ug/L	1	02/25/25	KCA	SW8270E
QA/QC Surrogates							
% 2,4,6-Tribromophenol	91		%	1	02/25/25	KCA	15 - 110 %
% 2-Fluorobiphenyl	57		%	1	02/25/25	KCA	30 - 130 %
% 2-Fluorophenol	42		%	1	02/25/25	KCA	15 - 110 %
% Nitrobenzene-d5	55		%	1	02/25/25	KCA	30 - 130 %
% Phenol-d5	46		%	1	02/25/25	KCA	15 - 110 %
% Terphenyl-d14	61		%	1	02/25/25	KCA	30 - 130 %
Semivolatiles (SIM)							
2-Methylnaphthalene	ND	0.49	ug/L	1	02/25/25	KCA	SW8270E (SIM)
Acenaphthene	ND	0.49	ug/L	1	02/25/25	KCA	SW8270E (SIM)
Acenaphthylene	ND	0.49	ug/L	1	02/25/25	KCA	SW8270E (SIM)
Anthracene	ND	0.49	ug/L	1	02/25/25	KCA	SW8270E (SIM)
Benz(a)anthracene	ND	0.02	ug/L	1	02/25/25	KCA	SW8270E (SIM)
Benzo(a)pyrene	ND	0.02	ug/L	1	02/25/25	KCA	SW8270E (SIM)
Benzo(b)fluoranthene	ND	0.02	ug/L	1	02/25/25	KCA	SW8270E (SIM)
Benzo(ghi)perylene	ND	0.49	ug/L	1	02/25/25	KCA	SW8270E (SIM)
Benzo(k)fluoranthene	ND	0.02	ug/L	1	02/25/25	KCA	SW8270E (SIM)
Chrysene	ND	0.02	ug/L	1	02/25/25	KCA	SW8270E (SIM)
Dibenz(a,h)anthracene	ND	0.49	ug/L	1	02/25/25	KCA	SW8270E (SIM)
Fluoranthene	ND	0.49	ug/L	1	02/25/25	KCA	SW8270E (SIM)

Project ID: A712 BKNY
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Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Fluorene	ND	0.49	ug/L	1	02/25/25	KCA	SW8270E (SIM)
Hexachlorobenzene	ND	0.04	ug/L	1	02/25/25	KCA	SW8270E (SIM)
Hexachlorobutadiene	ND	0.49	ug/L	1	02/25/25	KCA	SW8270E (SIM)
Hexachlorocyclopentadiene	ND	0.49	ug/L	1	02/25/25	KCA	SW8270E (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	ug/L	1	02/25/25	KCA	SW8270E (SIM)
Naphthalene	ND	0.49	ug/L	1	02/25/25	KCA	SW8270E (SIM)
Nitrobenzene	ND	0.39	ug/L	1	02/25/25	KCA	SW8270E (SIM)
N-Nitrosodimethylamine	ND	0.49	ug/L	1	02/25/25	KCA	SW8270E (SIM)
Pentachlorophenol	ND	0.49	ug/L	1	02/25/25	KCA	SW8270E (SIM)
Phenanthrene	ND	0.49	ug/L	1	02/25/25	KCA	SW8270E (SIM)
Pyrene	ND	0.49	ug/L	1	02/25/25	KCA	SW8270E (SIM)
Pyridine	ND	0.49	ug/L	1	02/25/25	KCA	SW8270E (SIM)
QA/QC Surrogates							
% 2,4,6-Tribromophenol	98		%	1	02/25/25	KCA	15 - 110 %
% 2-Fluorobiphenyl	60		%	1	02/25/25	KCA	30 - 130 %
% 2-Fluorophenol	44		%	1	02/25/25	KCA	15 - 110 %
% Nitrobenzene-d5	58		%	1	02/25/25	KCA	30 - 130 %
% Phenol-d5	51		%	1	02/25/25	KCA	15 - 110 %
% Terphenyl-d14	66		%	1	02/25/25	KCA	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 (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Volatile Comment:
Elevated reporting limits for volatiles due to dilution for sample matrix.

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

Dissolved analysis requires filtration. Samples submitted from an unpreserved container have been lab filtered.

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 03, 2025
Reviewed and Released by: Phyllis Shiller, Laboratory Director

Ver 1

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 03, 2025

FOR: Attn: Mr Jason Stewart
JBS
228 Park Ave S PMB 36418
NY, NY 1003-1502

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		02/18/25	
Location Code:	JBS	Received by:	B	02/20/25	19:04
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCS66578
Phoenix ID: CS66587

Project ID: A712 BKNY
Client ID: MW-3

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver (Dissolved)	< 0.001	0.001	mg/L	1	02/21/25	TH	SW6010D
Aluminum (Dissolved)	< 0.011	0.011	mg/L	1	02/21/25	TH	SW6010D
Arsenic (Dissolved)	< 0.004	0.004	mg/L	1	02/21/25	TH	SW6010D
Barium (Dissolved)	0.171	0.002	mg/L	1	02/21/25	TH	SW6010D
Beryllium (Dissolved)	< 0.001	0.001	mg/L	1	02/21/25	TH	SW6010D
Calcium (Dissolved)	195	0.11	mg/L	10	02/21/25	CPP	SW6010D
Cadmium (Dissolved)	< 0.001	0.001	mg/L	1	02/21/25	TH	SW6010D
Cobalt (Dissolved)	0.004	0.001	mg/L	1	02/21/25	TH	SW6010D
Chromium (Dissolved)	< 0.001	0.001	mg/L	1	02/21/25	TH	SW6010D
Copper (Dissolved)	< 0.005	0.005	mg/L	1	02/21/25	TH	SW6010D
Iron (Dissolved)	< 0.011	0.011	mg/L	1	02/21/25	TH	SW6010D
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	1	02/25/25	ZT	SW7470A
Potassium (Dissolved)	15.0	1.1	mg/L	10	02/21/25	CPP	SW6010D
Magnesium (Dissolved)	31.1	0.01	mg/L	1	02/21/25	TH	SW6010D
Manganese (Dissolved)	10.0	0.001	mg/L	1	02/21/25	TH	SW6010D
Sodium (Dissolved)	191	1.1	mg/L	10	02/21/25	CPP	SW6010D
Nickel (Dissolved)	0.003	0.001	mg/L	1	02/21/25	TH	SW6010D
Lead (Dissolved)	< 0.002	0.002	mg/L	1	02/21/25	TH	SW6010D
Antimony (Dissolved)	< 0.003	0.003	mg/L	1	02/21/25	TH	SW6010D
Selenium (Dissolved)	< 0.010	0.010	mg/L	1	02/21/25	TH	SW6010D
Thallium, Dissolved	< 0.0005	0.0005	mg/L	1	02/21/25	TH	SW6010D
Vanadium (Dissolved)	< 0.002	0.002	mg/L	1	02/21/25	TH	SW6010D
Zinc (Dissolved)	0.006	0.002	mg/L	1	02/21/25	TH	SW6010D
Lab Filtration	Completed				02/20/25	AG	0.45um Filter
Dissolved Mercury Digestion	Completed				02/25/25	AK/AK	SW7470A
Semi-Volatile Extraction	Completed				02/21/25	L/K/MQ	SW3520C
Dissolved Metals Preparation	Completed				02/20/25	AG	SW3005A

Ver 1

Project ID: A712 BKNY
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Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	02/24/25	MH	SW8260D	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
1,1-Dichloroethane	1.0	1.0	ug/L	1	02/24/25	MH	SW8260D	
1,1-Dichloroethene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
1,1-Dichloropropene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
1,2,3-Trichloropropane	ND	0.25	ug/L	1	02/24/25	MH	SW8260D	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	02/24/25	MH	SW8260D	
1,2-Dibromoethane	ND	0.25	ug/L	1	02/24/25	MH	SW8260D	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
1,2-Dichloroethane	ND	0.60	ug/L	1	02/24/25	MH	SW8260D	
1,2-Dichloropropane	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
1,3-Dichloropropane	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
2,2-Dichloropropane	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
2-Chlorotoluene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
2-Hexanone	ND	5.0	ug/L	1	02/24/25	MH	SW8260D	
2-Isopropyltoluene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	1
4-Chlorotoluene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	02/24/25	MH	SW8260D	
Acetone	ND	25	ug/L	1	02/24/25	MH	SW8260D	
Acrylonitrile	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Benzene	ND	0.70	ug/L	1	02/24/25	MH	SW8260D	
Bromobenzene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Bromochloromethane	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Bromodichloromethane	ND	0.50	ug/L	1	02/24/25	MH	SW8260D	
Bromoform	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Bromomethane	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Carbon Disulfide	ND	5.0	ug/L	1	02/24/25	MH	SW8260D	
Carbon tetrachloride	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Chlorobenzene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Chloroethane	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Chloroform	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Chloromethane	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
cis-1,2-Dichloroethene	4.2	1.0	ug/L	1	02/24/25	MH	SW8260D	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	02/24/25	MH	SW8260D	
Dibromochloromethane	ND	0.50	ug/L	1	02/24/25	MH	SW8260D	
Dibromomethane	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Dichlorodifluoromethane	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Ethylbenzene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Hexachlorobutadiene	ND	0.40	ug/L	1	02/24/25	MH	SW8260D	
Isopropylbenzene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	

Project ID: A712 BKNY
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Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
m&p-Xylene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Methyl ethyl ketone	ND	5.0	ug/L	1	02/24/25	MH	SW8260D	
Methyl t-butyl ether (MTBE)	19	1.0	ug/L	1	02/24/25	MH	SW8260D	
Methylene chloride	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Naphthalene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
n-Butylbenzene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
n-Propylbenzene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
o-Xylene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
p-Isopropyltoluene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
sec-Butylbenzene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Styrene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
tert-Butylbenzene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Tetrachloroethene	1.3	1.0	ug/L	1	02/24/25	MH	SW8260D	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	02/24/25	MH	SW8260D	1
Toluene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Total Xylenes	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	02/24/25	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	02/24/25	MH	SW8260D	
Trichloroethene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Trichlorofluoromethane	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Vinyl chloride	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	103		%	1	02/24/25	MH	70 - 130 %	
% Bromofluorobenzene	96		%	1	02/24/25	MH	70 - 130 %	
% Dibromofluoromethane	94		%	1	02/24/25	MH	70 - 130 %	
% Toluene-d8	100		%	1	02/24/25	MH	70 - 130 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	3.5	ug/L	1	02/25/25	KCA	SW8270E	
1,2,4-Trichlorobenzene	ND	5.0	ug/L	1	02/25/25	KCA	SW8270E	
1,2-Dichlorobenzene	ND	2.5	ug/L	1	02/25/25	KCA	SW8270E	
1,2-Diphenylhydrazine	ND	5.0	ug/L	1	02/25/25	KCA	SW8270E	
1,3-Dichlorobenzene	ND	2.5	ug/L	1	02/25/25	KCA	SW8270E	
1,4-Dichlorobenzene	ND	2.5	ug/L	1	02/25/25	KCA	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	5.0	ug/L	1	02/25/25	KCA	SW8270E	1
2,4,5-Trichlorophenol	ND	0.99	ug/L	1	02/25/25	KCA	SW8270E	
2,4,6-Trichlorophenol	ND	0.99	ug/L	1	02/25/25	KCA	SW8270E	
2,4-Dichlorophenol	ND	0.99	ug/L	1	02/25/25	KCA	SW8270E	
2,4-Dimethylphenol	ND	0.99	ug/L	1	02/25/25	KCA	SW8270E	
2,4-Dinitrophenol	ND	0.99	ug/L	1	02/25/25	KCA	SW8270E	
2,4-Dinitrotoluene	ND	5.0	ug/L	1	02/25/25	KCA	SW8270E	
2,6-Dinitrotoluene	ND	5.0	ug/L	1	02/25/25	KCA	SW8270E	
2-Chloronaphthalene	ND	5.0	ug/L	1	02/25/25	KCA	SW8270E	
2-Chlorophenol	ND	0.99	ug/L	1	02/25/25	KCA	SW8270E	
2-Methylphenol (o-cresol)	ND	0.99	ug/L	1	02/25/25	KCA	SW8270E	
2-Nitroaniline	ND	5.0	ug/L	1	02/25/25	KCA	SW8270E	
2-Nitrophenol	ND	0.99	ug/L	1	02/25/25	KCA	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	9.9	ug/L	1	02/25/25	KCA	SW8270E	

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Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
3,3'-Dichlorobenzidine	ND	5.0	ug/L	1	02/25/25	KCA	SW8270E	
3-Nitroaniline	ND	5.0	ug/L	1	02/25/25	KCA	SW8270E	
4,6-Dinitro-2-methylphenol	ND	0.99	ug/L	1	02/25/25	KCA	SW8270E	
4-Bromophenyl phenyl ether	ND	5.0	ug/L	1	02/25/25	KCA	SW8270E	
4-Chloro-3-methylphenol	ND	0.99	ug/L	1	02/25/25	KCA	SW8270E	
4-Chloroaniline	ND	5.0	ug/L	1	02/25/25	KCA	SW8270E	
4-Chlorophenyl phenyl ether	ND	0.99	ug/L	1	02/25/25	KCA	SW8270E	
4-Nitroaniline	ND	5.0	ug/L	1	02/25/25	KCA	SW8270E	
4-Nitrophenol	ND	0.99	ug/L	1	02/25/25	KCA	SW8270E	
Acetophenone	ND	5.0	ug/L	1	02/25/25	KCA	SW8270E	
Aniline	ND	5.0	ug/L	1	02/25/25	KCA	SW8270E	
Benzidine	ND	5.0	ug/L	1	02/25/25	KCA	SW8270E	
Benzoic acid	ND	50	ug/L	1	02/25/25	KCA	SW8270E	
Benzyl butyl phthalate	ND	5.0	ug/L	1	02/25/25	KCA	SW8270E	
Bis(2-chloroethoxy)methane	ND	5.0	ug/L	1	02/25/25	KCA	SW8270E	
Bis(2-chloroethyl)ether	ND	0.99	ug/L	1	02/25/25	KCA	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	0.99	ug/L	1	02/25/25	KCA	SW8270E	
Carbazole	ND	5.0	ug/L	1	02/25/25	KCA	SW8270E	
Dibenzofuran	ND	5.0	ug/L	1	02/25/25	KCA	SW8270E	
Diethyl phthalate	ND	5.0	ug/L	1	02/25/25	KCA	SW8270E	
Dimethylphthalate	ND	5.0	ug/L	1	02/25/25	KCA	SW8270E	
Di-n-butylphthalate	ND	5.0	ug/L	1	02/25/25	KCA	SW8270E	
Di-n-octylphthalate	ND	5.0	ug/L	1	02/25/25	KCA	SW8270E	
Hexachloroethane	ND	0.99	ug/L	1	02/25/25	KCA	SW8270E	
Isophorone	ND	5.0	ug/L	1	02/25/25	KCA	SW8270E	
N-Nitrosodi-n-propylamine	ND	5.0	ug/L	1	02/25/25	KCA	SW8270E	
N-Nitrosodiphenylamine	ND	5.0	ug/L	1	02/25/25	KCA	SW8270E	
Pentachloronitrobenzene	ND	2.5	ug/L	1	02/25/25	KCA	SW8270E	
Phenol	6.6	0.99	ug/L	1	02/25/25	KCA	SW8270E	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	91		%	1	02/25/25	KCA	15 - 110 %	
% 2-Fluorobiphenyl	52		%	1	02/25/25	KCA	30 - 130 %	
% 2-Fluorophenol	45		%	1	02/25/25	KCA	15 - 110 %	
% Nitrobenzene-d5	57		%	1	02/25/25	KCA	30 - 130 %	
% Phenol-d5	29		%	1	02/25/25	KCA	15 - 110 %	
% Terphenyl-d14	28		%	1	02/25/25	KCA	30 - 130 %	3
Semivolatiles (SIM)								
2-Methylnaphthalene	ND	0.50	ug/L	1	02/25/25	KCA	SW8270E (SIM)	
Acenaphthene	ND	0.50	ug/L	1	02/25/25	KCA	SW8270E (SIM)	
Acenaphthylene	ND	0.50	ug/L	1	02/25/25	KCA	SW8270E (SIM)	
Anthracene	ND	0.50	ug/L	1	02/25/25	KCA	SW8270E (SIM)	
Benz(a)anthracene	0.07	0.02	ug/L	1	02/25/25	KCA	SW8270E (SIM)	
Benzo(a)pyrene	0.03	0.02	ug/L	1	02/25/25	KCA	SW8270E (SIM)	
Benzo(b)fluoranthene	0.06	0.02	ug/L	1	02/25/25	KCA	SW8270E (SIM)	
Benzo(ghi)perylene	ND	0.50	ug/L	1	02/25/25	KCA	SW8270E (SIM)	
Benzo(k)fluoranthene	0.05	0.02	ug/L	1	02/25/25	KCA	SW8270E (SIM)	
Chrysene	0.09	0.02	ug/L	1	02/25/25	KCA	SW8270E (SIM)	
Dibenz(a,h)anthracene	ND	0.50	ug/L	1	02/25/25	KCA	SW8270E (SIM)	
Fluoranthene	ND	0.50	ug/L	1	02/25/25	KCA	SW8270E (SIM)	

Project ID: A712 BKNY
Client ID: MW-3

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Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Fluorene	ND	0.50	ug/L	1	02/25/25	KCA	SW8270E (SIM)	
Hexachlorobenzene	ND	0.04	ug/L	1	02/25/25	KCA	SW8270E (SIM)	
Hexachlorobutadiene	ND	0.50	ug/L	1	02/25/25	KCA	SW8270E (SIM)	
Hexachlorocyclopentadiene	ND	0.50	ug/L	1	02/25/25	KCA	SW8270E (SIM)	
Indeno(1,2,3-cd)pyrene	0.03	0.02	ug/L	1	02/25/25	KCA	SW8270E (SIM)	
Naphthalene	ND	0.50	ug/L	1	02/25/25	KCA	SW8270E (SIM)	
Nitrobenzene	ND	0.40	ug/L	1	02/25/25	KCA	SW8270E (SIM)	
N-Nitrosodimethylamine	ND	0.50	ug/L	1	02/25/25	KCA	SW8270E (SIM)	
Pentachlorophenol	ND	0.50	ug/L	1	02/25/25	KCA	SW8270E (SIM)	
Phenanthrene	ND	0.50	ug/L	1	02/25/25	KCA	SW8270E (SIM)	
Pyrene	ND	0.50	ug/L	1	02/25/25	KCA	SW8270E (SIM)	
Pyridine	ND	0.50	ug/L	1	02/25/25	KCA	SW8270E (SIM)	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	91		%	1	02/25/25	KCA	15 - 110 %	
% 2-Fluorobiphenyl	51		%	1	02/25/25	KCA	30 - 130 %	
% 2-Fluorophenol	46		%	1	02/25/25	KCA	15 - 110 %	
% Nitrobenzene-d5	62		%	1	02/25/25	KCA	30 - 130 %	
% Phenol-d5	32		%	1	02/25/25	KCA	15 - 110 %	
% Terphenyl-d14	29		%	1	02/25/25	KCA	30 - 130 %	3

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.
3 = This parameter exceeds laboratory specified limits.

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 (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

Semi-Volatile Comment:
Poor surrogate recovery was observed for one acid and/or one base surrogate. The other surrogates associated with this sample were within QA/QC criteria. No significant bias suspected.

Dissolved analysis requires filtration. Samples submitted from an unpreserved container have been lab filtered.

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 03, 2025
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 03, 2025

FOR: Attn: Mr Jason Stewart
JBS
228 Park Ave S PMB 36418
NY, NY 1003-1502

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		02/18/25	
Location Code:	JBS	Received by:	B	02/20/25	19:04
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCS66578
Phoenix ID: CS66588

Project ID: A712 BKNY
Client ID: MW-4

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver (Dissolved)	< 0.001	0.001	mg/L	1	02/21/25	TH	SW6010D
Aluminum (Dissolved)	< 0.011	0.011	mg/L	1	02/21/25	TH	SW6010D
Arsenic (Dissolved)	< 0.004	0.004	mg/L	1	02/21/25	TH	SW6010D
Barium (Dissolved)	0.025	0.002	mg/L	1	02/21/25	TH	SW6010D
Beryllium (Dissolved)	< 0.001	0.001	mg/L	1	02/21/25	TH	SW6010D
Calcium (Dissolved)	135	0.01	mg/L	1	02/21/25	TH	SW6010D
Cadmium (Dissolved)	< 0.001	0.001	mg/L	1	02/21/25	TH	SW6010D
Cobalt (Dissolved)	0.002	0.001	mg/L	1	02/21/25	TH	SW6010D
Chromium (Dissolved)	0.001	0.001	mg/L	1	02/21/25	TH	SW6010D
Copper (Dissolved)	< 0.005	0.005	mg/L	1	02/21/25	TH	SW6010D
Iron (Dissolved)	< 0.011	0.011	mg/L	1	02/21/25	TH	SW6010D
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	1	02/25/25	ZT	SW7470A
Potassium (Dissolved)	15.3	1.1	mg/L	10	02/21/25	CPP	SW6010D
Magnesium (Dissolved)	33.7	0.01	mg/L	1	02/21/25	TH	SW6010D
Manganese (Dissolved)	1.01	0.001	mg/L	1	02/21/25	TH	SW6010D
Sodium (Dissolved)	71.7	1.1	mg/L	10	02/21/25	CPP	SW6010D
Nickel (Dissolved)	0.003	0.001	mg/L	1	02/21/25	TH	SW6010D
Lead (Dissolved)	< 0.002	0.002	mg/L	1	02/21/25	TH	SW6010D
Antimony (Dissolved)	< 0.003	0.003	mg/L	1	02/21/25	TH	SW6010D
Selenium (Dissolved)	< 0.010	0.010	mg/L	1	02/21/25	TH	SW6010D
Thallium, Dissolved	< 0.0005	0.0005	mg/L	1	02/21/25	TH	SW6010D
Vanadium (Dissolved)	< 0.002	0.002	mg/L	1	02/21/25	TH	SW6010D
Zinc (Dissolved)	< 0.002	0.002	mg/L	1	02/21/25	TH	SW6010D
Lab Filtration	Completed				02/20/25	AG	0.45um Filter
Dissolved Mercury Digestion	Completed				02/25/25	AK/AK	SW7470A
Semi-Volatile Extraction	Completed				02/21/25	L/K/MQ	SW3520C
Dissolved Metals Preparation	Completed				02/20/25	AG	SW3005A

Ver 1

Project ID: A712 BKNY
Client ID: MW-4

Phoenix I.D.: CS66588

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	02/24/25	MH	SW8260D	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
1,1-Dichloroethane	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
1,1-Dichloroethene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
1,1-Dichloropropene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
1,2,3-Trichloropropane	ND	0.25	ug/L	1	02/24/25	MH	SW8260D	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	02/24/25	MH	SW8260D	
1,2-Dibromoethane	ND	0.25	ug/L	1	02/24/25	MH	SW8260D	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
1,2-Dichloroethane	ND	0.60	ug/L	1	02/24/25	MH	SW8260D	
1,2-Dichloropropane	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
1,3-Dichloropropane	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
2,2-Dichloropropane	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
2-Chlorotoluene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
2-Hexanone	ND	5.0	ug/L	1	02/24/25	MH	SW8260D	
2-Isopropyltoluene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	1
4-Chlorotoluene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	02/24/25	MH	SW8260D	
Acetone	ND	25	ug/L	1	02/24/25	MH	SW8260D	
Acrylonitrile	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Benzene	ND	0.70	ug/L	1	02/24/25	MH	SW8260D	
Bromobenzene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Bromochloromethane	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Bromodichloromethane	ND	0.50	ug/L	1	02/24/25	MH	SW8260D	
Bromoform	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Bromomethane	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Carbon Disulfide	ND	5.0	ug/L	1	02/24/25	MH	SW8260D	
Carbon tetrachloride	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Chlorobenzene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Chloroethane	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Chloroform	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Chloromethane	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	02/24/25	MH	SW8260D	
Dibromochloromethane	ND	0.50	ug/L	1	02/24/25	MH	SW8260D	
Dibromomethane	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Dichlorodifluoromethane	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Ethylbenzene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Hexachlorobutadiene	ND	0.40	ug/L	1	02/24/25	MH	SW8260D	
Isopropylbenzene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	

Project ID: A712 BKNY
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Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
m&p-Xylene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Methyl ethyl ketone	ND	5.0	ug/L	1	02/24/25	MH	SW8260D	
Methyl t-butyl ether (MTBE)	15	1.0	ug/L	1	02/24/25	MH	SW8260D	
Methylene chloride	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Naphthalene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
n-Butylbenzene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
n-Propylbenzene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
o-Xylene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
p-Isopropyltoluene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
sec-Butylbenzene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Styrene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
tert-Butylbenzene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Tetrachloroethene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	02/24/25	MH	SW8260D	1
Toluene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Total Xylenes	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	02/24/25	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	02/24/25	MH	SW8260D	
Trichloroethene	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Trichlorofluoromethane	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
Vinyl chloride	ND	1.0	ug/L	1	02/24/25	MH	SW8260D	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102		%	1	02/24/25	MH	70 - 130 %	
% Bromofluorobenzene	93		%	1	02/24/25	MH	70 - 130 %	
% Dibromofluoromethane	105		%	1	02/24/25	MH	70 - 130 %	
% Toluene-d8	100		%	1	02/24/25	MH	70 - 130 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	3.4	ug/L	1	02/25/25	KCA	SW8270E	
1,2,4-Trichlorobenzene	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E	
1,2-Dichlorobenzene	ND	2.5	ug/L	1	02/25/25	KCA	SW8270E	
1,2-Diphenylhydrazine	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E	
1,3-Dichlorobenzene	ND	2.5	ug/L	1	02/25/25	KCA	SW8270E	
1,4-Dichlorobenzene	ND	2.5	ug/L	1	02/25/25	KCA	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E	1
2,4,5-Trichlorophenol	ND	0.98	ug/L	1	02/25/25	KCA	SW8270E	
2,4,6-Trichlorophenol	ND	0.98	ug/L	1	02/25/25	KCA	SW8270E	
2,4-Dichlorophenol	ND	0.98	ug/L	1	02/25/25	KCA	SW8270E	
2,4-Dimethylphenol	ND	0.98	ug/L	1	02/25/25	KCA	SW8270E	
2,4-Dinitrophenol	ND	0.98	ug/L	1	02/25/25	KCA	SW8270E	
2,4-Dinitrotoluene	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E	
2,6-Dinitrotoluene	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E	
2-Chloronaphthalene	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E	
2-Chlorophenol	ND	0.98	ug/L	1	02/25/25	KCA	SW8270E	
2-Methylphenol (o-cresol)	ND	0.98	ug/L	1	02/25/25	KCA	SW8270E	
2-Nitroaniline	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E	
2-Nitrophenol	ND	0.98	ug/L	1	02/25/25	KCA	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	9.8	ug/L	1	02/25/25	KCA	SW8270E	

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Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
3,3'-Dichlorobenzidine	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E	
3-Nitroaniline	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E	
4,6-Dinitro-2-methylphenol	ND	0.98	ug/L	1	02/25/25	KCA	SW8270E	
4-Bromophenyl phenyl ether	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E	
4-Chloro-3-methylphenol	ND	0.98	ug/L	1	02/25/25	KCA	SW8270E	
4-Chloroaniline	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E	
4-Chlorophenyl phenyl ether	ND	0.98	ug/L	1	02/25/25	KCA	SW8270E	
4-Nitroaniline	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E	
4-Nitrophenol	ND	0.98	ug/L	1	02/25/25	KCA	SW8270E	
Acetophenone	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E	
Aniline	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E	
Benzidine	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E	
Benzoic acid	ND	49	ug/L	1	02/25/25	KCA	SW8270E	
Benzyl butyl phthalate	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E	
Bis(2-chloroethoxy)methane	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E	
Bis(2-chloroethyl)ether	ND	0.98	ug/L	1	02/25/25	KCA	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	0.98	ug/L	1	02/25/25	KCA	SW8270E	
Carbazole	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E	
Dibenzofuran	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E	
Diethyl phthalate	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E	
Dimethylphthalate	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E	
Di-n-butylphthalate	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E	
Di-n-octylphthalate	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E	
Hexachloroethane	ND	0.98	ug/L	1	02/25/25	KCA	SW8270E	
Isophorone	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E	
N-Nitrosodi-n-propylamine	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E	
N-Nitrosodiphenylamine	ND	4.9	ug/L	1	02/25/25	KCA	SW8270E	
Pentachloronitrobenzene	ND	2.5	ug/L	1	02/25/25	KCA	SW8270E	
Phenanthrene	16	0.05	ug/L	1	02/25/25	KCA	SW8270E	
Phenol	2.1	0.98	ug/L	1	02/25/25	KCA	SW8270E	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	90		%	1	02/25/25	KCA	15 - 110 %	
% 2-Fluorobiphenyl	49		%	1	02/25/25	KCA	30 - 130 %	
% 2-Fluorophenol	57		%	1	02/25/25	KCA	15 - 110 %	
% Nitrobenzene-d5	65		%	1	02/25/25	KCA	30 - 130 %	
% Phenol-d5	60		%	1	02/25/25	KCA	15 - 110 %	
% Terphenyl-d14	10		%	1	02/25/25	KCA	30 - 130 %	3

Semivolatiles (SIM)

2-Methylnaphthalene	1.1	0.49	ug/L	1	02/25/25	KCA	SW8270E (SIM)
Acenaphthene	1.8	0.49	ug/L	1	02/25/25	KCA	SW8270E (SIM)
Acenaphthylene	ND	0.49	ug/L	1	02/25/25	KCA	SW8270E (SIM)
Anthracene	2.7	0.49	ug/L	1	02/25/25	KCA	SW8270E (SIM)
Benz(a)anthracene	4.1	0.02	ug/L	1	02/25/25	KCA	SW8270E (SIM)
Benzo(a)pyrene	3.8	0.02	ug/L	1	02/25/25	KCA	SW8270E (SIM)
Benzo(b)fluoranthene	2.8	0.02	ug/L	1	02/25/25	KCA	SW8270E (SIM)
Benzo(ghi)perylene	2.2	0.49	ug/L	1	02/25/25	KCA	SW8270E (SIM)
Benzo(k)fluoranthene	2.8	0.02	ug/L	1	02/25/25	KCA	SW8270E (SIM)
Chrysene	4.2	0.02	ug/L	1	02/25/25	KCA	SW8270E (SIM)
Dibenz(a,h)anthracene	0.64	0.49	ug/L	1	02/25/25	KCA	SW8270E (SIM)

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Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Fluoranthene	8.8	0.49	ug/L	1	02/25/25	KCA	SW8270E (SIM)	
Fluorene	2.3	0.49	ug/L	1	02/25/25	KCA	SW8270E (SIM)	
Hexachlorobenzene	ND	0.04	ug/L	1	02/25/25	KCA	SW8270E (SIM)	
Hexachlorobutadiene	ND	0.49	ug/L	1	02/25/25	KCA	SW8270E (SIM)	
Hexachlorocyclopentadiene	ND	0.49	ug/L	1	02/25/25	KCA	SW8270E (SIM)	
Indeno(1,2,3-cd)pyrene	2.6	0.02	ug/L	1	02/25/25	KCA	SW8270E (SIM)	
Naphthalene	2.6	0.49	ug/L	1	02/25/25	KCA	SW8270E (SIM)	
Nitrobenzene	ND	0.39	ug/L	1	02/25/25	KCA	SW8270E (SIM)	
N-Nitrosodimethylamine	ND	0.49	ug/L	1	02/25/25	KCA	SW8270E (SIM)	
Pentachlorophenol	ND	0.49	ug/L	1	02/25/25	KCA	SW8270E (SIM)	
Pyrene	7.6	0.49	ug/L	1	02/25/25	KCA	SW8270E (SIM)	
Pyridine	ND	0.49	ug/L	1	02/25/25	KCA	SW8270E (SIM)	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	93		%	1	02/25/25	KCA	15 - 110 %	
% 2-Fluorobiphenyl	53		%	1	02/25/25	KCA	30 - 130 %	
% 2-Fluorophenol	56		%	1	02/25/25	KCA	15 - 110 %	
% Nitrobenzene-d5	76		%	1	02/25/25	KCA	30 - 130 %	
% Phenol-d5	64		%	1	02/25/25	KCA	15 - 110 %	
% Terphenyl-d14	<10		%	1	02/25/25	KCA	30 - 130 %	3

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.
3 = This parameter exceeds laboratory specified limits.

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 (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

Semi-Volatile Comment:
Poor surrogate recovery was observed for one acid and/or one base surrogate. The other surrogates associated with this sample were within QA/QC criteria. No significant bias suspected.

Dissolved analysis requires filtration. Samples submitted from an unpreserved container have been lab filtered.

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 03, 2025
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

NY # 11301

QA/QC Report

March 03, 2025

QA/QC Data

SDG I.D.: GCS66578

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 772121 (mg/L), QC Sample No: CS55007 (CS66586, CS66587, CS66588)														
Mercury (Dissolved)	BRL	0.0002	<0.0002	<0.0002	NC	94.9			91.1			80 - 120	20	
Comment: Additional Mercury Criteria: LCS acceptance range is 80-120% for aqueous and for soils the acceptance range is set by vendor limits. MS acceptance range is 75-125% for aqueous and 80-120% for soils.														
QA/QC Batch 771778 (mg/kg), QC Sample No: CS66234 2X (CS66578, CS66579, CS66580, CS66581, CS66582, CS66583, CS66584, CS66585)														
Mercury - Soil	BRL	0.02	0.08	0.09	11.8	105	105	0.0	96.7	91.9	5.1	70 - 130	30	
Comment: Additional Mercury Criteria: LCS acceptance range is 80-120% for aqueous and for soils the acceptance range is set by vendor limits. MS acceptance range is 75-125% for aqueous and 80-120% for soils.														
QA/QC Batch 771655 (mg/L), QC Sample No: CS66017 (CS66586, CS66587, CS66588)														
ICP Metals - Dissolved														
Aluminum	BRL	0.011	<0.011	<0.011	NC	83.9	85.0	1.3	86.9			80 - 120	20	
Antimony	BRL	0.005	<0.005	<0.005	NC	83.4	84.1	0.8	86.2			80 - 120	20	
Arsenic	BRL	0.004	<0.004	<0.004	NC	86.0	86.3	0.3	88.4			80 - 120	20	
Barium	BRL	0.002	0.009	0.009	NC	86.3	87.7	1.6	89.5			80 - 120	20	
Beryllium	BRL	0.001	<0.001	<0.001	NC	87.1	87.5	0.5	89.4			80 - 120	20	
Cadmium	BRL	0.001	<0.001	<0.001	NC	85.2	86.0	0.9	88.0			80 - 120	20	
Calcium	BRL	0.01	12.5	12.5	0	85.8	86.5	0.8	NC			80 - 120	20	
Chromium	BRL	0.001	<0.001	<0.001	NC	86.2	86.9	0.8	89.3			80 - 120	20	
Cobalt	BRL	0.001	<0.001	<0.001	NC	85.0	85.7	0.8	87.7			80 - 120	20	
Copper	BRL	0.005	<0.005	<0.005	NC	85.8	87.0	1.4	89.3			80 - 120	20	
Iron	BRL	0.011	0.014	0.014	NC	85.3	86.1	0.9	88.4			80 - 120	20	
Lead	BRL	0.002	<0.002	<0.002	NC	86.1	86.6	0.6	88.1			80 - 120	20	
Magnesium	BRL	0.01	3.56	3.56	0	86.4	87.3	1.0	91.4			80 - 120	20	
Manganese	BRL	0.001	0.056	0.057	1.80	85.5	86.6	1.3	88.4			80 - 120	20	
Nickel	BRL	0.001	<0.001	<0.001	NC	85.0	85.6	0.7	87.5			80 - 120	20	
Potassium	BRL	0.1	1.3	1.3	0	86.7	87.2	0.6	88.8			80 - 120	20	
Selenium	BRL	0.011	<0.011	<0.011	NC	83.1	84.5	1.7	86.3			80 - 120	20	
Silver	BRL	0.001	<0.001	<0.001	NC	84.4	85.1	0.8	87.3			80 - 120	20	
Sodium	BRL	0.11	18.2	18.2	0	98.3	96.2	2.2	NC			80 - 120	20	
Thallium	BRL	0.011	<0.011	<0.011	NC	88.2	88.7	0.6	90.8			80 - 120	20	
Vanadium	BRL	0.002	<0.002	<0.002	NC	85.8	86.7	1.0	89.0			80 - 120	20	
Zinc	BRL	0.002	<0.002	<0.002	NC	84.8	85.3	0.6	87.9			80 - 120	20	
Comment: Additional Criteria: LCS acceptance range is 80-120% for aqueous and for soils the acceptance range is set by vendor limits. MS acceptance range 75-125%.														
QA/QC Batch 771869 (mg/kg), QC Sample No: CS66572 (CS66578, CS66579, CS66580, CS66581, CS66582, CS66583, CS66584, CS66585)														
ICP Metals - Soil														
Aluminum	BRL	5.0	16100	17400	7.80	114	113	0.9	NC			75 - 125	30	
Antimony	BRL	3.3	<4.0	<3.8	NC	84.5	89.6	5.9	67.2			75 - 125	30	m

QA/QC Data

SDG I.D.: GCS66578

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Arsenic	BRL	0.67	10.2	10.5	2.90	96.5	98.0	1.5	90.0			75 - 125	30
Barium	BRL	0.33	15.4	17.4	12.2	102	107	4.8	102			75 - 125	30
Beryllium	BRL	0.27	1.33	1.24	NC	104	107	2.8	98.2			75 - 125	30
Cadmium	BRL	0.33	0.43	0.43	NC	101	104	2.9	95.2			75 - 125	30
Calcium	BRL	5.0	143	186	26.1	102	104	1.9	91.2			75 - 125	30
Chromium	BRL	0.33	101	101	0	103	108	4.7	125			75 - 125	30
Cobalt	BRL	0.33	3.01	2.88	4.40	105	106	0.9	97.3			75 - 125	30
Copper	BRL	0.67	<0.8	<0.76	NC	106	109	2.8	99.5			75 - 125	30
Iron	BRL	5.0	44600	42600	4.60	119	115	3.4	NC			75 - 125	30
Lead	BRL	0.33	7.06	7.66	8.20	108	107	0.9	96.0			75 - 125	30
Magnesium	BRL	5.0	4270	4060	5.00	110	108	1.8	NC			75 - 125	30
Manganese	BRL	0.33	27.4	27.1	1.10	105	104	1.0	97.8			75 - 125	30
Nickel	BRL	0.33	6.33	6.40	1.10	106	109	2.8	99.4			75 - 125	30
Potassium	BRL	5.0	10700	9860	8.20	110	109	0.9	NC			75 - 125	30
Selenium	BRL	1.3	<1.6	<1.5	NC	87.7	89.2	1.7	80.6			75 - 125	30
Silver	BRL	0.33	<0.40	<0.38	NC	106	106	0.0	96.0			75 - 125	30
Sodium	BRL	5.0	26.2	26.7	NC	110	104	5.6	115			75 - 125	30
Thallium	BRL	3.0	<3.6	<3.4	NC	102	105	2.9	95.6			75 - 125	30
Vanadium	BRL	0.33	47.1	51.6	9.10	107	110	2.8	118			75 - 125	30
Zinc	BRL	0.67	37.1	36.2	2.50	104	104	0.0	105			75 - 125	30

Comment:

Additional Criteria: LCS acceptance range is 80-120% for aqueous and for soils the acceptance range is set by vendor limits. MS acceptance range 75-125%.

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

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

NY # 11301

QA/QC Report

March 03, 2025

QA/QC Data

SDG I.D.: GCS66578

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 772159 (ug/kg), QC Sample No: CS65748 (CS66578, CS66579, CS66580, CS66581, CS66582, CS66583, CS66584, CS66585)											
Semivolatiles - Soil											
1,2,4,5-Tetrachlorobenzene	ND	230	67	72	7.2	59	63	6.6	40 - 140	30	
1,2,4-Trichlorobenzene	ND	230	66	72	8.7	64	68	6.1	40 - 140	30	
1,2-Dichlorobenzene	ND	180	62	66	6.3	64	68	6.1	40 - 140	30	
1,2-Diphenylhydrazine	ND	230	68	75	9.8	63	68	7.6	40 - 140	30	
1,3-Dichlorobenzene	ND	230	57	63	10.0	61	65	6.3	40 - 140	30	
1,4-Dichlorobenzene	ND	230	58	63	8.3	60	65	8.0	40 - 140	30	
2,2'-Oxybis(1-Chloropropane)	ND	230	50	54	7.7	55	61	10.3	40 - 140	30	
2,4,5-Trichlorophenol	ND	230	72	76	5.4	67	71	5.8	40 - 140	30	
2,4,6-Trichlorophenol	ND	130	69	73	5.6	65	69	6.0	30 - 130	30	
2,4-Dichlorophenol	ND	130	71	77	8.1	68	72	5.7	30 - 130	30	
2,4-Dimethylphenol	ND	230	77	85	9.9	74	79	6.5	30 - 130	30	
2,4-Dinitrophenol	ND	230	79	83	4.9	17	14	19.4	30 - 130	30	m
2,4-Dinitrotoluene	ND	130	75	84	11.3	68	72	5.7	30 - 130	30	
2,6-Dinitrotoluene	ND	130	77	84	8.7	71	75	5.5	40 - 140	30	
2-Chloronaphthalene	ND	230	70	76	8.2	68	72	5.7	40 - 140	30	
2-Chlorophenol	ND	230	64	69	7.5	66	71	7.3	30 - 130	30	
2-Methylnaphthalene	ND	230	67	75	11.3	66	70	5.9	40 - 140	30	
2-Methylphenol (o-cresol)	ND	230	62	65	4.7	75	80	6.5	40 - 140	30	
2-Nitroaniline	ND	330	174	>200	NC	161	180	11.1	40 - 140	30	l,m
2-Nitrophenol	ND	230	76	82	7.6	80	85	6.1	40 - 140	30	
3&4-Methylphenol (m&p-cresol)	ND	230	72	79	9.3	74	78	5.3	30 - 130	30	
3,3'-Dichlorobenzidine	ND	130	71	81	13.2	50	51	2.0	40 - 140	30	
3-Nitroaniline	ND	330	84	93	10.2	75	82	8.9	40 - 140	30	
4,6-Dinitro-2-methylphenol	ND	230	74	82	10.3	20	19	5.1	30 - 130	30	m
4-Bromophenyl phenyl ether	ND	230	73	79	7.9	67	70	4.4	40 - 140	30	
4-Chloro-3-methylphenol	ND	230	76	86	12.3	76	79	3.9	30 - 130	30	
4-Chloroaniline	ND	230	79	86	8.5	76	85	11.2	40 - 140	30	
4-Chlorophenyl phenyl ether	ND	230	72	78	8.0	65	69	6.0	40 - 140	30	
4-Nitroaniline	ND	230	78	87	10.9	78	84	7.4	40 - 140	30	
4-Nitrophenol	ND	230	75	85	12.5	75	82	8.9	30 - 130	30	
Acenaphthene	ND	230	69	75	8.3	65	70	7.4	30 - 130	30	
Acenaphthylene	ND	130	63	68	7.6	58	62	6.7	40 - 140	30	
Acetophenone	ND	230	58	64	9.8	62	66	6.3	40 - 140	30	
Aniline	ND	330	59	63	6.6	55	59	7.0	40 - 140	30	
Anthracene	ND	230	71	78	9.4	66	70	5.9	40 - 140	30	
Benz(a)anthracene	ND	230	72	81	11.8	62	67	7.8	40 - 140	30	
Benzidine	ND	330	76	89	15.8	30	36	18.2	40 - 140	30	m
Benzo(a)pyrene	ND	130	76	83	8.8	61	64	4.8	40 - 140	30	
Benzo(b)fluoranthene	ND	160	75	82	8.9	64	67	4.6	40 - 140	30	
Benzo(ghi)perylene	ND	230	78	85	8.6	50	57	13.1	40 - 140	30	

QA/QC Data

SDG I.D.: GCS66578

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Benzo(k)fluoranthene	ND	230	73	80	9.2	63	69	9.1	40 - 140	30	
Benzoic Acid	ND	670	95	99	4.1	54	47	13.9	30 - 130	30	
Benzyl butyl phthalate	ND	230	81	89	9.4	73	78	6.6	40 - 140	30	
Bis(2-chloroethoxy)methane	ND	230	69	75	8.3	68	74	8.5	40 - 140	30	
Bis(2-chloroethyl)ether	ND	130	62	65	4.7	66	72	8.7	40 - 140	30	
Bis(2-ethylhexyl)phthalate	ND	230	79	88	10.8	71	77	8.1	40 - 140	30	
Carbazole	ND	230	70	79	12.1	63	69	9.1	40 - 140	30	
Chrysene	ND	230	71	80	11.9	60	64	6.5	40 - 140	30	
Dibenz(a,h)anthracene	ND	130	79	87	9.6	59	66	11.2	40 - 140	30	
Dibenzofuran	ND	230	68	73	7.1	63	67	6.2	40 - 140	30	
Diethyl phthalate	ND	230	78	87	10.9	73	78	6.6	40 - 140	30	
Dimethylphthalate	ND	230	75	81	7.7	71	75	5.5	40 - 140	30	
Di-n-butylphthalate	ND	670	75	86	13.7	64	71	10.4	40 - 140	30	
Di-n-octylphthalate	ND	230	79	92	15.2	73	77	5.3	40 - 140	30	
Fluoranthene	ND	230	68	78	13.7	58	60	3.4	40 - 140	30	
Fluorene	ND	230	72	79	9.3	66	70	5.9	40 - 140	30	
Hexachlorobenzene	ND	130	82	91	10.4	68	74	8.5	40 - 140	30	
Hexachlorobutadiene	ND	230	68	71	4.3	65	70	7.4	40 - 140	30	
Hexachlorocyclopentadiene	ND	230	64	67	4.6	23	18	24.4	40 - 140	30	m
Hexachloroethane	ND	130	60	66	9.5	62	65	4.7	40 - 140	30	
Indeno(1,2,3-cd)pyrene	ND	230	79	86	8.5	52	58	10.9	40 - 140	30	
Isophorone	ND	130	64	70	9.0	63	67	6.2	40 - 140	30	
Naphthalene	ND	230	77	86	11.0	78	84	7.4	40 - 140	30	
Nitrobenzene	ND	130	67	71	5.8	73	78	6.6	40 - 140	30	
N-Nitrosodimethylamine	ND	230	55	59	7.0	53	59	10.7	40 - 140	30	
N-Nitrosodi-n-propylamine	ND	130	65	70	7.4	67	74	9.9	40 - 140	30	
N-Nitrosodiphenylamine	ND	130	73	82	11.6	65	70	7.4	40 - 140	30	
Pentachloronitrobenzene	ND	230	76	85	11.2	67	73	8.6	40 - 140	30	
Pentachlorophenol	ND	230	80	90	11.8	69	74	7.0	30 - 130	30	
Phenanthrene	ND	130	70	79	12.1	61	67	9.4	40 - 140	30	
Phenol	ND	230	70	76	8.2	73	77	5.3	30 - 130	30	
Pyrene	ND	230	68	77	12.4	61	65	6.3	30 - 130	30	
Pyridine	ND	230	43	47	8.9	43	44	2.3	40 - 140	30	
% 2,4,6-Tribromophenol	98	%	89	97	8.6	85	94	10.1	30 - 130	30	
% 2-Fluorobiphenyl	74	%	64	69	7.5	61	64	4.8	30 - 130	30	
% 2-Fluorophenol	67	%	61	63	3.2	58	63	8.3	30 - 130	30	
% Nitrobenzene-d5	69	%	63	68	7.6	69	73	5.6	30 - 130	30	
% Phenol-d5	70	%	64	68	6.1	64	68	6.1	30 - 130	30	
% Terphenyl-d14	66	%	59	66	11.2	51	57	11.1	30 - 130	30	

Comment:

Additional 8270 criteria: 10% 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 771856 (ug/L), QC Sample No: CS66586 (CS66586, CS66587, CS66588)

Semivolatiles - Ground Water

1,2,4,5-Tetrachlorobenzene	ND	3.5	70	74	5.6				40 - 140	20	
1,2,4-Trichlorobenzene	ND	3.5	74	77	4.0				40 - 140	20	
1,2-Dichlorobenzene	ND	1.0	71	73	2.8				40 - 140	20	
1,2-Diphenylhydrazine	ND	1.6	48	30	46.2				40 - 140	20	l,r
1,3-Dichlorobenzene	ND	1.0	68	72	5.7				40 - 140	20	
1,4-Dichlorobenzene	ND	1.0	69	72	4.3				40 - 140	20	
2,2'-Oxybis(1-Chloropropane)	ND	1.0	69	71	2.9				40 - 140	20	
2,4,5-Trichlorophenol	ND	1.0	79	85	7.3				40 - 140	20	

QA/QC Data

SDG I.D.: GCS66578

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
2,4,6-Trichlorophenol	ND	1.0	82	88	7.1				30 - 130	20	
2,4-Dichlorophenol	ND	1.0	82	84	2.4				30 - 130	20	
2,4-Dimethylphenol	ND	1.0	90	92	2.2				30 - 130	20	
2,4-Dinitrophenol	ND	1.0	90	94	4.3				30 - 130	20	
2,4-Dinitrotoluene	ND	3.5	92	97	5.3				30 - 130	20	
2,6-Dinitrotoluene	ND	3.5	91	98	7.4				40 - 140	20	
2-Chloronaphthalene	ND	3.5	78	80	2.5				40 - 140	20	
2-Chlorophenol	ND	1.0	72	75	4.1				30 - 130	20	
2-Methylphenol (o-cresol)	ND	1.0	76	81	6.4				40 - 140	20	
2-Nitroaniline	ND	3.5	103	91	12.4				40 - 140	20	
2-Nitrophenol	ND	1.0	101	104	2.9				40 - 140	20	
3&4-Methylphenol (m&p-cresol)	ND	1.0	73	77	5.3				30 - 130	20	
3,3'-Dichlorobenzidine	ND	5.0	<10	<10	NC				40 - 140	20	l
3-Nitroaniline	ND	5.0	23	17	30.0				40 - 140	20	l,r
4,6-Dinitro-2-methylphenol	ND	1.0	84	89	5.8				30 - 130	20	
4-Bromophenyl phenyl ether	ND	3.5	84	89	5.8				40 - 140	20	
4-Chloro-3-methylphenol	ND	1.0	90	93	3.3				30 - 130	20	
4-Chloroaniline	ND	3.5	15	<10	NC				40 - 140	20	l
4-Chlorophenyl phenyl ether	ND	1.0	82	91	10.4				40 - 140	20	
4-Nitroaniline	ND	5.0	100	107	6.8				40 - 140	20	
4-Nitrophenol	ND	1.0	102	110	7.5				30 - 130	20	
Acetophenone	ND	3.5	67	71	5.8				40 - 140	20	
Aniline	ND	3.5	17	<10	NC				40 - 140	20	l
Benzidine	ND	4.5	<10	<10	NC				40 - 140	20	l
Benzoic acid	ND	10	81	88	8.3				30 - 130	20	
Benzyl butyl phthalate	ND	1.5	85	46	59.5				40 - 140	20	r
Bis(2-chloroethoxy)methane	ND	3.5	<10	<10	NC				40 - 140	20	l
Bis(2-chloroethyl)ether	ND	1.0	78	80	2.5				40 - 140	20	
Bis(2-ethylhexyl)phthalate	ND	1.5	93	50	60.1				40 - 140	20	r
Carbazole	ND	5.0	23	18	24.4				40 - 140	20	l,r
Dibenzofuran	ND	3.5	75	81	7.7				40 - 140	20	
Diethyl phthalate	ND	1.5	93	63	38.5				40 - 140	20	r
Dimethylphthalate	ND	1.5	88	74	17.3				40 - 140	20	
Di-n-butylphthalate	ND	1.5	99	56	55.5				40 - 140	20	r
Di-n-octylphthalate	ND	1.5	93	49	62.0				40 - 140	20	r
Hexachloroethane	ND	3.5	78	81	3.8				40 - 140	20	
Isophorone	ND	3.5	84	85	1.2				40 - 140	20	
N-Nitrosodi-n-propylamine	ND	3.5	85	95	11.1				40 - 140	20	
N-Nitrosodiphenylamine	ND	3.5	56	63	11.8				40 - 140	20	
Pentachloronitrobenzene	ND	5.0	96	102	6.1				40 - 140	20	
Phenanthrene	ND	1.5	80	83	3.7				40 - 140	20	
Phenol	ND	1.0	66	65	1.5				30 - 130	20	
% 2,4,6-Tribromophenol	68	%	109	113	3.6				15 - 110	20	l
% 2-Fluorobiphenyl	77	%	70	74	5.6				30 - 130	20	
% 2-Fluorophenol	52	%	71	72	1.4				15 - 110	20	
% Nitrobenzene-d5	51	%	76	79	3.9				30 - 130	20	
% Phenol-d5	34	%	69	50	31.9				15 - 110	20	r
% Terphenyl-d14	49	%	78	63	21.3				30 - 130	20	r

Comment:

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

Additional 8270 criteria: 10% 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 Data

SDG I.D.: GCS66578

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 771856 (ug/L), QC Sample No: CS66586 (CS66586, CS66587, CS66588)											
Semivolatiles (SIM) - Ground Water											
2-Methylnaphthalene	ND	0.50	63	56	11.8				30 - 130	20	
Acenaphthene	ND	0.50	63	55	13.6				30 - 130	20	
Acenaphthylene	ND	0.50	38	42	10.0				30 - 130	20	
Anthracene	ND	0.50	68	61	10.9				30 - 130	20	
Benz(a)anthracene	ND	0.50	71	64	10.4				30 - 130	20	
Benzo(a)pyrene	ND	0.50	59	58	1.7				30 - 130	20	
Benzo(b)fluoranthene	ND	0.50	73	73	0.0				30 - 130	20	
Benzo(ghi)perylene	ND	0.50	69	70	1.4				30 - 130	20	
Benzo(k)fluoranthene	ND	0.50	75	75	0.0				30 - 130	20	
Chrysene	ND	0.50	69	64	7.5				30 - 130	20	
Dibenz(a,h)anthracene	ND	0.50	83	82	1.2				30 - 130	20	
Fluoranthene	ND	0.50	74	67	9.9				30 - 130	20	
Fluorene	ND	0.50	71	65	8.8				30 - 130	20	
Hexachlorobenzene	ND	0.50	69	63	9.1				30 - 130	20	
Hexachlorobutadiene	ND	0.50	73	66	10.1				30 - 130	20	
Hexachlorocyclopentadiene	ND	0.50	41	36	13.0				30 - 130	20	
Indeno(1,2,3-cd)pyrene	ND	0.50	78	76	2.6				30 - 130	20	
Naphthalene	ND	0.50	62	56	10.2				30 - 130	20	
Nitrobenzene	ND	0.50	79	68	15.0				30 - 130	20	
N-Nitrosodimethylamine	ND	0.05	65	60	8.0				30 - 130	20	
Pentachlorophenol	ND	0.50	115	101	13.0				30 - 130	20	
Phenanthrene	ND	0.50	65	60	8.0				30 - 130	20	
Pyrene	ND	0.50	70	65	7.4				30 - 130	20	
Pyridine	ND	0.50	<10	<10	NC				30 - 130	20	I
% 2,4,6-Tribromophenol	99	%	89	77	14.5				15 - 110	20	
% 2-Fluorobiphenyl	136	%	59	53	10.7				30 - 130	20	s
% 2-Fluorophenol	49	%	60	56	6.9				15 - 110	20	
% Nitrobenzene-d5	56	%	64	55	15.1				30 - 130	20	
% Phenol-d5	27	%	60	56	6.9				15 - 110	20	
% Terphenyl-d14	65	%	70	63	10.5				30 - 130	20	

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 771841 (ug/kg), QC Sample No: CS66130 (CS66578, CS66579, CS66580, CS66581, CS66582)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	5.0	111	105	5.6	99	99	0.0	70 - 130	20	
1,1,1-Trichloroethane	ND	5.0	107	102	4.8	99	99	0.0	70 - 130	20	
1,1,2,2-Tetrachloroethane	ND	3.0	99	96	3.1	101	103	2.0	70 - 130	20	
1,1,2-Trichloroethane	ND	5.0	105	100	4.9	92	91	1.1	70 - 130	20	
1,1-Dichloroethane	ND	5.0	105	100	4.9	97	97	0.0	70 - 130	20	
1,1-Dichloroethene	ND	5.0	103	98	5.0	97	95	2.1	70 - 130	20	
1,1-Dichloropropene	ND	5.0	102	99	3.0	101	100	1.0	70 - 130	20	
1,2,3-Trichlorobenzene	ND	5.0	101	98	3.0	72	72	0.0	70 - 130	20	
1,2,3-Trichloropropane	ND	5.0	103	110	6.6	90	97	7.5	70 - 130	20	
1,2,4-Trichlorobenzene	ND	5.0	93	93	0.0	70	70	0.0	70 - 130	20	
1,2,4-Trimethylbenzene	ND	1.0	99	97	2.0	94	95	1.1	70 - 130	20	
1,2-Dibromo-3-chloropropane	ND	5.0	111	104	6.5	91	92	1.1	70 - 130	20	
1,2-Dibromoethane	ND	5.0	110	106	3.7	98	97	1.0	70 - 130	20	

QA/QC Data

SDG I.D.: GCS66578

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,2-Dichlorobenzene	ND	5.0	100	96	4.1	88	86	2.3	70 - 130	20
1,2-Dichloroethane	ND	5.0	104	101	2.9	91	94	3.2	70 - 130	20
1,2-Dichloropropane	ND	5.0	108	101	6.7	98	99	1.0	70 - 130	20
1,3,5-Trimethylbenzene	ND	1.0	102	101	1.0	98	98	0.0	70 - 130	20
1,3-Dichlorobenzene	ND	5.0	98	94	4.2	86	87	1.2	70 - 130	20
1,3-Dichloropropane	ND	5.0	111	107	3.7	100	98	2.0	70 - 130	20
1,4-Dichlorobenzene	ND	5.0	95	92	3.2	83	83	0.0	70 - 130	20
2,2-Dichloropropane	ND	5.0	105	101	3.9	95	97	2.1	70 - 130	20
2-Chlorotoluene	ND	5.0	104	102	1.9	97	98	1.0	70 - 130	20
2-Hexanone	ND	25	102	97	5.0	85	85	0.0	70 - 130	20
2-Isopropyltoluene	ND	5.0	107	105	1.9	101	101	0.0	70 - 130	20
4-Chlorotoluene	ND	5.0	99	98	1.0	92	93	1.1	70 - 130	20
4-Methyl-2-pentanone	ND	25	108	104	3.8	92	94	2.2	70 - 130	20
Acetone	ND	10	107	107	0.0	71	73	2.8	70 - 130	20
Acrylonitrile	ND	5.0	97	97	0.0	85	88	3.5	70 - 130	20
Benzene	ND	1.0	102	99	3.0	96	97	1.0	70 - 130	20
Bromobenzene	ND	5.0	103	100	3.0	94	93	1.1	70 - 130	20
Bromochloromethane	ND	5.0	102	99	3.0	92	94	2.2	70 - 130	20
Bromodichloromethane	ND	5.0	109	106	2.8	96	100	4.1	70 - 130	20
Bromoform	ND	5.0	118	114	3.4	96	99	3.1	70 - 130	20
Bromomethane	ND	5.0	101	94	7.2	90	92	2.2	70 - 130	20
Carbon Disulfide	ND	5.0	105	100	4.9	96	97	1.0	70 - 130	20
Carbon tetrachloride	ND	5.0	103	99	4.0	94	95	1.1	70 - 130	20
Chlorobenzene	ND	5.0	106	103	2.9	97	97	0.0	70 - 130	20
Chloroethane	ND	5.0	106	101	4.8	97	100	3.0	70 - 130	20
Chloroform	ND	5.0	106	99	6.8	97	96	1.0	70 - 130	20
Chloromethane	ND	5.0	109	103	5.7	99	102	3.0	70 - 130	20
cis-1,2-Dichloroethene	ND	5.0	105	102	2.9	101	96	5.1	70 - 130	20
cis-1,3-Dichloropropene	ND	5.0	110	104	5.6	95	97	2.1	70 - 130	20
Dibromochloromethane	ND	3.0	113	111	1.8	99	100	1.0	70 - 130	20
Dibromomethane	ND	5.0	106	101	4.8	92	94	2.2	70 - 130	20
Dichlorodifluoromethane	ND	5.0	114	106	7.3	103	105	1.9	70 - 130	20
Ethylbenzene	ND	1.0	104	99	4.9	99	97	2.0	70 - 130	20
Hexachlorobutadiene	ND	5.0	101	101	0.0	86	84	2.4	70 - 130	20
Isopropylbenzene	ND	1.0	105	102	2.9	107	105	1.9	70 - 130	20
m&p-Xylene	ND	2.0	102	99	3.0	96	96	0.0	70 - 130	20
Methyl ethyl ketone	ND	5.0	96	92	4.3	73	73	0.0	70 - 130	20
Methyl t-butyl ether (MTBE)	ND	1.0	106	100	5.8	94	94	0.0	70 - 130	20
Methylene chloride	ND	5.0	98	93	5.2	87	87	0.0	70 - 130	20
Naphthalene	ND	5.0	109	106	2.8	110	119	7.9	70 - 130	20
n-Butylbenzene	ND	1.0	99	96	3.1	91	91	0.0	70 - 130	20
n-Propylbenzene	ND	1.0	103	100	3.0	102	101	1.0	70 - 130	20
o-Xylene	ND	2.0	107	104	2.8	98	98	0.0	70 - 130	20
p-Isopropyltoluene	ND	1.0	102	100	2.0	97	97	0.0	70 - 130	20
sec-Butylbenzene	ND	1.0	104	101	2.9	101	100	1.0	70 - 130	20
Styrene	ND	5.0	108	105	2.8	96	96	0.0	70 - 130	20
tert-Butylbenzene	ND	1.0	107	104	2.8	104	103	1.0	70 - 130	20
Tetrachloroethene	ND	5.0	102	95	7.1	95	96	1.0	70 - 130	20
Tetrahydrofuran (THF)	ND	5.0	102	98	4.0	85	87	2.3	70 - 130	20
Toluene	ND	1.0	101	98	3.0	95	95	0.0	70 - 130	20
trans-1,2-Dichloroethene	ND	5.0	104	101	2.9	96	97	1.0	70 - 130	20
trans-1,3-Dichloropropene	ND	5.0	111	107	3.7	96	98	2.1	70 - 130	20
trans-1,4-dichloro-2-butene	ND	5.0	114	104	9.2	96	94	2.1	70 - 130	20

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Trichloroethene	ND	5.0	104	104	0.0	92	94	2.2	70 - 130	20	
Trichlorofluoromethane	ND	5.0	107	101	5.8	99	100	1.0	70 - 130	20	
Trichlorotrifluoroethane	ND	5.0	99	97	2.0	96	97	1.0	70 - 130	20	
Vinyl chloride	ND	5.0	108	101	6.7	99	101	2.0	70 - 130	20	
% 1,2-dichlorobenzene-d4	99	%	99	99	0.0	98	99	1.0	70 - 130	20	
% Bromofluorobenzene	98	%	101	100	1.0	98	98	0.0	70 - 130	20	
% Dibromofluoromethane	91	%	96	96	0.0	93	94	1.1	70 - 130	20	
% Toluene-d8	97	%	99	99	0.0	99	100	1.0	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 772014 (ug/kg), QC Sample No: CS66516 (CS66583, CS66584, CS66585)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	5.0	101	103	2.0	88	94	6.6	70 - 130	20	
1,1,1-Trichloroethane	ND	5.0	106	110	3.7	94	99	5.2	70 - 130	20	
1,1,2,2-Tetrachloroethane	ND	3.0	95	97	2.1	88	92	4.4	70 - 130	20	
1,1,2-Trichloroethane	ND	5.0	98	100	2.0	89	90	1.1	70 - 130	20	
1,1-Dichloroethane	ND	5.0	101	105	3.9	91	94	3.2	70 - 130	20	
1,1-Dichloroethene	ND	5.0	106	113	6.4	96	99	3.1	70 - 130	20	
1,1-Dichloropropene	ND	5.0	100	105	4.9	90	94	4.3	70 - 130	20	
1,2,3-Trichlorobenzene	ND	5.0	97	99	2.0	84	90	6.9	70 - 130	20	
1,2,3-Trichloropropane	ND	5.0	92	97	5.3	82	86	4.8	70 - 130	20	
1,2,4-Trichlorobenzene	ND	5.0	92	94	2.2	82	87	5.9	70 - 130	20	
1,2,4-Trimethylbenzene	ND	1.0	97	100	3.0	87	91	4.5	70 - 130	20	
1,2-Dibromo-3-chloropropane	ND	5.0	96	107	10.8	84	90	6.9	70 - 130	20	
1,2-Dibromoethane	ND	5.0	95	99	4.1	85	89	4.6	70 - 130	20	
1,2-Dichlorobenzene	ND	5.0	101	104	2.9	89	94	5.5	70 - 130	20	
1,2-Dichloroethane	ND	5.0	103	106	2.9	94	97	3.1	70 - 130	20	
1,2-Dichloropropane	ND	5.0	99	98	1.0	88	90	2.2	70 - 130	20	
1,3,5-Trimethylbenzene	ND	1.0	96	100	4.1	86	90	4.5	70 - 130	20	
1,3-Dichlorobenzene	ND	5.0	96	99	3.1	86	90	4.5	70 - 130	20	
1,3-Dichloropropane	ND	5.0	95	96	1.0	84	88	4.7	70 - 130	20	
1,4-Dichlorobenzene	ND	5.0	100	104	3.9	88	93	5.5	70 - 130	20	
2,2-Dichloropropane	ND	5.0	105	107	1.9	92	98	6.3	70 - 130	20	
2-Chlorotoluene	ND	5.0	97	100	3.0	86	92	6.7	70 - 130	20	
2-Hexanone	ND	25	83	87	4.7	69	74	7.0	70 - 130	20	m
2-Isopropyltoluene	ND	5.0	100	104	3.9	88	94	6.6	70 - 130	20	
4-Chlorotoluene	ND	5.0	97	101	4.0	87	92	5.6	70 - 130	20	
4-Methyl-2-pentanone	ND	25	91	95	4.3	82	87	5.9	70 - 130	20	
Acetone	ND	10	76	84	10.0	21	24	13.3	70 - 130	20	m
Acrylonitrile	ND	5.0	89	96	7.6	78	82	5.0	70 - 130	20	
Benzene	ND	1.0	97	100	3.0	88	91	3.4	70 - 130	20	
Bromobenzene	ND	5.0	99	102	3.0	88	92	4.4	70 - 130	20	
Bromochloromethane	ND	5.0	99	102	3.0	89	93	4.4	70 - 130	20	
Bromodichloromethane	ND	5.0	102	105	2.9	91	95	4.3	70 - 130	20	
Bromoform	ND	5.0	103	107	3.8	87	94	7.7	70 - 130	20	
Bromomethane	ND	5.0	106	109	2.8	91	97	6.4	70 - 130	20	
Carbon Disulfide	ND	5.0	104	109	4.7	94	97	3.1	70 - 130	20	
Carbon tetrachloride	ND	5.0	108	112	3.6	93	100	7.3	70 - 130	20	
Chlorobenzene	ND	5.0	99	102	3.0	88	93	5.5	70 - 130	20	
Chloroethane	ND	5.0	120	123	2.5	101	105	3.9	70 - 130	20	
Chloroform	ND	5.0	100	103	3.0	90	95	5.4	70 - 130	20	
Chloromethane	ND	5.0	100	104	3.9	85	89	4.6	70 - 130	20	

QA/QC Data

SDG I.D.: GCS66578

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
cis-1,2-Dichloroethene	ND	5.0	101	104	2.9	92	95	3.2	70 - 130	20	
cis-1,3-Dichloropropene	ND	5.0	102	104	1.9	92	95	3.2	70 - 130	20	
Dibromochloromethane	ND	3.0	105	107	1.9	91	97	6.4	70 - 130	20	
Dibromomethane	ND	5.0	101	105	3.9	91	94	3.2	70 - 130	20	
Dichlorodifluoromethane	ND	5.0	111	115	3.5	83	87	4.7	70 - 130	20	
Ethylbenzene	ND	1.0	97	101	4.0	87	91	4.5	70 - 130	20	
Hexachlorobutadiene	ND	5.0	94	101	7.2	78	86	9.8	70 - 130	20	
Isopropylbenzene	ND	1.0	97	101	4.0	87	91	4.5	70 - 130	20	
m&p-Xylene	ND	2.0	96	99	3.1	86	90	4.5	70 - 130	20	
Methyl ethyl ketone	ND	5.0	83	87	4.7	68	72	5.7	70 - 130	20	m
Methyl t-butyl ether (MTBE)	ND	1.0	100	103	3.0	90	99	9.5	70 - 130	20	
Methylene chloride	ND	5.0	103	106	2.9	94	97	3.1	70 - 130	20	
Naphthalene	ND	5.0	95	99	4.1	82	88	7.1	70 - 130	20	
n-Butylbenzene	ND	1.0	100	104	3.9	88	93	5.5	70 - 130	20	
n-Propylbenzene	ND	1.0	97	100	3.0	86	91	5.6	70 - 130	20	
o-Xylene	ND	2.0	97	100	3.0	86	91	5.6	70 - 130	20	
p-Isopropyltoluene	ND	1.0	98	103	5.0	87	91	4.5	70 - 130	20	
sec-Butylbenzene	ND	1.0	96	102	6.1	85	90	5.7	70 - 130	20	
Styrene	ND	5.0	94	96	2.1	84	88	4.7	70 - 130	20	
tert-Butylbenzene	ND	1.0	97	101	4.0	86	90	4.5	70 - 130	20	
Tetrachloroethene	ND	5.0	98	100	2.0	89	92	3.3	70 - 130	20	
Tetrahydrofuran (THF)	ND	5.0	89	96	7.6	79	84	6.1	70 - 130	20	
Toluene	ND	1.0	100	103	3.0	89	94	5.5	70 - 130	20	
trans-1,2-Dichloroethene	ND	5.0	105	110	4.7	96	99	3.1	70 - 130	20	
trans-1,3-Dichloropropene	ND	5.0	104	105	1.0	91	97	6.4	70 - 130	20	
trans-1,4-dichloro-2-butene	ND	5.0	101	107	5.8	86	93	7.8	70 - 130	20	
Trichloroethene	ND	5.0	101	105	3.9	87	90	3.4	70 - 130	20	
Trichlorofluoromethane	ND	5.0	118	121	2.5	105	107	1.9	70 - 130	20	
Trichlorotrifluoroethane	ND	5.0	110	113	2.7	96	101	5.1	70 - 130	20	
Vinyl chloride	ND	5.0	106	112	5.5	95	97	2.1	70 - 130	20	
% 1,2-dichlorobenzene-d4	95	%	101	102	1.0	102	102	0.0	70 - 130	20	
% Bromofluorobenzene	97	%	102	100	2.0	101	102	1.0	70 - 130	20	
% Dibromofluoromethane	106	%	101	101	0.0	103	99	4.0	70 - 130	20	
% Toluene-d8	90	%	101	100	1.0	101	101	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 772166H (ug/kg), QC Sample No: CS66917 50X (CS66579 (50X) , CS66580 (50X) , CS66582 (50X))

Volatiles - Soil (High Level)

1,1,2,2-Tetrachloroethane	ND	5.0	103	98	5.0	83			70 - 130	20	
1,2,3-Trichlorobenzene	ND	5.0	109	106	2.8	84			70 - 130	20	
1,2,3-Trichloropropane	ND	5.0	97	91	6.4	78			70 - 130	20	
1,2,4-Trichlorobenzene	ND	5.0	113	109	3.6	86			70 - 130	20	
1,2,4-Trimethylbenzene	ND	5.0	108	103	4.7	88			70 - 130	20	
1,2-Dibromo-3-chloropropane	ND	5.0	97	90	7.5	69			70 - 130	20	m
1,2-Dichlorobenzene	ND	5.0	107	103	3.8	85			70 - 130	20	
1,3,5-Trimethylbenzene	ND	5.0	108	103	4.7	88			70 - 130	20	
1,3-Dichlorobenzene	ND	5.0	110	105	4.7	86			70 - 130	20	
1,4-Dichlorobenzene	ND	5.0	110	105	4.7	86			70 - 130	20	
2-Chlorotoluene	ND	5.0	108	102	5.7	85			70 - 130	20	
2-Isopropyltoluene	ND	5.0	110	104	5.6	89			70 - 130	20	
4-Chlorotoluene	ND	5.0	108	103	4.7	86			70 - 130	20	
Bromobenzene	ND	5.0	107	102	4.8	85			70 - 130	20	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Hexachlorobutadiene	ND	5.0	116	110	5.3	91			70 - 130	20
Isopropylbenzene	ND	5.0	106	100	5.8	86			70 - 130	20
Naphthalene	ND	5.0	102	98	4.0	85			70 - 130	20
n-Butylbenzene	ND	5.0	112	106	5.5	88			70 - 130	20
n-Propylbenzene	ND	5.0	107	102	4.8	85			70 - 130	20
p-Isopropyltoluene	ND	5.0	111	105	5.6	89			70 - 130	20
sec-Butylbenzene	ND	5.0	107	102	4.8	87			70 - 130	20
tert-Butylbenzene	ND	5.0	107	102	4.8	86			70 - 130	20
Tetrachloroethene	ND	5.0	113	106	6.4	89			70 - 130	20
trans-1,4-dichloro-2-butene	ND	5.0	104	96	8.0	72			70 - 130	20
% 1,2-dichlorobenzene-d4	100	%	100	100	0.0	102			70 - 130	20
% Bromofluorobenzene	101	%	103	103	0.0	104			70 - 130	20
% Dibromofluoromethane	97	%	100	99	1.0	99			70 - 130	20
% Toluene-d8	100	%	99	99	0.0	100			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 772204 (ug/L), QC Sample No: CS67218 (CS66586 (5X) , CS66587, CS66588)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	109	109	0.0				70 - 130	20
1,1,1-Trichloroethane	ND	1.0	107	107	0.0				70 - 130	20
1,1,2,2-Tetrachloroethane	ND	0.50	106	104	1.9				70 - 130	20
1,1,2-Trichloroethane	ND	1.0	108	104	3.8				70 - 130	20
1,1-Dichloroethane	ND	1.0	102	103	1.0				70 - 130	20
1,1-Dichloroethene	ND	1.0	97	101	4.0				70 - 130	20
1,1-Dichloropropene	ND	1.0	104	104	0.0				70 - 130	20
1,2,3-Trichlorobenzene	ND	1.0	117	118	0.9				70 - 130	20
1,2,3-Trichloropropane	ND	1.0	101	99	2.0				70 - 130	20
1,2,4-Trichlorobenzene	ND	1.0	113	113	0.0				70 - 130	20
1,2,4-Trimethylbenzene	ND	1.0	107	107	0.0				70 - 130	20
1,2-Dibromo-3-chloropropane	ND	1.0	108	103	4.7				70 - 130	20
1,2-Dibromoethane	ND	1.0	108	106	1.9				70 - 130	20
1,2-Dichlorobenzene	ND	1.0	105	103	1.9				70 - 130	20
1,2-Dichloroethane	ND	1.0	103	104	1.0				70 - 130	20
1,2-Dichloropropane	ND	1.0	105	104	1.0				70 - 130	20
1,3,5-Trimethylbenzene	ND	1.0	109	107	1.9				70 - 130	20
1,3-Dichlorobenzene	ND	1.0	104	103	1.0				70 - 130	20
1,3-Dichloropropane	ND	1.0	106	105	0.9				70 - 130	20
1,4-Dichlorobenzene	ND	1.0	102	102	0.0				70 - 130	20
2,2-Dichloropropane	ND	1.0	107	102	4.8				70 - 130	20
2-Chlorotoluene	ND	1.0	104	105	1.0				70 - 130	20
2-Hexanone	ND	5.0	99	97	2.0				70 - 130	20
2-Isopropyltoluene	ND	1.0	107	107	0.0				70 - 130	20
4-Chlorotoluene	ND	1.0	106	105	0.9				70 - 130	20
4-Methyl-2-pentanone	ND	5.0	104	104	0.0				70 - 130	20
Acetone	ND	5.0	108	101	6.7				70 - 130	20
Acrylonitrile	ND	5.0	101	105	3.9				70 - 130	20
Benzene	ND	0.70	107	106	0.9				70 - 130	20
Bromobenzene	ND	1.0	104	103	1.0				70 - 130	20
Bromochloromethane	ND	1.0	121	103	16.1				70 - 130	20
Bromodichloromethane	ND	0.50	109	107	1.9				70 - 130	20
Bromoform	ND	1.0	115	110	4.4				70 - 130	20
Bromomethane	ND	1.0	100	97	3.0				70 - 130	20

QA/QC Data

SDG I.D.: GCS66578

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Carbon Disulfide	ND	1.0	103	102	1.0				70 - 130	20
Carbon tetrachloride	ND	1.0	109	113	3.6				70 - 130	20
Chlorobenzene	ND	1.0	107	105	1.9				70 - 130	20
Chloroethane	ND	1.0	108	109	0.9				70 - 130	20
Chloroform	ND	1.0	119	105	12.5				70 - 130	20
Chloromethane	ND	1.0	113	113	0.0				70 - 130	20
cis-1,2-Dichloroethene	ND	1.0	102	102	0.0				70 - 130	20
cis-1,3-Dichloropropene	ND	0.40	108	106	1.9				70 - 130	20
Dibromochloromethane	ND	0.50	110	109	0.9				70 - 130	20
Dibromomethane	ND	1.0	107	105	1.9				70 - 130	20
Dichlorodifluoromethane	ND	1.0	126	125	0.8				70 - 130	20
Ethylbenzene	ND	1.0	108	108	0.0				70 - 130	20
Hexachlorobutadiene	ND	0.40	105	104	1.0				70 - 130	20
Isopropylbenzene	ND	1.0	107	106	0.9				70 - 130	20
m&p-Xylene	ND	1.0	111	107	3.7				70 - 130	20
Methyl ethyl ketone	ND	5.0	108	96	11.8				70 - 130	20
Methyl t-butyl ether (MTBE)	ND	1.0	106	104	1.9				70 - 130	20
Methylene chloride	ND	1.0	100	100	0.0				70 - 130	20
Naphthalene	ND	1.0	103	102	1.0				70 - 130	20
n-Butylbenzene	ND	1.0	107	107	0.0				70 - 130	20
n-Propylbenzene	ND	1.0	104	104	0.0				70 - 130	20
o-Xylene	ND	1.0	107	109	1.9				70 - 130	20
p-Isopropyltoluene	ND	1.0	108	107	0.9				70 - 130	20
sec-Butylbenzene	ND	1.0	106	106	0.0				70 - 130	20
Styrene	ND	1.0	109	107	1.9				70 - 130	20
tert-Butylbenzene	ND	1.0	104	105	1.0				70 - 130	20
Tetrachloroethene	ND	1.0	104	103	1.0				70 - 130	20
Tetrahydrofuran (THF)	ND	2.5	110	105	4.7				70 - 130	20
Toluene	ND	1.0	105	103	1.9				70 - 130	20
trans-1,2-Dichloroethene	ND	1.0	102	102	0.0				70 - 130	20
trans-1,3-Dichloropropene	ND	0.40	109	107	1.9				70 - 130	20
trans-1,4-dichloro-2-butene	ND	5.0	110	108	1.8				70 - 130	20
Trichloroethene	ND	1.0	102	103	1.0				70 - 130	20
Trichlorofluoromethane	ND	1.0	109	108	0.9				70 - 130	20
Trichlorotrifluoroethane	ND	1.0	108	106	1.9				70 - 130	20
Vinyl chloride	ND	1.0	109	109	0.0				70 - 130	20
% 1,2-dichlorobenzene-d4	102	%	101	100	1.0				70 - 130	20
% Bromofluorobenzene	93	%	101	99	2.0				70 - 130	20
% Dibromofluoromethane	103	%	101	99	2.0				70 - 130	20
% Toluene-d8	99	%	99	100	1.0				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%.

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.
s = This parameter is outside laboratory Blank Surrogate specified recovery limits.

QA/QC Data

SDG I.D.: GCS66578

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD 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 03, 2025

Monday, March 03, 2025

Criteria: NY: 375, 375COM, GW

State: NY

Sample Criteria Exceedances Report

GCS66578 - JBS

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CS66578	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Commercial	1900	260	1000	1000	ug/Kg
CS66578	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1900	260	1000	1000	ug/Kg
CS66578	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2300	260	1000	1000	ug/Kg
CS66578	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1900	260	1000	1000	ug/Kg
CS66578	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	920	260	500	500	ug/Kg
CS66578	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1900	260	1000	1000	ug/Kg
CS66578	AS-SM	Arsenic	NY / 375-6.8 Metals / Commercial	95.4	0.77	16	16	mg/Kg
CS66578	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	95.4	0.77	13	13	mg/Kg
CS66578	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.26	0.03	0.18	0.18	mg/Kg
CS66578	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	169	0.38	63	63	mg/Kg
CS66578	ZN-SM	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	115	0.8	109	109	mg/Kg
CS66579	$8260SMRNY	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	130	45	50	50	ug/Kg
CS66580	$8260SMRNY	Tetrachloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	6700	350	1300	1300	ug/Kg
CS66582	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Commercial	16000	1300	5600	5600	ug/Kg
CS66582	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Commercial	6900	260	5600	5600	ug/Kg
CS66582	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Commercial	15000	1300	1000	1000	ug/Kg
CS66582	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Commercial	18000	1300	5600	5600	ug/Kg
CS66582	$8270-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Commercial	1800	260	560	560	ug/Kg
CS66582	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	14000	1300	1000	1000	ug/Kg
CS66582	$8270-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1800	260	330	330	ug/Kg
CS66582	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	18000	1300	1000	1000	ug/Kg
CS66582	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	16000	1300	1000	1000	ug/Kg
CS66582	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	15000	1300	1000	1000	ug/Kg
CS66582	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	6900	260	500	500	ug/Kg
CS66582	$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4500	260	800	800	ug/Kg
CS66582	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	13.4	0.72	13	13	mg/Kg
CS66582	BA-SM	Barium	NY / 375-6.8 Metals / Commercial	685	0.36	400	400	mg/Kg
CS66582	BA-SM	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	685	0.36	350	350	mg/Kg
CS66582	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	121	0.7	50	50	mg/kg
CS66582	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.85	0.03	0.18	0.18	mg/Kg
CS66582	PB-SM	Lead	NY / 375-6.8 Metals / Commercial	1090	0.36	1000	1000	mg/Kg
CS66582	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	1090	0.36	63	63	mg/Kg
CS66582	ZN-SM	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	719	0.7	109	109	mg/Kg
CS66584	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Commercial	1300	280	1000	1000	ug/Kg
CS66584	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1300	280	1000	1000	ug/Kg
CS66584	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1600	280	1000	1000	ug/Kg
CS66584	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1500	280	1000	1000	ug/Kg
CS66584	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	710	280	500	500	ug/Kg
CS66584	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1700	280	1000	1000	ug/Kg

Monday, March 03, 2025

Criteria: NY: 375, 375COM, GW

State: NY

Sample Criteria Exceedances Report

GCS66578 - JBS

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CS66586	$8260GWR	cis-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	32	5.0	5	5	ug/L
CS66586	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
CS66586	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
CS66586	$8260GWR	trans-1,4-dichloro-2-butene	NY / TOGS - Water Quality / GA Criteria	ND	13	5	5	ug/L
CS66586	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
CS66586	$8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CS66586	$8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CS66586	$8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CS66586	$8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CS66586	$8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CS66586	$8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CS66586	$8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CS66586	$8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CS66586	$8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CS66586	$8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CS66586	$8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CS66586	D-FE	Iron (Dissolved)	NY / TOGS - Water Quality / GA Criteria	8.37	0.011	0.3	0.3	mg/L
CS66586	D-MG	Magnesium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	42.4	0.01	35	35	mg/L
CS66586	D-MN	Manganese (Dissolved)	NY / TOGS - Water Quality / GA Criteria	3.28	0.001	0.3	0.3	mg/L
CS66586	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	146	1.1	20	20	mg/L
CS66587	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CS66587	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CS66587	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CS66587	$8270-SIMFSR	Phenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	6.6	0.99	1	1	ug/L
CS66587	$8270-SIMFSR	Phenol	NY / TOGS - Water Quality / GA Criteria	6.6	0.99	1	1	ug/L
CS66587	$8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.09	0.02	0.002	0.002	ug/L
CS66587	$8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.07	0.02	0.002	0.002	ug/L
CS66587	$8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.03	0.02	0.002	0.002	ug/L
CS66587	$8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.06	0.02	0.002	0.002	ug/L
CS66587	$8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.03	0.02	0.002	0.002	ug/L
CS66587	$8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.05	0.02	0.002	0.002	ug/L
CS66587	$8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	0.03	0.02	0.002	0.002	ug/L
CS66587	$8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.06	0.02	0.002	0.002	ug/L
CS66587	$8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.07	0.02	0.002	0.002	ug/L
CS66587	$8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.05	0.02	0.002	0.002	ug/L
CS66587	$8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.09	0.02	0.002	0.002	ug/L
CS66587	D-MN	Manganese (Dissolved)	NY / TOGS - Water Quality / GA Criteria	10.0	0.001	0.3	0.3	mg/L
CS66587	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	191	1.1	20	20	mg/L
CS66588	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CS66588	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L

Monday, March 03, 2025

Criteria: NY: 375, 375COM, GW

State: NY

Sample Criteria Exceedances Report

GCS66578 - JBS

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CS66588	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CS66588	$8270-SIMFSR	Phenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	2.1	0.98	1	1	ug/L
CS66588	$8270-SIMFSR	Phenol	NY / TOGS - Water Quality / GA Criteria	2.1	0.98	1	1	ug/L
CS66588	$8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	4.1	0.02	0.002	0.002	ug/L
CS66588	$8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	2.6	0.02	0.002	0.002	ug/L
CS66588	$8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	4.2	0.02	0.002	0.002	ug/L
CS66588	$8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	2.8	0.02	0.002	0.002	ug/L
CS66588	$8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	2.8	0.02	0.002	0.002	ug/L
CS66588	$8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	3.8	0.02	0.002	0.002	ug/L
CS66588	$8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	2.8	0.02	0.002	0.002	ug/L
CS66588	$8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	2.8	0.02	0.002	0.002	ug/L
CS66588	$8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	4.2	0.02	0.002	0.002	ug/L
CS66588	$8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	2.6	0.02	0.002	0.002	ug/L
CS66588	$8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	4.1	0.02	0.002	0.002	ug/L
CS66588	D-MN	Manganese (Dissolved)	NY / TOGS - Water Quality / GA Criteria	1.01	0.001	0.3	0.3	mg/L
CS66588	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	71.7	1.1	20	20	mg/L

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

March 03, 2025 SDG I.D.: GCS66578

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

SVOA Narration

CHEM07 02/25/25-1: CS66578, CS66579, CS66580, CS66581, CS66582, CS66583, CS66584, CS66585

For 8270 full list, the DDT breakdown and pentachlorophenol & benzidine peak tailing were evaluated in the DFTPP tune and were found to be in control.
For 8270 BN list, benzidine peak tailing was evaluated in the DFTPP tune and was found to be in control.

The following Initial Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.065 (0.1), Hexachlorobenzene 0.097 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet % deviation criteria: 3,3'-Dichlorobenzidine 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: 2-Nitrophenol 0.071 (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%.

CHEM22 02/25/25-1: CS66586, CS66587, CS66588

The following Initial Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.083 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet % deviation criteria: % 2,4,6-Tribromophenol 32%H (20%), 2-Nitrophenol 30%H (20%)
The following Continuing Calibration compounds did not meet Maximum % deviation 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%.

VOA Narration

CHEM14 02/21/25-1: CS66583, CS66584, CS66585

The following Initial Calibration compounds did not meet RSD% criteria: Acetone 31% (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%.

CHEM23 02/24/25-1: CS66586, CS66587, CS66588

The following Initial Calibration compounds did not meet RSD% criteria: 1,2,3-Trichlorobenzene 26% (20%), 1,2,4-Trichlorobenzene 23% (20%), 1,2-Dibromo-3-chloropropane 21% (20%), Bromoform 21% (20%), Bromomethane 21% (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%.

CHEM31 02/20/25-4: CS66578, CS66579, CS66580, CS66581, CS66582

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

March 03, 2025 SDG I.D.: GCS66578

The following Initial Calibration compounds did not meet recommended response factors: 1,1,2-Trichloroethane 0.170 (0.2), 1,2-Dibromoethane 0.194 (0.2)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet recommended response factors: 1,1,2-Trichloroethane 0.169 (0.2)
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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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

March 03, 2025

SDG I.D.: GCS66578

The samples in this delivery group were received at 1.9°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes (X) No ( )
Coolant: IPK (X) ICE ( ) No ( )
Temp 2.5°C Pg of

PHOENIX
Environmental Laboratories, Inc.

NY/NJ/PA CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: Makrina Nolan, makrina@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-1102

Contact Options:
- ☐ Phone:
- ☐ Fax:
- ☐ Email: jason@jbs-engineering

Customer:
Address:

Project: A717 BX NY
Report to: Jason Stewart
Invoice to: Jason Stewart
QUOTE # :

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: Jason Stewart Date:

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe **OIL**=Oil
B=Bulk **L**=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	*MS/MSD (May be billable at analysis unit rate)	VOC's	SVOC's	TAL Metals	TAL Metals (D) (5520 (Wet))	GL Amber 8 oz. [ ] w/H3PO4 [ ] NAHSO4	Soil VOA Vials [X] methanol	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [X] HCl	GL Amber 1000ml [X] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL NaOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
606578	SB-1 (0-2')	S	2/18			X	X	X				3	2								
606579	SB-1 (8-10')	S	2/18			X	X	X				3	2								
606580	SB-2 (0-2')	S	2/18			X	X	X				3	2								
606581	SB-2 (8-10')	S	2/18			X	X	X				3	2								
606582	SB-3 (0-2')	S	2/18			X	X	X				3	2								
606583	SB-3 (7-9')	S	2/18			X	X	X				3	2								
606584	SB-4 (0-2')	S	2/18			X	X	X				3	2								
606585	SB-4 (7-9')	S	2/18			X	X	X				3	2								
606586	MW-1	GW	2/18			X	X		X					3	1		1				
606587	MW-3	GW	2/18			X	X		X					3	1		1				
606588	MW-4	GW	2/18			X	X		X					3	1		1				

Relinquished by:	Accepted by:	Date:	Time:
		2.20.2025	1208
		2/20/25	3:30pm
		2/20/25	1904

Comments, Special Requirements or Regulations:

***MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.**

Data Format:
- ☐ Phoenix Std Report
- ☐ Excel
- ☐ PDF
- ☐ GIS/Key
- ☐ EQuIS
- ☐ NJ Hazsite EDD
- ☐ NY EZ EDD (ASP)
- ☐ Other

Turnaround:
- ☐ 1 Day*
- ☐ 2 Days*
- ☐ 3 Days*
- ☐ 4 Days*
- ☐ 5 Days*
- ☐ Standard

* SURCHARGE APPLIES

NJ
- ☐ Res. Criteria
- ☐ Non-Res. Criteria
- ☐ Impact to GW Soil Cleanup Criteria
- ☐ Impact to GW soil screen Criteria
- ☐ GW Criteria

Data Package:
- ☐ NJ Reduced Deliv. *
- ☐ Other
- ☐ NY Enhanced (ASP B) *

NY
- ☒ TOGS GW
- ☐ CP-51 SOIL
- ☒ 375SCO Unrestricted Soil
- ☐ 375SCO Residential Soil
- ☐ 375SCO Residential Restricted Soil
- ☒ 375SCO Commercial Soil
- ☐ 375SCO Industrial Soil
- ☐ Subpart 5 DW

PA
- ☐ Clean Fill Limits
- ☐ PA-GW
- ☐ Reg Fill Limits
- ☐ PA Soil Restricted
- ☐ PA Soil non-restricted

State Samples Collected? ☐

PEL-111 Rev 1/2023

PHOENIX
Environmental Laboratories, Inc.

Monday, February 24, 2025

Attn: Mr Jason Stewart
JBS
228 Park Ave S PMB 36418
NY, NY 1003-1502

Project ID: **A721 BKNY**
SDG ID: **GCS66589**
Sample ID#s: CS66589 - CS66590, CS66592 - CS66594

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.

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,

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

NY # 11301

Sample Id Cross Reference

February 24, 2025

SDG I.D.: GCS66589

Project ID: A721 BKNY

Client Id	Lab Id	Matrix	Col Date
SS-1	CS66589	AIR	02/18/25 15:10
IA-2	CS66590	AIR	02/18/25 15:20
SS-2	CS66592	AIR	02/18/25 15:20
SS-3	CS66593	AIR	02/18/25 15:20
SS-4	CS66594	AIR	02/18/25 15:00

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

NY # 11301

Analysis Report

February 24, 2025

FOR: Attn: Mr Jason Stewart
JBS
228 Park Ave S PMB 36418
NY, NY 1003-1502

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RI	02/18/25	15:10
Location Code:	JBS	Received by:	B	02/20/25	19:04
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	13644				

Laboratory Data

SDG ID: GCS66589
Phoenix ID: CS66589

Project ID: A721 BKNY
Client ID: SS-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.729*	ND	*5.00*	02/20/25	KCA	5	1
1,1,1-Trichloroethane	ND	*0.917*	ND	*5.00*	02/20/25	KCA	5	
1,1,2,2-Tetrachloroethane	ND	*0.729*	ND	*5.00*	02/20/25	KCA	5	
1,1,2-Trichloroethane	ND	*0.917*	ND	*5.00*	02/20/25	KCA	5	
1,1-Dichloroethane	ND	*1.24*	ND	*5.02*	02/20/25	KCA	5	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	02/20/25	KCA	5	
1,2,4-Trichlorobenzene	ND	*0.674*	ND	*5.00*	02/20/25	KCA	5	
1,2,4-Trimethylbenzene	ND	*1.02*	ND	*5.01*	02/20/25	KCA	5	
1,2-Dibromoethane(EDB)	ND	*0.651*	ND	*5.00*	02/20/25	KCA	5	
1,2-Dichlorobenzene	ND	*0.832*	ND	*5.00*	02/20/25	KCA	5	
1,2-Dichloroethane	ND	*1.24*	ND	*5.02*	02/20/25	KCA	5	
1,2-dichloropropane	ND	*1.08*	ND	*4.99*	02/20/25	KCA	5	
1,2-Dichlorotetrafluoroethane	ND	*0.716*	ND	*5.00*	02/20/25	KCA	5	
1,3,5-Trimethylbenzene	ND	*1.02*	ND	*5.01*	02/20/25	KCA	5	
1,3-Butadiene	ND	*2.26*	ND	*5.00*	02/20/25	KCA	5	
1,3-Dichlorobenzene	ND	*0.832*	ND	*5.00*	02/20/25	KCA	5	
1,4-Dichlorobenzene	ND	*0.832*	ND	*5.00*	02/20/25	KCA	5	
1,4-Dioxane	ND	*1.39*	ND	*5.01*	02/20/25	KCA	5	
2-Hexanone(MBK)	ND	*1.22*	ND	*4.99*	02/20/25	KCA	5	1
4-Ethyltoluene	ND	*1.02*	ND	*5.01*	02/20/25	KCA	5	1
4-Isopropyltoluene	ND	*0.911*	ND	*5.00*	02/20/25	KCA	5	1
4-Methyl-2-pentanone(MIBK)	ND	*1.22*	ND	*4.99*	02/20/25	KCA	5	
Acetone	21.6	*2.11*	51.3	*5.01*	02/20/25	KCA	5	
Acrylonitrile	ND	*2.31*	ND	*5.01*	02/20/25	KCA	5	
Benzene	ND	*1.57*	ND	*5.01*	02/20/25	KCA	5	
Benzyl chloride	ND	*0.966*	ND	*5.00*	02/20/25	KCA	5	

Project ID: A721 BKNY
Client ID: SS-1

Phoenix I.D.: CS66589

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.747*	ND	*5.00*	02/20/25	KCA	5	
Bromoform	ND	*0.484*	ND	*5.00*	02/20/25	KCA	5	
Bromomethane	ND	*1.29*	ND	*5.01*	02/20/25	KCA	5	
Carbon Disulfide	ND	*1.61*	ND	*5.01*	02/20/25	KCA	5	
Carbon Tetrachloride	0.545	*0.159*	3.43	*1.00*	02/20/25	KCA	5	
Chlorobenzene	ND	*1.09*	ND	*5.01*	02/20/25	KCA	5	
Chloroethane	ND	*1.90*	ND	*5.01*	02/20/25	KCA	5	
Chloroform	ND	*1.02*	ND	*4.98*	02/20/25	KCA	5	
Chloromethane	ND	*2.42*	ND	*4.99*	02/20/25	KCA	5	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	02/20/25	KCA	5	
cis-1,3-Dichloropropene	ND	*1.10*	ND	*4.99*	02/20/25	KCA	5	
Cyclohexane	ND	*1.45*	ND	*4.99*	02/20/25	KCA	5	
Dibromochloromethane	ND	*0.587*	ND	*5.00*	02/20/25	KCA	5	
Dichlorodifluoromethane	ND	*1.01*	ND	*4.99*	02/20/25	KCA	5	
Ethanol	33.3	*2.66*	62.7	*5.01*	02/20/25	KCA	5	1
Ethyl acetate	2.26	*1.39*	8.14	*5.01*	02/20/25	KCA	5	1
Ethylbenzene	ND	*1.15*	ND	*4.99*	02/20/25	KCA	5	
Heptane	ND	*1.22*	ND	*5.00*	02/20/25	KCA	5	
Hexachlorobutadiene	ND	*0.469*	ND	*5.00*	02/20/25	KCA	5	
Hexane	ND	*1.42*	ND	*5.00*	02/20/25	KCA	5	
Isooctane	ND	*1.07*	ND	*4.99*	02/20/25	KCA	5	
Isopropylalcohol	ND	*2.04*	ND	*5.01*	02/20/25	KCA	5	
Isopropylbenzene	ND	*1.02*	ND	*5.01*	02/20/25	KCA	5	
m,p-Xylene	ND	*1.15*	ND	*4.99*	02/20/25	KCA	5	
Methyl Ethyl Ketone	ND	*1.70*	ND	*5.01*	02/20/25	KCA	5	
Methyl tert-butyl ether(MTBE)	ND	*1.39*	ND	*5.01*	02/20/25	KCA	5	
Methylene Chloride	ND	*4.32*	ND	*15.0*	02/20/25	KCA	5	
Naphthalene	ND	*1.00*	ND	*5.23*	02/20/25	KCA	5	
n-Butylbenzene	ND	*0.911*	ND	*5.00*	02/20/25	KCA	5	1
o-Xylene	ND	*1.15*	ND	*4.99*	02/20/25	KCA	5	
Propylene	ND	*2.91*	ND	*5.01*	02/20/25	KCA	5	1
sec-Butylbenzene	ND	*0.911*	ND	*5.00*	02/20/25	KCA	5	1
Styrene	ND	*1.17*	ND	*4.98*	02/20/25	KCA	5	
Tetrachloroethene	3.45	*0.184*	23.4	*1.25*	02/20/25	KCA	5	
Tetrahydrofuran	ND	*1.70*	ND	*5.01*	02/20/25	KCA	5	1
Toluene	ND	*1.33*	ND	*5.01*	02/20/25	KCA	5	
Trans-1,2-Dichloroethene	ND	*1.26*	ND	*4.99*	02/20/25	KCA	5	
trans-1,3-Dichloropropene	ND	*1.10*	ND	*4.99*	02/20/25	KCA	5	
Trichloroethene	ND	*0.185*	ND	*0.99*	02/20/25	KCA	5	
Trichlorofluoromethane	ND	*0.891*	ND	*5.00*	02/20/25	KCA	5	
Trichlorotrifluoroethane	ND	*0.653*	ND	*5.00*	02/20/25	KCA	5	
Vinyl Chloride	ND	*0.390*	ND	*1.00*	02/20/25	KCA	5	
QA/QC Surrogates/Internals								
% Bromofluorobenzene (5x)	99	*%*	99	*%*	02/20/25	KCA	5	
% IS-1,4-Difluorobenzene (5x)	96	*%*	96	*%*	02/20/25	KCA	5	
% IS-Bromochloromethane (5x)	98	*%*	98	*%*	02/20/25	KCA	5	
% IS-Chlorobenzene-d5 (5x)	97	*%*	97	*%*	02/20/25	KCA	5	

Ver 1

Project ID: A721 BKNY
Client ID: SS-1

Phoenix I.D.: CS66589

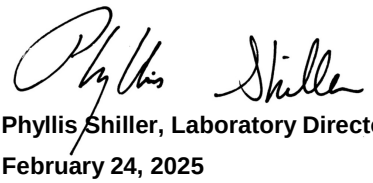
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

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 (preceeded 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
February 24, 2025
Reviewed and Released by: Anil Makol, Project Manager

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

NY # 11301

Analysis Report

February 24, 2025

FOR: Attn: Mr Jason Stewart
JBS
228 Park Ave S PMB 36418
NY, NY 1003-1502

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RI	02/18/25	15:20
Location Code:	JBS	Received by:	B	02/20/25	19:04
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	17158				

Project ID: A721 BKNY
Client ID: IA-2

Laboratory Data

SDG ID: GCS66589
Phoenix ID: CS66590

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	02/20/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	02/20/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	02/20/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	02/20/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	02/20/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	ND	*0.20*	02/20/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	02/20/25	KCA	1	
1,2,4-Trimethylbenzene	0.343	*0.204*	1.69	*1.00*	02/20/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	02/20/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	02/20/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	02/20/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	02/20/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	02/20/25	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.00*	02/20/25	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	02/20/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	02/20/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	02/20/25	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	02/20/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	02/20/25	KCA	1	1
4-Ethyltoluene	0.300	*0.204*	1.47	*1.00*	02/20/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	02/20/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	02/20/25	KCA	1	
Acetone	2.03	*0.421*	4.82	*1.00*	02/20/25	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	02/20/25	KCA	1	
Benzene	0.477	*0.313*	1.52	*1.00*	02/20/25	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	02/20/25	KCA	1	

Project ID: A721 BKNY
Client ID: IA-2

Phoenix I.D.: CS66590

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	02/20/25	KCA	1	
Bromoform	ND	*0.097*	ND	*1.00*	02/20/25	KCA	1	
Bromomethane	ND	*0.258*	ND	*1.00*	02/20/25	KCA	1	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	02/20/25	KCA	1	
Carbon Tetrachloride	0.083	*0.032*	0.52	*0.20*	02/20/25	KCA	1	
Chlorobenzene	ND	*0.217*	ND	*1.00*	02/20/25	KCA	1	
Chloroethane	ND	*0.379*	ND	*1.00*	02/20/25	KCA	1	
Chloroform	ND	*0.205*	ND	*1.00*	02/20/25	KCA	1	
Chloromethane	0.583	*0.485*	1.20	*1.00*	02/20/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	ND	*0.20*	02/20/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	02/20/25	KCA	1	
Cyclohexane	ND	*0.291*	ND	*1.00*	02/20/25	KCA	1	
Dibromochloromethane	ND	*0.118*	ND	*1.00*	02/20/25	KCA	1	
Dichlorodifluoromethane	0.479	*0.202*	2.37	*1.00*	02/20/25	KCA	1	
Ethanol	2.58	*0.531*	4.86	*1.00*	02/20/25	KCA	1	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	02/20/25	KCA	1	1
Ethylbenzene	ND	*0.230*	ND	*1.00*	02/20/25	KCA	1	
Heptane	ND	*0.244*	ND	*1.00*	02/20/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	02/20/25	KCA	1	
Hexane	ND	*0.284*	ND	*1.00*	02/20/25	KCA	1	
Isooctane	ND	*0.215*	ND	*1.00*	02/20/25	KCA	1	
Isopropylalcohol	0.476	*0.407*	1.17	*1.00*	02/20/25	KCA	1	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	02/20/25	KCA	1	
m,p-Xylene	0.579	*0.230*	2.51	*1.00*	02/20/25	KCA	1	
Methyl Ethyl Ketone	ND	*0.339*	ND	*1.00*	02/20/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	02/20/25	KCA	1	
Methylene Chloride	ND	*0.863*	ND	*3.00*	02/20/25	KCA	1	
Naphthalene	ND	*0.200*	ND	*1.05*	02/20/25	KCA	1	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	02/20/25	KCA	1	1
o-Xylene	0.300	*0.230*	1.30	*1.00*	02/20/25	KCA	1	
Propylene	ND	*0.581*	ND	*1.00*	02/20/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	02/20/25	KCA	1	1
Styrene	ND	*0.235*	ND	*1.00*	02/20/25	KCA	1	
Tetrachloroethene	ND	*0.037*	ND	*0.25*	02/20/25	KCA	1	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	02/20/25	KCA	1	1
Toluene	0.591	*0.266*	2.23	*1.00*	02/20/25	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	02/20/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	02/20/25	KCA	1	
Trichloroethene	ND	*0.037*	ND	*0.20*	02/20/25	KCA	1	
Trichlorofluoromethane	0.217	*0.178*	1.22	*1.00*	02/20/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	ND	*1.00*	02/20/25	KCA	1	
Vinyl Chloride	ND	*0.078*	ND	*0.20*	02/20/25	KCA	1	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	104	*%*	104	*%*	02/20/25	KCA	1	
% IS-1,4-Difluorobenzene	98	*%*	98	*%*	02/20/25	KCA	1	
% IS-Bromochloromethane	99	*%*	99	*%*	02/20/25	KCA	1	
% IS-Chlorobenzene-d5	95	*%*	95	*%*	02/20/25	KCA	1	

Ver 1

Project ID: A721 BKNY
Client ID: IA-2

Phoenix I.D.: CS66590

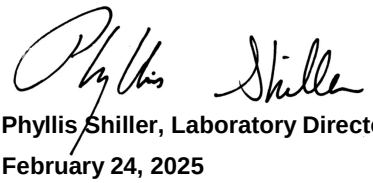
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

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 (preceeded 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
February 24, 2025
Reviewed and Released by: Anil Makol, Project Manager

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

NY # 11301

Analysis Report

February 24, 2025

FOR: Attn: Mr Jason Stewart
JBS
228 Park Ave S PMB 36418
NY, NY 1003-1502

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RI	02/18/25	15:20
Location Code:	JBS	Received by:	B	02/20/25	19:04
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	49204				

Laboratory Data

SDG ID: GCS66589
Phoenix ID: CS66592

Project ID: A721 BKNY
Client ID: SS-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.729*	ND	*5.00*	02/20/25	KCA	5	1
1,1,1-Trichloroethane	1.13	*0.917*	6.16	*5.00*	02/20/25	KCA	5	
1,1,2,2-Tetrachloroethane	ND	*0.729*	ND	*5.00*	02/20/25	KCA	5	
1,1,2-Trichloroethane	ND	*0.917*	ND	*5.00*	02/20/25	KCA	5	
1,1-Dichloroethane	ND	*1.24*	ND	*5.02*	02/20/25	KCA	5	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	02/20/25	KCA	5	
1,2,4-Trichlorobenzene	ND	*0.674*	ND	*5.00*	02/20/25	KCA	5	
1,2,4-Trimethylbenzene	ND	*1.02*	ND	*5.01*	02/20/25	KCA	5	
1,2-Dibromoethane(EDB)	ND	*0.651*	ND	*5.00*	02/20/25	KCA	5	
1,2-Dichlorobenzene	ND	*0.832*	ND	*5.00*	02/20/25	KCA	5	
1,2-Dichloroethane	ND	*1.24*	ND	*5.02*	02/20/25	KCA	5	
1,2-dichloropropane	ND	*1.08*	ND	*4.99*	02/20/25	KCA	5	
1,2-Dichlorotetrafluoroethane	ND	*0.716*	ND	*5.00*	02/20/25	KCA	5	
1,3,5-Trimethylbenzene	ND	*1.02*	ND	*5.01*	02/20/25	KCA	5	
1,3-Butadiene	ND	*2.26*	ND	*5.00*	02/20/25	KCA	5	
1,3-Dichlorobenzene	ND	*0.832*	ND	*5.00*	02/20/25	KCA	5	
1,4-Dichlorobenzene	ND	*0.832*	ND	*5.00*	02/20/25	KCA	5	
1,4-Dioxane	ND	*1.39*	ND	*5.01*	02/20/25	KCA	5	
2-Hexanone(MBK)	ND	*1.22*	ND	*4.99*	02/20/25	KCA	5	1
4-Ethyltoluene	ND	*1.02*	ND	*5.01*	02/20/25	KCA	5	1
4-Isopropyltoluene	ND	*0.911*	ND	*5.00*	02/20/25	KCA	5	1
4-Methyl-2-pentanone(MIBK)	ND	*1.22*	ND	*4.99*	02/20/25	KCA	5	
Acetone	123	*2.11*	292	*5.01*	02/20/25	KCA	5	
Acrylonitrile	ND	*2.31*	ND	*5.01*	02/20/25	KCA	5	
Benzene	2.85	*1.57*	9.10	*5.01*	02/20/25	KCA	5	
Benzyl chloride	ND	*0.966*	ND	*5.00*	02/20/25	KCA	5	

Project ID: A721 BKNY
Client ID: SS-2

Phoenix I.D.: CS66592

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.747*	ND	*5.00*	02/20/25	KCA	5	
Bromoform	ND	*0.484*	ND	*5.00*	02/20/25	KCA	5	
Bromomethane	ND	*1.29*	ND	*5.01*	02/20/25	KCA	5	
Carbon Disulfide	3.56	*1.61*	11.1	*5.01*	02/20/25	KCA	5	
Carbon Tetrachloride	ND	*0.159*	ND	*1.00*	02/20/25	KCA	5	
Chlorobenzene	ND	*1.09*	ND	*5.01*	02/20/25	KCA	5	
Chloroethane	ND	*1.90*	ND	*5.01*	02/20/25	KCA	5	
Chloroform	2.16	*1.02*	10.5	*4.98*	02/20/25	KCA	5	
Chloromethane	ND	*2.42*	ND	*4.99*	02/20/25	KCA	5	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	02/20/25	KCA	5	
cis-1,3-Dichloropropene	ND	*1.10*	ND	*4.99*	02/20/25	KCA	5	
Cyclohexane	ND	*1.45*	ND	*4.99*	02/20/25	KCA	5	
Dibromochloromethane	ND	*0.587*	ND	*5.00*	02/20/25	KCA	5	
Dichlorodifluoromethane	ND	*1.01*	ND	*4.99*	02/20/25	KCA	5	
Ethanol	16.0	*2.66*	30.1	*5.01*	02/20/25	KCA	5	1
Ethyl acetate	ND	*1.39*	ND	*5.01*	02/20/25	KCA	5	1
Ethylbenzene	ND	*1.15*	ND	*4.99*	02/20/25	KCA	5	
Heptane	20.3	*1.22*	83.1	*5.00*	02/20/25	KCA	5	
Hexachlorobutadiene	ND	*0.469*	ND	*5.00*	02/20/25	KCA	5	
Hexane	33.4	*1.42*	118	*5.00*	02/20/25	KCA	5	
Isooctane	ND	*1.07*	ND	*4.99*	02/20/25	KCA	5	
Isopropylalcohol	ND	*2.04*	ND	*5.01*	02/20/25	KCA	5	
Isopropylbenzene	ND	*1.02*	ND	*5.01*	02/20/25	KCA	5	
m,p-Xylene	ND	*1.15*	ND	*4.99*	02/20/25	KCA	5	
Methyl Ethyl Ketone	6.19	*1.70*	18.2	*5.01*	02/20/25	KCA	5	
Methyl tert-butyl ether(MTBE)	ND	*1.39*	ND	*5.01*	02/20/25	KCA	5	
Methylene Chloride	ND	*4.32*	ND	*15.0*	02/20/25	KCA	5	
Naphthalene	ND	*1.00*	ND	*5.23*	02/20/25	KCA	5	
n-Butylbenzene	ND	*0.911*	ND	*5.00*	02/20/25	KCA	5	1
o-Xylene	ND	*1.15*	ND	*4.99*	02/20/25	KCA	5	
Propylene	ND	*2.91*	ND	*5.01*	02/20/25	KCA	5	1
sec-Butylbenzene	ND	*0.911*	ND	*5.00*	02/20/25	KCA	5	1
Styrene	ND	*1.17*	ND	*4.98*	02/20/25	KCA	5	
Tetrachloroethene	10.6	*0.184*	71.8	*1.25*	02/20/25	KCA	5	
Tetrahydrofuran	ND	*1.70*	ND	*5.01*	02/20/25	KCA	5	1
Toluene	ND	*1.33*	ND	*5.01*	02/20/25	KCA	5	
Trans-1,2-Dichloroethene	ND	*1.26*	ND	*4.99*	02/20/25	KCA	5	
trans-1,3-Dichloropropene	ND	*1.10*	ND	*4.99*	02/20/25	KCA	5	
Trichloroethene	0.675	*0.185*	3.63	*0.99*	02/20/25	KCA	5	
Trichlorofluoromethane	ND	*0.891*	ND	*5.00*	02/20/25	KCA	5	
Trichlorotrifluoroethane	ND	*0.653*	ND	*5.00*	02/20/25	KCA	5	
Vinyl Chloride	ND	*0.390*	ND	*1.00*	02/20/25	KCA	5	
QA/QC Surrogates/Internals								
% Bromofluorobenzene (5x)	103	*%*	103	*%*	02/20/25	KCA	5	
% IS-1,4-Difluorobenzene (5x)	92	*%*	92	*%*	02/20/25	KCA	5	
% IS-Bromochloromethane (5x)	93	*%*	93	*%*	02/20/25	KCA	5	
% IS-Chlorobenzene-d5 (5x)	93	*%*	93	*%*	02/20/25	KCA	5	

Project ID: A721 BKNY
Client ID: SS-2

Phoenix I.D.: CS66592

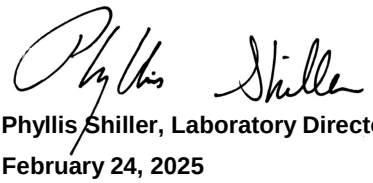
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

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 (preceeded 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
February 24, 2025
Reviewed and Released by: Anil Makol, Project Manager

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

NY # 11301

Analysis Report

February 24, 2025

FOR: Attn: Mr Jason Stewart
JBS
228 Park Ave S PMB 36418
NY, NY 1003-1502

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RI	02/18/25	15:20
Location Code:	JBS	Received by:	B	02/20/25	19:04
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	4624				

Laboratory Data

SDG ID: GCS66589
Phoenix ID: CS66593

Project ID: A721 BKNY
Client ID: SS-3

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.729*	ND	*5.00*	02/20/25	KCA	5	1
1,1,1-Trichloroethane	93.4	*0.917*	509	*5.00*	02/20/25	KCA	5	
1,1,2,2-Tetrachloroethane	ND	*0.729*	ND	*5.00*	02/20/25	KCA	5	
1,1,2-Trichloroethane	ND	*0.917*	ND	*5.00*	02/20/25	KCA	5	
1,1-Dichloroethane	56.4	*1.24*	228	*5.02*	02/20/25	KCA	5	
1,1-Dichloroethene	0.700	*0.252*	2.77	*1.00*	02/20/25	KCA	5	
1,2,4-Trichlorobenzene	ND	*0.674*	ND	*5.00*	02/20/25	KCA	5	
1,2,4-Trimethylbenzene	17.3	*1.02*	85.0	*5.01*	02/20/25	KCA	5	
1,2-Dibromoethane(EDB)	ND	*0.651*	ND	*5.00*	02/20/25	KCA	5	
1,2-Dichlorobenzene	2.91	*0.832*	17.5	*5.00*	02/20/25	KCA	5	
1,2-Dichloroethane	ND	*1.24*	ND	*5.02*	02/20/25	KCA	5	
1,2-dichloropropane	ND	*1.08*	ND	*4.99*	02/20/25	KCA	5	
1,2-Dichlorotetrafluoroethane	ND	*0.716*	ND	*5.00*	02/20/25	KCA	5	
1,3,5-Trimethylbenzene	4.56	*1.02*	22.4	*5.01*	02/20/25	KCA	5	
1,3-Butadiene	ND	*2.26*	ND	*5.00*	02/20/25	KCA	5	
1,3-Dichlorobenzene	ND	*0.832*	ND	*5.00*	02/20/25	KCA	5	
1,4-Dichlorobenzene	ND	*0.832*	ND	*5.00*	02/20/25	KCA	5	
1,4-Dioxane	1.40	*1.39*	5.04	*5.01*	02/20/25	KCA	5	
2-Hexanone(MBK)	ND	*1.22*	ND	*4.99*	02/20/25	KCA	5	1
4-Ethyltoluene	6.33	*1.02*	31.1	*5.01*	02/20/25	KCA	5	1
4-Isopropyltoluene	3.88	*0.911*	21.3	*5.00*	02/20/25	KCA	5	1
4-Methyl-2-pentanone(MIBK)	4.49	*1.22*	18.4	*4.99*	02/20/25	KCA	5	
Acetone	852	*75.8*	2020	*180*	02/21/25	KCA	180	
Acrylonitrile	ND	*2.31*	ND	*5.01*	02/20/25	KCA	5	
Benzene	5.68	*1.57*	18.1	*5.01*	02/20/25	KCA	5	
Benzyl chloride	ND	*0.966*	ND	*5.00*	02/20/25	KCA	5	

Project ID: A721 BKNY
Client ID: SS-3

Phoenix I.D.: CS66593

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.747*	ND	*5.00*	02/20/25	KCA	5	
Bromoform	ND	*0.484*	ND	*5.00*	02/20/25	KCA	5	
Bromomethane	ND	*1.29*	ND	*5.01*	02/20/25	KCA	5	
Carbon Disulfide	7.46	*1.61*	23.2	*5.01*	02/20/25	KCA	5	
Carbon Tetrachloride	ND	*0.159*	ND	*1.00*	02/20/25	KCA	5	
Chlorobenzene	ND	*1.09*	ND	*5.01*	02/20/25	KCA	5	
Chloroethane	ND	*1.90*	ND	*5.01*	02/20/25	KCA	5	
Chloroform	1.11	*1.02*	5.42	*4.98*	02/20/25	KCA	5	
Chloromethane	ND	*2.42*	ND	*4.99*	02/20/25	KCA	5	
Cis-1,2-Dichloroethene	128	*0.252*	507	*1.00*	02/20/25	KCA	5	
cis-1,3-Dichloropropene	ND	*1.10*	ND	*4.99*	02/20/25	KCA	5	
Cyclohexane	ND	*1.45*	ND	*4.99*	02/20/25	KCA	5	
Dibromochloromethane	ND	*0.587*	ND	*5.00*	02/20/25	KCA	5	
Dichlorodifluoromethane	ND	*1.01*	ND	*4.99*	02/20/25	KCA	5	
Ethanol	45.0	*2.66*	84.7	*5.01*	02/20/25	KCA	5	1
Ethyl acetate	ND	*1.39*	ND	*5.01*	02/20/25	KCA	5	1
Ethylbenzene	4.01	*1.15*	17.4	*4.99*	02/20/25	KCA	5	
Heptane	6.47	*1.22*	26.5	*5.00*	02/20/25	KCA	5	
Hexachlorobutadiene	ND	*0.469*	ND	*5.00*	02/20/25	KCA	5	
Hexane	5.31	*1.42*	18.7	*5.00*	02/20/25	KCA	5	
Isooctane	ND	*1.07*	ND	*4.99*	02/20/25	KCA	5	
Isopropylalcohol	31.2	*2.04*	76.6	*5.01*	02/20/25	KCA	5	
Isopropylbenzene	ND	*1.02*	ND	*5.01*	02/20/25	KCA	5	
m,p-Xylene	13.4	*1.15*	58.1	*4.99*	02/20/25	KCA	5	
Methyl Ethyl Ketone	60.8	*1.70*	179	*5.01*	02/20/25	KCA	5	
Methyl tert-butyl ether(MTBE)	ND	*1.39*	ND	*5.01*	02/20/25	KCA	5	
Methylene Chloride	ND	*4.32*	ND	*15.0*	02/20/25	KCA	5	
Naphthalene	4.44	*1.00*	23.2	*5.23*	02/20/25	KCA	5	
n-Butylbenzene	ND	*0.911*	ND	*5.00*	02/20/25	KCA	5	1
o-Xylene	8.74	*1.15*	37.9	*4.99*	02/20/25	KCA	5	
Propylene	21.9	*2.91*	37.7	*5.01*	02/20/25	KCA	5	1
sec-Butylbenzene	ND	*0.911*	ND	*5.00*	02/20/25	KCA	5	1
Styrene	ND	*1.17*	ND	*4.98*	02/20/25	KCA	5	
Tetrachloroethene	4350	*6.64*	29500	*45.0*	02/21/25	KCA	180	
Tetrahydrofuran	ND	*1.70*	ND	*5.01*	02/20/25	KCA	5	1
Toluene	15.4	*1.33*	58.0	*5.01*	02/20/25	KCA	5	
Trans-1,2-Dichloroethene	9.15	*1.26*	36.3	*4.99*	02/20/25	KCA	5	
trans-1,3-Dichloropropene	ND	*1.10*	ND	*4.99*	02/20/25	KCA	5	
Trichloroethene	91.2	*0.185*	490	*0.99*	02/20/25	KCA	5	
Trichlorofluoromethane	ND	*0.891*	ND	*5.00*	02/20/25	KCA	5	
Trichlorotrifluoroethane	ND	*0.653*	ND	*5.00*	02/20/25	KCA	5	
Vinyl Chloride	ND	*0.390*	ND	*1.00*	02/20/25	KCA	5	
QA/QC Surrogates/Internals								
% Bromofluorobenzene (5x)	116	*%*	116	*%*	02/20/25	KCA	5	
% IS-1,4-Difluorobenzene (5x)	91	*%*	91	*%*	02/20/25	KCA	5	
% IS-Bromochloromethane (5x)	89	*%*	89	*%*	02/20/25	KCA	5	
% IS-Chlorobenzene-d5 (5x)	91	*%*	91	*%*	02/20/25	KCA	5	
% Bromofluorobenzene (180x)	102	*%*	102	*%*	02/21/25	KCA	180	
% IS-1,4-Difluorobenzene (180x)	103	*%*	103	*%*	02/21/25	KCA	180	

Ver 1

Project ID: A721 BKNY
Client ID: SS-3

Phoenix I.D.: CS66593

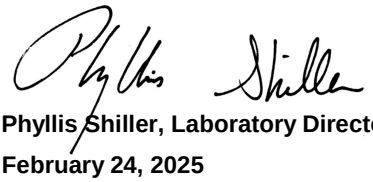
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
% IS-Bromochloromethane (180x)	105	%	105	%	02/21/25	KCA	180
% IS-Chlorobenzene-d5 (180x)	96	%	96	%	02/21/25	KCA	180

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 (preceeded 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
February 24, 2025
Reviewed and Released by: Anil Makol, Project Manager

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

NY # 11301

Analysis Report

February 24, 2025

FOR: Attn: Mr Jason Stewart
JBS
228 Park Ave S PMB 36418
NY, NY 1003-1502

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RI	02/18/25	15:00
Location Code:	JBS	Received by:	B	02/20/25	19:04
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	13640				

Laboratory Data

SDG ID: GCS66589
Phoenix ID: CS66594

Project ID: A721 BKNY
Client ID: SS-4

Parameter	ppbv Result		ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND		*0.729*	ND	*5.00*	02/20/25	KCA	5	1
1,1,1-Trichloroethane	ND		*0.917*	ND	*5.00*	02/20/25	KCA	5	
1,1,2,2-Tetrachloroethane	ND		*0.729*	ND	*5.00*	02/20/25	KCA	5	
1,1,2-Trichloroethane	ND		*0.917*	ND	*5.00*	02/20/25	KCA	5	
1,1-Dichloroethane	ND		*1.24*	ND	*5.02*	02/20/25	KCA	5	
1,1-Dichloroethene	ND		*0.252*	ND	*1.00*	02/20/25	KCA	5	
1,2,4-Trichlorobenzene	ND		*0.674*	ND	*5.00*	02/20/25	KCA	5	
1,2,4-Trimethylbenzene	6.57		*1.02*	32.3	*5.01*	02/20/25	KCA	5	
1,2-Dibromoethane(EDB)	ND		*0.651*	ND	*5.00*	02/20/25	KCA	5	
1,2-Dichlorobenzene	ND		*0.832*	ND	*5.00*	02/20/25	KCA	5	
1,2-Dichloroethane	ND		*1.24*	ND	*5.02*	02/20/25	KCA	5	
1,2-dichloropropane	ND		*1.08*	ND	*4.99*	02/20/25	KCA	5	
1,2-Dichlorotetrafluoroethane	ND		*0.716*	ND	*5.00*	02/20/25	KCA	5	
1,3,5-Trimethylbenzene	3.76		*1.02*	18.5	*5.01*	02/20/25	KCA	5	
1,3-Butadiene	ND		*2.26*	ND	*5.00*	02/20/25	KCA	5	
1,3-Dichlorobenzene	ND		*0.832*	ND	*5.00*	02/20/25	KCA	5	
1,4-Dichlorobenzene	ND		*0.832*	ND	*5.00*	02/20/25	KCA	5	
1,4-Dioxane	ND		*1.39*	ND	*5.01*	02/20/25	KCA	5	
2-Hexanone(MBK)	ND		*1.22*	ND	*4.99*	02/20/25	KCA	5	1
4-Ethyltoluene	3.25		*1.02*	16.0	*5.01*	02/20/25	KCA	5	1
4-Isopropyltoluene	1.06		*0.911*	5.82	*5.00*	02/20/25	KCA	5	1
4-Methyl-2-pentanone(MIBK)	ND		*1.22*	ND	*4.99*	02/20/25	KCA	5	
Acetone	306	E	*2.11*	726	*5.01*	02/20/25	KCA	5	
Acrylonitrile	ND		*2.31*	ND	*5.01*	02/20/25	KCA	5	
Benzene	2.38		*1.57*	7.60	*5.01*	02/20/25	KCA	5	
Benzyl chloride	ND		*0.966*	ND	*5.00*	02/20/25	KCA	5	

Project ID: A721 BKNY
Client ID: SS-4

Phoenix I.D.: CS66594

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.747*	ND	*5.00*	02/20/25	KCA	5	
Bromoform	ND	*0.484*	ND	*5.00*	02/20/25	KCA	5	
Bromomethane	ND	*1.29*	ND	*5.01*	02/20/25	KCA	5	
Carbon Disulfide	2.52	*1.61*	7.84	*5.01*	02/20/25	KCA	5	
Carbon Tetrachloride	ND	*0.159*	ND	*1.00*	02/20/25	KCA	5	
Chlorobenzene	ND	*1.09*	ND	*5.01*	02/20/25	KCA	5	
Chloroethane	ND	*1.90*	ND	*5.01*	02/20/25	KCA	5	
Chloroform	1.34	*1.02*	6.54	*4.98*	02/20/25	KCA	5	
Chloromethane	ND	*2.42*	ND	*4.99*	02/20/25	KCA	5	
Cis-1,2-Dichloroethene	0.770	*0.252*	3.05	*1.00*	02/20/25	KCA	5	
cis-1,3-Dichloropropene	ND	*1.10*	ND	*4.99*	02/20/25	KCA	5	
Cyclohexane	ND	*1.45*	ND	*4.99*	02/20/25	KCA	5	
Dibromochloromethane	ND	*0.587*	ND	*5.00*	02/20/25	KCA	5	
Dichlorodifluoromethane	ND	*1.01*	ND	*4.99*	02/20/25	KCA	5	
Ethanol	55.4	*2.66*	104	*5.01*	02/20/25	KCA	5	1
Ethyl acetate	ND	*1.39*	ND	*5.01*	02/20/25	KCA	5	1
Ethylbenzene	ND	*1.15*	ND	*4.99*	02/20/25	KCA	5	
Heptane	1.67	*1.22*	6.84	*5.00*	02/20/25	KCA	5	
Hexachlorobutadiene	ND	*0.469*	ND	*5.00*	02/20/25	KCA	5	
Hexane	2.76	*1.42*	9.7	*5.00*	02/20/25	KCA	5	
Isooctane	ND	*1.07*	ND	*4.99*	02/20/25	KCA	5	
Isopropylalcohol	ND	*2.04*	ND	*5.01*	02/20/25	KCA	5	
Isopropylbenzene	ND	*1.02*	ND	*5.01*	02/20/25	KCA	5	
m,p-Xylene	4.05	*1.15*	17.6	*4.99*	02/20/25	KCA	5	
Methyl Ethyl Ketone	18.5	*1.70*	54.5	*5.01*	02/20/25	KCA	5	
Methyl tert-butyl ether(MTBE)	ND	*1.39*	ND	*5.01*	02/20/25	KCA	5	
Methylene Chloride	ND	*4.32*	ND	*15.0*	02/20/25	KCA	5	
Naphthalene	11.1	*1.00*	58.1	*5.23*	02/20/25	KCA	5	
n-Butylbenzene	ND	*0.911*	ND	*5.00*	02/20/25	KCA	5	1
o-Xylene	2.46	*1.15*	10.7	*4.99*	02/20/25	KCA	5	
Propylene	24.3	*2.91*	41.8	*5.01*	02/20/25	KCA	5	1
sec-Butylbenzene	ND	*0.911*	ND	*5.00*	02/20/25	KCA	5	1
Styrene	ND	*1.17*	ND	*4.98*	02/20/25	KCA	5	
Tetrachloroethene	62.6	*0.184*	424	*1.25*	02/20/25	KCA	5	
Tetrahydrofuran	ND	*1.70*	ND	*5.01*	02/20/25	KCA	5	1
Toluene	2.58	*1.33*	9.7	*5.01*	02/20/25	KCA	5	
Trans-1,2-Dichloroethene	ND	*1.26*	ND	*4.99*	02/20/25	KCA	5	
trans-1,3-Dichloropropene	ND	*1.10*	ND	*4.99*	02/20/25	KCA	5	
Trichloroethene	0.965	*0.185*	5.18	*0.99*	02/20/25	KCA	5	
Trichlorofluoromethane	ND	*0.891*	ND	*5.00*	02/20/25	KCA	5	
Trichlorotrifluoroethane	ND	*0.653*	ND	*5.00*	02/20/25	KCA	5	
Vinyl Chloride	ND	*0.390*	ND	*1.00*	02/20/25	KCA	5	
QA/QC Surrogates/Internals								
% Bromofluorobenzene (5x)	106	*%*	106	*%*	02/20/25	KCA	5	
% IS-1,4-Difluorobenzene (5x)	93	*%*	93	*%*	02/20/25	KCA	5	
% IS-Bromochloromethane (5x)	93	*%*	93	*%*	02/20/25	KCA	5	
% IS-Chlorobenzene-d5 (5x)	98	*%*	98	*%*	02/20/25	KCA	5	

Project ID: A721 BKNY
Client ID: SS-4

Phoenix I.D.: CS66594

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

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 (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

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.
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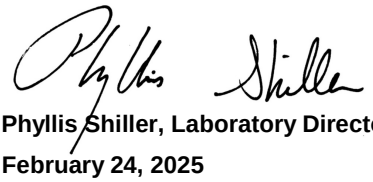

Phyllis Shiller, Laboratory Director
February 24, 2025
Reviewed and Released by: Anil Makol, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Canister Sampling Information

February 24, 2025

FOR: Attn: Mr Jason Stewart
JBS
228 Park Ave S PMB 36418
NY, NY 1003-1502

Location Code: JBS

SDG I.D.: GCS66589

Project ID: A721 BKNY

						Laboratory					Field			
Client Id	Lab Id	Canister Id	Canister Type	Reg. Id	Chk Out Date	Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
SS-1	CS66589	13644	6.0L	4966	02/18/25	-30	-6	22.1	22.6	2.2	-30	-9	02/18/25 11:40	02/18/25 15:10
IA-2	CS66590	17158	6.0L	10571	02/18/25	-30	-9	22	22.1	0.5	-30	-4	02/18/25 12:00	02/18/25 15:20
SS-2	CS66592	49204	6.0L	6986	02/18/25	-30	-6	22.1	24.6	10.7	-30	-10	02/18/25 11:50	02/18/25 15:20
SS-3	CS66593	4624	6.0L	4993	02/18/25	-30	-7	22.9	24.3	5.9	-30	-10	02/18/25 12:00	02/18/25 15:00
SS-4	CS66594	13640	6.0L	5653	02/18/25	-30	-9	22.3	24	7.3	-30	-10	02/18/25 12:00	02/18/25 15:00

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

February 24, 2025

QA/QC Data

SDG I.D.: GCS66589

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 771820 (ppbv), QC Sample No: CS66590 (CS66589 (5X) , CS66590, CS66592 (5X) , CS66593 (5X, 180X) , CS66594 (5X))												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.150	ND	1.03	104	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.180	ND	0.98	111	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.150	ND	1.03	106	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.180	ND	0.98	108	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.250	ND	1.01	107	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.050	ND	0.20	103	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.130	ND	0.96	147	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.200	ND	0.98	114	1.69	1.72	0.343	0.351	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.170	ND	1.02	122	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.250	ND	1.01	102	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.220	ND	1.02	106	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.140	ND	0.98	99	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.200	ND	0.98	116	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.450	ND	0.99	92	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.170	ND	1.02	122	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.170	ND	1.02	120	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.280	ND	1.01	103	ND	ND	ND	ND	NC	70 - 130	25
2,2,4-Trimethylpentane	ND	0.210	ND	0.98	103	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.240	ND	0.98	108	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.200	ND	0.98	111	1.47	1.46	0.300	0.297	NC	70 - 130	25
4-Isopropyltoluene	ND	0.180	ND	0.99	105	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.240	ND	0.98	104	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.420	ND	1.00	99	4.82	4.89	2.03	2.06	NC	70 - 130	25
Acrylonitrile	ND	0.460	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.310	ND	0.99	110	1.52	1.57	0.477	0.493	NC	70 - 130	25
Benzyl chloride	ND	0.190	ND	0.98	117	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.150	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	118	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.260	ND	1.01	87	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.320	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.032	ND	0.20	116	0.52	0.54	0.083	0.086	NC	70 - 130	25
Chlorobenzene	ND	0.220	ND	1.01	103	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.380	ND	1.00	90	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.200	ND	0.98	108	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.480	ND	0.99	99	1.20	1.20	0.583	0.583	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.050	ND	0.20	105	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.290	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.120	ND	1.02	115	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCS66589

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits	
Dichlorodifluoromethane	ND	0.200	ND	0.99	114	2.37	2.49	0.479	0.503	NC	70 - 130	25	
Ethanol	ND	0.530	ND	1.00	86	4.86	4.84	2.58	2.57	NC	70 - 130	25	
Ethyl acetate	ND	0.280	ND	1.01	133	ND	ND	ND	ND	NC	70 - 130	25	I
Ethylbenzene	ND	0.230	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	25	
Heptane	ND	0.240	ND	0.98	105	ND	ND	ND	ND	NC	70 - 130	25	
Hexachlorobutadiene	ND	0.094	ND	1.00	164	ND	ND	ND	ND	NC	70 - 130	25	I
Hexane	ND	0.280	ND	0.99	108	ND	ND	ND	ND	NC	70 - 130	25	
Isopropylalcohol	ND	0.410	ND	1.01	99	1.17	1.10	0.476	0.446	NC	70 - 130	25	
Isopropylbenzene	ND	0.200	ND	0.98	105	ND	ND	ND	ND	NC	70 - 130	25	
m,p-Xylene	ND	0.230	ND	1.00	110	2.51	2.64	0.579	0.608	NC	70 - 130	25	
Methyl Ethyl Ketone	ND	0.340	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25	
Methyl tert-butyl ether(MTBE)	ND	0.280	ND	1.01	107	ND	ND	ND	ND	NC	70 - 130	25	
Methylene Chloride	ND	0.860	ND	2.99	97	ND	ND	ND	ND	NC	70 - 130	25	
Naphthalene	ND	0.200	ND	1.05	148	ND	ND	ND	ND	NC	70 - 130	25	I
n-Butylbenzene	ND	0.180	ND	0.99	114	ND	ND	ND	ND	NC	70 - 130	25	
o-Xylene	ND	0.230	ND	1.00	106	1.30	1.31	0.300	0.302	NC	70 - 130	25	
Propylene	ND	0.580	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25	
sec-Butylbenzene	ND	0.180	ND	0.99	102	ND	ND	ND	ND	NC	70 - 130	25	
Styrene	ND	0.230	ND	0.98	114	ND	ND	ND	ND	NC	70 - 130	25	
Tetrachloroethene	ND	0.037	ND	0.25	108	ND	ND	ND	ND	NC	70 - 130	25	
Tetrahydrofuran	ND	0.340	ND	1.00	112	ND	ND	ND	ND	NC	70 - 130	25	
Toluene	ND	0.270	ND	1.02	108	2.23	2.32	0.591	0.615	NC	70 - 130	25	
Trans-1,2-Dichloroethene	ND	0.250	ND	0.99	104	ND	ND	ND	ND	NC	70 - 130	25	
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25	
Trichloroethene	ND	0.037	ND	0.20	103	ND	ND	ND	ND	NC	70 - 130	25	
Trichlorofluoromethane	ND	0.180	ND	1.01	105	1.22	1.26	0.217	0.225	NC	70 - 130	25	
Trichlorotrifluoroethane	ND	0.130	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25	
Vinyl Chloride	ND	0.078	ND	0.20	97	ND	ND	ND	ND	NC	70 - 130	25	
% Bromofluorobenzene	93	%	93	%	104	104	104	104	104	NC	70 - 130	25	
% IS-1,4-Difluorobenzene	108	%	108	%	96	98	94	98	94	NC	60 - 140	25	
% IS-Bromochloromethane	109	%	109	%	93	99	96	99	96	NC	60 - 140	25	
% IS-Chlorobenzene-d5	106	%	106	%	104	95	90	95	90	NC	60 - 140	25	

I = This parameter is outside laboratory LCS/LCSD 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
February 24, 2025

Monday, February 24, 2025

Criteria: NY: AIRIA, AIRSV

State: NY

Sample Criteria Exceedances Report

GCS66589 - JBS

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CS66590	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.083	0.032	0.032	0.032	ppbv
CS66593	$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Sub-Slab Vapor	91.2	0.185	1.12	1.12	ppbv
CS66593	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Sub-Slab Vapor	4350	6.64	14.8	14.8	ppbv
CS66593	$AIR_NYTO15	Cis-1,2-Dichloroethene	NY / Air Guideline Values / Sub-Slab Vapor	128	0.252	1.51	1.51	ppbv
CS66593	$AIR_NYTO15	1,1,1-Trichloroethane	NY / Air Guideline Values / Sub-Slab Vapor	93.4	0.917	18.3	18.3	ppbv
CS66594	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Sub-Slab Vapor	62.6	0.184	14.8	14.8	ppbv

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

February 24, 2025 SDG I.D.: GCS66589

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

CHAIN OF CUSTODY RECORD
AIR ANALYSES

PHOENIX Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823
JBS

860-645-1102
email: greg@phoenixlabs.com

P.O. #

Data Delivery:
☐ Fax #:
☐ Email: jason@jbs.engineering
☐ Phone #:

Report to:	Jason Stewart	Project Name:	A721 BKNY	Data Format: (Circle) Equis Excel Other:	
Customer:	JBS	Invoice to:	Jason Stewart	Requested Deliverable: RCP ASP CAT B	
Address:	228 Park Ave S PMB 36418			MCP NJ Deliverables	
16950	NY, NY 1003-1502	Sampled by:	Ryan Izidro	Quote Number:	

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-15	APH
		THIS SECTION FOR LAB USE ONLY											MATRIX			ANALYSES	
606589	SS-1	13644	6.0L	-30	-6	4966	22.1	11:40	15:00	2/18	-30	-4		X		X	
606590	IA-2	17158	6.0L	-30	-9	10571	22	12:00	15:20	2/18	-30	-4	X			X	
606591	IA-1	49210	6.0L	-30	-30	6977	22.2	12	15:20	2/18	-30	-4	X			X	
		461	6.0L*	-30		6984	22										
606592	SS-2	49204	6.0L	-30	-6	6986	22.1	11:50	15:00	2/18	-30	-10		X		X	
606593	SS-3	4624	6.0L	-30	-7	4993	22.9	12:00	15:20	2/18	-30	-10		X		X	
606594	SS-4	13640	6.0L	-30	-9	5653	22.3	12:30	15:00	2/18	-30	-10		X		X	

Relinquished by:	Accepted by:	Date:	Time:
		2.20.2025	1208
Dan Leonard	Dan Leonard	2/20/25	5:30

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:

Signature: _____ Date: _____

State Where Samples Collected: _____

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

(7) - 6.0L 4 hr , 21ft Tubing, 7 Connectors

*Rec Unused CD.

Turnaround Time:
- ☐ 1 Day*
- ☐ 2 Day*
- ☐ 3 Day*
- ☐ 4 Day*
- ☐ 5 Day*
- ☐ Standard

*SURCHARGES MAY APPLY

Requested Criteria: (Please Circle)

CT:	MA:	NJ:	NY:	PA:	VT:
TAC I/C TAC RES SVVC I/C SVVC RES GWV I/C GWV CES	**Indoor Air:** Residential Ind/Commercial **Soil Gas:** Residential Ind/Commercial	**Indoor Air:** Residential Ind/Commercial **Soil Gas:** Residential Ind/Commercial	Vapor Intrusion	**Indoor Air** Residential Non-residential	**Indoor Air** Residential Industrial **Sub-slab** Residential Industrial

Greg Lawrence

From: Greg Lawrence
Sent: Friday, February 21, 2025 4:11 PM
To: jasons@jbs.engineering
Subject: A721BKNY
Attachments: GCS66589-ChainofCustody-1.pdf

Good afternoon,

Sample ID IA-1, Lab ID CS66591 on the attached COC was received under full vacuum at -30" of Hg. This means no sample was collected, and no results can be reported from this sampling point.

Gregory Lawrence
Assistant Laboratory Director
Phoenix Environmental Laboratories, Inc.
587 East Middle Turnpike | Manchester, CT 06040
Direct Line: (860)-812-0812
www.phoenixlabs.com