

November 12, 2025

Zelig Weiss
AZW Realty LLC

Re: *Phase II Subsurface Investigation Report*
1029-1035 Atlantic Avenue, Brooklyn, New York 11238
Block 2020, Lots 89 and 86

To Whom It May Concern,

Brussee Environmental Corp. (BEC) has prepared the following Phase II Subsurface Investigation Report to summarize the findings of the ground penetrating radar survey, and soil and soil gas sampling performed at the 1029-1035 Atlantic Avenue Site in October 2025. This Phase II Subsurface Investigation was performed in accordance with the scope of work prepared by BEC within the proposal dated August 13, 2025, and recommendations made within the Phase I Environmental Site Assessment Report (Phase I) prepared by BEC in August 2025.

Property Description

The Site is located at 1029-1035 Atlantic Avenue, Brooklyn, New York and is identified as Block 2020, Lots 89 and 86 on the New York City Tax Map (Figure 1). Lot 89 is a rectangular-shaped lot consisting of 65 feet of street frontage along Atlantic Avenue, which extends 119 feet to the rear for a total of 7,735 ft². Lot 89 is currently developed with a 1-story commercial building with a partial cellar. Lot 86 is a rectangular-shaped lot consisting of 67.25 feet of street frontage along Atlantic Avenue, which extends 119 feet to the rear for a total of 7,800 ft². Lot 86 is currently developed with a 1-story commercial building with a partial cellar.

Background

The Phase I prepared by BEC in August 2025 was able to establish a history for the property dating back to 1887. According to a review of NYC records, Sanborn maps, aerial photographs, historic city directories, and historic topographic maps, as well as personal interviews, the subject property was developed with several 1- and 2-story structures by at least 1888, including a stable, a carriage factory, a small office and multiple small outbuildings. By the late 1900s, western portions remained developed with a 2-story stable building. Eastern portions were developed with several interconnected 1- and 2-story structures identified as the Glidden Scaffolding & Rigging Co. By 1932, western portions were developed with a 2-story garage building. Eastern portions were developed with a 1-story building identified as a garage (west) and an auto sales & service facility (east). The west building occupied the entire footprint of its parcel, with a small rear yard/alleyway at the north side of the eastern building. By the early-1950s, the western parcel was developed with a 1-story auto service facility and the eastern building identified as a sign manufacturer. The west building was occupied by an auto repair and paint shop by the early 1960s and a toy manufacturer by 1965. By the mid-1970s, the west building was occupied by an auto repair shop and the east building occupied by a warehouse. City directory listings revealed the western building was occupied by an auto service facility or muffler repair shop from the mid-1970s through 2020. Listings for the eastern building include auto repair shops, a sheet metal company and a restaurant equipment supply also from the 1970s through 2020.

- Information obtained from various historic sources revealed that the subject property has historically been utilized for commercial/industrial purposes, including auto sales/service facilities, auto/auto body repair, garages, and various manufacturing operations. While no specific environmental issue was identified based upon a review of regulatory database records, there is a potential for historic operations at the subject property to have impacted the subsurface. Therefore, the historic use of the subject property, including the potential presence of out-of-service hydraulic vehicle lifts, is considered a REC.
- The eastern adjacent property (1045-1065 Atlantic Avenue) is listed on the NY BROWNFIELDS and several other regulatory agency databases. This property was historically utilized for various commercial/industrial uses, including auto repair, warehousing, petroleum delivery, and auto painting. Soil/fill materials were impacted with volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and metals. Groundwater and soil vapor were impacted with VOCs. Remediation and redevelopment of this property have been completed with the NYSDEC issuing a Notice of Completion in December 2024. Residual contamination is being addressed under a Site Management Plan (SMP) with engineering and institutional

controls in-place. According to site personnel, several soil borings were reportedly conducted within the 1035 Atlantic Avenue building; however, no sampling data was provided. In addition, no sampling data specific to the subject property was identified during a review of documents available on the NYSDEC website. Although this property was issued a Certificate of Completion by the NYSDEC, given the documented presence of soil vapor impacts in close proximity to the subject property and the absence of soil vapor data for the subject property, there is a potential for soil vapor and indoor air at the subject property to be impacted by contaminants migrating from this property. As such, the eastern adjacent BROWNFIELDS site is considered a REC.

Based upon the above findings and conclusions, The BEC Phase I Report recommended the following:

- A geophysical survey (e.g., magnetometer and/or ground penetrating radar survey) should be conducted in the vicinity of the suspected hydraulic lift equipment (1029 Atlantic Avenue) to confirm their presence/location, as well as the configurations of existing underground utilities in advance of a soil boring program. Any identified geophysical anomalies should be further investigated through the excavation of test pits, with soil samples collected for laboratory analysis as warranted.
- To evaluate potential impacts related to the historic use of the subject property, including the suspect in-ground hydraulic lift equipment, and/or documented impacts associated with the eastern adjacent property (NY BROWNFIELDS site), a subsurface investigation should be performed. At a minimum, the investigation should include the installation of soil borings with the collection of representative samples for laboratory analysis to document subsurface conditions and determine the nature and extent of contamination (if present). Since the subject property also has an E-Designation for hazardous materials there is an option to conduct a due diligence Phase II or a more extensive investigation to satisfy the E-Designation requirements in conjunction with the re-development of the subject property.

Subsurface Investigation

The subsurface investigation performed by BEC on October 27, 2025, consisted of a ground penetrating radar (GPR) survey, and the installation of eight soil borings (SB1 through SB8) to collect eight soil samples, and the installation of three soil gas implants (SV1 through SV3) to collect three soil gas samples for laboratory analysis.

Geophysical Survey

Coastal Environmental Solutions, Inc. (Coastal) performed the GPR survey within all accessible areas of the cellar on October 27, 2025. The GPR survey did not identify any anomalies indicative of an underground storage tank.

Soil Borings

Coastal performed eight soil borings (SB1 through SB8) across the Site in the approximate locations shown on Figure 2. All soil borings were performed utilizing a track mounted GeoProbe™ 420M with direct push technology. Soil borings SB1-SB3, and SB5-SB8 were performed to a depth of approximately 10 ft across the Site. Soil boring SB4 was performed to a depth of approximately 10ft, adjacent to the hydraulic lifts. Retrieved sample cores were characterized by an Environmental Professional (EP) and field screened for the presence of VOCs using a photo-ionization detector (PID). No visual or olfactory evidence of contamination was encountered for any of the soil recovered from the soil borings. Therefore, BEC retained soil samples from the historic fill layer in the 0-2ft interval for each soil boring.

Historic fill material consisting of demolition debris (brick/concrete) and was encountered to depths varying between 1 to 6 ft below grade across the Site. A native brown silt with trace amounts of fine sand was encountered below the fill layer in Lot 89. A native brown medium to coarse brown sand was encountered below the fill layer in Lot 86. Groundwater is expected at approximately 65 ft below grade and therefore was not encountered in any of the soil borings. Soil boring logs are included in the attached Appendix A.

The soil samples were appropriately packaged in laboratory provided containers, placed in coolers and shipped via laboratory dispatched courier for delivery to Phoenix Environmental Laboratories, Inc. (Phoenix) of 587 East Middle Turnpike, Manchester, CT 06040, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11301). All eight soil samples were analyzed for VOCs by USEPA Method 8260 SVOCs by USEPA Method 8270, PCBs by USEPA Method 8082 (for SB4 (0-2') only) and TAL Metals by USEPA Method 6010.

Soil Vapor Sampling

Coastal installed three soil gas implants (SV1 through SV3) in the approximate locations shown on Figure 2. The soil gas implants were installed using Geoprobe™ equipment and consisted of Geoprobe™ Model 213859, which are constructed of a 6-inch length of double woven stainless-steel wire. The soil gas implants were installed to a depth of approximately 10 ft below grade. The implants were attached to ¼-inch polyethylene tubing which extended approximately 18 inches beyond that needed to reach the surface. The tubing was capped with a ¼-inch plastic end to prevent the infiltration of foreign particles into the tube. Coarse sand was placed around the implant to a height of approximately 1 ft above the bottom of the probe. The remainder of the borehole was sealed with a bentonite slurry to the surface.

Prior to sampling, each sampling location was tested to ensure that a proper surface seal had been accomplished. In accordance with New York State Department of Health (NYSDOH) guidance (NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006), a tracer gas (helium) was used as a quality assurance/quality control device to verify the integrity of the sampling point seal prior to collecting the samples.

Following verification that the surface seal was tight, each soil gas point was purged using a MultiRAE meter at a rate of 0.2 liters per minute to evacuate at least three sampling tube volumes. After purging, a 6-liter Summa® canister, fitted with a 2-hour flow regulator, was attached to the surface tube of each of the three soil gas implants. Prior to initiating sample collection, sample identification, canister number, date and start time were recorded on tags attached to each canister and in a bound field notebook. Sampling then proceeded by fully opening the flow control valve on each canister in turn. Immediately after opening the flow control valve on a canister, the initial vacuum (inches of mercury) was recorded in the field book and on the sample tag. When the vacuum level in the canister was between 0 and -8 inches of mercury (approximately 2 hours), the flow controller valve was closed, and the final vacuum reading recorded in the field notebook and on the sample tag.

The three soil gas samples were submitted to Phoenix for laboratory analysis of VOCs by EPA Method TO-15. A copy of the laboratory analytical report is included in Appendix B. Table 5 compares the analytical results from the soil gas samples to the compounds listed in Table 3.1 Air Guidance Values derived by the New York State Department of Health (NYSDOH) located in the NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion, dated October 2006 and the revised NYSDOH Decision Matrices dated February 2024.

Results

Soil

Soil sample analytical results were compared to New York State Department of Environmental Conservation (NYSDEC) Part 375 Table 375-6.8(a) and (b) Soil Cleanup Objectives (SCOs) for Unrestricted Use and Restricted Residential Use on Tables 1 (VOCs), Table 2 (SVOCs), Table 3 (PCBs) and Table 4 (TAL Metals). A copy of the laboratory analytical report for soil samples is included in Appendix B.

The VOC trichloroethene (TCE) (1,200 µg/Kg) was detected above Unrestricted Use SCOs within the SB6 (0-2') soil sample. No other VOCs were detected above Unrestricted Use SCOs within the seven remaining soil samples. However, TCE was detected at trace concentrations in SB1(0-2') (1.2 µg/Kg), SB3(0-2') (2.2 µg/Kg), SB5(0-2') (0.9 µg/Kg), and SB8(0-2') (0.84 µg/Kg) and the chlorinated VOC tetrachloroethene (PCE) was detected at trace concentrations in SB2(0-2') (1.3 µg/Kg) and SB4(0-2') (1.7 µg/Kg).

Several SVOCs were detected above Restricted Use SCOs within five of the eight soil samples collected from the historic fill material including benz(a)anthracene [at 4,000 µg/Kg in SB6 (0-2')], benzo(a)anthracene (max. of 44,000 µg/Kg), benzo(a)pyrene (max. of 38,000 µg/Kg), benzo(b)fluoranthene (max. of 46,000 µg/Kg), benzo(k)fluoranthene (max. of 16,000 µg/Kg), chrysene (max. of 43,000 µg/Kg), dibenz(a,h)anthracene (max. of 7,400 µg/Kg), indeno(1,2,3-cd)pyrene (max. of 23,000 µg/Kg), and phenanthrene [at 110,000 µg/Kg in SB1 (0-2')]. No PCBs were detected within the single soil sample [SB4 (0-2')] submitted for laboratory analysis of PCBs. Metals including lead (max. of 1,110 mg/kg) and mercury (max. of 23.8 mg/kg) were detected above Restricted Residential SCOs in two and four of the soil samples submitted for laboratory analysis of metals.

Soil Vapor

Soil vapor samples collected during the investigation were compared to the compounds listed in Table 3.1 of the Air Guideline Values Derived by the NYSDOH located in the New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion dated October 2006 and the revised NYSDOH Decision Matrices dated May 2017, and the revised NYSDOH Decision Matrices dated February 2024.

- The chlorinated VOCs cis-1,2-dichloroethene, 1,1-dichloroethene, carbon tetrachloride, 1,1,1-trichloroethane, methylene chloride, and vinyl chloride were not detected in any of the three soil gas samples.
- Trichloroethene (TCE) was detected in each of the three soil gas samples at a maximum concentration of 32 $\mu\text{g}/\text{m}^3$. Based on a comparison of results to Soil Vapor/Indoor Air Matrix B (May 2017), NYSDOH would recommend “no further action.”
- Tetrachloroethene (PCE) was detected in each of the three soil gas samples at a maximum concentration of 37.5 $\mu\text{g}/\text{m}^3$. Based on a comparison of results to Soil Vapor/Indoor Air Matrix B (May 2017), NYSDOH would recommend “no further action.”
- No petroleum VOCs were detected above the mitigation level range established within the NYSDOH Soil Vapor/Indoor Air Matrices D, E and F (February 2024).

Conclusions

Information obtained from various historic sources revealed that the subject property has historically been utilized for commercial/industrial purposes, including auto sales/service facilities, auto/auto body repair, garages, and various manufacturing operations.

The GPR survey did not identify any anomalies indicative of an underground storage tank. Therefore, the eight soil borings performed as part of this Phase II were performed evenly spaced across the Site. Soil recovered from the soil borings noted historic fill material consisting of demolition debris (brick/concrete) to depths varying between 1 to 6 ft below grade. A native brown silt with trace amounts of fine sand was encountered below the fill layer in Lot 89 and a native brown medium to coarse brown sand was encountered below the fill layer in Lot 86. BEC did not observe any physical/olfactory of petroleum contamination within soil recovered from the soil borings. Therefore, BEC retained a soil sample from each of the eight soil borings from the historic fill layer for laboratory analysis. The chlorinated VOC trichloroethene (TCE) was detected above Unrestricted Use SCOs in one of the soil samples and at trace concentrations below Unrestricted Use SCOs within four of the other soil samples. The chlorinated VOC tetrachloroethene (PCE) was also detected within two of the eight soil samples at concentrations below Unrestricted Use SCOs. The same chlorinated VOCs were detected within the three soil vapor samples collected at the Site. TCE and PCE were detected all three soil gas samples at a maximum concentration of 32 $\mu\text{g}/\text{m}^3$ and 37.5 $\mu\text{g}/\text{m}^3$ respectively.

The presence of PCE and TCE in shallow soil indicates these two chemicals were used on-Site as part of historic operations and have negatively impacted on-Site soil. Since this Phase II consisted of only eight evenly spaced sampling locations across a 15,535 SF property, it does not rule out the potential for additional impacted soil areas and/or determine the vertical extent of the chlorinated VOCs in soil. Due to the Hazardous Materials E-Designation (E-810) assigned to both lots, this Phase II will need to be submitted to the New York City Office of Environmental Remediation (OER) for review as part of any redevelopment plan. The presence of PCE and TCE in soil may exclude this project from the remedial program administered by OER and would require remediation under the New York State Department of Environmental Conservation (DEC) Brownfield Cleanup Program (BCP) or Order of Consent.

Additional soil sampling (and possibly groundwater sampling) would be needed to locate any additional PCE/TCE hotspots and delineate the horizontal/vertical extent of TCE/PCE in soil for DEC/OER to determine which remedial program the property could be redeveloped under. BEC estimates the additional sampling and project management at \$85,000. If the results do not allow for redevelopment under an OER remedial program, you should budget approximately \$250,000 cost for a Remedial Investigation (DEC Phase II Sampling) to DEC standards and assume a timeline of approximately 1.5 to 2 years before any demolition/redevelopment work could proceed.

Should you have any further questions or requests, please feel free to contact me.

Very truly yours,

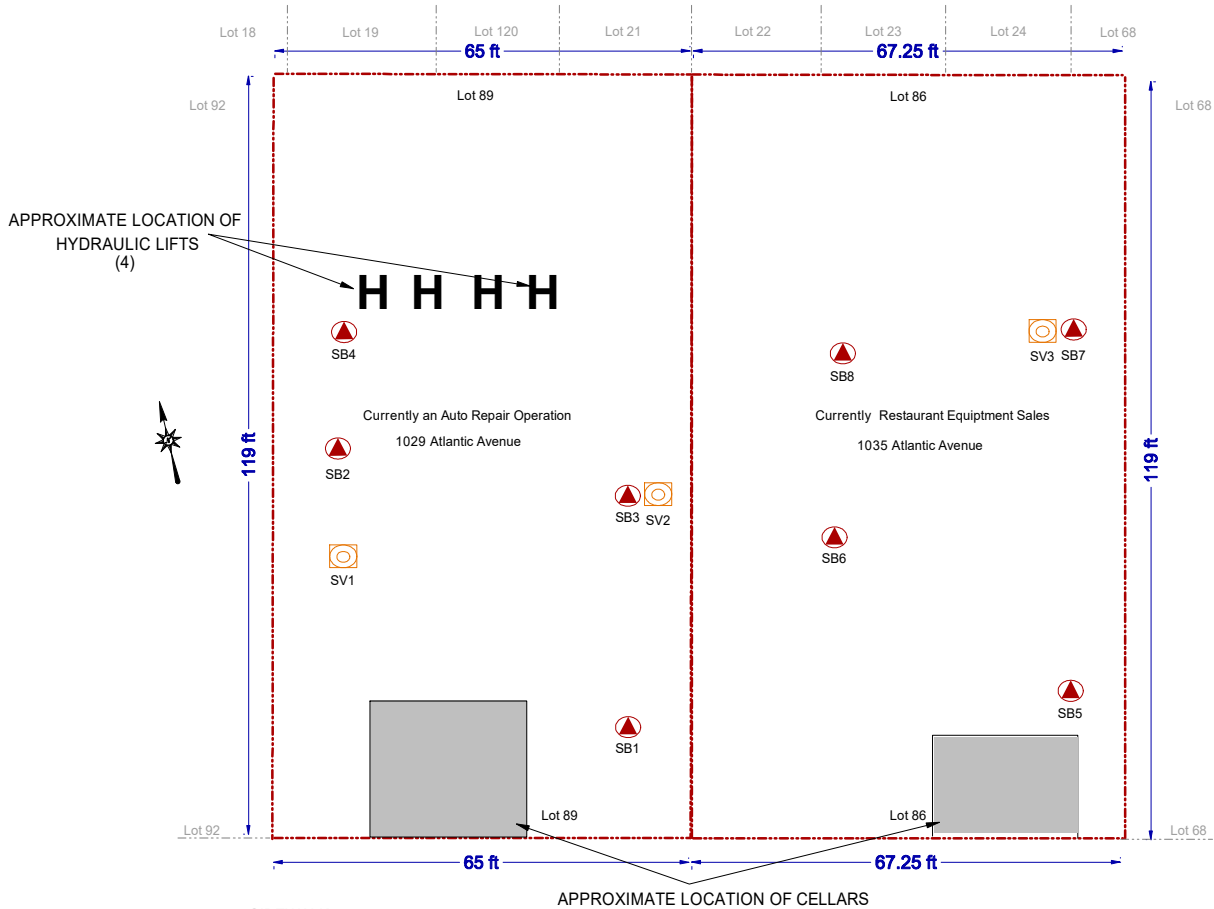
B R U S S E E
Environmental Corp.

Brussee Environmental Corp.

Chawinie Reilly

Chawinie Reilly
Vice president

FIGURES



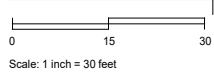
SIDEWALK

ATLANTIC AVENUE

KEY:

- Property Boundary
- ▲ Soil Boring Location
- Soil Vapor Sampling Location

SCALE



B R U S S E E
Environmental Corp.

TABLES

Table 1
1029-1035 Atlantic Avenue
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	SB1		SB2		SB3		SB4		SB5		SB6		SB7		SB8			
			(0-2)		(0-2)		(0-2)		(0-2)		(0-2)		(0-2)		(0-2)		(0-2)			
			10/27/2025		10/27/2025		10/27/2025		10/27/2025		10/27/2025		10/27/2025		10/27/2025		10/27/2025		10/27/2025	
			µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL		
1,1,1,2-Tetrachloroethane			< 7.1	7.1	< 6.1	6.1	< 29	29	< 4.8	4.8	< 8.1	8.1	< 19	19	< 4.7	4.7	< 5.4	5.4		
1,1,1-Trichloroethane	680	100,000	< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 7.8	7.8	< 4.7	4.7	< 5.4	5.4		
1,1,2-Trichloroethane			< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 350	350	< 4.7	4.7	< 5.4	5.4		
1,2-Dichloroethane	270	25,000	< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 7.8	7.8	< 4.7	4.7	< 5.4	5.4		
1,1-Dichloroethene	330	100,000	< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 7.8	7.8	< 4.7	4.7	< 5.4	5.4		
1,1-Dichloropropene			< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 7.8	7.8	< 4.7	4.7	< 5.4	5.4		
1,2,3-Trichlorobenzene			< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 350	350	< 4.7	4.7	< 5.4	5.4		
1,2,3-Trichloropropane			< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 350	350	< 4.7	4.7	< 5.4	5.4		
1,2,4-Trichlorobenzene			< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 350	350	< 4.7	4.7	< 5.4	5.4		
1,2,4-Trimethylbenzene	3,600	52,000	< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 350	350	< 4.7	4.7	< 5.4	5.4		
1,2-Dibromo-3-chloropropane			< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 350	350	< 4.7	4.7	< 5.4	5.4		
1,2-Dibromoethane			< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 7.8	7.8	< 4.7	4.7	< 5.4	5.4		
1,2-Dichlorobenzene	1,100	100,000	< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 350	350	< 4.7	4.7	< 5.4	5.4		
1,2-Dichloroethane	29	3,100	< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 7.8	7.8	< 4.7	4.7	< 5.4	5.4		
1,2-Dichloropropane			< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 350	350	< 4.7	4.7	< 5.4	5.4		
1,3,5-Trimethylbenzene	8,400	52,000	< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 350	350	< 4.7	4.7	< 5.4	5.4		
1,3-Dichlorobenzene	2,400	4,900	< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 350	350	< 4.7	4.7	< 5.4	5.4		
1,3-Dichloropropane			< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 7.8	7.8	< 4.7	4.7	< 5.4	5.4		
1,4-dioxane			< 100	100	< 91	91	< 100	100	< 72	72	< 100	100	< 100	100	< 7.1	7.1	< 8.1	8.1		
1,4-Dichlorobenzene	1,800	13,000	< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 350	350	< 4.7	4.7	< 5.4	5.4		
2,2-Dichloropropane			< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 7.8	7.8	< 4.7	4.7	< 5.4	5.4		
2-Chlorotoluene			< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 350	350	< 4.7	4.7	< 5.4	5.4		
2-Hexanone (Methyl Butyl Ketone)			< 35	35	< 30	30	< 37	37	< 24	24	< 40	40	< 39	39	< 24	24	< 27	27		
2-Isopropyltoluene			< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 350	350	< 4.7	4.7	< 5.4	5.4		
4-Chlorotoluene			< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 350	350	< 4.7	4.7	< 5.4	5.4		
4-Methyl-2-Pentanone			< 35	35	< 30	30	< 37	37	< 24	24	< 40	40	< 39	39	< 24	24	< 27	27		
Acetone	50	100,000	< 35	35	< 30	30	< 37	37	< 24	24	< 40	40	< 39	39	< 24	24	< 27	27		
Acrolein			< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 7.8	7.8	< 4.7	4.7	< 5.4	5.4		
Acrylonitrile			< 14	14	< 24	24	< 29	29	< 19	19	< 16	16	< 19	19	< 16	16	< 19	19		
Benzene	60	4,800	< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 7.8	7.8	< 4.7	4.7	< 5.4	5.4		
Bromobenzene			< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 350	350	< 4.7	4.7	< 5.4	5.4		
Bromochloroethane			< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 7.8	7.8	< 4.7	4.7	< 5.4	5.4		
Bromodichloroethane			< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 7.8	7.8	< 4.7	4.7	< 5.4	5.4		
Bromofrom			< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 7.8	7.8	< 4.7	4.7	< 5.4	5.4		
Bromomethane			< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 7.8	7.8	< 4.7	4.7	< 5.4	5.4		
Carbon Disulfide			< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 7.8	7.8	< 4.7	4.7	< 5.4	5.4		
Carbon tetrachloride	760	2,400	< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 7.8	7.8	< 4.7	4.7	< 5.4	5.4		
Chlorobenzene	1,100	100,000	< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 7.8	7.8	< 4.7	4.7	< 5.4	5.4		
Chloroethane			< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 7.8	7.8	< 4.7	4.7	< 5.4	5.4		
Chloroform	370	49,000	< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 7.8	7.8	< 4.7	4.7	< 5.4	5.4		
Chloromethane			< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 7.8	7.8	< 4.7	4.7	< 5.4	5.4		
cis-1,2-Dichloroethene	250	100,000	< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 7.8	7.8	< 4.7	4.7	< 5.4	5.4		
cis-1,3-Dichloropropene			< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 7.8	7.8	< 4.7	4.7	< 5.4	5.4		
Dibromochloromethane			< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 7.8	7.8	< 4.7	4.7	< 5.4	5.4		
Dibromomethane			< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 7.8	7.8	< 4.7	4.7	< 5.4	5.4		
Dichlorodifluoromethane			< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 7.8	7.8	< 4.7	4.7	< 5.4	5.4		
Ethylbenzene	1,000	41,000	< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 7.8	7.8	< 4.7	4.7	< 5.4	5.4		
Hexachlorobutadiene			< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 350	350	< 4.7	4.7	< 5.4	5.4		
Isopropylbenzene			< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 350	350	< 4.7	4.7	< 5.4	5.4		
m&p-Xylenes	260	100,000	< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 7.8	7.8	< 4.7	4.7	< 5.4	5.4		
Methyl Ethyl Ketone (2-Butanone)	120	100,000	< 42	42	< 37	37	< 44	44	< 29	29	< 48	48	< 47	47	< 28	28	< 32	32		
Methyl t-butyl ether (MTBE)	930	100,000	< 14	14	< 12	12	< 15	15	< 9.6	9.6	< 16	16	< 16	16	< 9.6	9.6	< 11	11		
Methylene chloride	50	100,000	< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 7.8	7.8	< 4.7	4.7	< 5.4	5.4		
Naphthalene	12,000	100,000	930	330	< 6.1	6.1	2.1	7.3	< 4.8	4.8	1.8	8.1	< 350	350	< 4.7	4.7	< 5.4	5.4		
n-Butylbenzene	12,000	100,000	< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 350	350	< 4.7	4.7	< 5.4	5.4		
n-Propylbenzene	3,900	100,000	< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 350	350	< 4.7	4.7	< 5.4	5.4		
o-Xylene	260	100,000	< 7.1	7.1	< 6.1	6.1	< 7.3	7.3	< 4.8	4.8	< 8.1	8.1	< 7.8	7.8	< 4.7	4.7	< 5.4	5.4		
p-Isopropyltoluene			< 7.1	7.1	< 6.1															

Table 2
1029-1035 Atlantic Avenue
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	SB1		SB2		SB3		SB4		SB5		SB6		SB7		SB8	
			(0-2)		(0-2)		(0-2)		(0-2)		(0-2)		(0-2)		(0-2)		(0-2)	
			10/27/2025		10/27/2025		10/27/2025		10/27/2025		10/27/2025		10/27/2025		10/27/2025		10/27/2025	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene			< 250	250	< 250	250	< 250	250	< 250	250	< 240	240	< 270	270	< 240	240	< 260	260
1,2,4-Trichlorobenzene			< 250	250	< 250	250	< 250	250	< 250	250	< 240	240	< 270	270	< 240	240	< 260	260
1,2-Dichlorobenzene			< 250	250	< 250	250	< 250	250	< 250	250	< 240	240	< 270	270	< 240	240	< 260	260
1,2-Diphenylhydrazine			< 250	250	< 250	250	< 250	250	< 250	250	< 240	240	< 270	270	< 240	240	< 260	260
1,3-Dichlorobenzene			< 250	250	< 250	250	< 250	250	< 250	250	< 240	240	< 270	270	< 240	240	< 260	260
1,4-Dichlorobenzene			< 250	250	< 250	250	< 250	250	< 250	250	< 240	240	< 270	270	< 240	240	< 260	260
2,2'-Oxybis(1-Chloropropane)			< 250	250	< 250	250	< 250	250	< 250	250	< 240	240	< 270	270	< 240	240	< 260	260
2,4,5-Trichlorophenol			< 250	250	< 250	250	< 250	250	< 250	250	< 240	240	< 270	270	< 240	240	< 260	260
2,4,6-Trichlorophenol			< 190	190	< 180	180	< 180	180	< 180	180	< 170	170	< 190	190	< 170	170	< 190	190
2,4-Dichlorophenol			< 190	190	< 180	180	< 180	180	< 180	180	< 170	170	< 190	190	< 170	170	< 190	190
2,4-Dimethylphenol			290	250	< 250	250	< 250	250	< 250	250	< 240	240	< 270	270	< 240	240	< 260	260
2,4-Dinitrophenol			< 250	250	< 250	250	< 250	250	< 250	250	< 240	240	< 270	270	< 240	240	< 260	260
2,4-Dinitrotoluene			< 190	190	< 180	180	< 180	180	< 180	180	< 170	170	< 190	190	< 170	170	< 190	190
2,6-Dinitrotoluene			< 190	190	< 180	180	< 180	180	< 180	180	< 170	170	< 190	190	< 170	170	< 190	190
2-Chloronaphthalene			< 250	250	< 250	250	< 250	250	< 250	250	< 240	240	< 270	270	< 240	240	< 260	260
2-Chlorophenol			< 250	250	< 250	250	< 250	250	< 250	250	< 240	240	< 270	270	< 240	240	< 260	260
2-Methylnaphthalene			4,300	250	< 250	250	830	250	< 250	250	< 240	240	290	270	200	240	< 250	250
2-Methylphenol (o-cresol)	330	100,000	210	250	< 250	250	< 250	250	< 250	250	< 240	240	< 270	270	< 240	240	< 260	260
2-Nitroaniline			< 250	250	< 250	250	< 250	250	< 250	250	< 240	240	< 270	270	< 240	240	< 260	260
2-Nitrophenol			< 250	250	< 250	250	< 250	250	< 250	250	< 240	240	< 270	270	< 240	240	< 260	260
3,4-Methylphenol (m&p-cresol)	330	100,000	560	250	< 250	250	240	250	< 250	250	< 240	240	< 270	270	< 240	240	< 260	260
3,3'-Dichlorobenzidine			< 190	190	< 180	180	< 180	180	< 180	180	< 170	170	< 190	190	< 170	170	< 190	190
3-Nitroaniline			< 350	350	< 360	360	< 360	360	< 350	350	< 340	340	< 380	380	< 350	350	< 370	370
4,6-Dinitro-2-methylphenol			< 230	230	< 210	210	< 220	220	< 210	210	< 210	210	< 230	230	< 210	210	< 220	220
4-Bromophenyl phenyl ether			< 250	250	< 250	250	< 250	250	< 250	250	< 240	240	< 270	270	< 240	240	< 260	260
4-Chloro-3-methylphenol			< 250	250	< 250	250	< 250	250	< 250	250	< 240	240	< 270	270	< 240	240	< 260	260
4-Chloroaniline			< 300	300	< 290	290	< 290	290	< 280	280	< 270	270	< 300	300	< 280	280	< 300	300
4-Chlorophenyl phenyl ether			< 250	250	< 250	250	< 250	250	< 250	250	< 240	240	< 270	270	< 240	240	< 260	260
4-Nitroaniline			< 350	350	< 360	360	< 360	360	< 350	350	< 340	340	< 380	380	< 350	350	< 370	370
4-Nitrophenol			< 380	380	< 360	360	< 360	360	< 350	350	< 340	340	< 380	380	< 350	350	< 370	370
Acenaphthene	20,000	100,000	12,000	1,300	< 250	250	1,700	250	< 250	250	140	240	560	270	930	240	260	260
Acenaphthylene	100,000	100,000	1,800	250	< 250	250	4,600	250	< 250	250	< 240	240	870	270	440	240	570	260
Acetophenone			< 250	250	< 250	250	< 250	250	< 250	250	< 240	240	< 270	270	< 240	240	< 260	260
Aniline			< 300	300	< 290	290	< 290	290	< 280	280	< 270	270	< 300	300	< 280	280	< 300	300
Anthracene	100,000	100,000	22,000	1,300	< 250	250	5,400	250	180	250	270	240	1,400	270	1,700	240	820	260
Benz(a)anthracene	1,000	1,000	-	-	< 250	250	-	-	-	-	590	240	4,000	270	-	-	-	-
Benzidine			< 140	140	< 360	360	< 360	360	< 350	350	< 340	340	< 380	380	< 360	360	< 370	370
Benzofluoranthene	1,000	1,000	44,000	6,000	< 250	250	20,000	6,300	< 250	250	< 240	240	< 270	270	< 240	240	< 260	260
Benzofluorene	1,000	1,000	38,000	6,000	< 180	180	24,000	6,000	760	190	520	170	4,300	190	4,000	170	3,600	190
Benzo(b)fluoranthene	1,000	1,000	46,000	6,000	< 250	250	32,000	6,300	890	250	5,400	240	6,000	240	4,500	240	4,500	240
Benzo(g)hperylene	100,000	100,000	23,000	1,300	< 250	250	14,000	1,300	530	250	310	240	2,800	270	2,900	240	2,600	260
Benzo(k)fluoranthene	800	3,900	16,000	1,300	< 250	250	6,900	250	320	250	240	240	1,900	270	1,500	240	1,500	260
Benzoic acid			< 1,600	1,600	< 1,800	1,800	< 1,800	1,800	< 1,800	1,800	< 1,700	1,700	< 1,900	1,900	< 1,700	1,700	< 1,900	1,900
Benzyl butyl phthalate			< 250	250	< 250	250	< 250	250	< 250	250	< 240	240	< 270	270	< 240	240	< 260	260
Bis(2-chloroethoxy)methane			< 250	250	< 250	250	< 250	250	< 250	250	< 240	240	< 270	270	< 240	240	< 260	260
Bis(2-chloroethyl)ether			< 190	190	< 180	180	< 180	180	< 180	180	< 170	170	< 190	190	< 170	170	< 190	190
Bis(2-ethylhexyl)phthalate			< 250	250	< 250	250	< 250	250	< 250	250	< 240	240	< 270	270	< 240	240	< 260	260
Carbazole			9,400	840	< 180	180	1,800	180	< 180	180	140	170	710	190	360	170	450	190
Chrysene	1,000	3,900	43,000	6,000	< 250	250	19,000	1,300	870	250	590	240	4,100	270	4,200	240	3,500	260
Dibenz(a,h)anthracene	330	330	7,400	190	< 180	180	4,300	180	120	180	< 170	170	620	190	530	170	540	190
Dibenzofuran	7,000	59,000	7,100	250	< 250	250	1,400	250	< 250	250	< 240	240	540	270	160	240	190	260
Diethyl phthalate			< 250	250	< 250	250	< 250	250	< 250	250	< 240	240	< 270	270	< 240	240	< 260	260
Dimethylphthalate			< 250	250	< 250	250	< 250	250	< 250	250	< 240	240	< 270	270	< 240	240	< 260	260
Di-n-butylphthalate			< 250	250	< 250	250	< 250	250	< 250	250	< 240	240	< 270	270	< 240	240	< 260	260
Di-n-octylphthalate			< 250	250	< 250	250	< 250	250	< 250	250	< 240	240	< 270	270	< 240	240	< 260	260
Fluoranthene	100,000	100,000	92,000	6,000	120	250	35,000	6,300	1,600	250	1,400	240	9,300	1,900	8,600	1,200	7,500	1,300
Fluorene	30,000	100,000	9,700	1,300	< 250	250	1,800	250	< 250	250	< 240	240	600					

Table 3
 1029-1035 Atlantic Avenue
 Brooklyn, New York
 Remedial Investigation Soil Analytical Results
 PCBs

	COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	SB4	
				(0-2')	
				10/27/2025	
				µg/Kg	
				Result	RL
PCBs	PCB-1016	100	1,000	< 71	71
	PCB-1221	100	1,000	< 71	71
	PCB-1232	100	1,000	< 71	71
	PCB-1242	100	1,000	< 71	71
	PCB-1248	100	1,000	< 71	71
	PCB-1254	100	1,000	< 71	71
	PCB-1260	100	1,000	< 71	71
	PCB-1262	100		< 71	71
	PCB-1268	100		< 71	71

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

- Not Analyzed

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 4
1029-1035 Atlantic Avenue
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	SB1		SB2		SB3		SB4		SB5		SB6		SB7		SB8			
			(0-2')		(0-2')		(0-2')		(0-2')		(0-2')		(0-2')		(0-2')		(0-2')			
			10/27/2025		10/27/2025		10/27/2025		10/27/2025		10/27/2025		10/27/2025		10/27/2025		10/27/2025		10/27/2025	
			mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum			9,180	35	10,600	38	7,320	3.6	7,190	3.6	10,900	32	9,670	34	10,100	32	8,780	39		
Antimony			< 3.5	3.5	< 3.8	3.8	< 3.6	3.6	< 3.6	3.6	< 3.2	3.2	< 3.4	3.4	< 3.2	3.2	< 3.9	3.9		
Arsenic	13	16	4.54	0.71	4.44	0.75	5.9	0.72	3.34	0.72	2.54	0.64	3.81	0.68	3.36	0.63	5.22	0.78		
Barium	350	400	81.4	0.7	64.4	0.8	81.3	0.7	64	0.7	65	0.6	149	0.7	132	0.6	176	0.8		
Beryllium	7.2	72	0.44	0.28	0.47	0.30	0.41	0.29	0.44	0.29	0.56	0.26	0.54	0.27	0.49	0.25	0.49	0.31		
Cadmium	2.5	4.3	0.43	0.35	< 0.38	0.38	0.52	0.36	0.5	0.36	< 0.32	0.32	0.47	0.34	0.53	0.32	2.45	0.39		
Calcium			14,700	35	1,540	3.8	21,200	36	2,480	3.6	939	3.2	17,900	34	1,900	3.2	59,800	39		
Chromium	30	180	18.8	0.35	17.8	0.38	18.7	0.36	15.3	0.36	18.3	0.32	18.3	0.34	28.8	0.32	15.1	0.39		
Cobalt			6.66	0.35	6.89	0.38	5.86	0.36	6.66	0.36	6.19	0.32	7.2	0.34	6.34	0.32	6.33	0.39		
Copper	50	270	29.2	0.7	18.5	0.8	26.3	0.7	29.3	0.7	13	0.6	28.5	0.7	34.9	0.6	41.5	0.8		
Iron			26,300	3.5	20,400	3.8	23,500	3.6	18,900	3.6	20,200	3.2	25,400	3.4	29,500	3.2	19,300	3.9		
Lead	63	400	338	0.7	64.6	0.8	179	0.7	263	0.7	48.5	0.6	1,110	0.7	337	0.6	604	0.8		
Magnesium			2,570	3.5	2,080	3.8	2,230	3.6	1,740	3.6	1,960	3.2	3,640	3.4	2,140	3.2	3,390	3.9		
Manganese	1,600	2,000	437	0.35	384	0.38	369	0.36	342	0.36	393	0.32	655	0.34	379	0.32	319	0.39		
Mercury	0.18	0.81	0.75	0.03	0.12	0.03	0.97	0.26	0.34	0.03	0.42	0.03	23.8	1.4	1.23	0.14	4.28	0.28		
Nickel	30	310	16.3	0.35	13.9	0.38	15.3	0.36	15.8	0.36	13.8	0.32	15.1	0.34	18.2	0.32	14.3	0.39		
Potassium			1,280	71	1,120	75	994	72	904	72	695	64	1,540	68	923	63	1,520	78		
Selenium	3.9	180	< 1.4	1.4	< 1.5	1.5	< 1.4	1.4	< 1.4	1.4	< 1.3	1.3	< 1.4	1.4	< 1.3	1.3	< 1.6	1.6		
Silver	2	180	< 0.35	0.35	< 0.38	0.38	< 0.36	0.36	< 0.36	0.36	< 0.32	0.32	< 0.34	0.34	< 0.32	0.32	< 0.39	0.39		
Sodium			326	7	138	8	186	7	129	7	183	6	281	7	113	6	361	8		
Thallium			< 1.4	1.4	< 1.5	1.5	< 1.4	1.4	< 1.4	1.4	< 1.3	1.3	< 1.4	1.4	< 1.3	1.3	< 1.6	1.6		
Vanadium			40.1	0.35	27.3	0.38	33.6	0.36	26.4	0.36	26.4	0.32	26.2	0.34	33	0.32	22.3	0.39		
Zinc	109	10,000	95.9	0.7	52.9	0.8	111	0.7	215	0.7	37.8	0.6	113	0.7	133	0.6	740	7.8		

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 5
1029-1035 Atlantic Avenue
Brooklyn, New York
Soil Vapor Analytical Results
Volatile Organic Compounds

COMPOUNDS	NYSDOH Maximum Sub-Slab Value ($\mu\text{g}/\text{m}^3$) ^(a)	NYSDOH Soil Indoor Background Levels ($\mu\text{g}/\text{m}^3$)	NYSDOH Soil Outdoor Background Levels ($\mu\text{g}/\text{m}^3$) ^(b)	SV1		SV2		SV3	
				10/27/2025		10/27/2025		10/27/2025	
				($\mu\text{g}/\text{m}^3$)		($\mu\text{g}/\text{m}^3$)		($\mu\text{g}/\text{m}^3$)	
				Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane				< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
1,1,1-Trichloroethane	100	3	<2.0 - 2.8	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
1,1,2,2-Tetrachloroethane			<1.5	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
1,1,2-Trichloroethane			<1.0	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
1,1-Dichloroethane			<1.0	< 5.02	5.02	< 5.02	5.02	< 5.02	5.02
1,1-Dichloroethene	6	0	<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2,4-Trichlorobenzene			NA	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
1,2,4-Trimethylbenzene			<1.0	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
1,2-Dibromoethane			<1.5	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
1,2-Dichlorobenzene			<2.0	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
1,2-Dichloroethane			<1.0	< 5.02	5.02	< 5.02	5.02	< 5.02	5.02
1,2-Dichloropropane				< 4.99	4.99	< 4.99	4.99	< 4.99	4.99
1,2-Dichlorotetrafluoroethane				< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
1,3,5-Trimethylbenzene			<1.0	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
1,3-Butadiene			NA	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
1,3-Dichlorobenzene			<2.0	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
1,4-Dichlorobenzene			NA	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
1,4-Dioxane				< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
2-Hexanone				< 4.99	4.99	< 4.99	4.99	< 4.99	4.99
4-Ethyltoluene			NA	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
4-Isopropyltoluene				< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
4-Methyl-2-pentanone				< 4.99	4.99	< 4.99	4.99	< 4.99	4.99
Acetone			NA	50.8	5.01	31.6	5.01	52.9	5.01
Acrylonitrile				< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
Benzene			<1.6 - 4.7	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
Benzyl Chloride			NA	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
Bromodichloromethane			<5.0	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
Bromoform			<1.0	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
Bromomethane			<1.0	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
Carbon Disulfide			NA	8.46	5.01	< 5.01	5.01	< 5.01	5.01
Carbon Tetrachloride	6	0	<3.1	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Chlorobenzene			<2.0	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
Chloroethane			NA	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
Chloroform			<2.4	< 4.98	4.98	< 4.98	4.98	< 4.98	4.98
Chloromethane			<1.0 - 1.4	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99
cis-1,2-Dichloroethene	6	0	<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
cis-1,3-Dichloropropene			NA	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99
Cyclohexane			NA	< 4.99	4.99	31.1	4.99	< 4.99	4.99
Dibromochloromethane			<5.0	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
Dichlorodifluoromethane			NA	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99
Ethanol				16.5	5.01	19	5.01	17.2	5.01
Ethyl Acetate			NA	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
Ethylbenzene			<4.3	51.2	4.99	< 4.99	4.99	< 4.99	4.99
Heptane			NA	42.6	5.00	< 5.00	5.00	< 5.00	5.00
Hexachlorobutadiene			NA	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
Hexane			<1.5	8.52	5.00	< 5.00	5.00	< 5.00	5.00
Isooctane				< 4.99	4.99	79.7	4.99	< 4.99	4.99
Isopropylalcohol			NA	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
Isopropylbenzene				< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
Xylene (m&p)			<4.3	156	4.99	< 4.99	4.99	< 4.99	4.99
Methyl Ethyl Ketone				5.89	5.01	< 5.01	5.01	6.43	5.01
MTBE			NA	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
Methylene Chloride	100	3	<3.4	< 15.0	15.0	< 15.0	15.0	< 15.0	15.0
Naphthalene				< 5.23	5.23	< 5.23	5.23	< 5.23	5.23
n-Butylbenzene				< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
Xylene (o)			<4.3	45.1	4.99	< 4.99	4.99	< 4.99	4.99
Propylene			NA	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
sec-Butylbenzene				< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
Styrene			<1.0	< 4.98	4.98	< 4.98	4.98	< 4.98	4.98
Tetrachloroethene	100	3		37.5	1.25	12.5	1.25	4.61	1.25
Tetrahydrofuran			NA	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
Toluene			1.0 - 6.1	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
trans-1,2-Dichloroethene			NA	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99
trans-1,3-Dichloropropene			NA	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99
Trichloroethene	6	0	<1.7	10.3	0.99	23.7	0.99	32	0.99
Trichlorofluoromethane			NA	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
Trichlorotrifluoroethane				< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
Vinyl Chloride	6	0	<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
BTEX				252.3		0		0	
CVOCs				47.80		36.20		36.61	
Total VOCs				432.87		197.60		113.14	

Notes:

NA No guidance value or standard available

(a) Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006, New York State Department of Health.

(b) NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005, Summary of Background Levels for Selected Compounds (NYSDOH Database, Outdoor values)

APPENDIX A
SOIL BORING LOGS

APPENDIX B
LABORATORY REPORTS



Thursday, October 30, 2025

Attn: Mr Kevin Brussee
Brussee Environmental Corp
1150 Lincoln Avenue – Suite 4
Holbrook, NY 11741

Project ID: 1029-1035 ATLANTIC AVENUE
SDG ID: GCU61220
Sample ID#s: CU61220 - CU61222

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,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller
Laboratory Director

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

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



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



Sample Id Cross Reference

October 30, 2025

SDG I.D.: GCU61220

Project ID: 1029-1035 ATLANTIC AVENUE

Client Id	Lab Id	Matrix	Col Date
SV2	CU61220	AIR	10/27/25 15:14
SV1	CU61221	AIR	10/27/25 15:23
SV3	CU61222	AIR	10/27/25 15:28



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



Analysis Report

October 30, 2025

FOR: Attn: Mr Kevin Brussee
 Brussee Environmental Corp
 1150 Lincoln Avenue – Suite 4
 Holbrook, NY 11741

Sample Information

Matrix: AIR
 Location Code: BRUSSEE
 Rush Request: Standard
 P.O.#:
 Canister Id: 13642

Custody Information

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

Date

10/27/25
 10/28/25

Time

15:14
 16:35

Laboratory Data

SDG ID: GCU61220
 Phoenix ID: CU61220

Project ID: 1029-1035 ATLANTIC AVENUE
 Client ID: SV2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>								
1,1,1,2-Tetrachloroethane	ND	0.729	ND	5.00	10/29/25	KCA	5	1
1,1,1-Trichloroethane	ND	0.917	ND	5.00	10/29/25	KCA	5	
1,1,2,2-Tetrachloroethane	ND	0.729	ND	5.00	10/29/25	KCA	5	
1,1,2-Trichloroethane	ND	0.917	ND	5.00	10/29/25	KCA	5	
1,1-Dichloroethane	ND	1.24	ND	5.02	10/29/25	KCA	5	
1,1-Dichloroethene	ND	0.252	ND	1.00	10/29/25	KCA	5	
1,2,4-Trichlorobenzene	ND	0.674	ND	5.00	10/29/25	KCA	5	
1,2,4-Trimethylbenzene	ND	1.02	ND	5.01	10/29/25	KCA	5	
1,2-Dibromoethane(EDB)	ND	0.651	ND	5.00	10/29/25	KCA	5	
1,2-Dichlorobenzene	ND	0.832	ND	5.00	10/29/25	KCA	5	
1,2-Dichloroethane	ND	1.24	ND	5.02	10/29/25	KCA	5	
1,2-dichloropropane	ND	1.08	ND	4.99	10/29/25	KCA	5	
1,2-Dichlorotetrafluoroethane	ND	0.716	ND	5.00	10/29/25	KCA	5	
1,3,5-Trimethylbenzene	ND	1.02	ND	5.01	10/29/25	KCA	5	
1,3-Butadiene	ND	2.26	ND	5.00	10/29/25	KCA	5	
1,3-Dichlorobenzene	ND	0.832	ND	5.00	10/29/25	KCA	5	
1,4-Dichlorobenzene	ND	0.832	ND	5.00	10/29/25	KCA	5	
1,4-Dioxane	ND	1.39	ND	5.01	10/29/25	KCA	5	
2-Hexanone(MBK)	ND	1.22	ND	4.99	10/29/25	KCA	5	1
4-Ethyltoluene	ND	1.02	ND	5.01	10/29/25	KCA	5	1
4-Isopropyltoluene	ND	0.911	ND	5.00	10/29/25	KCA	5	1
4-Methyl-2-pentanone(MIBK)	ND	1.22	ND	4.99	10/29/25	KCA	5	
Acetone	13.3	2.11	31.6	5.01	10/29/25	KCA	5	
Acrylonitrile	ND	2.31	ND	5.01	10/29/25	KCA	5	
Benzene	ND	1.57	ND	5.01	10/29/25	KCA	5	
Benzyl chloride	ND	0.966	ND	5.00	10/29/25	KCA	5	

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	ND	5.00	10/29/25	KCA	5
Bromoform	ND	0.484	ND	5.00	10/29/25	KCA	5
Bromomethane	ND	1.29	ND	5.01	10/29/25	KCA	5
Carbon Disulfide	ND	1.61	ND	5.01	10/29/25	KCA	5
Carbon Tetrachloride	ND	0.159	ND	1.00	10/29/25	KCA	5
Chlorobenzene	ND	1.09	ND	5.01	10/29/25	KCA	5
Chloroethane	ND	1.90	ND	5.01	10/29/25	KCA	5
Chloroform	ND	1.02	ND	4.98	10/29/25	KCA	5
Chloromethane	ND	2.42	ND	4.99	10/29/25	KCA	5
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	10/29/25	KCA	5
cis-1,3-Dichloropropene	ND	1.10	ND	4.99	10/29/25	KCA	5
Cyclohexane	9.04	1.45	31.1	4.99	10/29/25	KCA	5
Dibromochloromethane	ND	0.587	ND	5.00	10/29/25	KCA	5
Dichlorodifluoromethane	ND	1.01	ND	4.99	10/29/25	KCA	5
Ethanol	10.1	2.66	19.0	5.01	10/29/25	KCA	5
Ethyl acetate	ND	1.39	ND	5.01	10/29/25	KCA	5
Ethylbenzene	ND	1.15	ND	4.99	10/29/25	KCA	5
Heptane	ND	1.22	ND	5.00	10/29/25	KCA	5
Hexachlorobutadiene	ND	0.469	ND	5.00	10/29/25	KCA	5
Hexane	ND	1.42	ND	5.00	10/29/25	KCA	5
Isooctane	17.1	1.07	79.7	4.99	10/29/25	KCA	5
Isopropylalcohol	ND	2.04	ND	5.01	10/29/25	KCA	5
Isopropylbenzene	ND	1.02	ND	5.01	10/29/25	KCA	5
m,p-Xylene	ND	1.15	ND	4.99	10/29/25	KCA	5
Methyl Ethyl Ketone	ND	1.70	ND	5.01	10/29/25	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	ND	5.01	10/29/25	KCA	5
Methylene Chloride	ND	4.32	ND	15.0	10/29/25	KCA	5
Naphthalene	ND	1.00	ND	5.23	10/29/25	KCA	5
n-Butylbenzene	ND	0.911	ND	5.00	10/29/25	KCA	5
o-Xylene	ND	1.15	ND	4.99	10/29/25	KCA	5
Propylene	ND	2.91	ND	5.01	10/29/25	KCA	5
sec-Butylbenzene	ND	0.911	ND	5.00	10/29/25	KCA	5
Styrene	ND	1.17	ND	4.98	10/29/25	KCA	5
Tetrachloroethene	1.84	0.184	12.5	1.25	10/29/25	KCA	5
Tetrahydrofuran	ND	1.70	ND	5.01	10/29/25	KCA	5
Toluene	ND	1.33	ND	5.01	10/29/25	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	ND	4.99	10/29/25	KCA	5
trans-1,3-Dichloropropene	ND	1.10	ND	4.99	10/29/25	KCA	5
Trichloroethene	4.41	0.185	23.7	0.99	10/29/25	KCA	5
Trichlorofluoromethane	ND	0.891	ND	5.00	10/29/25	KCA	5
Trichlorotrifluoroethane	ND	0.653	ND	5.00	10/29/25	KCA	5
Vinyl Chloride	ND	0.390	ND	1.00	10/29/25	KCA	5
<u>QA/QC Surrogates/Internals</u>							
% Bromofluorobenzene (5x)	114	%	114	%	10/29/25	KCA	5
% IS-1,4-Difluorobenzene (5x)	93	%	93	%	10/29/25	KCA	5
% IS-Bromochloromethane (5x)	94	%	94	%	10/29/25	KCA	5
% IS-Chlorobenzene-d5 (5x)	91	%	91	%	10/29/25	KCA	5

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

Comments:

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



Phyllis Shiller, Laboratory Director

October 30, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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



Analysis Report

October 30, 2025

FOR: Attn: Mr Kevin Brussee
 Brussee Environmental Corp
 1150 Lincoln Avenue – Suite 4
 Holbrook, NY 11741

Sample Information

Matrix: AIR
 Location Code: BRUSSEE
 Rush Request: Standard
 P.O.#:
 Canister Id: 246

Custody Information

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

Date Time
 10/27/25 15:23
 10/28/25 16:35

Laboratory Data

SDG ID: GCU61220
 Phoenix ID: CU61221

Project ID: 1029-1035 ATLANTIC AVENUE
 Client ID: SV1

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	10/29/25	KCA	5
1,1,1-Trichloroethane	ND	0.917	ND	5.00	10/29/25	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	ND	5.00	10/29/25	KCA	5
1,1,2-Trichloroethane	ND	0.917	ND	5.00	10/29/25	KCA	5
1,1-Dichloroethane	ND	1.24	ND	5.02	10/29/25	KCA	5
1,1-Dichloroethene	ND	0.252	ND	1.00	10/29/25	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	ND	5.00	10/29/25	KCA	5
1,2,4-Trimethylbenzene	ND	1.02	ND	5.01	10/29/25	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	ND	5.00	10/29/25	KCA	5
1,2-Dichlorobenzene	ND	0.832	ND	5.00	10/29/25	KCA	5
1,2-Dichloroethane	ND	1.24	ND	5.02	10/29/25	KCA	5
1,2-dichloropropane	ND	1.08	ND	4.99	10/29/25	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	ND	5.00	10/29/25	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	ND	5.01	10/29/25	KCA	5
1,3-Butadiene	ND	2.26	ND	5.00	10/29/25	KCA	5
1,3-Dichlorobenzene	ND	0.832	ND	5.00	10/29/25	KCA	5
1,4-Dichlorobenzene	ND	0.832	ND	5.00	10/29/25	KCA	5
1,4-Dioxane	ND	1.39	ND	5.01	10/29/25	KCA	5
2-Hexanone(MBK)	ND	1.22	ND	4.99	10/29/25	KCA	5
4-Ethyltoluene	ND	1.02	ND	5.01	10/29/25	KCA	5
4-Isopropyltoluene	ND	0.911	ND	5.00	10/29/25	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	ND	4.99	10/29/25	KCA	5
Acetone	21.4	2.11	50.8	5.01	10/29/25	KCA	5
Acrylonitrile	ND	2.31	ND	5.01	10/29/25	KCA	5
Benzene	ND	1.57	ND	5.01	10/29/25	KCA	5
Benzyl chloride	ND	0.966	ND	5.00	10/29/25	KCA	5

Client ID: SV1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	ND	5.00	10/29/25	KCA	5
Bromoform	ND	0.484	ND	5.00	10/29/25	KCA	5
Bromomethane	ND	1.29	ND	5.01	10/29/25	KCA	5
Carbon Disulfide	2.72	1.61	8.46	5.01	10/29/25	KCA	5
Carbon Tetrachloride	ND	0.159	ND	1.00	10/29/25	KCA	5
Chlorobenzene	ND	1.09	ND	5.01	10/29/25	KCA	5
Chloroethane	ND	1.90	ND	5.01	10/29/25	KCA	5
Chloroform	ND	1.02	ND	4.98	10/29/25	KCA	5
Chloromethane	ND	2.42	ND	4.99	10/29/25	KCA	5
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	10/29/25	KCA	5
cis-1,3-Dichloropropene	ND	1.10	ND	4.99	10/29/25	KCA	5
Cyclohexane	ND	1.45	ND	4.99	10/29/25	KCA	5
Dibromochloromethane	ND	0.587	ND	5.00	10/29/25	KCA	5
Dichlorodifluoromethane	ND	1.01	ND	4.99	10/29/25	KCA	5
Ethanol	8.78	2.66	16.5	5.01	10/29/25	KCA	5
Ethyl acetate	ND	1.39	ND	5.01	10/29/25	KCA	5
Ethylbenzene	11.8	1.15	51.2	4.99	10/29/25	KCA	5
Heptane	10.4	1.22	42.6	5.00	10/29/25	KCA	5
Hexachlorobutadiene	ND	0.469	ND	5.00	10/29/25	KCA	5
Hexane	2.42	1.42	8.52	5.00	10/29/25	KCA	5
Isooctane	ND	1.07	ND	4.99	10/29/25	KCA	5
Isopropylalcohol	ND	2.04	ND	5.01	10/29/25	KCA	5
Isopropylbenzene	ND	1.02	ND	5.01	10/29/25	KCA	5
m,p-Xylene	36.0	1.15	156	4.99	10/29/25	KCA	5
Methyl Ethyl Ketone	2.00	1.70	5.89	5.01	10/29/25	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	ND	5.01	10/29/25	KCA	5
Methylene Chloride	ND	4.32	ND	15.0	10/29/25	KCA	5
Naphthalene	ND	1.00	ND	5.23	10/29/25	KCA	5
n-Butylbenzene	ND	0.911	ND	5.00	10/29/25	KCA	5
o-Xylene	10.4	1.15	45.1	4.99	10/29/25	KCA	5
Propylene	ND	2.91	ND	5.01	10/29/25	KCA	5
sec-Butylbenzene	ND	0.911	ND	5.00	10/29/25	KCA	5
Styrene	ND	1.17	ND	4.98	10/29/25	KCA	5
Tetrachloroethene	5.53	0.184	37.5	1.25	10/29/25	KCA	5
Tetrahydrofuran	ND	1.70	ND	5.01	10/29/25	KCA	5
Toluene	ND	1.33	ND	5.01	10/29/25	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	ND	4.99	10/29/25	KCA	5
trans-1,3-Dichloropropene	ND	1.10	ND	4.99	10/29/25	KCA	5
Trichloroethene	1.92	0.185	10.3	0.99	10/29/25	KCA	5
Trichlorofluoromethane	ND	0.891	ND	5.00	10/29/25	KCA	5
Trichlorotrifluoroethane	ND	0.653	ND	5.00	10/29/25	KCA	5
Vinyl Chloride	ND	0.390	ND	1.00	10/29/25	KCA	5
QA/QC Surrogates/Internals							
% Bromofluorobenzene (5x)	105	%	105	%	10/29/25	KCA	5
% IS-1,4-Difluorobenzene (5x)	95	%	95	%	10/29/25	KCA	5
% IS-Bromochloromethane (5x)	94	%	94	%	10/29/25	KCA	5
% IS-Chlorobenzene-d5 (5x)	107	%	107	%	10/29/25	KCA	5

Client ID: SV1

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

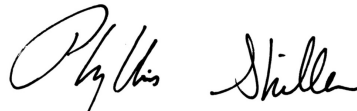
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

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

Comments:

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



Phyllis Shiller, Laboratory Director

October 30, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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



Analysis Report

October 30, 2025

FOR: Attn: Mr Kevin Brussee
Brussee Environmental Corp
1150 Lincoln Avenue – Suite 4
Holbrook, NY 11741

Sample Information

Matrix: AIR
Location Code: BRUSSEE
Rush Request: Standard
P.O.#:
Canister Id: 5506

Custody Information

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

Date Time
10/27/25 15:28
10/28/25 16:35

Laboratory Data

SDG ID: GCU61220
Phoenix ID: CU61222

Project ID: 1029-1035 ATLANTIC AVENUE
Client ID: SV3

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	10/29/25	KCA	5	1
1,1,1-Trichloroethane	ND	0.917	ND	5.00	10/29/25	KCA	5	
1,1,2,2-Tetrachloroethane	ND	0.729	ND	5.00	10/29/25	KCA	5	
1,1,2-Trichloroethane	ND	0.917	ND	5.00	10/29/25	KCA	5	
1,1-Dichloroethane	ND	1.24	ND	5.02	10/29/25	KCA	5	
1,1-Dichloroethene	ND	0.252	ND	1.00	10/29/25	KCA	5	
1,2,4-Trichlorobenzene	ND	0.674	ND	5.00	10/29/25	KCA	5	
1,2,4-Trimethylbenzene	ND	1.02	ND	5.01	10/29/25	KCA	5	
1,2-Dibromoethane(EDB)	ND	0.651	ND	5.00	10/29/25	KCA	5	
1,2-Dichlorobenzene	ND	0.832	ND	5.00	10/29/25	KCA	5	
1,2-Dichloroethane	ND	1.24	ND	5.02	10/29/25	KCA	5	
1,2-dichloropropane	ND	1.08	ND	4.99	10/29/25	KCA	5	
1,2-Dichlorotetrafluoroethane	ND	0.716	ND	5.00	10/29/25	KCA	5	
1,3,5-Trimethylbenzene	ND	1.02	ND	5.01	10/29/25	KCA	5	
1,3-Butadiene	ND	2.26	ND	5.00	10/29/25	KCA	5	
1,3-Dichlorobenzene	ND	0.832	ND	5.00	10/29/25	KCA	5	
1,4-Dichlorobenzene	ND	0.832	ND	5.00	10/29/25	KCA	5	
1,4-Dioxane	ND	1.39	ND	5.01	10/29/25	KCA	5	
2-Hexanone(MBK)	ND	1.22	ND	4.99	10/29/25	KCA	5	1
4-Ethyltoluene	ND	1.02	ND	5.01	10/29/25	KCA	5	1
4-Isopropyltoluene	ND	0.911	ND	5.00	10/29/25	KCA	5	1
4-Methyl-2-pentanone(MIBK)	ND	1.22	ND	4.99	10/29/25	KCA	5	
Acetone	22.3	2.11	52.9	5.01	10/29/25	KCA	5	
Acrylonitrile	ND	2.31	ND	5.01	10/29/25	KCA	5	
Benzene	ND	1.57	ND	5.01	10/29/25	KCA	5	
Benzyl chloride	ND	0.966	ND	5.00	10/29/25	KCA	5	

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	ND	5.00	10/29/25	KCA	5
Bromoform	ND	0.484	ND	5.00	10/29/25	KCA	5
Bromomethane	ND	1.29	ND	5.01	10/29/25	KCA	5
Carbon Disulfide	ND	1.61	ND	5.01	10/29/25	KCA	5
Carbon Tetrachloride	ND	0.159	ND	1.00	10/29/25	KCA	5
Chlorobenzene	ND	1.09	ND	5.01	10/29/25	KCA	5
Chloroethane	ND	1.90	ND	5.01	10/29/25	KCA	5
Chloroform	ND	1.02	ND	4.98	10/29/25	KCA	5
Chloromethane	ND	2.42	ND	4.99	10/29/25	KCA	5
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	10/29/25	KCA	5
cis-1,3-Dichloropropene	ND	1.10	ND	4.99	10/29/25	KCA	5
Cyclohexane	ND	1.45	ND	4.99	10/29/25	KCA	5
Dibromochloromethane	ND	0.587	ND	5.00	10/29/25	KCA	5
Dichlorodifluoromethane	ND	1.01	ND	4.99	10/29/25	KCA	5
Ethanol	9.11	2.66	17.2	5.01	10/29/25	KCA	5
Ethyl acetate	ND	1.39	ND	5.01	10/29/25	KCA	5
Ethylbenzene	ND	1.15	ND	4.99	10/29/25	KCA	5
Heptane	ND	1.22	ND	5.00	10/29/25	KCA	5
Hexachlorobutadiene	ND	0.469	ND	5.00	10/29/25	KCA	5
Hexane	ND	1.42	ND	5.00	10/29/25	KCA	5
Isooctane	ND	1.07	ND	4.99	10/29/25	KCA	5
Isopropylalcohol	ND	2.04	ND	5.01	10/29/25	KCA	5
Isopropylbenzene	ND	1.02	ND	5.01	10/29/25	KCA	5
m,p-Xylene	ND	1.15	ND	4.99	10/29/25	KCA	5
Methyl Ethyl Ketone	2.18	1.70	6.43	5.01	10/29/25	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	ND	5.01	10/29/25	KCA	5
Methylene Chloride	ND	4.32	ND	15.0	10/29/25	KCA	5
Naphthalene	ND	1.00	ND	5.23	10/29/25	KCA	5
n-Butylbenzene	ND	0.911	ND	5.00	10/29/25	KCA	5
o-Xylene	ND	1.15	ND	4.99	10/29/25	KCA	5
Propylene	ND	2.91	ND	5.01	10/29/25	KCA	5
sec-Butylbenzene	ND	0.911	ND	5.00	10/29/25	KCA	5
Styrene	ND	1.17	ND	4.98	10/29/25	KCA	5
Tetrachloroethene	0.680	0.184	4.61	1.25	10/29/25	KCA	5
Tetrahydrofuran	ND	1.70	ND	5.01	10/29/25	KCA	5
Toluene	ND	1.33	ND	5.01	10/29/25	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	ND	4.99	10/29/25	KCA	5
trans-1,3-Dichloropropene	ND	1.10	ND	4.99	10/29/25	KCA	5
Trichloroethene	5.96	0.185	32.0	0.99	10/29/25	KCA	5
Trichlorofluoromethane	ND	0.891	ND	5.00	10/29/25	KCA	5
Trichlorotrifluoroethane	ND	0.653	ND	5.00	10/29/25	KCA	5
Vinyl Chloride	ND	0.390	ND	1.00	10/29/25	KCA	5
<u>QA/QC Surrogates/Internals</u>							
% Bromofluorobenzene (5x)	119	%	119	%	10/29/25	KCA	5
% IS-1,4-Difluorobenzene (5x)	91	%	91	%	10/29/25	KCA	5
% IS-Bromochloromethane (5x)	92	%	92	%	10/29/25	KCA	5
% IS-Chlorobenzene-d5 (5x)	90	%	90	%	10/29/25	KCA	5

Client ID: SV3

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

Comments:

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



Phyllis Shiller, Laboratory Director

October 30, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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



Canister Sampling Information

October 30, 2025

FOR: Attn: Mr Kevin Brussee
 Brussee Environmental Corp
 1150 Lincoln Avenue – Suite 4
 Holbrook, NY 11741

Location Code: BRUSSEE

SDG I.D.: GCU61220

Project ID: 1029-1035 ATLANTIC AVENUE

Client Id	Lab Id	Canister		Reg. Id	Chk Out Date	Laboratory					Field			
		Id	Type			Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
SV2	CU61220	13642	6.0L	6977	10/23/25	-30	-6	44	43	2.3	-29	-6	10/27/25 13:23	10/27/25 15:14
SV1	CU61221	246	6.0L	4961	10/23/25	-30	-5	44	46	4.4	-30	-6	10/27/25 13:30	10/27/25 15:23
SV3	CU61222	5506	6.0L	5705	10/23/25	-30	-6	44	44	0.0	-30	-7	10/27/25 13:37	10/27/25 15:28



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



QA/QC Report

October 30, 2025

QA/QC Data

SDG I.D.: GCU61220

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 811031 (ppbv), QC Sample No: CU61239 (CU61220 (5X) , CU61221 (5X) , CU61222 (5X))												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.150	ND	1.03	97	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.180	ND	0.98	102	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.150	ND	1.03	102	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.180	ND	0.98	102	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.250	ND	1.01	99	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.050	ND	0.20	96	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.130	ND	0.96	119	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.200	ND	0.98	100	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.170	ND	1.02	100	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	0.190	ND	0.88	102	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.140	ND	0.98	98	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.200	ND	0.98	101	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.450	ND	0.99	95	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.170	ND	1.02	102	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.170	ND	1.02	100	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.200	ND	0.72	90	ND	ND	ND	ND	NC	70 - 130	25
2,2,4-Trimethylpentane	ND	0.210	ND	0.98	91	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.240	ND	0.98	96	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.200	ND	0.98	104	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.180	ND	0.99	94	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.240	ND	0.98	96	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.420	ND	1.00	96	10.2	10.1	4.29	4.26	0.7	70 - 130	25
Acrylonitrile	ND	0.460	ND	1.00	112	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.200	ND	0.64	98	0.70	0.72	0.220	0.225	NC	70 - 130	25
Benzyl chloride	ND	0.190	ND	0.98	123	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.150	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.260	ND	1.01	96	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.320	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.032	ND	0.20	103	0.48	0.48	0.076	0.077	NC	70 - 130	25
Chlorobenzene	ND	0.220	ND	1.01	102	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.380	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.200	ND	0.98	100	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.480	ND	0.99	100	1.02	1.06	0.492	0.515	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.050	ND	0.20	101	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.290	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.120	ND	1.02	105	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.200	ND	0.99	96	2.01	1.98	0.406	0.401	NC	70 - 130	25

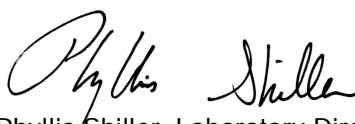
QA/QC Data

SDG I.D.: GCU61220

Parameter	Bik ppbv	Bik RL ppbv	Bik ug/m3	Bik RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethanol	ND	0.530	ND	1.00	125	156 E	157	82.6 E	83.3	0.8	70 - 130	25
Ethyl acetate	ND	0.280	ND	1.01	98	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
Heptane	ND	0.240	ND	0.98	99	ND	ND	ND	ND	NC	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.280	ND	0.99	98	ND	ND	ND	ND	NC	70 - 130	25
Isopropylalcohol	ND	0.410	ND	1.01	97	21.8	22.1	8.86	8.99	1.5	70 - 130	25
Isopropylbenzene	ND	0.200	ND	0.98	93	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.340	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.280	ND	1.01	99	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.860	ND	2.99	94	ND	ND	ND	ND	NC	70 - 130	25
Naphthalene	ND	0.200	ND	1.05	113	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.180	ND	0.99	96	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
Propylene	ND	0.580	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.180	ND	0.99	93	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.230	ND	0.98	103	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	99	0.58	0.57	0.086	0.084	NC	70 - 130	25
Tetrahydrofuran	ND	0.340	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.270	ND	1.02	103	1.19	1.15	0.317	0.306	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	96	ND	ND	ND	ND	NC	70 - 130	25
Trichlorofluoromethane	ND	0.180	ND	1.01	97	1.10	1.08	0.196	0.193	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.130	ND	1.00	97	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	111	%	111	%	100	115	115	115	115	NC	70 - 130	25
% IS-1,4-Difluorobenzene	99	%	99	%	90	100	99	100	99	NC	60 - 140	25
% IS-Bromochloromethane	96	%	96	%	93	99	99	99	99	NC	60 - 140	25
% IS-Chlorobenzene-d5	97	%	97	%	102	97	96	97	96	NC	60 - 140	25

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
 October 30, 2025

Thursday, October 30, 2025

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCU61220 - BRUSSEE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
--------	-------	-----------------	----------	--------	----	----------	----------------	-------------------

*** No Data to Display ***

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



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

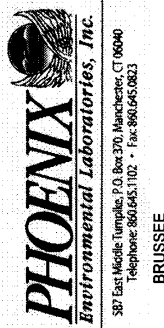


Analysis Comments

October 30, 2025

SDG I.D.: GCU61220

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

P.O. # _____
Data Delivery: Fax #: _____
 Email: _____
 Phone #: _____

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

Report to: Chawinie Reilly
Customer: Brussee Environmental Corp
Address: 1150 Lincoln Avenue - Suite 4
18141 Holbrook, NY 11741

Project Name: 1029-1035 Arkinik Avenue
Invoice to: BEC
Sampled by: Thomas Gello

Data Format: (Circle) Equis Excel
Requested Deliverable: RCP ASP CAT B
MCP NJ Deliverables
Quote Number: _____

Phoenix ID #	Client Sample ID	THIS SECTION FOR LAB USE ONLY										MATRIX			ANALYSES
		Canister Size (L)	Outgoing Canister Pressure (Psi)	Incoming Canister Pressure (Psi)	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)	
61220	SV2	6.0L	-30	-6	6977	44	13:23	15:14	10/27	-29	-6	X		X	
61221	SV1	6.0L	-30	-5	4961	44	13:30	15:23	10/27	-30	-6	X		X	
61222	DID NOT RECEIVE SV3	6.0L	-30	-6	10607	45	13:37	15:28	10/27	-30	-7	X		X	

Relinquished by: [Signature] **Date:** 10/29/25
Accepted by: [Signature] **Date:** 10/28/25

Requested Criteria: Please Circle
 CT: TAC I/C, TAC RES, SVVC I/C, SVVC RES, GWV I/C, GWV RES
 MA: Indoor Air: Residential, Ind/Commercial; Soil Gas: Residential, Ind/Commercial
 NY: Vapor Intrusion
 NE: Indoor Air: Residential, Ind/Commercial; Soil Gas: Residential, Ind/Commercial
 PA: Indoor Air: Residential, Non-residential
 VT: Indoor Air: Residential, Industrial, Sub-slab, Residential

State Where Samples Collected: NY
Requested Criteria: Please Circle

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:
(4) - 6.0L, 2 hr., 4 Connectors

***SURCHARGES MAY APPLY**



Monday, November 10, 2025

Attn: Mr Kevin Brussee
Brussee Environmental Corp
1150 Lincoln Avenue – Suite 4
Holbrook, NY 11741

Project ID: 1029-1035 ATLANTIC AVENUE
SDG ID: GCU61212
Sample ID#s: CU61212 - CU61219

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

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

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

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

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

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

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



SDG Comments

November 10, 2025

SDG I.D.: GCU61212

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



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



Sample Id Cross Reference

November 10, 2025

SDG I.D.: GCU61212

Project ID: 1029-1035 ATLANTIC AVENUE

Client Id	Lab Id	Matrix	Col Date
SB1 (0-2`)	CU61212	SOIL	10/27/25 0:00
SB2 (0-2`)	CU61213	SOIL	10/27/25 0:00
SB3 (0-2`)	CU61214	SOIL	10/27/25 0:00
SB4 (0-2`)	CU61215	SOIL	10/27/25 0:00
SB5 (0-2`)	CU61216	SOIL	10/27/25 0:00
SB6 (0-2`)	CU61217	SOIL	10/27/25 0:00
SB7 (0-2`)	CU61218	SOIL	10/27/25 0:00
SB8 (0-2`)	CU61219	SOIL	10/27/25 0:00



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



Analysis Report

November 10, 2025

FOR: Attn: Mr Kevin Brussee
 Brussee Environmental Corp
 1150 Lincoln Avenue – Suite 4
 Holbrook, NY 11741

Sample Information

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

Custody Information

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

Date

10/27/25
 10/28/25

Time

16:35

Laboratory Data

SDG ID: GCU61212
 Phoenix ID: CU61212

Project ID: 1029-1035 ATLANTIC AVENUE
 Client ID: SB1 (0-2')

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.35	0.35		mg/Kg	1	10/30/25	TH	SW6010D
Aluminum	9180	35		mg/Kg	10	10/30/25	TH	SW6010D
Arsenic	4.54	0.71		mg/Kg	1	10/30/25	TH	SW6010D
Barium	81.4	0.7		mg/Kg	1	10/30/25	TH	SW6010D
Beryllium	0.44	0.28		mg/Kg	1	10/30/25	TH	SW6010D
Calcium	14700	35		mg/Kg	10	10/30/25	TH	SW6010D
Cadmium	0.43	0.35		mg/Kg	1	10/30/25	TH	SW6010D
Cobalt	6.66	0.35		mg/Kg	1	10/30/25	TH	SW6010D
Chromium	18.8	0.35		mg/Kg	1	10/30/25	TH	SW6010D
Copper	29.2	0.7		mg/kg	1	10/30/25	TH	SW6010D
Iron	26300	3.5		mg/Kg	1	10/30/25	TH	SW6010D
Mercury	0.75	0.03		mg/Kg	2	10/30/25	AJ1	SW7471B
Potassium	1280	71		mg/Kg	10	10/30/25	TH	SW6010D
Magnesium	2570	3.5		mg/Kg	1	10/30/25	TH	SW6010D
Manganese	437	0.35		mg/Kg	1	10/30/25	TH	SW6010D
Sodium	326	7		mg/Kg	1	10/30/25	TH	SW6010D
Nickel	16.3	0.35		mg/Kg	1	10/30/25	TH	SW6010D
Lead	338	0.7		mg/Kg	1	10/30/25	TH	SW6010D
Antimony	< 3.5	3.5		mg/Kg	1	10/30/25	TH	SW6010D
Selenium	< 1.4	1.4		mg/Kg	1	10/30/25	TH	SW6010D
Thallium	< 1.4	1.4		mg/Kg	1	10/30/25	TH	SW6010D
Vanadium	40.1	0.35		mg/Kg	1	10/30/25	TH	SW6010D
Zinc	95.9	0.7		mg/Kg	1	10/30/25	TH	SW6010D
Percent Solid	87			%		10/28/25	CV	SW846-%Solid

Field Extraction	Completed					10/27/25		SW5035A	1
Mercury Digestion	Completed					10/30/25	GW/GW	SW7471B	
Soil Extraction for SVOA	Completed					11/04/25	A/A	SW3546	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					10/29/25	P/AG	SW3050B
Volatiles								
1,1,1,2-Tetrachloroethane	ND	7.1	1.4	ug/Kg	1	10/30/25	JLI	SW8260D
1,1,1-Trichloroethane	ND	7.1	0.71	ug/Kg	1	10/30/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	7.1	1.4	ug/Kg	1	10/30/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	7.1	1.4	ug/Kg	1	10/30/25	JLI	SW8260D
1,1-Dichloroethane	ND	7.1	1.4	ug/Kg	1	10/30/25	JLI	SW8260D
1,1-Dichloroethene	ND	7.1	0.71	ug/Kg	1	10/30/25	JLI	SW8260D
1,1-Dichloropropene	ND	7.1	0.71	ug/Kg	1	10/30/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	7.1	1.4	ug/Kg	1	10/30/25	JLI	SW8260D
1,2,3-Trichloropropane	ND	7.1	0.71	ug/Kg	1	10/30/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	7.1	1.4	ug/Kg	1	10/30/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	7.1	0.71	ug/Kg	1	10/30/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	7.1	1.4	ug/Kg	1	10/30/25	JLI	SW8260D
1,2-Dibromoethane	ND	7.1	0.71	ug/Kg	1	10/30/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	7.1	0.71	ug/Kg	1	10/30/25	JLI	SW8260D
1,2-Dichloroethane	ND	7.1	0.71	ug/Kg	1	10/30/25	JLI	SW8260D
1,2-Dichloropropane	ND	7.1	1.4	ug/Kg	1	10/30/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	7.1	0.71	ug/Kg	1	10/30/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	7.1	0.71	ug/Kg	1	10/30/25	JLI	SW8260D
1,3-Dichloropropane	ND	7.1	1.4	ug/Kg	1	10/30/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	7.1	0.71	ug/Kg	1	10/30/25	JLI	SW8260D
2,2-Dichloropropane	ND	7.1	0.71	ug/Kg	1	10/30/25	JLI	SW8260D
2-Chlorotoluene	ND	7.1	1.4	ug/Kg	1	10/30/25	JLI	SW8260D
2-Hexanone	ND	35	7.1	ug/Kg	1	10/30/25	JLI	SW8260D
2-Isopropyltoluene	ND	7.1	0.71	ug/Kg	1	10/30/25	JLI	SW8260D
4-Chlorotoluene	ND	7.1	0.71	ug/Kg	1	10/30/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	35	7.1	ug/Kg	1	10/30/25	JLI	SW8260D
Acetone	ND	35	7.1	ug/Kg	1	10/30/25	JLI	SW8260D
Acrylonitrile	ND	14	1.4	ug/Kg	1	10/30/25	JLI	SW8260D
Benzene	ND	7.1	0.71	ug/Kg	1	10/30/25	JLI	SW8260D
Bromobenzene	ND	7.1	0.71	ug/Kg	1	10/30/25	JLI	SW8260D
Bromochloromethane	ND	7.1	0.71	ug/Kg	1	10/30/25	JLI	SW8260D
Bromodichloromethane	ND	7.1	1.4	ug/Kg	1	10/30/25	JLI	SW8260D
Bromoform	ND	7.1	1.4	ug/Kg	1	10/30/25	JLI	SW8260D
Bromomethane	ND	7.1	2.8	ug/Kg	1	10/30/25	JLI	SW8260D
Carbon Disulfide	ND	7.1	1.4	ug/Kg	1	10/30/25	JLI	SW8260D
Carbon tetrachloride	ND	7.1	1.4	ug/Kg	1	10/30/25	JLI	SW8260D
Chlorobenzene	ND	7.1	0.71	ug/Kg	1	10/30/25	JLI	SW8260D
Chloroethane	ND	7.1	0.71	ug/Kg	1	10/30/25	JLI	SW8260D
Chloroform	ND	7.1	0.71	ug/Kg	1	10/30/25	JLI	SW8260D
Chloromethane	ND	7.1	1.4	ug/Kg	1	10/30/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	7.1	0.71	ug/Kg	1	10/30/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	7.1	0.71	ug/Kg	1	10/30/25	JLI	SW8260D
Dibromochloromethane	ND	7.1	1.4	ug/Kg	1	10/30/25	JLI	SW8260D
Dibromomethane	ND	7.1	1.4	ug/Kg	1	10/30/25	JLI	SW8260D
Dichlorodifluoromethane	ND	7.1	0.71	ug/Kg	1	10/30/25	JLI	SW8260D
Ethylbenzene	ND	7.1	0.71	ug/Kg	1	10/30/25	JLI	SW8260D
Hexachlorobutadiene	ND	7.1	0.71	ug/Kg	1	10/30/25	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Isopropylbenzene	ND	7.1	0.71	ug/Kg	1	10/30/25	JLI	SW8260D
m&p-Xylene	ND	7.1	1.4	ug/Kg	1	10/30/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	42	7.1	ug/Kg	1	10/30/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	14	1.4	ug/Kg	1	10/30/25	JLI	SW8260D
Methylene chloride	ND	7.1	7.1	ug/Kg	1	10/30/25	JLI	SW8260D
Naphthalene	930	330	65	ug/Kg	50	10/30/25	JLI	SW8260D
n-Butylbenzene	ND	7.1	0.71	ug/Kg	1	10/30/25	JLI	SW8260D
n-Propylbenzene	ND	7.1	1.4	ug/Kg	1	10/30/25	JLI	SW8260D
o-Xylene	ND	7.1	1.4	ug/Kg	1	10/30/25	JLI	SW8260D
p-Isopropyltoluene	ND	7.1	0.71	ug/Kg	1	10/30/25	JLI	SW8260D
sec-Butylbenzene	ND	7.1	0.71	ug/Kg	1	10/30/25	JLI	SW8260D
Styrene	ND	7.1	0.71	ug/Kg	1	10/30/25	JLI	SW8260D
tert-Butylbenzene	ND	7.1	0.71	ug/Kg	1	10/30/25	JLI	SW8260D
Tetrachloroethene	ND	7.1	1.4	ug/Kg	1	10/30/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	14	3.5	ug/Kg	1	10/30/25	JLI	SW8260D
Toluene	ND	7.1	0.71	ug/Kg	1	10/30/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	7.1	0.71	ug/Kg	1	10/30/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	7.1	0.71	ug/Kg	1	10/30/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	14	3.5	ug/Kg	1	10/30/25	JLI	SW8260D
Trichloroethene	1.2	J 7.1	0.71	ug/Kg	1	10/30/25	JLI	SW8260D
Trichlorofluoromethane	ND	7.1	1.4	ug/Kg	1	10/30/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	7.1	0.71	ug/Kg	1	10/30/25	JLI	SW8260D
Vinyl chloride	ND	7.1	0.71	ug/Kg	1	10/30/25	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	98			%	1	10/30/25	JLI	70 - 130 %
% Bromofluorobenzene	94			%	1	10/30/25	JLI	70 - 130 %
% Dibromofluoromethane	92			%	1	10/30/25	JLI	70 - 130 %
% Toluene-d8	97			%	1	10/30/25	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	97			%	50	10/30/25	JLI	70 - 130 %
% Bromofluorobenzene (50x)	96			%	50	10/30/25	JLI	70 - 130 %
% Dibromofluoromethane (50x)	92			%	50	10/30/25	JLI	70 - 130 %
% Toluene-d8 (50x)	99			%	50	10/30/25	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	100		ug/kg	1	10/30/25	JLI	SW8260D
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	28		ug/Kg	1	10/30/25	JLI	SW8260D
Acrolein	ND	7.1		ug/Kg	1	10/30/25	JLI	SW8260D
Acrylonitrile	ND	28		ug/Kg	1	10/30/25	JLI	SW8260D
Tert-butyl alcohol	ND	140		ug/Kg	1	10/30/25	JLI	SW8260D
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	1	11/06/25	MR	SW8270E
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	11/06/25	MR	SW8270E
1,2-Dichlorobenzene	ND	260	110	ug/Kg	1	11/06/25	MR	SW8270E
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	1	11/06/25	MR	SW8270E
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	11/06/25	MR	SW8270E
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	11/06/25	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	260	100	ug/Kg	1	11/06/25	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4,5-Trichlorophenol	ND	260	210	ug/Kg	1	11/06/25	MR	SW8270E
2,4,6-Trichlorophenol	ND	190	120	ug/Kg	1	11/06/25	MR	SW8270E
2,4-Dichlorophenol	ND	190	130	ug/Kg	1	11/06/25	MR	SW8270E
2,4-Dimethylphenol	290	260	94	ug/Kg	1	11/06/25	MR	SW8270E
2,4-Dinitrophenol	ND	260	260	ug/Kg	1	11/06/25	MR	SW8270E
2,4-Dinitrotoluene	ND	190	150	ug/Kg	1	11/06/25	MR	SW8270E
2,6-Dinitrotoluene	ND	190	120	ug/Kg	1	11/06/25	MR	SW8270E
2-Chloronaphthalene	ND	260	110	ug/Kg	1	11/06/25	MR	SW8270E
2-Chlorophenol	ND	260	110	ug/Kg	1	11/06/25	MR	SW8270E
2-Methylnaphthalene	4300	260	110	ug/Kg	1	11/06/25	MR	SW8270E
2-Methylphenol (o-cresol)	210	J 260	180	ug/Kg	1	11/06/25	MR	SW8270E
2-Nitroaniline	ND	260	260	ug/Kg	1	11/06/25	MR	SW8270E
2-Nitrophenol	ND	260	240	ug/Kg	1	11/06/25	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	560	260	150	ug/Kg	1	11/06/25	MR	SW8270E
3,3'-Dichlorobenzidine	ND	190	180	ug/Kg	1	11/06/25	MR	SW8270E
3-Nitroaniline	ND	380	760	ug/Kg	1	11/06/25	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	230	76	ug/Kg	1	11/06/25	MR	SW8270E
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	1	11/06/25	MR	SW8270E
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	11/06/25	MR	SW8270E
4-Chloroaniline	ND	300	180	ug/Kg	1	11/06/25	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	260	130	ug/Kg	1	11/06/25	MR	SW8270E
4-Nitroaniline	ND	380	130	ug/Kg	1	11/06/25	MR	SW8270E
4-Nitrophenol	ND	380	170	ug/Kg	1	11/06/25	MR	SW8270E
Acenaphthene	12000	1300	570	ug/Kg	5	11/06/25	MR	SW8270E
Acenaphthylene	1800	260	110	ug/Kg	1	11/06/25	MR	SW8270E
Acetophenone	ND	260	120	ug/Kg	1	11/06/25	MR	SW8270E
Aniline	ND	300	300	ug/Kg	1	11/06/25	MR	SW8270E
Anthracene	22000	1300	620	ug/Kg	5	11/06/25	MR	SW8270E
Benzidine	ND	380	220	ug/Kg	1	11/06/25	MR	SW8270E
Benzo(a)anthracene	44000	6600	3200	ug/Kg	25	11/08/25	MR	SW8270E
Benzo(a)pyrene	38000	4700	3100	ug/Kg	25	11/08/25	MR	SW8270E
Benzo(b)fluoranthene	46000	6600	3200	ug/Kg	25	11/08/25	MR	SW8270E
Benzo(ghi)perylene	23000	1300	610	ug/Kg	5	11/06/25	MR	SW8270E
Benzo(k)fluoranthene	16000	1300	630	ug/Kg	5	11/06/25	MR	SW8270E
Benzoic acid	ND	1900	760	ug/Kg	1	11/06/25	MR	SW8270E
Benzyl butyl phthalate	ND	260	97	ug/Kg	1	11/06/25	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	11/06/25	MR	SW8270E
Bis(2-chloroethyl)ether	ND	190	100	ug/Kg	1	11/06/25	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	1	11/06/25	MR	SW8270E
Carbazole	9400	940	760	ug/Kg	5	11/06/25	MR	SW8270E
Chrysene	43000	6600	3200	ug/Kg	25	11/08/25	MR	SW8270E
Dibenz(a,h)anthracene	7400	190	120	ug/Kg	1	11/06/25	MR	SW8270E
Dibenzofuran	7100	260	110	ug/Kg	1	11/06/25	MR	SW8270E
Diethyl phthalate	ND	260	120	ug/Kg	1	11/06/25	MR	SW8270E
Dimethylphthalate	ND	260	120	ug/Kg	1	11/06/25	MR	SW8270E
Di-n-butylphthalate	ND	260	100	ug/Kg	1	11/06/25	MR	SW8270E
Di-n-octylphthalate	ND	260	97	ug/Kg	1	11/06/25	MR	SW8270E
Fluoranthene	92000	6600	3100	ug/Kg	25	11/08/25	MR	SW8270E
Fluorene	9700	1300	620	ug/Kg	5	11/06/25	MR	SW8270E

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Hexachlorobenzene	ND	190	110	ug/Kg	1	11/06/25	MR	SW8270E
Hexachlorobutadiene	ND	260	140	ug/Kg	1	11/06/25	MR	SW8270E
Hexachlorocyclopentadiene	ND	260	120	ug/Kg	1	11/06/25	MR	SW8270E
Hexachloroethane	ND	190	110	ug/Kg	1	11/06/25	MR	SW8270E
Indeno(1,2,3-cd)pyrene	23000	1300	630	ug/Kg	5	11/06/25	MR	SW8270E
Isophorone	ND	190	110	ug/Kg	1	11/06/25	MR	SW8270E
Naphthalene	8800	1300	540	ug/Kg	5	11/06/25	MR	SW8270E
Nitrobenzene	ND	190	130	ug/Kg	1	11/06/25	MR	SW8270E
N-Nitrosodimethylamine	ND	260	110	ug/Kg	1	11/06/25	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	190	120	ug/Kg	1	11/06/25	MR	SW8270E
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	11/06/25	MR	SW8270E
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	11/06/25	MR	SW8270E
Pentachlorophenol	ND	230	140	ug/Kg	1	11/06/25	MR	SW8270E
Phenanthrene	110000	6600	2700	ug/Kg	25	11/08/25	MR	SW8270E
Phenol	340	260	120	ug/Kg	1	11/06/25	MR	SW8270E
Pyrene	88000	6600	3200	ug/Kg	25	11/08/25	MR	SW8270E
Pyridine	ND	260	93	ug/Kg	1	11/06/25	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	96			%	1	11/06/25	MR	30 - 130 %
% 2-Fluorobiphenyl	66			%	1	11/06/25	MR	30 - 130 %
% 2-Fluorophenol	68			%	1	11/06/25	MR	30 - 130 %
% Nitrobenzene-d5	77			%	1	11/06/25	MR	30 - 130 %
% Phenol-d5	76			%	1	11/06/25	MR	30 - 130 %
% Terphenyl-d14	68			%	1	11/06/25	MR	30 - 130 %
% 2-Fluorobiphenyl (5x)	77			%	5	11/06/25	MR	30 - 130 %
% Nitrobenzene-d5 (5x)	81			%	5	11/06/25	MR	30 - 130 %
% Terphenyl-d14 (5x)	68			%	5	11/06/25	MR	30 - 130 %
% 2-Fluorobiphenyl (25x)	Diluted Out			%	25	11/08/25	MR	30 - 130 %
% Nitrobenzene-d5 (25x)	Diluted Out			%	25	11/08/25	MR	30 - 130 %
% Terphenyl-d14 (25x)	Diluted Out			%	25	11/08/25	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
-----------	--------	------------	-------------	-------	----------	-----------	----	-----------

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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
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.

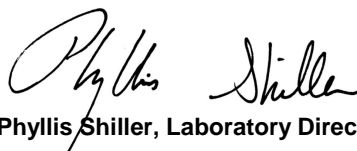
Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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.

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

November 10, 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



Analysis Report

November 10, 2025

FOR: Attn: Mr Kevin Brussee
 Brussee Environmental Corp
 1150 Lincoln Avenue – Suite 4
 Holbrook, NY 11741

Sample Information

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

Custody Information

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

Date

10/27/25
 10/28/25

Time

16:35

Laboratory Data

SDG ID: GCU61212
 Phoenix ID: CU61213

Project ID: 1029-1035 ATLANTIC AVENUE
 Client ID: SB2 (0-2')

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.38	0.38		mg/Kg	1	10/30/25	TH	SW6010D
Aluminum	10600	38		mg/Kg	10	10/30/25	TH	SW6010D
Arsenic	4.44	0.75		mg/Kg	1	10/30/25	TH	SW6010D
Barium	64.4	0.8		mg/Kg	1	10/30/25	TH	SW6010D
Beryllium	0.47	0.30		mg/Kg	1	10/30/25	TH	SW6010D
Calcium	1540	3.8		mg/Kg	1	10/30/25	TH	SW6010D
Cadmium	< 0.38	0.38		mg/Kg	1	10/30/25	TH	SW6010D
Cobalt	6.89	0.38		mg/Kg	1	10/30/25	TH	SW6010D
Chromium	17.8	0.38		mg/Kg	1	10/30/25	TH	SW6010D
Copper	18.5	0.8		mg/kg	1	10/30/25	TH	SW6010D
Iron	20400	3.8		mg/Kg	1	10/30/25	TH	SW6010D
Mercury	0.12	0.03		mg/Kg	2	10/30/25	AJ1	SW7471B
Potassium	1120	75		mg/Kg	10	10/30/25	TH	SW6010D
Magnesium	2080	3.8		mg/Kg	1	10/30/25	TH	SW6010D
Manganese	384	0.38		mg/Kg	1	10/30/25	TH	SW6010D
Sodium	138	8		mg/Kg	1	10/30/25	TH	SW6010D
Nickel	13.9	0.38		mg/Kg	1	10/30/25	TH	SW6010D
Lead	64.6	0.8		mg/Kg	1	10/30/25	TH	SW6010D
Antimony	< 3.8	3.8		mg/Kg	1	10/30/25	TH	SW6010D
Selenium	< 1.5	1.5		mg/Kg	1	10/30/25	TH	SW6010D
Thallium	< 1.5	1.5		mg/Kg	1	10/30/25	TH	SW6010D
Vanadium	27.3	0.38		mg/Kg	1	10/30/25	TH	SW6010D
Zinc	52.9	0.8		mg/Kg	1	10/30/25	TH	SW6010D
Percent Solid	91			%		10/28/25	CV	SW846-%Solid

Field Extraction	Completed					10/27/25		SW5035A	1
Mercury Digestion	Completed					10/30/25	GW/GW	SW7471B	
Soil Extraction for SVOA	Completed					11/04/25	A/A	SW3546	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					10/29/25	P/AG	SW3050B
Volatiles								
1,1,1,2-Tetrachloroethane	ND	6.1	1.2	ug/Kg	1	10/30/25	JLI	SW8260D
1,1,1-Trichloroethane	ND	6.1	0.61	ug/Kg	1	10/30/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	6.1	1.2	ug/Kg	1	10/30/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	6.1	1.2	ug/Kg	1	10/30/25	JLI	SW8260D
1,1-Dichloroethane	ND	6.1	1.2	ug/Kg	1	10/30/25	JLI	SW8260D
1,1-Dichloroethene	ND	6.1	0.61	ug/Kg	1	10/30/25	JLI	SW8260D
1,1-Dichloropropene	ND	6.1	0.61	ug/Kg	1	10/30/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	6.1	1.2	ug/Kg	1	10/30/25	JLI	SW8260D
1,2,3-Trichloropropane	ND	6.1	0.61	ug/Kg	1	10/30/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	6.1	1.2	ug/Kg	1	10/30/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	6.1	0.61	ug/Kg	1	10/30/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	6.1	1.2	ug/Kg	1	10/30/25	JLI	SW8260D
1,2-Dibromoethane	ND	6.1	0.61	ug/Kg	1	10/30/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	6.1	0.61	ug/Kg	1	10/30/25	JLI	SW8260D
1,2-Dichloroethane	ND	6.1	0.61	ug/Kg	1	10/30/25	JLI	SW8260D
1,2-Dichloropropane	ND	6.1	1.2	ug/Kg	1	10/30/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	6.1	0.61	ug/Kg	1	10/30/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	6.1	0.61	ug/Kg	1	10/30/25	JLI	SW8260D
1,3-Dichloropropane	ND	6.1	1.2	ug/Kg	1	10/30/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	6.1	0.61	ug/Kg	1	10/30/25	JLI	SW8260D
2,2-Dichloropropane	ND	6.1	0.61	ug/Kg	1	10/30/25	JLI	SW8260D
2-Chlorotoluene	ND	6.1	1.2	ug/Kg	1	10/30/25	JLI	SW8260D
2-Hexanone	ND	30	6.1	ug/Kg	1	10/30/25	JLI	SW8260D
2-Isopropyltoluene	ND	6.1	0.61	ug/Kg	1	10/30/25	JLI	SW8260D
4-Chlorotoluene	ND	6.1	0.61	ug/Kg	1	10/30/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	30	6.1	ug/Kg	1	10/30/25	JLI	SW8260D
Acetone	ND	30	6.1	ug/Kg	1	10/30/25	JLI	SW8260D
Acrylonitrile	ND	12	1.2	ug/Kg	1	10/30/25	JLI	SW8260D
Benzene	ND	6.1	0.61	ug/Kg	1	10/30/25	JLI	SW8260D
Bromobenzene	ND	6.1	0.61	ug/Kg	1	10/30/25	JLI	SW8260D
Bromochloromethane	ND	6.1	0.61	ug/Kg	1	10/30/25	JLI	SW8260D
Bromodichloromethane	ND	6.1	1.2	ug/Kg	1	10/30/25	JLI	SW8260D
Bromoform	ND	6.1	1.2	ug/Kg	1	10/30/25	JLI	SW8260D
Bromomethane	ND	6.1	2.4	ug/Kg	1	10/30/25	JLI	SW8260D
Carbon Disulfide	ND	6.1	1.2	ug/Kg	1	10/30/25	JLI	SW8260D
Carbon tetrachloride	ND	6.1	1.2	ug/Kg	1	10/30/25	JLI	SW8260D
Chlorobenzene	ND	6.1	0.61	ug/Kg	1	10/30/25	JLI	SW8260D
Chloroethane	ND	6.1	0.61	ug/Kg	1	10/30/25	JLI	SW8260D
Chloroform	ND	6.1	0.61	ug/Kg	1	10/30/25	JLI	SW8260D
Chloromethane	ND	6.1	1.2	ug/Kg	1	10/30/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	6.1	0.61	ug/Kg	1	10/30/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	6.1	0.61	ug/Kg	1	10/30/25	JLI	SW8260D
Dibromochloromethane	ND	6.1	1.2	ug/Kg	1	10/30/25	JLI	SW8260D
Dibromomethane	ND	6.1	1.2	ug/Kg	1	10/30/25	JLI	SW8260D
Dichlorodifluoromethane	ND	6.1	0.61	ug/Kg	1	10/30/25	JLI	SW8260D
Ethylbenzene	ND	6.1	0.61	ug/Kg	1	10/30/25	JLI	SW8260D
Hexachlorobutadiene	ND	6.1	0.61	ug/Kg	1	10/30/25	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Isopropylbenzene	ND	6.1	0.61	ug/Kg	1	10/30/25	JLI	SW8260D
m&p-Xylene	ND	6.1	1.2	ug/Kg	1	10/30/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	37	6.1	ug/Kg	1	10/30/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	12	1.2	ug/Kg	1	10/30/25	JLI	SW8260D
Methylene chloride	ND	6.1	6.1	ug/Kg	1	10/30/25	JLI	SW8260D
Naphthalene	ND	6.1	1.2	ug/Kg	1	10/30/25	JLI	SW8260D
n-Butylbenzene	ND	6.1	0.61	ug/Kg	1	10/30/25	JLI	SW8260D
n-Propylbenzene	ND	6.1	1.2	ug/Kg	1	10/30/25	JLI	SW8260D
o-Xylene	ND	6.1	1.2	ug/Kg	1	10/30/25	JLI	SW8260D
p-Isopropyltoluene	ND	6.1	0.61	ug/Kg	1	10/30/25	JLI	SW8260D
sec-Butylbenzene	ND	6.1	0.61	ug/Kg	1	10/30/25	JLI	SW8260D
Styrene	ND	6.1	0.61	ug/Kg	1	10/30/25	JLI	SW8260D
tert-Butylbenzene	ND	6.1	0.61	ug/Kg	1	10/30/25	JLI	SW8260D
Tetrachloroethene	1.3	J 6.1	1.2	ug/Kg	1	10/30/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	12	3.0	ug/Kg	1	10/30/25	JLI	SW8260D
Toluene	ND	6.1	0.61	ug/Kg	1	10/30/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	6.1	0.61	ug/Kg	1	10/30/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	6.1	0.61	ug/Kg	1	10/30/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	12	3.0	ug/Kg	1	10/30/25	JLI	SW8260D
Trichloroethene	ND	6.1	0.61	ug/Kg	1	10/30/25	JLI	SW8260D
Trichlorofluoromethane	ND	6.1	1.2	ug/Kg	1	10/30/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	6.1	0.61	ug/Kg	1	10/30/25	JLI	SW8260D
Vinyl chloride	ND	6.1	0.61	ug/Kg	1	10/30/25	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	10/30/25	JLI	70 - 130 %
% Bromofluorobenzene	92			%	1	10/30/25	JLI	70 - 130 %
% Dibromofluoromethane	95			%	1	10/30/25	JLI	70 - 130 %
% Toluene-d8	98			%	1	10/30/25	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	91		ug/kg	1	10/30/25	JLI	SW8260D
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	24		ug/Kg	1	10/30/25	JLI	SW8260D
Acrolein	ND	6.1		ug/Kg	1	10/30/25	JLI	SW8260D
Acrylonitrile	ND	24		ug/Kg	1	10/30/25	JLI	SW8260D
Tert-butyl alcohol	ND	120		ug/Kg	1	10/30/25	JLI	SW8260D
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	1	11/05/25	MR	SW8270E
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	11/05/25	MR	SW8270E
1,2-Dichlorobenzene	ND	250	100	ug/Kg	1	11/05/25	MR	SW8270E
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	1	11/05/25	MR	SW8270E
1,3-Dichlorobenzene	ND	250	110	ug/Kg	1	11/05/25	MR	SW8270E
1,4-Dichlorobenzene	ND	250	110	ug/Kg	1	11/05/25	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	250	99	ug/Kg	1	11/05/25	MR	SW8270E
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	1	11/05/25	MR	SW8270E
2,4,6-Trichlorophenol	ND	180	110	ug/Kg	1	11/05/25	MR	SW8270E
2,4-Dichlorophenol	ND	180	130	ug/Kg	1	11/05/25	MR	SW8270E
2,4-Dimethylphenol	ND	250	89	ug/Kg	1	11/05/25	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dinitrophenol	ND	250	250	ug/Kg	1	11/05/25	MR	SW8270E
2,4-Dinitrotoluene	ND	180	140	ug/Kg	1	11/05/25	MR	SW8270E
2,6-Dinitrotoluene	ND	180	110	ug/Kg	1	11/05/25	MR	SW8270E
2-Chloronaphthalene	ND	250	100	ug/Kg	1	11/05/25	MR	SW8270E
2-Chlorophenol	ND	250	100	ug/Kg	1	11/05/25	MR	SW8270E
2-Methylnaphthalene	ND	250	110	ug/Kg	1	11/05/25	MR	SW8270E
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	1	11/05/25	MR	SW8270E
2-Nitroaniline	ND	250	250	ug/Kg	1	11/05/25	MR	SW8270E
2-Nitrophenol	ND	250	230	ug/Kg	1	11/05/25	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	1	11/05/25	MR	SW8270E
3,3'-Dichlorobenzidine	ND	180	170	ug/Kg	1	11/05/25	MR	SW8270E
3-Nitroaniline	ND	360	720	ug/Kg	1	11/05/25	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	210	72	ug/Kg	1	11/05/25	MR	SW8270E
4-Bromophenyl phenyl ether	ND	250	110	ug/Kg	1	11/05/25	MR	SW8270E
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	1	11/05/25	MR	SW8270E
4-Chloroaniline	ND	290	170	ug/Kg	1	11/05/25	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	1	11/05/25	MR	SW8270E
4-Nitroaniline	ND	360	120	ug/Kg	1	11/05/25	MR	SW8270E
4-Nitrophenol	ND	360	160	ug/Kg	1	11/05/25	MR	SW8270E
Acenaphthene	ND	250	110	ug/Kg	1	11/05/25	MR	SW8270E
Acenaphthylene	ND	250	100	ug/Kg	1	11/05/25	MR	SW8270E
Acetophenone	ND	250	110	ug/Kg	1	11/05/25	MR	SW8270E
Aniline	ND	290	290	ug/Kg	1	11/05/25	MR	SW8270E
Anthracene	ND	250	120	ug/Kg	1	11/05/25	MR	SW8270E
Benz(a)anthracene	ND	250	120	ug/Kg	1	11/05/25	MR	SW8270E
Benzidine	ND	360	210	ug/Kg	1	11/05/25	MR	SW8270E
Benzo(a)pyrene	ND	180	120	ug/Kg	1	11/05/25	MR	SW8270E
Benzo(b)fluoranthene	ND	250	120	ug/Kg	1	11/05/25	MR	SW8270E
Benzo(ghi)perylene	ND	250	120	ug/Kg	1	11/05/25	MR	SW8270E
Benzo(k)fluoranthene	ND	250	120	ug/Kg	1	11/05/25	MR	SW8270E
Benzoic acid	ND	1800	720	ug/Kg	1	11/05/25	MR	SW8270E
Benzyl butyl phthalate	ND	250	92	ug/Kg	1	11/05/25	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	250	99	ug/Kg	1	11/05/25	MR	SW8270E
Bis(2-chloroethyl)ether	ND	180	97	ug/Kg	1	11/05/25	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	1	11/05/25	MR	SW8270E
Carbazole	ND	180	140	ug/Kg	1	11/05/25	MR	SW8270E
Chrysene	ND	250	120	ug/Kg	1	11/05/25	MR	SW8270E
Dibenz(a,h)anthracene	ND	180	120	ug/Kg	1	11/05/25	MR	SW8270E
Dibenzofuran	ND	250	100	ug/Kg	1	11/05/25	MR	SW8270E
Diethyl phthalate	ND	250	110	ug/Kg	1	11/05/25	MR	SW8270E
Dimethylphthalate	ND	250	110	ug/Kg	1	11/05/25	MR	SW8270E
Di-n-butylphthalate	ND	250	95	ug/Kg	1	11/05/25	MR	SW8270E
Di-n-octylphthalate	ND	250	92	ug/Kg	1	11/05/25	MR	SW8270E
Fluoranthene	120	J 250	120	ug/Kg	1	11/05/25	MR	SW8270E
Fluorene	ND	250	120	ug/Kg	1	11/05/25	MR	SW8270E
Hexachlorobenzene	ND	180	100	ug/Kg	1	11/05/25	MR	SW8270E
Hexachlorobutadiene	ND	250	130	ug/Kg	1	11/05/25	MR	SW8270E
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	1	11/05/25	MR	SW8270E
Hexachloroethane	ND	180	110	ug/Kg	1	11/05/25	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	1	11/05/25	MR	SW8270E
Isophorone	ND	180	100	ug/Kg	1	11/05/25	MR	SW8270E
Naphthalene	ND	250	100	ug/Kg	1	11/05/25	MR	SW8270E
Nitrobenzene	ND	180	130	ug/Kg	1	11/05/25	MR	SW8270E
N-Nitrosodimethylamine	ND	250	100	ug/Kg	1	11/05/25	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	180	120	ug/Kg	1	11/05/25	MR	SW8270E
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	11/05/25	MR	SW8270E
Pentachloronitrobenzene	ND	250	130	ug/Kg	1	11/05/25	MR	SW8270E
Pentachlorophenol	ND	210	140	ug/Kg	1	11/05/25	MR	SW8270E
Phenanthrene	ND	250	100	ug/Kg	1	11/05/25	MR	SW8270E
Phenol	ND	250	110	ug/Kg	1	11/05/25	MR	SW8270E
Pyrene	140	J 250	120	ug/Kg	1	11/05/25	MR	SW8270E
Pyridine	ND	250	88	ug/Kg	1	11/05/25	MR	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	74			%	1	11/05/25	MR	30 - 130 %
% 2-Fluorobiphenyl	77			%	1	11/05/25	MR	30 - 130 %
% 2-Fluorophenol	69			%	1	11/05/25	MR	30 - 130 %
% Nitrobenzene-d5	79			%	1	11/05/25	MR	30 - 130 %
% Phenol-d5	74			%	1	11/05/25	MR	30 - 130 %
% Terphenyl-d14	80			%	1	11/05/25	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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit
 QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

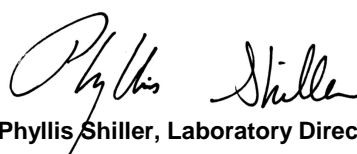
Comments:

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.

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

November 10, 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



Analysis Report

November 10, 2025

FOR: Attn: Mr Kevin Brussee
Brussee Environmental Corp
1150 Lincoln Avenue – Suite 4
Holbrook, NY 11741

Sample Information

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

Custody Information

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

Date

10/27/25
10/28/25

Time

16:35

Laboratory Data

SDG ID: GCU61212
Phoenix ID: CU61214

Project ID: 1029-1035 ATLANTIC AVENUE
Client ID: SB3 (0-2')

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.36	0.36		mg/Kg	1	10/30/25	TH	SW6010D
Aluminum	7320	3.6		mg/Kg	1	10/30/25	TH	SW6010D
Arsenic	5.90	0.72		mg/Kg	1	10/30/25	TH	SW6010D
Barium	81.3	0.7		mg/Kg	1	10/30/25	TH	SW6010D
Beryllium	0.41	0.29		mg/Kg	1	10/30/25	TH	SW6010D
Calcium	21200	36		mg/Kg	10	10/30/25	TH	SW6010D
Cadmium	0.52	0.36		mg/Kg	1	10/30/25	TH	SW6010D
Cobalt	5.86	0.36		mg/Kg	1	10/30/25	TH	SW6010D
Chromium	18.7	0.36		mg/Kg	1	10/30/25	TH	SW6010D
Copper	26.3	0.7		mg/kg	1	10/30/25	TH	SW6010D
Iron	23500	3.6		mg/Kg	1	10/30/25	TH	SW6010D
Mercury	0.97	0.26		mg/Kg	20	10/31/25	AJ1	SW7471B
Potassium	994	72		mg/Kg	10	10/30/25	TH	SW6010D
Magnesium	2230	3.6		mg/Kg	1	10/30/25	TH	SW6010D
Manganese	369	0.36		mg/Kg	1	10/30/25	TH	SW6010D
Sodium	186	7		mg/Kg	1	10/30/25	TH	SW6010D
Nickel	15.3	0.36		mg/Kg	1	10/30/25	TH	SW6010D
Lead	179	0.7		mg/Kg	1	10/30/25	TH	SW6010D
Antimony	< 3.6	3.6		mg/Kg	1	10/30/25	TH	SW6010D
Selenium	< 1.4	1.4		mg/Kg	1	10/30/25	TH	SW6010D
Thallium	< 1.4	1.4		mg/Kg	1	10/30/25	TH	SW6010D
Vanadium	33.6	0.36		mg/Kg	1	10/30/25	TH	SW6010D
Zinc	111	0.7		mg/Kg	1	10/30/25	TH	SW6010D
Percent Solid	92			%		10/28/25	CV	SW846-%Solid

Field Extraction	Completed					10/27/25		SW5035A	1
Mercury Digestion	Completed					10/31/25	!B/GW/GV	SW7471B	
Soil Extraction for SVOA	Completed					11/04/25	A/A	SW3546	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					10/29/25	P/AG	SW3050B
Volatiles								
1,1,1,2-Tetrachloroethane	ND	7.3	1.5	ug/Kg	1	10/30/25	JLI	SW8260D
1,1,1-Trichloroethane	ND	7.3	0.73	ug/Kg	1	10/30/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	7.3	1.5	ug/Kg	1	10/30/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	7.3	1.5	ug/Kg	1	10/30/25	JLI	SW8260D
1,1-Dichloroethane	ND	7.3	1.5	ug/Kg	1	10/30/25	JLI	SW8260D
1,1-Dichloroethene	ND	7.3	0.73	ug/Kg	1	10/30/25	JLI	SW8260D
1,1-Dichloropropene	ND	7.3	0.73	ug/Kg	1	10/30/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	7.3	1.5	ug/Kg	1	10/30/25	JLI	SW8260D
1,2,3-Trichloropropane	ND	7.3	0.73	ug/Kg	1	10/30/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	7.3	1.5	ug/Kg	1	10/30/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	7.3	0.73	ug/Kg	1	10/30/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	7.3	1.5	ug/Kg	1	10/30/25	JLI	SW8260D
1,2-Dibromoethane	ND	7.3	0.73	ug/Kg	1	10/30/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	7.3	0.73	ug/Kg	1	10/30/25	JLI	SW8260D
1,2-Dichloroethane	ND	7.3	0.73	ug/Kg	1	10/30/25	JLI	SW8260D
1,2-Dichloropropane	ND	7.3	1.5	ug/Kg	1	10/30/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	7.3	0.73	ug/Kg	1	10/30/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	7.3	0.73	ug/Kg	1	10/30/25	JLI	SW8260D
1,3-Dichloropropane	ND	7.3	1.5	ug/Kg	1	10/30/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	7.3	0.73	ug/Kg	1	10/30/25	JLI	SW8260D
2,2-Dichloropropane	ND	7.3	0.73	ug/Kg	1	10/30/25	JLI	SW8260D
2-Chlorotoluene	ND	7.3	1.5	ug/Kg	1	10/30/25	JLI	SW8260D
2-Hexanone	ND	37	7.3	ug/Kg	1	10/30/25	JLI	SW8260D
2-Isopropyltoluene	ND	7.3	0.73	ug/Kg	1	10/30/25	JLI	SW8260D
4-Chlorotoluene	ND	7.3	0.73	ug/Kg	1	10/30/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	37	7.3	ug/Kg	1	10/30/25	JLI	SW8260D
Acetone	ND	37	7.3	ug/Kg	1	10/30/25	JLI	SW8260D
Acrylonitrile	ND	15	1.5	ug/Kg	1	10/30/25	JLI	SW8260D
Benzene	ND	7.3	0.73	ug/Kg	1	10/30/25	JLI	SW8260D
Bromobenzene	ND	7.3	0.73	ug/Kg	1	10/30/25	JLI	SW8260D
Bromochloromethane	ND	7.3	0.73	ug/Kg	1	10/30/25	JLI	SW8260D
Bromodichloromethane	ND	7.3	1.5	ug/Kg	1	10/30/25	JLI	SW8260D
Bromoform	ND	7.3	1.5	ug/Kg	1	10/30/25	JLI	SW8260D
Bromomethane	ND	7.3	2.9	ug/Kg	1	10/30/25	JLI	SW8260D
Carbon Disulfide	ND	7.3	1.5	ug/Kg	1	10/30/25	JLI	SW8260D
Carbon tetrachloride	ND	7.3	1.5	ug/Kg	1	10/30/25	JLI	SW8260D
Chlorobenzene	ND	7.3	0.73	ug/Kg	1	10/30/25	JLI	SW8260D
Chloroethane	ND	7.3	0.73	ug/Kg	1	10/30/25	JLI	SW8260D
Chloroform	ND	7.3	0.73	ug/Kg	1	10/30/25	JLI	SW8260D
Chloromethane	ND	7.3	1.5	ug/Kg	1	10/30/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	7.3	0.73	ug/Kg	1	10/30/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	7.3	0.73	ug/Kg	1	10/30/25	JLI	SW8260D
Dibromochloromethane	ND	7.3	1.5	ug/Kg	1	10/30/25	JLI	SW8260D
Dibromomethane	ND	7.3	1.5	ug/Kg	1	10/30/25	JLI	SW8260D
Dichlorodifluoromethane	ND	7.3	0.73	ug/Kg	1	10/30/25	JLI	SW8260D
Ethylbenzene	ND	7.3	0.73	ug/Kg	1	10/30/25	JLI	SW8260D
Hexachlorobutadiene	ND	7.3	0.73	ug/Kg	1	10/30/25	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Isopropylbenzene	ND	7.3	0.73	ug/Kg	1	10/30/25	JLI	SW8260D
m&p-Xylene	ND	7.3	1.5	ug/Kg	1	10/30/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	44	7.3	ug/Kg	1	10/30/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	15	1.5	ug/Kg	1	10/30/25	JLI	SW8260D
Methylene chloride	ND	7.3	7.3	ug/Kg	1	10/30/25	JLI	SW8260D
Naphthalene	2.1	J 7.3	1.5	ug/Kg	1	10/30/25	JLI	SW8260D
n-Butylbenzene	ND	7.3	0.73	ug/Kg	1	10/30/25	JLI	SW8260D
n-Propylbenzene	ND	7.3	1.5	ug/Kg	1	10/30/25	JLI	SW8260D
o-Xylene	ND	7.3	1.5	ug/Kg	1	10/30/25	JLI	SW8260D
p-Isopropyltoluene	ND	7.3	0.73	ug/Kg	1	10/30/25	JLI	SW8260D
sec-Butylbenzene	ND	7.3	0.73	ug/Kg	1	10/30/25	JLI	SW8260D
Styrene	ND	7.3	0.73	ug/Kg	1	10/30/25	JLI	SW8260D
tert-Butylbenzene	ND	7.3	0.73	ug/Kg	1	10/30/25	JLI	SW8260D
Tetrachloroethene	ND	7.3	1.5	ug/Kg	1	10/30/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	15	3.7	ug/Kg	1	10/30/25	JLI	SW8260D
Toluene	ND	7.3	0.73	ug/Kg	1	10/30/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	7.3	0.73	ug/Kg	1	10/30/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	7.3	0.73	ug/Kg	1	10/30/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	15	3.7	ug/Kg	1	10/30/25	JLI	SW8260D
Trichloroethene	2.2	J 7.3	0.73	ug/Kg	1	10/30/25	JLI	SW8260D
Trichlorofluoromethane	ND	7.3	1.5	ug/Kg	1	10/30/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	7.3	0.73	ug/Kg	1	10/30/25	JLI	SW8260D
Vinyl chloride	ND	7.3	0.73	ug/Kg	1	10/30/25	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	103			%	1	10/30/25	JLI	70 - 130 %
% Bromofluorobenzene	86			%	1	10/30/25	JLI	70 - 130 %
% Dibromofluoromethane	95			%	1	10/30/25	JLI	70 - 130 %
% Toluene-d8	95			%	1	10/30/25	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	100		ug/kg	1	10/30/25	JLI	SW8260D
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	29		ug/Kg	1	10/30/25	JLI	SW8260D
Acrolein	ND	7.3		ug/Kg	1	10/30/25	JLI	SW8260D
Acrylonitrile	ND	29		ug/Kg	1	10/30/25	JLI	SW8260D
Tert-butyl alcohol	ND	150		ug/Kg	1	10/30/25	JLI	SW8260D
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	1	11/06/25	MR	SW8270E
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	11/06/25	MR	SW8270E
1,2-Dichlorobenzene	ND	250	100	ug/Kg	1	11/06/25	MR	SW8270E
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	1	11/06/25	MR	SW8270E
1,3-Dichlorobenzene	ND	250	110	ug/Kg	1	11/06/25	MR	SW8270E
1,4-Dichlorobenzene	ND	250	110	ug/Kg	1	11/06/25	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	250	100	ug/Kg	1	11/06/25	MR	SW8270E
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	1	11/06/25	MR	SW8270E
2,4,6-Trichlorophenol	ND	180	120	ug/Kg	1	11/06/25	MR	SW8270E
2,4-Dichlorophenol	ND	180	130	ug/Kg	1	11/06/25	MR	SW8270E
2,4-Dimethylphenol	ND	250	90	ug/Kg	1	11/06/25	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dinitrophenol	ND	250	250	ug/Kg	1	11/06/25	MR	SW8270E
2,4-Dinitrotoluene	ND	180	140	ug/Kg	1	11/06/25	MR	SW8270E
2,6-Dinitrotoluene	ND	180	110	ug/Kg	1	11/06/25	MR	SW8270E
2-Chloronaphthalene	ND	250	100	ug/Kg	1	11/06/25	MR	SW8270E
2-Chlorophenol	ND	250	100	ug/Kg	1	11/06/25	MR	SW8270E
2-Methylnaphthalene	830	250	110	ug/Kg	1	11/06/25	MR	SW8270E
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	1	11/06/25	MR	SW8270E
2-Nitroaniline	ND	250	250	ug/Kg	1	11/06/25	MR	SW8270E
2-Nitrophenol	ND	250	230	ug/Kg	1	11/06/25	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	240	J 250	140	ug/Kg	1	11/06/25	MR	SW8270E
3,3'-Dichlorobenzidine	ND	180	170	ug/Kg	1	11/06/25	MR	SW8270E
3-Nitroaniline	ND	360	720	ug/Kg	1	11/06/25	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	220	72	ug/Kg	1	11/06/25	MR	SW8270E
4-Bromophenyl phenyl ether	ND	250	110	ug/Kg	1	11/06/25	MR	SW8270E
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	1	11/06/25	MR	SW8270E
4-Chloroaniline	ND	290	170	ug/Kg	1	11/06/25	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	1	11/06/25	MR	SW8270E
4-Nitroaniline	ND	360	120	ug/Kg	1	11/06/25	MR	SW8270E
4-Nitrophenol	ND	360	160	ug/Kg	1	11/06/25	MR	SW8270E
Acenaphthene	1700	250	110	ug/Kg	1	11/06/25	MR	SW8270E
Acenaphthylene	4600	250	100	ug/Kg	1	11/06/25	MR	SW8270E
Acetophenone	ND	250	110	ug/Kg	1	11/06/25	MR	SW8270E
Aniline	ND	290	290	ug/Kg	1	11/06/25	MR	SW8270E
Anthracene	5400	250	120	ug/Kg	1	11/06/25	MR	SW8270E
Benzidine	ND	360	210	ug/Kg	1	11/06/25	MR	SW8270E
Benzo(a)anthracene	20000	6300	3000	ug/Kg	25	11/08/25	MR	SW8270E
Benzo(a)pyrene	24000	910	590	ug/Kg	5	11/06/25	MR	SW8270E
Benzo(b)fluoranthene	32000	1300	620	ug/Kg	5	11/06/25	MR	SW8270E
Benzo(ghi)perylene	14000	1300	590	ug/Kg	5	11/06/25	MR	SW8270E
Benzo(k)fluoranthene	6900	250	120	ug/Kg	1	11/06/25	MR	SW8270E
Benzoic acid	ND	1800	720	ug/Kg	1	11/06/25	MR	SW8270E
Benzyl butyl phthalate	ND	250	93	ug/Kg	1	11/06/25	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	250	100	ug/Kg	1	11/06/25	MR	SW8270E
Bis(2-chloroethyl)ether	ND	180	98	ug/Kg	1	11/06/25	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	1	11/06/25	MR	SW8270E
Carbazole	1800	180	140	ug/Kg	1	11/06/25	MR	SW8270E
Chrysene	19000	1300	610	ug/Kg	5	11/06/25	MR	SW8270E
Dibenz(a,h)anthracene	4300	180	120	ug/Kg	1	11/06/25	MR	SW8270E
Dibenzofuran	1400	250	110	ug/Kg	1	11/06/25	MR	SW8270E
Diethyl phthalate	ND	250	110	ug/Kg	1	11/06/25	MR	SW8270E
Dimethylphthalate	ND	250	110	ug/Kg	1	11/06/25	MR	SW8270E
Di-n-butylphthalate	ND	250	96	ug/Kg	1	11/06/25	MR	SW8270E
Di-n-octylphthalate	ND	250	93	ug/Kg	1	11/06/25	MR	SW8270E
Fluoranthene	35000	6300	2900	ug/Kg	25	11/08/25	MR	SW8270E
Fluorene	1800	250	120	ug/Kg	1	11/06/25	MR	SW8270E
Hexachlorobenzene	ND	180	110	ug/Kg	1	11/06/25	MR	SW8270E
Hexachlorobutadiene	ND	250	130	ug/Kg	1	11/06/25	MR	SW8270E
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	1	11/06/25	MR	SW8270E
Hexachloroethane	ND	180	110	ug/Kg	1	11/06/25	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Indeno(1,2,3-cd)pyrene	15000	1300	600	ug/Kg	5	11/06/25	MR	SW8270E
Isophorone	ND	180	100	ug/Kg	1	11/06/25	MR	SW8270E
Naphthalene	1300	250	100	ug/Kg	1	11/06/25	MR	SW8270E
Nitrobenzene	ND	180	130	ug/Kg	1	11/06/25	MR	SW8270E
N-Nitrosodimethylamine	ND	250	100	ug/Kg	1	11/06/25	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	180	120	ug/Kg	1	11/06/25	MR	SW8270E
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	11/06/25	MR	SW8270E
Pentachloronitrobenzene	ND	250	130	ug/Kg	1	11/06/25	MR	SW8270E
Pentachlorophenol	ND	220	140	ug/Kg	1	11/06/25	MR	SW8270E
Phenanthrene	20000	1300	520	ug/Kg	5	11/06/25	MR	SW8270E
Phenol	180	J 250	120	ug/Kg	1	11/06/25	MR	SW8270E
Pyrene	34000	1300	620	ug/Kg	5	11/06/25	MR	SW8270E
Pyridine	ND	250	89	ug/Kg	1	11/06/25	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	77			%	1	11/06/25	MR	30 - 130 %
% 2-Fluorobiphenyl	63			%	1	11/06/25	MR	30 - 130 %
% 2-Fluorophenol	67			%	1	11/06/25	MR	30 - 130 %
% Nitrobenzene-d5	77			%	1	11/06/25	MR	30 - 130 %
% Phenol-d5	78			%	1	11/06/25	MR	30 - 130 %
% Terphenyl-d14	61			%	1	11/06/25	MR	30 - 130 %
% 2-Fluorobiphenyl (5x)	73			%	5	11/06/25	MR	30 - 130 %
% Nitrobenzene-d5 (5x)	72			%	5	11/06/25	MR	30 - 130 %
% Terphenyl-d14 (5x)	65			%	5	11/06/25	MR	30 - 130 %
% 2-Fluorobiphenyl (25x)	Diluted Out			%	25	11/08/25	MR	30 - 130 %
% Nitrobenzene-d5 (25x)	Diluted Out			%	25	11/08/25	MR	30 - 130 %
% Terphenyl-d14 (25x)	Diluted Out			%	25	11/08/25	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
-----------	--------	------------	-------------	-------	----------	-----------	----	-----------

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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit
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.

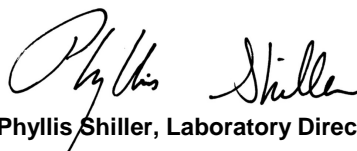
Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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.

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

November 10, 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



Analysis Report

November 10, 2025

FOR: Attn: Mr Kevin Brussee
 Brussee Environmental Corp
 1150 Lincoln Avenue – Suite 4
 Holbrook, NY 11741

Sample Information

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

Custody Information

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

Date

10/27/25
 10/28/25

Time

16:35

Laboratory Data

SDG ID: GCU61212
 Phoenix ID: CU61215

Project ID: 1029-1035 ATLANTIC AVENUE
 Client ID: SB4 (0-2')

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.36	0.36		mg/Kg	1	10/30/25	TH	SW6010D
Aluminum	7190	3.6		mg/Kg	1	10/30/25	TH	SW6010D
Arsenic	3.34	0.72		mg/Kg	1	10/30/25	TH	SW6010D
Barium	64.0	0.7		mg/Kg	1	10/30/25	TH	SW6010D
Beryllium	0.44	0.29		mg/Kg	1	10/30/25	TH	SW6010D
Calcium	2480	3.6		mg/Kg	1	10/30/25	TH	SW6010D
Cadmium	0.50	0.36		mg/Kg	1	10/30/25	TH	SW6010D
Cobalt	6.66	0.36		mg/Kg	1	10/30/25	TH	SW6010D
Chromium	15.3	0.36		mg/Kg	1	10/30/25	TH	SW6010D
Copper	29.3	0.7		mg/kg	1	10/30/25	TH	SW6010D
Iron	18900	3.6		mg/Kg	1	10/30/25	TH	SW6010D
Mercury	0.34	0.03		mg/Kg	2	10/31/25	AJ1	SW7471B
Potassium	904	72		mg/Kg	10	10/30/25	TH	SW6010D
Magnesium	1740	3.6		mg/Kg	1	10/30/25	TH	SW6010D
Manganese	342	0.36		mg/Kg	1	10/30/25	TH	SW6010D
Sodium	129	7		mg/Kg	1	10/30/25	TH	SW6010D
Nickel	15.8	0.36		mg/Kg	1	10/30/25	TH	SW6010D
Lead	263	0.7		mg/Kg	1	10/30/25	TH	SW6010D
Antimony	< 3.6	3.6		mg/Kg	1	10/30/25	TH	SW6010D
Selenium	< 1.4	1.4		mg/Kg	1	10/30/25	TH	SW6010D
Thallium	< 1.4	1.4		mg/Kg	1	10/30/25	TH	SW6010D
Vanadium	26.4	0.36		mg/Kg	1	10/30/25	TH	SW6010D
Zinc	215	0.7		mg/Kg	1	10/30/25	TH	SW6010D
Percent Solid	93			%		10/28/25	CV	SW846-%Solid

Field Extraction	Completed					10/27/25		SW5035A	1
Mercury Digestion	Completed					10/31/25	!B/GW/GV	SW7471B	
Soil Extraction for PCB	Completed					11/03/25	/Q	SW3546	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Soil Extraction for SVOA	Completed					11/04/25	A/A	SW3546
Total Metals Digest	Completed					10/29/25	P/AG	SW3050B

Polychlorinated Biphenyls

PCB-1016	ND	71	71	ug/Kg	2	11/04/25	KCA	SW8082A
PCB-1221	ND	71	71	ug/Kg	2	11/04/25	KCA	SW8082A
PCB-1232	ND	71	71	ug/Kg	2	11/04/25	KCA	SW8082A
PCB-1242	ND	71	71	ug/Kg	2	11/04/25	KCA	SW8082A
PCB-1248	ND	71	71	ug/Kg	2	11/04/25	KCA	SW8082A
PCB-1254	ND	71	71	ug/Kg	2	11/04/25	KCA	SW8082A
PCB-1260	ND	71	71	ug/Kg	2	11/04/25	KCA	SW8082A
PCB-1262	ND	71	71	ug/Kg	2	11/04/25	KCA	SW8082A
PCB-1268	ND	71	71	ug/Kg	2	11/04/25	KCA	SW8082A

QA/QC Surrogates

% DCBP	62			%	2	11/04/25	KCA	30 - 150 %
% DCBP (Confirmation)	67			%	2	11/04/25	KCA	30 - 150 %
% TCMX	61			%	2	11/04/25	KCA	30 - 150 %
% TCMX (Confirmation)	66			%	2	11/04/25	KCA	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	4.8	0.96	ug/Kg	1	10/30/25	JLI	SW8260D
1,1,1-Trichloroethane	ND	4.8	0.48	ug/Kg	1	10/30/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	4.8	0.96	ug/Kg	1	10/30/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	4.8	0.96	ug/Kg	1	10/30/25	JLI	SW8260D
1,1-Dichloroethane	ND	4.8	0.96	ug/Kg	1	10/30/25	JLI	SW8260D
1,1-Dichloroethene	ND	4.8	0.48	ug/Kg	1	10/30/25	JLI	SW8260D
1,1-Dichloropropene	ND	4.8	0.48	ug/Kg	1	10/30/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	4.8	0.96	ug/Kg	1	10/30/25	JLI	SW8260D
1,2,3-Trichloropropane	ND	4.8	0.48	ug/Kg	1	10/30/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	4.8	0.96	ug/Kg	1	10/30/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	4.8	0.48	ug/Kg	1	10/30/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	4.8	0.96	ug/Kg	1	10/30/25	JLI	SW8260D
1,2-Dibromoethane	ND	4.8	0.48	ug/Kg	1	10/30/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	4.8	0.48	ug/Kg	1	10/30/25	JLI	SW8260D
1,2-Dichloroethane	ND	4.8	0.48	ug/Kg	1	10/30/25	JLI	SW8260D
1,2-Dichloropropane	ND	4.8	0.96	ug/Kg	1	10/30/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	4.8	0.48	ug/Kg	1	10/30/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	4.8	0.48	ug/Kg	1	10/30/25	JLI	SW8260D
1,3-Dichloropropane	ND	4.8	0.96	ug/Kg	1	10/30/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	4.8	0.48	ug/Kg	1	10/30/25	JLI	SW8260D
2,2-Dichloropropane	ND	4.8	0.48	ug/Kg	1	10/30/25	JLI	SW8260D
2-Chlorotoluene	ND	4.8	0.96	ug/Kg	1	10/30/25	JLI	SW8260D
2-Hexanone	ND	24	4.8	ug/Kg	1	10/30/25	JLI	SW8260D
2-Isopropyltoluene	ND	4.8	0.48	ug/Kg	1	10/30/25	JLI	SW8260D
4-Chlorotoluene	ND	4.8	0.48	ug/Kg	1	10/30/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	24	4.8	ug/Kg	1	10/30/25	JLI	SW8260D
Acetone	ND	24	4.8	ug/Kg	1	10/30/25	JLI	SW8260D
Acrylonitrile	ND	9.6	0.96	ug/Kg	1	10/30/25	JLI	SW8260D
Benzene	ND	4.8	0.48	ug/Kg	1	10/30/25	JLI	SW8260D
Bromobenzene	ND	4.8	0.48	ug/Kg	1	10/30/25	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromochloromethane	ND	4.8	0.48	ug/Kg	1	10/30/25	JLI	SW8260D
Bromodichloromethane	ND	4.8	0.96	ug/Kg	1	10/30/25	JLI	SW8260D
Bromoform	ND	4.8	0.96	ug/Kg	1	10/30/25	JLI	SW8260D
Bromomethane	ND	4.8	1.9	ug/Kg	1	10/30/25	JLI	SW8260D
Carbon Disulfide	ND	4.8	0.96	ug/Kg	1	10/30/25	JLI	SW8260D
Carbon tetrachloride	ND	4.8	0.96	ug/Kg	1	10/30/25	JLI	SW8260D
Chlorobenzene	ND	4.8	0.48	ug/Kg	1	10/30/25	JLI	SW8260D
Chloroethane	ND	4.8	0.48	ug/Kg	1	10/30/25	JLI	SW8260D
Chloroform	ND	4.8	0.48	ug/Kg	1	10/30/25	JLI	SW8260D
Chloromethane	ND	4.8	0.96	ug/Kg	1	10/30/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	4.8	0.48	ug/Kg	1	10/30/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	4.8	0.48	ug/Kg	1	10/30/25	JLI	SW8260D
Dibromochloromethane	ND	4.8	0.96	ug/Kg	1	10/30/25	JLI	SW8260D
Dibromomethane	ND	4.8	0.96	ug/Kg	1	10/30/25	JLI	SW8260D
Dichlorodifluoromethane	ND	4.8	0.48	ug/Kg	1	10/30/25	JLI	SW8260D
Ethylbenzene	ND	4.8	0.48	ug/Kg	1	10/30/25	JLI	SW8260D
Hexachlorobutadiene	ND	4.8	0.48	ug/Kg	1	10/30/25	JLI	SW8260D
Isopropylbenzene	ND	4.8	0.48	ug/Kg	1	10/30/25	JLI	SW8260D
m&p-Xylene	ND	4.8	0.96	ug/Kg	1	10/30/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	29	4.8	ug/Kg	1	10/30/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	9.6	0.96	ug/Kg	1	10/30/25	JLI	SW8260D
Methylene chloride	ND	4.8	4.8	ug/Kg	1	10/30/25	JLI	SW8260D
Naphthalene	ND	4.8	0.96	ug/Kg	1	10/30/25	JLI	SW8260D
n-Butylbenzene	ND	4.8	0.48	ug/Kg	1	10/30/25	JLI	SW8260D
n-Propylbenzene	ND	4.8	0.96	ug/Kg	1	10/30/25	JLI	SW8260D
o-Xylene	ND	4.8	0.96	ug/Kg	1	10/30/25	JLI	SW8260D
p-Isopropyltoluene	ND	4.8	0.48	ug/Kg	1	10/30/25	JLI	SW8260D
sec-Butylbenzene	ND	4.8	0.48	ug/Kg	1	10/30/25	JLI	SW8260D
Styrene	ND	4.8	0.48	ug/Kg	1	10/30/25	JLI	SW8260D
tert-Butylbenzene	ND	4.8	0.48	ug/Kg	1	10/30/25	JLI	SW8260D
Tetrachloroethene	1.7	J 4.8	0.96	ug/Kg	1	10/30/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	9.6	2.4	ug/Kg	1	10/30/25	JLI	SW8260D
Toluene	ND	4.8	0.48	ug/Kg	1	10/30/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	4.8	0.48	ug/Kg	1	10/30/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	4.8	0.48	ug/Kg	1	10/30/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	9.6	2.4	ug/Kg	1	10/30/25	JLI	SW8260D
Trichloroethene	ND	4.8	0.48	ug/Kg	1	10/30/25	JLI	SW8260D
Trichlorofluoromethane	ND	4.8	0.96	ug/Kg	1	10/30/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	4.8	0.48	ug/Kg	1	10/30/25	JLI	SW8260D
Vinyl chloride	ND	4.8	0.48	ug/Kg	1	10/30/25	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	94			%	1	10/30/25	JLI	70 - 130 %
% Bromofluorobenzene	93			%	1	10/30/25	JLI	70 - 130 %
% Dibromofluoromethane	95			%	1	10/30/25	JLI	70 - 130 %
% Toluene-d8	97			%	1	10/30/25	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	72		ug/kg	1	10/30/25	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	19		ug/Kg	1	10/30/25	JLI	SW8260D
Acrolein	ND	4.8		ug/Kg	1	10/30/25	JLI	SW8260D
Acrylonitrile	ND	19		ug/Kg	1	10/30/25	JLI	SW8260D
Tert-butyl alcohol	ND	96		ug/Kg	1	10/30/25	JLI	SW8260D
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	250	120	ug/Kg	1	11/05/25	MR	SW8270E
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	11/05/25	MR	SW8270E
1,2-Dichlorobenzene	ND	250	100	ug/Kg	1	11/05/25	MR	SW8270E
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	1	11/05/25	MR	SW8270E
1,3-Dichlorobenzene	ND	250	100	ug/Kg	1	11/05/25	MR	SW8270E
1,4-Dichlorobenzene	ND	250	100	ug/Kg	1	11/05/25	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	250	99	ug/Kg	1	11/05/25	MR	SW8270E 1
2,4,5-Trichlorophenol	ND	250	190	ug/Kg	1	11/05/25	MR	SW8270E
2,4,6-Trichlorophenol	ND	180	110	ug/Kg	1	11/05/25	MR	SW8270E
2,4-Dichlorophenol	ND	180	120	ug/Kg	1	11/05/25	MR	SW8270E
2,4-Dimethylphenol	ND	250	88	ug/Kg	1	11/05/25	MR	SW8270E
2,4-Dinitrophenol	ND	250	250	ug/Kg	1	11/05/25	MR	SW8270E
2,4-Dinitrotoluene	ND	180	140	ug/Kg	1	11/05/25	MR	SW8270E
2,6-Dinitrotoluene	ND	180	110	ug/Kg	1	11/05/25	MR	SW8270E
2-Chloronaphthalene	ND	250	100	ug/Kg	1	11/05/25	MR	SW8270E
2-Chlorophenol	ND	250	100	ug/Kg	1	11/05/25	MR	SW8270E
2-Methylnaphthalene	ND	250	110	ug/Kg	1	11/05/25	MR	SW8270E
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	1	11/05/25	MR	SW8270E
2-Nitroaniline	ND	250	250	ug/Kg	1	11/05/25	MR	SW8270E
2-Nitrophenol	ND	250	220	ug/Kg	1	11/05/25	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	1	11/05/25	MR	SW8270E 1
3,3'-Dichlorobenzidine	ND	180	170	ug/Kg	1	11/05/25	MR	SW8270E
3-Nitroaniline	ND	350	710	ug/Kg	1	11/05/25	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	210	71	ug/Kg	1	11/05/25	MR	SW8270E
4-Bromophenyl phenyl ether	ND	250	100	ug/Kg	1	11/05/25	MR	SW8270E
4-Chloro-3-methylphenol	ND	250	120	ug/Kg	1	11/05/25	MR	SW8270E
4-Chloroaniline	ND	280	170	ug/Kg	1	11/05/25	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	1	11/05/25	MR	SW8270E
4-Nitroaniline	ND	350	120	ug/Kg	1	11/05/25	MR	SW8270E
4-Nitrophenol	ND	350	160	ug/Kg	1	11/05/25	MR	SW8270E
Acenaphthene	ND	250	110	ug/Kg	1	11/05/25	MR	SW8270E
Acenaphthylene	ND	250	99	ug/Kg	1	11/05/25	MR	SW8270E
Acetophenone	ND	250	110	ug/Kg	1	11/05/25	MR	SW8270E
Aniline	ND	280	280	ug/Kg	1	11/05/25	MR	SW8270E
Anthracene	180	J 250	120	ug/Kg	1	11/05/25	MR	SW8270E
Benzidine	ND	350	210	ug/Kg	1	11/05/25	MR	SW8270E
Benzo(a)pyrene	760	180	120	ug/Kg	1	11/05/25	MR	SW8270E
Benzo(b)fluoranthene	890	250	120	ug/Kg	1	11/05/25	MR	SW8270E
Benzo(ghi)perylene	530	250	110	ug/Kg	1	11/05/25	MR	SW8270E
Benzo(k)fluoranthene	320	250	120	ug/Kg	1	11/05/25	MR	SW8270E
Benzoic acid	ND	1800	710	ug/Kg	1	11/05/25	MR	SW8270E
Benzyl butyl phthalate	ND	250	91	ug/Kg	1	11/05/25	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bis(2-chloroethoxy)methane	ND	250	98	ug/Kg	1	11/05/25	MR	SW8270E
Bis(2-chloroethyl)ether	ND	180	96	ug/Kg	1	11/05/25	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	1	11/05/25	MR	SW8270E
Carbazole	ND	180	140	ug/Kg	1	11/05/25	MR	SW8270E
Chrysene	870	250	120	ug/Kg	1	11/05/25	MR	SW8270E
Dibenz(a,h)anthracene	120	J 180	110	ug/Kg	1	11/05/25	MR	SW8270E
Dibenzofuran	ND	250	100	ug/Kg	1	11/05/25	MR	SW8270E
Diethyl phthalate	ND	250	110	ug/Kg	1	11/05/25	MR	SW8270E
Dimethylphthalate	ND	250	110	ug/Kg	1	11/05/25	MR	SW8270E
Di-n-butylphthalate	ND	250	94	ug/Kg	1	11/05/25	MR	SW8270E
Di-n-octylphthalate	ND	250	91	ug/Kg	1	11/05/25	MR	SW8270E
Fluoranthene	1600	250	110	ug/Kg	1	11/05/25	MR	SW8270E
Fluorene	ND	250	120	ug/Kg	1	11/05/25	MR	SW8270E
Hexachlorobenzene	ND	180	100	ug/Kg	1	11/05/25	MR	SW8270E
Hexachlorobutadiene	ND	250	130	ug/Kg	1	11/05/25	MR	SW8270E
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	1	11/05/25	MR	SW8270E
Hexachloroethane	ND	180	110	ug/Kg	1	11/05/25	MR	SW8270E
Indeno(1,2,3-cd)pyrene	480	250	120	ug/Kg	1	11/05/25	MR	SW8270E
Isophorone	ND	180	99	ug/Kg	1	11/05/25	MR	SW8270E
Naphthalene	ND	250	100	ug/Kg	1	11/05/25	MR	SW8270E
Nitrobenzene	ND	180	120	ug/Kg	1	11/05/25	MR	SW8270E
N-Nitrosodimethylamine	ND	250	100	ug/Kg	1	11/05/25	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	180	110	ug/Kg	1	11/05/25	MR	SW8270E
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	11/05/25	MR	SW8270E
Pentachloronitrobenzene	ND	250	130	ug/Kg	1	11/05/25	MR	SW8270E
Pentachlorophenol	ND	210	130	ug/Kg	1	11/05/25	MR	SW8270E
Phenanthrene	1200	250	100	ug/Kg	1	11/05/25	MR	SW8270E
Phenol	ND	250	110	ug/Kg	1	11/05/25	MR	SW8270E
Pyrene	1700	250	120	ug/Kg	1	11/05/25	MR	SW8270E
Pyridine	ND	250	87	ug/Kg	1	11/05/25	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	72			%	1	11/05/25	MR	30 - 130 %
% 2-Fluorobiphenyl	74			%	1	11/05/25	MR	30 - 130 %
% 2-Fluorophenol	61			%	1	11/05/25	MR	30 - 130 %
% Nitrobenzene-d5	72			%	1	11/05/25	MR	30 - 130 %
% Phenol-d5	69			%	1	11/05/25	MR	30 - 130 %
% Terphenyl-d14	77			%	1	11/05/25	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
-----------	--------	------------	-------------	-------	----------	-----------	----	-----------

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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

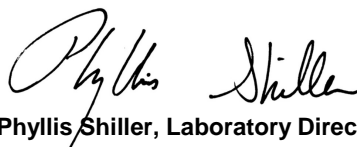
Comments:

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.

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

November 10, 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



Analysis Report

November 10, 2025

FOR: Attn: Mr Kevin Brussee
 Brussee Environmental Corp
 1150 Lincoln Avenue – Suite 4
 Holbrook, NY 11741

Sample Information

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

Custody Information

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

Date

10/27/25
 10/28/25

Time

16:35

Laboratory Data

SDG ID: GCU61212
 Phoenix ID: CU61216

Project ID: 1029-1035 ATLANTIC AVENUE
 Client ID: SB5 (0-2`)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.32	0.32		mg/Kg	1	10/30/25	TH	SW6010D
Aluminum	10900	32		mg/Kg	10	10/30/25	TH	SW6010D
Arsenic	2.54	0.64		mg/Kg	1	10/30/25	TH	SW6010D
Barium	65.0	0.6		mg/Kg	1	10/30/25	TH	SW6010D
Beryllium	0.56	0.26		mg/Kg	1	10/30/25	TH	SW6010D
Calcium	939	3.2		mg/Kg	1	10/30/25	TH	SW6010D
Cadmium	< 0.32	0.32		mg/Kg	1	10/30/25	TH	SW6010D
Cobalt	6.19	0.32		mg/Kg	1	10/30/25	TH	SW6010D
Chromium	18.3	0.32		mg/Kg	1	10/30/25	TH	SW6010D
Copper	13.0	0.6		mg/kg	1	10/30/25	TH	SW6010D
Iron	20200	3.2		mg/Kg	1	10/30/25	TH	SW6010D
Mercury	0.42	0.03		mg/Kg	2	10/31/25	AJ1	SW7471B
Potassium	695	64		mg/Kg	10	10/30/25	TH	SW6010D
Magnesium	1960	3.2		mg/Kg	1	10/30/25	TH	SW6010D
Manganese	393	0.32		mg/Kg	1	10/30/25	TH	SW6010D
Sodium	183	6		mg/Kg	1	10/30/25	TH	SW6010D
Nickel	13.8	0.32		mg/Kg	1	10/30/25	TH	SW6010D
Lead	48.5	0.6		mg/Kg	1	10/30/25	TH	SW6010D
Antimony	< 3.2	3.2		mg/Kg	1	10/30/25	TH	SW6010D
Selenium	< 1.3	1.3		mg/Kg	1	10/30/25	TH	SW6010D
Thallium	< 1.3	1.3		mg/Kg	1	10/30/25	TH	SW6010D
Vanadium	26.4	0.32		mg/Kg	1	10/30/25	TH	SW6010D
Zinc	37.8	0.6		mg/Kg	1	10/30/25	TH	SW6010D
Percent Solid	96			%		10/28/25	CV	SW846-%Solid

Field Extraction	Completed					10/27/25		SW5035A	1
Mercury Digestion	Completed					10/31/25	!B/GW/GV	SW7471B	
Soil Extraction for SVOA	Completed					11/04/25	A/A	SW3546	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					10/29/25	P/AG	SW3050B
Volatiles								
1,1,1,2-Tetrachloroethane	ND	8.1	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
1,1,1-Trichloroethane	ND	8.1	0.81	ug/Kg	1	10/30/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	8.1	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	8.1	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
1,1-Dichloroethane	ND	8.1	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
1,1-Dichloroethene	ND	8.1	0.81	ug/Kg	1	10/30/25	JLI	SW8260D
1,1-Dichloropropene	ND	8.1	0.81	ug/Kg	1	10/30/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	8.1	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
1,2,3-Trichloropropane	ND	8.1	0.81	ug/Kg	1	10/30/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	8.1	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	8.1	0.81	ug/Kg	1	10/30/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	8.1	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
1,2-Dibromoethane	ND	8.1	0.81	ug/Kg	1	10/30/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	8.1	0.81	ug/Kg	1	10/30/25	JLI	SW8260D
1,2-Dichloroethane	ND	8.1	0.81	ug/Kg	1	10/30/25	JLI	SW8260D
1,2-Dichloropropane	ND	8.1	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	8.1	0.81	ug/Kg	1	10/30/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	8.1	0.81	ug/Kg	1	10/30/25	JLI	SW8260D
1,3-Dichloropropane	ND	8.1	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	8.1	0.81	ug/Kg	1	10/30/25	JLI	SW8260D
2,2-Dichloropropane	ND	8.1	0.81	ug/Kg	1	10/30/25	JLI	SW8260D
2-Chlorotoluene	ND	8.1	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
2-Hexanone	ND	40	8.1	ug/Kg	1	10/30/25	JLI	SW8260D
2-Isopropyltoluene	ND	8.1	0.81	ug/Kg	1	10/30/25	JLI	SW8260D
4-Chlorotoluene	ND	8.1	0.81	ug/Kg	1	10/30/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	40	8.1	ug/Kg	1	10/30/25	JLI	SW8260D
Acetone	ND	40	8.1	ug/Kg	1	10/30/25	JLI	SW8260D
Acrylonitrile	ND	16	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
Benzene	ND	8.1	0.81	ug/Kg	1	10/30/25	JLI	SW8260D
Bromobenzene	ND	8.1	0.81	ug/Kg	1	10/30/25	JLI	SW8260D
Bromochloromethane	ND	8.1	0.81	ug/Kg	1	10/30/25	JLI	SW8260D
Bromodichloromethane	ND	8.1	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
Bromoform	ND	8.1	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
Bromomethane	ND	8.1	3.2	ug/Kg	1	10/30/25	JLI	SW8260D
Carbon Disulfide	ND	8.1	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
Carbon tetrachloride	ND	8.1	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
Chlorobenzene	ND	8.1	0.81	ug/Kg	1	10/30/25	JLI	SW8260D
Chloroethane	ND	8.1	0.81	ug/Kg	1	10/30/25	JLI	SW8260D
Chloroform	ND	8.1	0.81	ug/Kg	1	10/30/25	JLI	SW8260D
Chloromethane	ND	8.1	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	8.1	0.81	ug/Kg	1	10/30/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	8.1	0.81	ug/Kg	1	10/30/25	JLI	SW8260D
Dibromochloromethane	ND	8.1	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
Dibromomethane	ND	8.1	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
Dichlorodifluoromethane	ND	8.1	0.81	ug/Kg	1	10/30/25	JLI	SW8260D
Ethylbenzene	ND	8.1	0.81	ug/Kg	1	10/30/25	JLI	SW8260D
Hexachlorobutadiene	ND	8.1	0.81	ug/Kg	1	10/30/25	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Isopropylbenzene	ND	8.1	0.81	ug/Kg	1	10/30/25	JLI	SW8260D
m&p-Xylene	ND	8.1	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	48	8.1	ug/Kg	1	10/30/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	16	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
Methylene chloride	ND	8.1	8.1	ug/Kg	1	10/30/25	JLI	SW8260D
Naphthalene	1.8	J 8.1	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
n-Butylbenzene	ND	8.1	0.81	ug/Kg	1	10/30/25	JLI	SW8260D
n-Propylbenzene	ND	8.1	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
o-Xylene	ND	8.1	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
p-Isopropyltoluene	ND	8.1	0.81	ug/Kg	1	10/30/25	JLI	SW8260D
sec-Butylbenzene	ND	8.1	0.81	ug/Kg	1	10/30/25	JLI	SW8260D
Styrene	ND	8.1	0.81	ug/Kg	1	10/30/25	JLI	SW8260D
tert-Butylbenzene	ND	8.1	0.81	ug/Kg	1	10/30/25	JLI	SW8260D
Tetrachloroethene	ND	8.1	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	16	4.0	ug/Kg	1	10/30/25	JLI	SW8260D
Toluene	ND	8.1	0.81	ug/Kg	1	10/30/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	8.1	0.81	ug/Kg	1	10/30/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	8.1	0.81	ug/Kg	1	10/30/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	16	4.0	ug/Kg	1	10/30/25	JLI	SW8260D
Trichloroethene	0.90	J 8.1	0.81	ug/Kg	1	10/30/25	JLI	SW8260D
Trichlorofluoromethane	ND	8.1	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	8.1	0.81	ug/Kg	1	10/30/25	JLI	SW8260D
Vinyl chloride	ND	8.1	0.81	ug/Kg	1	10/30/25	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	10/30/25	JLI	70 - 130 %
% Bromofluorobenzene	92			%	1	10/30/25	JLI	70 - 130 %
% Dibromofluoromethane	96			%	1	10/30/25	JLI	70 - 130 %
% Toluene-d8	97			%	1	10/30/25	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	100		ug/kg	1	10/30/25	JLI	SW8260D
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	32		ug/Kg	1	10/30/25	JLI	SW8260D
Acrolein	ND	8.1		ug/Kg	1	10/30/25	JLI	SW8260D
Acrylonitrile	ND	32		ug/Kg	1	10/30/25	JLI	SW8260D
Tert-butyl alcohol	ND	160		ug/Kg	1	10/30/25	JLI	SW8260D
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	1	11/05/25	MR	SW8270E
1,2,4-Trichlorobenzene	ND	240	100	ug/Kg	1	11/05/25	MR	SW8270E
1,2-Dichlorobenzene	ND	240	97	ug/Kg	1	11/05/25	MR	SW8270E
1,2-Diphenylhydrazine	ND	240	110	ug/Kg	1	11/05/25	MR	SW8270E
1,3-Dichlorobenzene	ND	240	100	ug/Kg	1	11/05/25	MR	SW8270E
1,4-Dichlorobenzene	ND	240	100	ug/Kg	1	11/05/25	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	240	95	ug/Kg	1	11/05/25	MR	SW8270E
2,4,5-Trichlorophenol	ND	240	190	ug/Kg	1	11/05/25	MR	SW8270E
2,4,6-Trichlorophenol	ND	170	110	ug/Kg	1	11/05/25	MR	SW8270E
2,4-Dichlorophenol	ND	170	120	ug/Kg	1	11/05/25	MR	SW8270E
2,4-Dimethylphenol	ND	240	85	ug/Kg	1	11/05/25	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dinitrophenol	ND	240	240	ug/Kg	1	11/05/25	MR	SW8270E
2,4-Dinitrotoluene	ND	170	140	ug/Kg	1	11/05/25	MR	SW8270E
2,6-Dinitrotoluene	ND	170	110	ug/Kg	1	11/05/25	MR	SW8270E
2-Chloronaphthalene	ND	240	98	ug/Kg	1	11/05/25	MR	SW8270E
2-Chlorophenol	ND	240	98	ug/Kg	1	11/05/25	MR	SW8270E
2-Methylnaphthalene	ND	240	100	ug/Kg	1	11/05/25	MR	SW8270E
2-Methylphenol (o-cresol)	ND	240	160	ug/Kg	1	11/05/25	MR	SW8270E
2-Nitroaniline	ND	240	240	ug/Kg	1	11/05/25	MR	SW8270E
2-Nitrophenol	ND	240	220	ug/Kg	1	11/05/25	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	240	140	ug/Kg	1	11/05/25	MR	SW8270E
3,3'-Dichlorobenzidine	ND	170	160	ug/Kg	1	11/05/25	MR	SW8270E
3-Nitroaniline	ND	340	690	ug/Kg	1	11/05/25	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	210	69	ug/Kg	1	11/05/25	MR	SW8270E
4-Bromophenyl phenyl ether	ND	240	100	ug/Kg	1	11/05/25	MR	SW8270E
4-Chloro-3-methylphenol	ND	240	120	ug/Kg	1	11/05/25	MR	SW8270E
4-Chloroaniline	ND	270	160	ug/Kg	1	11/05/25	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	240	120	ug/Kg	1	11/05/25	MR	SW8270E
4-Nitroaniline	ND	340	110	ug/Kg	1	11/05/25	MR	SW8270E
4-Nitrophenol	ND	340	160	ug/Kg	1	11/05/25	MR	SW8270E
Acenaphthene	140	J 240	100	ug/Kg	1	11/05/25	MR	SW8270E
Acenaphthylene	ND	240	96	ug/Kg	1	11/05/25	MR	SW8270E
Acetophenone	ND	240	110	ug/Kg	1	11/05/25	MR	SW8270E
Aniline	ND	270	270	ug/Kg	1	11/05/25	MR	SW8270E
Anthracene	270	240	110	ug/Kg	1	11/05/25	MR	SW8270E
Benz(a)anthracene	590	240	120	ug/Kg	1	11/05/25	MR	SW8270E
Benzidine	ND	340	200	ug/Kg	1	11/05/25	MR	SW8270E
Benzo(a)pyrene	520	170	110	ug/Kg	1	11/05/25	MR	SW8270E
Benzo(b)fluoranthene	640	240	120	ug/Kg	1	11/05/25	MR	SW8270E
Benzo(ghi)perylene	310	240	110	ug/Kg	1	11/05/25	MR	SW8270E
Benzo(k)fluoranthene	240	J 240	110	ug/Kg	1	11/05/25	MR	SW8270E
Benzoic acid	ND	1700	690	ug/Kg	1	11/05/25	MR	SW8270E
Benzyl butyl phthalate	ND	240	89	ug/Kg	1	11/05/25	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	240	95	ug/Kg	1	11/05/25	MR	SW8270E
Bis(2-chloroethyl)ether	ND	170	93	ug/Kg	1	11/05/25	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	240	99	ug/Kg	1	11/05/25	MR	SW8270E
Carbazole	140	J 170	140	ug/Kg	1	11/05/25	MR	SW8270E
Chrysene	590	240	120	ug/Kg	1	11/05/25	MR	SW8270E
Dibenz(a,h)anthracene	ND	170	110	ug/Kg	1	11/05/25	MR	SW8270E
Dibenzofuran	ND	240	100	ug/Kg	1	11/05/25	MR	SW8270E
Diethyl phthalate	ND	240	110	ug/Kg	1	11/05/25	MR	SW8270E
Dimethylphthalate	ND	240	110	ug/Kg	1	11/05/25	MR	SW8270E
Di-n-butylphthalate	ND	240	91	ug/Kg	1	11/05/25	MR	SW8270E
Di-n-octylphthalate	ND	240	89	ug/Kg	1	11/05/25	MR	SW8270E
Fluoranthene	1400	240	110	ug/Kg	1	11/05/25	MR	SW8270E
Fluorene	ND	240	110	ug/Kg	1	11/05/25	MR	SW8270E
Hexachlorobenzene	ND	170	100	ug/Kg	1	11/05/25	MR	SW8270E
Hexachlorobutadiene	ND	240	120	ug/Kg	1	11/05/25	MR	SW8270E
Hexachlorocyclopentadiene	ND	240	110	ug/Kg	1	11/05/25	MR	SW8270E
Hexachloroethane	ND	170	100	ug/Kg	1	11/05/25	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Indeno(1,2,3-cd)pyrene	310	240	110	ug/Kg	1	11/05/25	MR	SW8270E
Isophorone	ND	170	96	ug/Kg	1	11/05/25	MR	SW8270E
Naphthalene	ND	240	99	ug/Kg	1	11/05/25	MR	SW8270E
Nitrobenzene	ND	170	120	ug/Kg	1	11/05/25	MR	SW8270E
N-Nitrosodimethylamine	ND	240	97	ug/Kg	1	11/05/25	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	170	110	ug/Kg	1	11/05/25	MR	SW8270E
N-Nitrosodiphenylamine	ND	240	130	ug/Kg	1	11/05/25	MR	SW8270E
Pentachloronitrobenzene	ND	240	130	ug/Kg	1	11/05/25	MR	SW8270E
Pentachlorophenol	ND	210	130	ug/Kg	1	11/05/25	MR	SW8270E
Phenanthrene	1300	240	98	ug/Kg	1	11/05/25	MR	SW8270E
Phenol	ND	240	110	ug/Kg	1	11/05/25	MR	SW8270E
Pyrene	1200	240	120	ug/Kg	1	11/05/25	MR	SW8270E
Pyridine	ND	240	84	ug/Kg	1	11/05/25	MR	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	84			%	1	11/05/25	MR	30 - 130 %
% 2-Fluorobiphenyl	81			%	1	11/05/25	MR	30 - 130 %
% 2-Fluorophenol	76			%	1	11/05/25	MR	30 - 130 %
% Nitrobenzene-d5	77			%	1	11/05/25	MR	30 - 130 %
% Phenol-d5	82			%	1	11/05/25	MR	30 - 130 %
% Terphenyl-d14	85			%	1	11/05/25	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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit
 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.

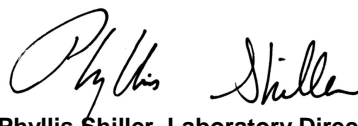
Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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.

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

November 10, 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



Analysis Report

November 10, 2025

FOR: Attn: Mr Kevin Brussee
 Brussee Environmental Corp
 1150 Lincoln Avenue – Suite 4
 Holbrook, NY 11741

Sample Information

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

Custody Information

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

Date

10/27/25
 10/28/25

Time

16:35

Laboratory Data

SDG ID: GCU61212
 Phoenix ID: CU61217

Project ID: 1029-1035 ATLANTIC AVENUE
 Client ID: SB6 (0-2')

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.34	0.34		mg/Kg	1	10/30/25	TH	SW6010D
Aluminum	9670	34		mg/Kg	10	10/30/25	TH	SW6010D
Arsenic	3.81	0.68		mg/Kg	1	10/30/25	TH	SW6010D
Barium	149	0.7		mg/Kg	1	10/30/25	TH	SW6010D
Beryllium	0.54	0.27		mg/Kg	1	10/30/25	TH	SW6010D
Calcium	17900	34		mg/Kg	10	10/30/25	TH	SW6010D
Cadmium	0.47	0.34		mg/Kg	1	10/30/25	TH	SW6010D
Cobalt	7.20	0.34		mg/Kg	1	10/30/25	TH	SW6010D
Chromium	18.3	0.34		mg/Kg	1	10/30/25	TH	SW6010D
Copper	28.5	0.7		mg/kg	1	10/30/25	TH	SW6010D
Iron	25400	3.4		mg/Kg	1	10/30/25	TH	SW6010D
Mercury	23.8	1.4		mg/Kg	100	10/31/25	AJ1	SW7471B
Potassium	1540	68		mg/Kg	10	10/30/25	TH	SW6010D
Magnesium	3640	3.4		mg/Kg	1	10/30/25	TH	SW6010D
Manganese	655	0.34		mg/Kg	1	10/30/25	TH	SW6010D
Sodium	281	7		mg/Kg	1	10/30/25	TH	SW6010D
Nickel	15.1	0.34		mg/Kg	1	10/30/25	TH	SW6010D
Lead	1110	0.7		mg/Kg	1	10/30/25	TH	SW6010D
Antimony	< 3.4	3.4		mg/Kg	1	10/30/25	TH	SW6010D
Selenium	< 1.4	1.4		mg/Kg	1	10/30/25	TH	SW6010D
Thallium	< 1.4	1.4		mg/Kg	1	10/30/25	TH	SW6010D
Vanadium	26.2	0.34		mg/Kg	1	10/30/25	TH	SW6010D
Zinc	113	0.7		mg/Kg	1	10/30/25	TH	SW6010D
Percent Solid	87			%		10/28/25	CV	SW846-%Solid

Field Extraction	Completed					10/27/25		SW5035A	1
Mercury Digestion	Completed					10/31/25	:B/GW/GV	SW7471B	
Soil Extraction for SVOA	Completed					11/04/25	A/A	SW3546	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					10/29/25	P/AG	SW3050B
Volatiles								
1,1,1,2-Tetrachloroethane	ND	7.8	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
1,1,1-Trichloroethane	ND	7.8	0.78	ug/Kg	1	10/30/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	350	71	ug/Kg	50	11/01/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	7.8	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
1,1-Dichloroethane	ND	7.8	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
1,1-Dichloroethene	ND	7.8	0.78	ug/Kg	1	10/30/25	JLI	SW8260D
1,1-Dichloropropene	ND	7.8	0.78	ug/Kg	1	10/30/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	350	71	ug/Kg	50	11/01/25	JLI	SW8260D
1,2,3-Trichloropropane	ND	350	35	ug/Kg	50	11/01/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	350	71	ug/Kg	50	11/01/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	350	35	ug/Kg	50	11/01/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	350	71	ug/Kg	50	11/01/25	JLI	SW8260D
1,2-Dibromoethane	ND	7.8	0.78	ug/Kg	1	10/30/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	350	35	ug/Kg	50	11/01/25	JLI	SW8260D
1,2-Dichloroethane	ND	7.8	0.78	ug/Kg	1	10/30/25	JLI	SW8260D
1,2-Dichloropropane	ND	7.8	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	350	35	ug/Kg	50	11/01/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	350	35	ug/Kg	50	11/01/25	JLI	SW8260D
1,3-Dichloropropane	ND	7.8	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	350	35	ug/Kg	50	11/01/25	JLI	SW8260D
2,2-Dichloropropane	ND	7.8	0.78	ug/Kg	1	10/30/25	JLI	SW8260D
2-Chlorotoluene	ND	350	71	ug/Kg	50	11/01/25	JLI	SW8260D
2-Hexanone	ND	39	7.8	ug/Kg	1	10/30/25	JLI	SW8260D
2-Isopropyltoluene	ND	350	35	ug/Kg	50	11/01/25	JLI	SW8260D
4-Chlorotoluene	ND	350	35	ug/Kg	50	11/01/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	39	7.8	ug/Kg	1	10/30/25	JLI	SW8260D
Acetone	ND	39	7.8	ug/Kg	1	10/30/25	JLI	SW8260D
Acrylonitrile	ND	16	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
Benzene	ND	7.8	0.78	ug/Kg	1	10/30/25	JLI	SW8260D
Bromobenzene	ND	350	35	ug/Kg	50	11/01/25	JLI	SW8260D
Bromochloromethane	ND	7.8	0.78	ug/Kg	1	10/30/25	JLI	SW8260D
Bromodichloromethane	ND	7.8	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
Bromoform	ND	7.8	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
Bromomethane	ND	7.8	3.1	ug/Kg	1	10/30/25	JLI	SW8260D
Carbon Disulfide	ND	7.8	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
Carbon tetrachloride	ND	7.8	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
Chlorobenzene	ND	7.8	0.78	ug/Kg	1	10/30/25	JLI	SW8260D
Chloroethane	ND	7.8	0.78	ug/Kg	1	10/30/25	JLI	SW8260D
Chloroform	ND	7.8	0.78	ug/Kg	1	10/30/25	JLI	SW8260D
Chloromethane	ND	7.8	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	7.8	0.78	ug/Kg	1	10/30/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	7.8	0.78	ug/Kg	1	10/30/25	JLI	SW8260D
Dibromochloromethane	ND	7.8	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
Dibromomethane	ND	7.8	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
Dichlorodifluoromethane	ND	7.8	0.78	ug/Kg	1	10/30/25	JLI	SW8260D
Ethylbenzene	ND	7.8	0.78	ug/Kg	1	10/30/25	JLI	SW8260D
Hexachlorobutadiene	ND	350	35	ug/Kg	50	11/01/25	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Isopropylbenzene	ND	350	35	ug/Kg	50	11/01/25	JLI	SW8260D
m&p-Xylene	ND	7.8	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	47	7.8	ug/Kg	1	10/30/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	16	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
Methylene chloride	ND	7.8	7.8	ug/Kg	1	10/30/25	JLI	SW8260D
Naphthalene	ND	350	71	ug/Kg	50	11/01/25	JLI	SW8260D
n-Butylbenzene	ND	350	35	ug/Kg	50	11/01/25	JLI	SW8260D
n-Propylbenzene	ND	350	71	ug/Kg	50	11/01/25	JLI	SW8260D
o-Xylene	ND	7.8	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
p-Isopropyltoluene	ND	350	35	ug/Kg	50	11/01/25	JLI	SW8260D
sec-Butylbenzene	ND	350	35	ug/Kg	50	11/01/25	JLI	SW8260D
Styrene	ND	7.8	0.78	ug/Kg	1	10/30/25	JLI	SW8260D
tert-Butylbenzene	ND	350	35	ug/Kg	50	11/01/25	JLI	SW8260D
Tetrachloroethene	ND	7.8	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	16	3.9	ug/Kg	1	10/30/25	JLI	SW8260D
Toluene	ND	7.8	0.78	ug/Kg	1	10/30/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	7.8	0.78	ug/Kg	1	10/30/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	7.8	0.78	ug/Kg	1	10/30/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	710	180	ug/Kg	50	11/01/25	JLI	SW8260D
Trichloroethene	1200	350	35	ug/Kg	50	11/01/25	JLI	SW8260D
Trichlorofluoromethane	ND	7.8	1.6	ug/Kg	1	10/30/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	7.8	0.78	ug/Kg	1	10/30/25	JLI	SW8260D
Vinyl chloride	ND	7.8	0.78	ug/Kg	1	10/30/25	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	106			%	1	10/30/25	JLI	70 - 130 %
% Bromofluorobenzene	79			%	1	10/30/25	JLI	70 - 130 %
% Dibromofluoromethane	99			%	1	10/30/25	JLI	70 - 130 %
% Toluene-d8	94			%	1	10/30/25	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	102			%	50	11/01/25	JLI	70 - 130 %
% Bromofluorobenzene (50x)	98			%	50	11/01/25	JLI	70 - 130 %
% Dibromofluoromethane (50x)	95			%	50	11/01/25	JLI	70 - 130 %
% Toluene-d8 (50x)	99			%	50	11/01/25	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	100		ug/kg	1	10/30/25	JLI	SW8260D
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	31		ug/Kg	1	10/30/25	JLI	SW8260D
Acrolein	ND	7.8		ug/Kg	1	10/30/25	JLI	SW8260D
Acrylonitrile	ND	31		ug/Kg	1	10/30/25	JLI	SW8260D
Tert-butyl alcohol	ND	160		ug/Kg	1	10/30/25	JLI	SW8260D
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	270	130	ug/Kg	1	11/06/25	MR	SW8270E
1,2,4-Trichlorobenzene	ND	270	110	ug/Kg	1	11/06/25	MR	SW8270E
1,2-Dichlorobenzene	ND	270	110	ug/Kg	1	11/06/25	MR	SW8270E
1,2-Diphenylhydrazine	ND	270	120	ug/Kg	1	11/06/25	MR	SW8270E
1,3-Dichlorobenzene	ND	270	110	ug/Kg	1	11/06/25	MR	SW8270E
1,4-Dichlorobenzene	ND	270	110	ug/Kg	1	11/06/25	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	270	110	ug/Kg	1	11/06/25	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4,5-Trichlorophenol	ND	270	210	ug/Kg	1	11/06/25	MR	SW8270E
2,4,6-Trichlorophenol	ND	190	120	ug/Kg	1	11/06/25	MR	SW8270E
2,4-Dichlorophenol	ND	190	130	ug/Kg	1	11/06/25	MR	SW8270E
2,4-Dimethylphenol	ND	270	94	ug/Kg	1	11/06/25	MR	SW8270E
2,4-Dinitrophenol	ND	270	270	ug/Kg	1	11/06/25	MR	SW8270E
2,4-Dinitrotoluene	ND	190	150	ug/Kg	1	11/06/25	MR	SW8270E
2,6-Dinitrotoluene	ND	190	120	ug/Kg	1	11/06/25	MR	SW8270E
2-Chloronaphthalene	ND	270	110	ug/Kg	1	11/06/25	MR	SW8270E
2-Chlorophenol	ND	270	110	ug/Kg	1	11/06/25	MR	SW8270E
2-Methylnaphthalene	290	270	110	ug/Kg	1	11/06/25	MR	SW8270E
2-Methylphenol (o-cresol)	ND	270	180	ug/Kg	1	11/06/25	MR	SW8270E
2-Nitroaniline	ND	270	270	ug/Kg	1	11/06/25	MR	SW8270E
2-Nitrophenol	ND	270	240	ug/Kg	1	11/06/25	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	270	150	ug/Kg	1	11/06/25	MR	SW8270E
3,3'-Dichlorobenzidine	ND	190	180	ug/Kg	1	11/06/25	MR	SW8270E
3-Nitroaniline	ND	380	760	ug/Kg	1	11/06/25	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	230	76	ug/Kg	1	11/06/25	MR	SW8270E
4-Bromophenyl phenyl ether	ND	270	110	ug/Kg	1	11/06/25	MR	SW8270E
4-Chloro-3-methylphenol	ND	270	130	ug/Kg	1	11/06/25	MR	SW8270E
4-Chloroaniline	ND	300	180	ug/Kg	1	11/06/25	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	11/06/25	MR	SW8270E
4-Nitroaniline	ND	380	130	ug/Kg	1	11/06/25	MR	SW8270E
4-Nitrophenol	ND	380	170	ug/Kg	1	11/06/25	MR	SW8270E
Acenaphthene	560	270	120	ug/Kg	1	11/06/25	MR	SW8270E
Acenaphthylene	870	270	110	ug/Kg	1	11/06/25	MR	SW8270E
Acetophenone	ND	270	120	ug/Kg	1	11/06/25	MR	SW8270E
Aniline	ND	300	300	ug/Kg	1	11/06/25	MR	SW8270E
Anthracene	1400	270	120	ug/Kg	1	11/06/25	MR	SW8270E
Benz(a)anthracene	4000	270	130	ug/Kg	1	11/06/25	MR	SW8270E
Benzidine	ND	380	220	ug/Kg	1	11/06/25	MR	SW8270E
Benzo(a)pyrene	4300	190	120	ug/Kg	1	11/06/25	MR	SW8270E
Benzo(b)fluoranthene	5400	270	130	ug/Kg	1	11/06/25	MR	SW8270E
Benzo(ghi)perylene	2800	270	120	ug/Kg	1	11/06/25	MR	SW8270E
Benzo(k)fluoranthene	1900	270	130	ug/Kg	1	11/06/25	MR	SW8270E
Benzoic acid	ND	1900	760	ug/Kg	1	11/06/25	MR	SW8270E
Benzyl butyl phthalate	ND	270	98	ug/Kg	1	11/06/25	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	270	100	ug/Kg	1	11/06/25	MR	SW8270E
Bis(2-chloroethyl)ether	ND	190	100	ug/Kg	1	11/06/25	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	270	110	ug/Kg	1	11/06/25	MR	SW8270E
Carbazole	710	190	150	ug/Kg	1	11/06/25	MR	SW8270E
Chrysene	4100	270	130	ug/Kg	1	11/06/25	MR	SW8270E
Dibenz(a,h)anthracene	620	190	120	ug/Kg	1	11/06/25	MR	SW8270E
Dibenzofuran	540	270	110	ug/Kg	1	11/06/25	MR	SW8270E
Diethyl phthalate	ND	270	120	ug/Kg	1	11/06/25	MR	SW8270E
Dimethylphthalate	ND	270	120	ug/Kg	1	11/06/25	MR	SW8270E
Di-n-butylphthalate	ND	270	100	ug/Kg	1	11/06/25	MR	SW8270E
Di-n-octylphthalate	ND	270	98	ug/Kg	1	11/06/25	MR	SW8270E
Fluoranthene	9300	1300	610	ug/Kg	5	11/06/25	MR	SW8270E
Fluorene	600	270	130	ug/Kg	1	11/06/25	MR	SW8270E

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Hexachlorobenzene	ND	190	110	ug/Kg	1	11/06/25	MR	SW8270E
Hexachlorobutadiene	ND	270	140	ug/Kg	1	11/06/25	MR	SW8270E
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	11/06/25	MR	SW8270E
Hexachloroethane	ND	190	110	ug/Kg	1	11/06/25	MR	SW8270E
Indeno(1,2,3-cd)pyrene	2900	270	130	ug/Kg	1	11/06/25	MR	SW8270E
Isophorone	ND	190	110	ug/Kg	1	11/06/25	MR	SW8270E
Naphthalene	480	270	110	ug/Kg	1	11/06/25	MR	SW8270E
Nitrobenzene	ND	190	130	ug/Kg	1	11/06/25	MR	SW8270E
N-Nitrosodimethylamine	ND	270	110	ug/Kg	1	11/06/25	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	190	120	ug/Kg	1	11/06/25	MR	SW8270E
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	1	11/06/25	MR	SW8270E
Pentachloronitrobenzene	ND	270	140	ug/Kg	1	11/06/25	MR	SW8270E
Pentachlorophenol	ND	230	140	ug/Kg	1	11/06/25	MR	SW8270E
Phenanthrene	6700	270	110	ug/Kg	1	11/06/25	MR	SW8270E
Phenol	ND	270	120	ug/Kg	1	11/06/25	MR	SW8270E
Pyrene	7900	1300	650	ug/Kg	5	11/06/25	MR	SW8270E
Pyridine	ND	270	93	ug/Kg	1	11/06/25	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	80			%	1	11/06/25	MR	30 - 130 %
% 2-Fluorobiphenyl	65			%	1	11/06/25	MR	30 - 130 %
% 2-Fluorophenol	64			%	1	11/06/25	MR	30 - 130 %
% Nitrobenzene-d5	73			%	1	11/06/25	MR	30 - 130 %
% Phenol-d5	72			%	1	11/06/25	MR	30 - 130 %
% Terphenyl-d14	83			%	1	11/06/25	MR	30 - 130 %
% 2-Fluorobiphenyl (5x)	82			%	5	11/06/25	MR	30 - 130 %
% Nitrobenzene-d5 (5x)	67			%	5	11/06/25	MR	30 - 130 %
% Terphenyl-d14 (5x)	73			%	5	11/06/25	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
-----------	--------	------------	-------------	-------	----------	-----------	----	-----------

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 LOD=Limit of Detection MDL=Method Detection Limit1

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.

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.

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

November 10, 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



Analysis Report

November 10, 2025

FOR: Attn: Mr Kevin Brussee
 Brussee Environmental Corp
 1150 Lincoln Avenue – Suite 4
 Holbrook, NY 11741

Sample Information

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

Custody Information

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

Date

10/27/25
 10/28/25

Time

16:35

Laboratory Data

SDG ID: GCU61212
 Phoenix ID: CU61218

Project ID: 1029-1035 ATLANTIC AVENUE
 Client ID: SB7 (0-2')

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.32	0.32		mg/Kg	1	10/30/25	TH	SW6010D
Aluminum	10100	32		mg/Kg	10	10/30/25	TH	SW6010D
Arsenic	3.36	0.63		mg/Kg	1	10/30/25	TH	SW6010D
Barium	132	0.6		mg/Kg	1	10/30/25	TH	SW6010D
Beryllium	0.49	0.25		mg/Kg	1	10/30/25	TH	SW6010D
Calcium	1900	3.2		mg/Kg	1	10/30/25	TH	SW6010D
Cadmium	0.53	0.32		mg/Kg	1	10/30/25	TH	SW6010D
Cobalt	6.34	0.32		mg/Kg	1	10/30/25	TH	SW6010D
Chromium	28.8	0.32		mg/Kg	1	10/30/25	TH	SW6010D
Copper	34.9	0.6		mg/kg	1	10/30/25	TH	SW6010D
Iron	29500	3.2		mg/Kg	1	10/30/25	TH	SW6010D
Mercury	1.23	0.14		mg/Kg	10	10/31/25	AJ1	SW7471B
Potassium	923	63		mg/Kg	10	10/30/25	TH	SW6010D
Magnesium	2140	3.2		mg/Kg	1	10/30/25	TH	SW6010D
Manganese	379	0.32		mg/Kg	1	10/30/25	TH	SW6010D
Sodium	113	6		mg/Kg	1	10/30/25	TH	SW6010D
Nickel	18.2	0.32		mg/Kg	1	10/30/25	TH	SW6010D
Lead	337	0.6		mg/Kg	1	10/30/25	TH	SW6010D
Antimony	< 3.2	3.2		mg/Kg	1	10/30/25	TH	SW6010D
Selenium	< 1.3	1.3		mg/Kg	1	10/30/25	TH	SW6010D
Thallium	< 1.3	1.3		mg/Kg	1	10/30/25	TH	SW6010D
Vanadium	33.0	0.32		mg/Kg	1	10/30/25	TH	SW6010D
Zinc	133	0.6		mg/Kg	1	10/30/25	TH	SW6010D
Percent Solid	95			%		10/28/25	CV	SW846-%Solid

Field Extraction	Completed					10/27/25		SW5035A	1
Mercury Digestion	Completed					10/31/25	:B/GW/GV	SW7471B	
Soil Extraction for SVOA	Completed					11/04/25	A/A	SW3546	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					10/29/25	P/AG	SW3050B
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.7	0.95	ug/Kg	1	10/30/25	JLI	SW8260D
1,1,1-Trichloroethane	ND	4.7	0.47	ug/Kg	1	10/30/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	4.7	0.95	ug/Kg	1	10/30/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	4.7	0.95	ug/Kg	1	10/30/25	JLI	SW8260D
1,1-Dichloroethane	ND	4.7	0.95	ug/Kg	1	10/30/25	JLI	SW8260D
1,1-Dichloroethene	ND	4.7	0.47	ug/Kg	1	10/30/25	JLI	SW8260D
1,1-Dichloropropene	ND	4.7	0.47	ug/Kg	1	10/30/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	4.7	0.95	ug/Kg	1	10/30/25	JLI	SW8260D
1,2,3-Trichloropropane	ND	4.7	0.47	ug/Kg	1	10/30/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	4.7	0.95	ug/Kg	1	10/30/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	4.7	0.47	ug/Kg	1	10/30/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	4.7	0.95	ug/Kg	1	10/30/25	JLI	SW8260D
1,2-Dibromoethane	ND	4.7	0.47	ug/Kg	1	10/30/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	4.7	0.47	ug/Kg	1	10/30/25	JLI	SW8260D
1,2-Dichloroethane	ND	4.7	0.47	ug/Kg	1	10/30/25	JLI	SW8260D
1,2-Dichloropropane	ND	4.7	0.95	ug/Kg	1	10/30/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	4.7	0.47	ug/Kg	1	10/30/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	4.7	0.47	ug/Kg	1	10/30/25	JLI	SW8260D
1,3-Dichloropropane	ND	4.7	0.95	ug/Kg	1	10/30/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	4.7	0.47	ug/Kg	1	10/30/25	JLI	SW8260D
2,2-Dichloropropane	ND	4.7	0.47	ug/Kg	1	10/30/25	JLI	SW8260D
2-Chlorotoluene	ND	4.7	0.95	ug/Kg	1	10/30/25	JLI	SW8260D
2-Hexanone	ND	24	4.7	ug/Kg	1	10/30/25	JLI	SW8260D
2-Isopropyltoluene	ND	4.7	0.47	ug/Kg	1	10/30/25	JLI	SW8260D
4-Chlorotoluene	ND	4.7	0.47	ug/Kg	1	10/30/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	24	4.7	ug/Kg	1	10/30/25	JLI	SW8260D
Acetone	ND	24	4.7	ug/Kg	1	10/30/25	JLI	SW8260D
Acrylonitrile	ND	9.5	0.95	ug/Kg	1	10/30/25	JLI	SW8260D
Benzene	ND	4.7	0.47	ug/Kg	1	10/30/25	JLI	SW8260D
Bromobenzene	ND	4.7	0.47	ug/Kg	1	10/30/25	JLI	SW8260D
Bromochloromethane	ND	4.7	0.47	ug/Kg	1	10/30/25	JLI	SW8260D
Bromodichloromethane	ND	4.7	0.95	ug/Kg	1	10/30/25	JLI	SW8260D
Bromoform	ND	4.7	0.95	ug/Kg	1	10/30/25	JLI	SW8260D
Bromomethane	ND	4.7	1.9	ug/Kg	1	10/30/25	JLI	SW8260D
Carbon Disulfide	ND	4.7	0.95	ug/Kg	1	10/30/25	JLI	SW8260D
Carbon tetrachloride	ND	4.7	0.95	ug/Kg	1	10/30/25	JLI	SW8260D
Chlorobenzene	ND	4.7	0.47	ug/Kg	1	10/30/25	JLI	SW8260D
Chloroethane	ND	4.7	0.47	ug/Kg	1	10/30/25	JLI	SW8260D
Chloroform	ND	4.7	0.47	ug/Kg	1	10/30/25	JLI	SW8260D
Chloromethane	ND	4.7	0.95	ug/Kg	1	10/30/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	4.7	0.47	ug/Kg	1	10/30/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	4.7	0.47	ug/Kg	1	10/30/25	JLI	SW8260D
Dibromochloromethane	ND	4.7	0.95	ug/Kg	1	10/30/25	JLI	SW8260D
Dibromomethane	ND	4.7	0.95	ug/Kg	1	10/30/25	JLI	SW8260D
Dichlorodifluoromethane	ND	4.7	0.47	ug/Kg	1	10/30/25	JLI	SW8260D
Ethylbenzene	ND	4.7	0.47	ug/Kg	1	10/30/25	JLI	SW8260D
Hexachlorobutadiene	ND	4.7	0.47	ug/Kg	1	10/30/25	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Isopropylbenzene	ND	4.7	0.47	ug/Kg	1	10/30/25	JLI	SW8260D
m&p-Xylene	ND	4.7	0.95	ug/Kg	1	10/30/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	28	4.7	ug/Kg	1	10/30/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	9.5	0.95	ug/Kg	1	10/30/25	JLI	SW8260D
Methylene chloride	ND	4.7	4.7	ug/Kg	1	10/30/25	JLI	SW8260D
Naphthalene	ND	4.7	0.95	ug/Kg	1	10/30/25	JLI	SW8260D
n-Butylbenzene	ND	4.7	0.47	ug/Kg	1	10/30/25	JLI	SW8260D
n-Propylbenzene	ND	4.7	0.95	ug/Kg	1	10/30/25	JLI	SW8260D
o-Xylene	ND	4.7	0.95	ug/Kg	1	10/30/25	JLI	SW8260D
p-Isopropyltoluene	ND	4.7	0.47	ug/Kg	1	10/30/25	JLI	SW8260D
sec-Butylbenzene	ND	4.7	0.47	ug/Kg	1	10/30/25	JLI	SW8260D
Styrene	ND	4.7	0.47	ug/Kg	1	10/30/25	JLI	SW8260D
tert-Butylbenzene	ND	4.7	0.47	ug/Kg	1	10/30/25	JLI	SW8260D
Tetrachloroethene	ND	4.7	0.95	ug/Kg	1	10/30/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	9.5	2.4	ug/Kg	1	10/30/25	JLI	SW8260D
Toluene	ND	4.7	0.47	ug/Kg	1	10/30/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	4.7	0.47	ug/Kg	1	10/30/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	4.7	0.47	ug/Kg	1	10/30/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	9.5	2.4	ug/Kg	1	10/30/25	JLI	SW8260D
Trichloroethene	ND	4.7	0.47	ug/Kg	1	10/30/25	JLI	SW8260D
Trichlorofluoromethane	ND	4.7	0.95	ug/Kg	1	10/30/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	4.7	0.47	ug/Kg	1	10/30/25	JLI	SW8260D
Vinyl chloride	ND	4.7	0.47	ug/Kg	1	10/30/25	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	98			%	1	10/30/25	JLI	70 - 130 %
% Bromofluorobenzene	93			%	1	10/30/25	JLI	70 - 130 %
% Dibromofluoromethane	97			%	1	10/30/25	JLI	70 - 130 %
% Toluene-d8	98			%	1	10/30/25	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	71		ug/kg	1	10/30/25	JLI	SW8260D
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	19		ug/Kg	1	10/30/25	JLI	SW8260D
Acrolein	ND	4.7		ug/Kg	1	10/30/25	JLI	SW8260D
Acrylonitrile	ND	19		ug/Kg	1	10/30/25	JLI	SW8260D
Tert-butyl alcohol	ND	95		ug/Kg	1	10/30/25	JLI	SW8260D
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	1	11/06/25	MR	SW8270E
1,2,4-Trichlorobenzene	ND	240	110	ug/Kg	1	11/06/25	MR	SW8270E
1,2-Dichlorobenzene	ND	240	98	ug/Kg	1	11/06/25	MR	SW8270E
1,2-Diphenylhydrazine	ND	240	110	ug/Kg	1	11/06/25	MR	SW8270E
1,3-Dichlorobenzene	ND	240	100	ug/Kg	1	11/06/25	MR	SW8270E
1,4-Dichlorobenzene	ND	240	100	ug/Kg	1	11/06/25	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	240	97	ug/Kg	1	11/06/25	MR	SW8270E
2,4,5-Trichlorophenol	ND	240	190	ug/Kg	1	11/06/25	MR	SW8270E
2,4,6-Trichlorophenol	ND	170	110	ug/Kg	1	11/06/25	MR	SW8270E
2,4-Dichlorophenol	ND	170	120	ug/Kg	1	11/06/25	MR	SW8270E
2,4-Dimethylphenol	ND	240	86	ug/Kg	1	11/06/25	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dinitrophenol	ND	240	240	ug/Kg	1	11/06/25	MR	SW8270E
2,4-Dinitrotoluene	ND	170	140	ug/Kg	1	11/06/25	MR	SW8270E
2,6-Dinitrotoluene	ND	170	110	ug/Kg	1	11/06/25	MR	SW8270E
2-Chloronaphthalene	ND	240	99	ug/Kg	1	11/06/25	MR	SW8270E
2-Chlorophenol	ND	240	99	ug/Kg	1	11/06/25	MR	SW8270E
2-Methylnaphthalene	200	J 240	100	ug/Kg	1	11/06/25	MR	SW8270E
2-Methylphenol (o-cresol)	ND	240	160	ug/Kg	1	11/06/25	MR	SW8270E
2-Nitroaniline	ND	240	240	ug/Kg	1	11/06/25	MR	SW8270E
2-Nitrophenol	ND	240	220	ug/Kg	1	11/06/25	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	240	140	ug/Kg	1	11/06/25	MR	SW8270E
3,3'-Dichlorobenzidine	ND	170	160	ug/Kg	1	11/06/25	MR	SW8270E
3-Nitroaniline	ND	350	700	ug/Kg	1	11/06/25	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	210	70	ug/Kg	1	11/06/25	MR	SW8270E
4-Bromophenyl phenyl ether	ND	240	100	ug/Kg	1	11/06/25	MR	SW8270E
4-Chloro-3-methylphenol	ND	240	120	ug/Kg	1	11/06/25	MR	SW8270E
4-Chloroaniline	ND	280	160	ug/Kg	1	11/06/25	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	240	120	ug/Kg	1	11/06/25	MR	SW8270E
4-Nitroaniline	ND	350	120	ug/Kg	1	11/06/25	MR	SW8270E
4-Nitrophenol	ND	350	160	ug/Kg	1	11/06/25	MR	SW8270E
Acenaphthene	930	240	110	ug/Kg	1	11/06/25	MR	SW8270E
Acenaphthylene	440	240	98	ug/Kg	1	11/06/25	MR	SW8270E
Acetophenone	ND	240	110	ug/Kg	1	11/06/25	MR	SW8270E
Aniline	ND	280	280	ug/Kg	1	11/06/25	MR	SW8270E
Anthracene	1700	240	110	ug/Kg	1	11/06/25	MR	SW8270E
Benzidine	ND	350	200	ug/Kg	1	11/06/25	MR	SW8270E
Benzo(a)anthracene	4300	240	120	ug/Kg	1	11/06/25	MR	SW8270E
Benzo(a)pyrene	4000	170	110	ug/Kg	1	11/06/25	MR	SW8270E
Benzo(b)fluoranthene	4600	240	120	ug/Kg	1	11/06/25	MR	SW8270E
Benzo(ghi)perylene	2900	240	110	ug/Kg	1	11/06/25	MR	SW8270E
Benzo(k)fluoranthene	1500	240	120	ug/Kg	1	11/06/25	MR	SW8270E
Benzoic acid	ND	1700	700	ug/Kg	1	11/06/25	MR	SW8270E
Benzyl butyl phthalate	ND	240	90	ug/Kg	1	11/06/25	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	240	96	ug/Kg	1	11/06/25	MR	SW8270E
Bis(2-chloroethyl)ether	ND	170	94	ug/Kg	1	11/06/25	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	240	100	ug/Kg	1	11/06/25	MR	SW8270E
Carbazole	360	170	140	ug/Kg	1	11/06/25	MR	SW8270E
Chrysene	4200	240	120	ug/Kg	1	11/06/25	MR	SW8270E
Dibenz(a,h)anthracene	530	170	110	ug/Kg	1	11/06/25	MR	SW8270E
Dibenzofuran	160	J 240	100	ug/Kg	1	11/06/25	MR	SW8270E
Diethyl phthalate	ND	240	110	ug/Kg	1	11/06/25	MR	SW8270E
Dimethylphthalate	ND	240	110	ug/Kg	1	11/06/25	MR	SW8270E
Di-n-butylphthalate	ND	240	93	ug/Kg	1	11/06/25	MR	SW8270E
Di-n-octylphthalate	ND	240	90	ug/Kg	1	11/06/25	MR	SW8270E
Fluoranthene	8600	1200	560	ug/Kg	5	11/06/25	MR	SW8270E
Fluorene	790	240	110	ug/Kg	1	11/06/25	MR	SW8270E
Hexachlorobenzene	ND	170	100	ug/Kg	1	11/06/25	MR	SW8270E
Hexachlorobutadiene	ND	240	130	ug/Kg	1	11/06/25	MR	SW8270E
Hexachlorocyclopentadiene	ND	240	110	ug/Kg	1	11/06/25	MR	SW8270E
Hexachloroethane	ND	170	100	ug/Kg	1	11/06/25	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Indeno(1,2,3-cd)pyrene	2400	240	120	ug/Kg	1	11/06/25	MR	SW8270E
Isophorone	ND	170	98	ug/Kg	1	11/06/25	MR	SW8270E
Naphthalene	180	J 240	100	ug/Kg	1	11/06/25	MR	SW8270E
Nitrobenzene	ND	170	120	ug/Kg	1	11/06/25	MR	SW8270E
N-Nitrosodimethylamine	ND	240	98	ug/Kg	1	11/06/25	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	170	110	ug/Kg	1	11/06/25	MR	SW8270E
N-Nitrosodiphenylamine	ND	240	130	ug/Kg	1	11/06/25	MR	SW8270E
Pentachloronitrobenzene	ND	240	130	ug/Kg	1	11/06/25	MR	SW8270E
Pentachlorophenol	ND	210	130	ug/Kg	1	11/06/25	MR	SW8270E
Phenanthrene	12000	1200	500	ug/Kg	5	11/06/25	MR	SW8270E
Phenol	ND	240	110	ug/Kg	1	11/06/25	MR	SW8270E
Pyrene	11000	1200	600	ug/Kg	5	11/06/25	MR	SW8270E
Pyridine	ND	240	86	ug/Kg	1	11/06/25	MR	SW8270E

QA/QC Surrogates

% 2,4,6-Tribromophenol	90			%	1	11/06/25	MR	30 - 130 %
% 2-Fluorobiphenyl	72			%	1	11/06/25	MR	30 - 130 %
% 2-Fluorophenol	76			%	1	11/06/25	MR	30 - 130 %
% Nitrobenzene-d5	88			%	1	11/06/25	MR	30 - 130 %
% Phenol-d5	86			%	1	11/06/25	MR	30 - 130 %
% Terphenyl-d14	96			%	1	11/06/25	MR	30 - 130 %
% 2-Fluorobiphenyl (5x)	96			%	5	11/06/25	MR	30 - 130 %
% Nitrobenzene-d5 (5x)	81			%	5	11/06/25	MR	30 - 130 %
% Terphenyl-d14 (5x)	88			%	5	11/06/25	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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit
 QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

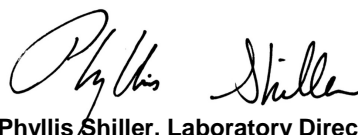
Comments:

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.

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

November 10, 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



Analysis Report

November 10, 2025

FOR: Attn: Mr Kevin Brussee
 Brussee Environmental Corp
 1150 Lincoln Avenue – Suite 4
 Holbrook, NY 11741

Sample Information

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

Custody Information

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

Date

10/27/25
 10/28/25

Time

16:35

Laboratory Data

SDG ID: GCU61212
 Phoenix ID: CU61219

Project ID: 1029-1035 ATLANTIC AVENUE
 Client ID: SB8 (0-2`)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.39	0.39		mg/Kg	1	10/30/25	TH	SW6010D
Aluminum	8780	39		mg/Kg	10	10/30/25	TH	SW6010D
Arsenic	5.22	0.78		mg/Kg	1	10/30/25	TH	SW6010D
Barium	176	0.8		mg/Kg	1	10/30/25	TH	SW6010D
Beryllium	0.49	0.31		mg/Kg	1	10/30/25	TH	SW6010D
Calcium	59800	39		mg/Kg	10	10/30/25	TH	SW6010D
Cadmium	2.45	0.39		mg/Kg	1	10/30/25	TH	SW6010D
Cobalt	6.33	0.39		mg/Kg	1	10/30/25	TH	SW6010D
Chromium	15.1	0.39		mg/Kg	1	10/30/25	TH	SW6010D
Copper	41.5	0.8		mg/kg	1	10/30/25	TH	SW6010D
Iron	19300	3.9		mg/Kg	1	10/30/25	TH	SW6010D
Mercury	4.28	0.28		mg/Kg	20	10/31/25	AJ1	SW7471B
Potassium	1520	78		mg/Kg	10	10/30/25	TH	SW6010D
Magnesium	3390	3.9		mg/Kg	1	10/30/25	TH	SW6010D
Manganese	319	0.39		mg/Kg	1	10/30/25	TH	SW6010D
Sodium	361	8		mg/Kg	1	10/30/25	TH	SW6010D
Nickel	14.3	0.39		mg/Kg	1	10/30/25	TH	SW6010D
Lead	604	0.8		mg/Kg	1	10/30/25	TH	SW6010D
Antimony	< 3.9	3.9		mg/Kg	1	10/30/25	TH	SW6010D
Selenium	< 1.6	1.6		mg/Kg	1	10/30/25	TH	SW6010D
Thallium	< 1.6	1.6		mg/Kg	1	10/30/25	TH	SW6010D
Vanadium	22.3	0.39		mg/Kg	1	10/30/25	TH	SW6010D
Zinc	740	7.8		mg/Kg	10	10/30/25	TH	SW6010D
Percent Solid	88			%		10/28/25	CV	SW846-%Solid

Field Extraction	Completed					10/27/25		SW5035A	1
Mercury Digestion	Completed					10/31/25	:B/GW/GV	SW7471B	
Soil Extraction for SVOA	Completed					11/04/25	A/A	SW3546	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					10/29/25	P/AG	SW3050B
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.4	1.1	ug/Kg	1	10/30/25	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.4	0.54	ug/Kg	1	10/30/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.4	1.1	ug/Kg	1	10/30/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.4	1.1	ug/Kg	1	10/30/25	JLI	SW8260D
1,1-Dichloroethane	ND	5.4	1.1	ug/Kg	1	10/30/25	JLI	SW8260D
1,1-Dichloroethene	ND	5.4	0.54	ug/Kg	1	10/30/25	JLI	SW8260D
1,1-Dichloropropene	ND	5.4	0.54	ug/Kg	1	10/30/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.4	1.1	ug/Kg	1	10/30/25	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.4	0.54	ug/Kg	1	10/30/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.4	1.1	ug/Kg	1	10/30/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.4	0.54	ug/Kg	1	10/30/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.4	1.1	ug/Kg	1	10/30/25	JLI	SW8260D
1,2-Dibromoethane	ND	5.4	0.54	ug/Kg	1	10/30/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.4	0.54	ug/Kg	1	10/30/25	JLI	SW8260D
1,2-Dichloroethane	ND	5.4	0.54	ug/Kg	1	10/30/25	JLI	SW8260D
1,2-Dichloropropane	ND	5.4	1.1	ug/Kg	1	10/30/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.4	0.54	ug/Kg	1	10/30/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.4	0.54	ug/Kg	1	10/30/25	JLI	SW8260D
1,3-Dichloropropane	ND	5.4	1.1	ug/Kg	1	10/30/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.4	0.54	ug/Kg	1	10/30/25	JLI	SW8260D
2,2-Dichloropropane	ND	5.4	0.54	ug/Kg	1	10/30/25	JLI	SW8260D
2-Chlorotoluene	ND	5.4	1.1	ug/Kg	1	10/30/25	JLI	SW8260D
2-Hexanone	ND	27	5.4	ug/Kg	1	10/30/25	JLI	SW8260D
2-Isopropyltoluene	ND	5.4	0.54	ug/Kg	1	10/30/25	JLI	SW8260D
4-Chlorotoluene	ND	5.4	0.54	ug/Kg	1	10/30/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	27	5.4	ug/Kg	1	10/30/25	JLI	SW8260D
Acetone	ND	27	5.4	ug/Kg	1	10/30/25	JLI	SW8260D
Acrylonitrile	ND	11	1.1	ug/Kg	1	10/30/25	JLI	SW8260D
Benzene	ND	5.4	0.54	ug/Kg	1	10/30/25	JLI	SW8260D
Bromobenzene	ND	5.4	0.54	ug/Kg	1	10/30/25	JLI	SW8260D
Bromochloromethane	ND	5.4	0.54	ug/Kg	1	10/30/25	JLI	SW8260D
Bromodichloromethane	ND	5.4	1.1	ug/Kg	1	10/30/25	JLI	SW8260D
Bromoform	ND	5.4	1.1	ug/Kg	1	10/30/25	JLI	SW8260D
Bromomethane	ND	5.4	2.2	ug/Kg	1	10/30/25	JLI	SW8260D
Carbon Disulfide	ND	5.4	1.1	ug/Kg	1	10/30/25	JLI	SW8260D
Carbon tetrachloride	ND	5.4	1.1	ug/Kg	1	10/30/25	JLI	SW8260D
Chlorobenzene	ND	5.4	0.54	ug/Kg	1	10/30/25	JLI	SW8260D
Chloroethane	ND	5.4	0.54	ug/Kg	1	10/30/25	JLI	SW8260D
Chloroform	ND	5.4	0.54	ug/Kg	1	10/30/25	JLI	SW8260D
Chloromethane	ND	5.4	1.1	ug/Kg	1	10/30/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.4	0.54	ug/Kg	1	10/30/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.4	0.54	ug/Kg	1	10/30/25	JLI	SW8260D
Dibromochloromethane	ND	5.4	1.1	ug/Kg	1	10/30/25	JLI	SW8260D
Dibromomethane	ND	5.4	1.1	ug/Kg	1	10/30/25	JLI	SW8260D
Dichlorodifluoromethane	ND	5.4	0.54	ug/Kg	1	10/30/25	JLI	SW8260D
Ethylbenzene	ND	5.4	0.54	ug/Kg	1	10/30/25	JLI	SW8260D
Hexachlorobutadiene	ND	5.4	0.54	ug/Kg	1	10/30/25	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Isopropylbenzene	ND	5.4	0.54	ug/Kg	1	10/30/25	JLI	SW8260D
m&p-Xylene	ND	5.4	1.1	ug/Kg	1	10/30/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	32	5.4	ug/Kg	1	10/30/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	1.1	ug/Kg	1	10/30/25	JLI	SW8260D
Methylene chloride	ND	5.4	5.4	ug/Kg	1	10/30/25	JLI	SW8260D
Naphthalene	ND	5.4	1.1	ug/Kg	1	10/30/25	JLI	SW8260D
n-Butylbenzene	ND	5.4	0.54	ug/Kg	1	10/30/25	JLI	SW8260D
n-Propylbenzene	ND	5.4	1.1	ug/Kg	1	10/30/25	JLI	SW8260D
o-Xylene	ND	5.4	1.1	ug/Kg	1	10/30/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.4	0.54	ug/Kg	1	10/30/25	JLI	SW8260D
sec-Butylbenzene	ND	5.4	0.54	ug/Kg	1	10/30/25	JLI	SW8260D
Styrene	ND	5.4	0.54	ug/Kg	1	10/30/25	JLI	SW8260D
tert-Butylbenzene	ND	5.4	0.54	ug/Kg	1	10/30/25	JLI	SW8260D
Tetrachloroethene	ND	5.4	1.1	ug/Kg	1	10/30/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	2.7	ug/Kg	1	10/30/25	JLI	SW8260D
Toluene	ND	5.4	0.54	ug/Kg	1	10/30/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.4	0.54	ug/Kg	1	10/30/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.4	0.54	ug/Kg	1	10/30/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	2.7	ug/Kg	1	10/30/25	JLI	SW8260D
Trichloroethene	0.84	J 5.4	0.54	ug/Kg	1	10/30/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.4	1.1	ug/Kg	1	10/30/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.4	0.54	ug/Kg	1	10/30/25	JLI	SW8260D
Vinyl chloride	ND	5.4	0.54	ug/Kg	1	10/30/25	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	97			%	1	10/30/25	JLI	70 - 130 %
% Bromofluorobenzene	92			%	1	10/30/25	JLI	70 - 130 %
% Dibromofluoromethane	93			%	1	10/30/25	JLI	70 - 130 %
% Toluene-d8	98			%	1	10/30/25	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	81		ug/kg	1	10/30/25	JLI	SW8260D
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	22		ug/Kg	1	10/30/25	JLI	SW8260D
Acrolein	ND	5.4		ug/Kg	1	10/30/25	JLI	SW8260D
Acrylonitrile	ND	22		ug/Kg	1	10/30/25	JLI	SW8260D
Tert-butyl alcohol	ND	110		ug/Kg	1	10/30/25	JLI	SW8260D
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	1	11/06/25	MR	SW8270E
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	11/06/25	MR	SW8270E
1,2-Dichlorobenzene	ND	260	100	ug/Kg	1	11/06/25	MR	SW8270E
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	1	11/06/25	MR	SW8270E
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	11/06/25	MR	SW8270E
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	11/06/25	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	260	100	ug/Kg	1	11/06/25	MR	SW8270E
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	1	11/06/25	MR	SW8270E
2,4,6-Trichlorophenol	ND	190	120	ug/Kg	1	11/06/25	MR	SW8270E
2,4-Dichlorophenol	ND	190	130	ug/Kg	1	11/06/25	MR	SW8270E
2,4-Dimethylphenol	ND	260	92	ug/Kg	1	11/06/25	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dinitrophenol	ND	260	260	ug/Kg	1	11/06/25	MR	SW8270E
2,4-Dinitrotoluene	ND	190	150	ug/Kg	1	11/06/25	MR	SW8270E
2,6-Dinitrotoluene	ND	190	120	ug/Kg	1	11/06/25	MR	SW8270E
2-Chloronaphthalene	ND	260	110	ug/Kg	1	11/06/25	MR	SW8270E
2-Chlorophenol	ND	260	110	ug/Kg	1	11/06/25	MR	SW8270E
2-Methylnaphthalene	ND	260	110	ug/Kg	1	11/06/25	MR	SW8270E
2-Methylphenol (o-cresol)	ND	260	170	ug/Kg	1	11/06/25	MR	SW8270E
2-Nitroaniline	ND	260	260	ug/Kg	1	11/06/25	MR	SW8270E
2-Nitrophenol	ND	260	240	ug/Kg	1	11/06/25	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	1	11/06/25	MR	SW8270E
3,3'-Dichlorobenzidine	ND	190	180	ug/Kg	1	11/06/25	MR	SW8270E
3-Nitroaniline	ND	370	740	ug/Kg	1	11/06/25	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	220	74	ug/Kg	1	11/06/25	MR	SW8270E
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	1	11/06/25	MR	SW8270E
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	11/06/25	MR	SW8270E
4-Chloroaniline	ND	300	170	ug/Kg	1	11/06/25	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	260	120	ug/Kg	1	11/06/25	MR	SW8270E
4-Nitroaniline	ND	370	120	ug/Kg	1	11/06/25	MR	SW8270E
4-Nitrophenol	ND	370	170	ug/Kg	1	11/06/25	MR	SW8270E
Acenaphthene	260	J 260	110	ug/Kg	1	11/06/25	MR	SW8270E
Acenaphthylene	570	260	100	ug/Kg	1	11/06/25	MR	SW8270E
Acetophenone	ND	260	120	ug/Kg	1	11/06/25	MR	SW8270E
Aniline	ND	300	300	ug/Kg	1	11/06/25	MR	SW8270E
Anthracene	820	260	120	ug/Kg	1	11/06/25	MR	SW8270E
Benzidine	ND	370	220	ug/Kg	1	11/06/25	MR	SW8270E
Benzo(a)anthracene	3300	260	120	ug/Kg	1	11/06/25	MR	SW8270E
Benzo(a)pyrene	3600	190	120	ug/Kg	1	11/06/25	MR	SW8270E
Benzo(b)fluoranthene	4500	260	130	ug/Kg	1	11/06/25	MR	SW8270E
Benzo(ghi)perylene	2600	260	120	ug/Kg	1	11/06/25	MR	SW8270E
Benzo(k)fluoranthene	1500	260	120	ug/Kg	1	11/06/25	MR	SW8270E
Benzoic acid	ND	1900	740	ug/Kg	1	11/06/25	MR	SW8270E
Benzyl butyl phthalate	ND	260	96	ug/Kg	1	11/06/25	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	11/06/25	MR	SW8270E
Bis(2-chloroethyl)ether	ND	190	100	ug/Kg	1	11/06/25	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	1	11/06/25	MR	SW8270E
Carbazole	450	190	150	ug/Kg	1	11/06/25	MR	SW8270E
Chrysene	3500	260	120	ug/Kg	1	11/06/25	MR	SW8270E
Dibenz(a,h)anthracene	540	190	120	ug/Kg	1	11/06/25	MR	SW8270E
Dibenzofuran	190	J 260	110	ug/Kg	1	11/06/25	MR	SW8270E
Diethyl phthalate	ND	260	120	ug/Kg	1	11/06/25	MR	SW8270E
Dimethylphthalate	ND	260	120	ug/Kg	1	11/06/25	MR	SW8270E
Di-n-butylphthalate	ND	260	99	ug/Kg	1	11/06/25	MR	SW8270E
Di-n-octylphthalate	ND	260	96	ug/Kg	1	11/06/25	MR	SW8270E
Fluoranthene	7500	1300	600	ug/Kg	5	11/06/25	MR	SW8270E
Fluorene	300	260	120	ug/Kg	1	11/06/25	MR	SW8270E
Hexachlorobenzene	ND	190	110	ug/Kg	1	11/06/25	MR	SW8270E
Hexachlorobutadiene	ND	260	130	ug/Kg	1	11/06/25	MR	SW8270E
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	1	11/06/25	MR	SW8270E
Hexachloroethane	ND	190	110	ug/Kg	1	11/06/25	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Indeno(1,2,3-cd)pyrene	2600	260	120	ug/Kg	1	11/06/25	MR	SW8270E
Isophorone	ND	190	100	ug/Kg	1	11/06/25	MR	SW8270E
Naphthalene	140	J 260	110	ug/Kg	1	11/06/25	MR	SW8270E
Nitrobenzene	ND	190	130	ug/Kg	1	11/06/25	MR	SW8270E
N-Nitrosodimethylamine	ND	260	100	ug/Kg	1	11/06/25	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	190	120	ug/Kg	1	11/06/25	MR	SW8270E
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	11/06/25	MR	SW8270E
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	11/06/25	MR	SW8270E
Pentachlorophenol	ND	220	140	ug/Kg	1	11/06/25	MR	SW8270E
Phenanthrene	4300	260	110	ug/Kg	1	11/06/25	MR	SW8270E
Phenol	ND	260	120	ug/Kg	1	11/06/25	MR	SW8270E
Pyrene	6900	260	130	ug/Kg	1	11/06/25	MR	SW8270E
Pyridine	ND	260	91	ug/Kg	1	11/06/25	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	47			%	1	11/06/25	MR	30 - 130 %
% 2-Fluorobiphenyl	69			%	1	11/06/25	MR	30 - 130 %
% 2-Fluorophenol	57			%	1	11/06/25	MR	30 - 130 %
% Nitrobenzene-d5	76			%	1	11/06/25	MR	30 - 130 %
% Phenol-d5	70			%	1	11/06/25	MR	30 - 130 %
% Terphenyl-d14	90			%	1	11/06/25	MR	30 - 130 %
% 2-Fluorobiphenyl (5x)	93			%	5	11/06/25	MR	30 - 130 %
% Nitrobenzene-d5 (5x)	79			%	5	11/06/25	MR	30 - 130 %
% Terphenyl-d14 (5x)	83			%	5	11/06/25	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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit
 QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

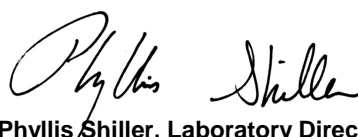
Comments:

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.

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

November 10, 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



QA/QC Report

November 10, 2025

QA/QC Data

SDG I.D.: GCU61212

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 811335 (mg/kg), QC Sample No: CU60446 (CU61212, CU61213)													
Mercury - Soil	BRL	0.03	<0.03	<0.03	NC	98.7	101	2.3	106	105	0.9	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 811565 (mg/kg), QC Sample No: CU61214 (CU61214, CU61215, CU61216, CU61217, CU61218, CU61219)													
Mercury - Soil	BRL	0.03	0.97	3.97	122	95.4	96.8	1.5	>125	111	NC	70 - 130	30 m,r
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 811206 (mg/kg), QC Sample No: CU61212 (CU61212, CU61213, CU61214, CU61215, CU61216, CU61217, CU61218, CU61219)													
ICP Metals - Soil													
Aluminum	BRL	5.0	9180	10100	9.50	98.5	107	8.3	NC			75 - 125	30
Antimony	BRL	3.3	<3.5	<3.5	NC	91.3	103	12.0	82.7			75 - 125	30
Arsenic	BRL	0.67	4.54	4.42	2.70	99.8	109	8.8	88.9			75 - 125	30
Barium	BRL	0.33	81.4	85.8	5.30	111	113	1.8	120			75 - 125	30
Beryllium	BRL	0.27	0.44	0.46	NC	103	120	15.2	93.6			75 - 125	30
Cadmium	BRL	0.33	0.43	0.46	NC	93.1	106	13.0	85.5			75 - 125	30
Calcium	BRL	5.0	14700	17900	19.6	103	118	13.6	NC			75 - 125	30
Chromium	BRL	0.33	18.8	19.1	1.60	99.2	115	14.8	93.7			75 - 125	30
Cobalt	BRL	0.33	6.66	8.14	20.0	102	117	13.7	91.1			75 - 125	30
Copper	BRL	0.67	29.2	33.4	13.4	105	118	11.7	111			75 - 125	30
Iron	BRL	5.0	26300	27500	4.50	104	110	5.6	NC			75 - 125	30
Lead	BRL	0.33	338	244	32.3	96.1	103	6.9	>130			75 - 125	30 m,r
Magnesium	BRL	5.0	2570	3330	25.8	98.6	107	8.2	NC			75 - 125	30
Manganese	BRL	0.33	437	470	7.30	108	120	10.5	>130			75 - 125	30 m
Nickel	BRL	0.33	16.3	16.8	3.00	98.7	114	14.4	91.0			75 - 125	30
Potassium	BRL	5.0	1280	1720	29.3	96.6	103	6.4	>130			75 - 125	30 m
Selenium	BRL	1.3	<1.4	<1.4	NC	87.3	96.1	9.6	73.4			75 - 125	30 m
Silver	BRL	0.33	<0.35	<0.35	NC	107	116	8.1	96.7			75 - 125	30
Sodium	BRL	5.0	326	327	0.30	106	124	15.7	>130			75 - 125	30 m
Thallium	BRL	3.0	<1.4	<3.2	NC	96.1	107	10.7	87.6			75 - 125	30
Vanadium	BRL	0.33	40.1	34.7	14.4	98.5	112	12.8	90.9			75 - 125	30
Zinc	BRL	0.67	95.9	101	5.20	94.6	106	11.4	107			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.
r = This parameter is outside laboratory RPD specified recovery limits.



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



QA/QC Report

November 10, 2025

QA/QC Data

SDG I.D.: GCU61212

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 811979 (ug/Kg), QC Sample No: CU61215 (CU61215)										
Polychlorinated Biphenyls - Soil										
PCB-1016	ND	33	66	84	24.0	56	72	25.0	40 - 140	30
PCB-1221	ND	33							40 - 140	30
PCB-1232	ND	33							40 - 140	30
PCB-1242	ND	33							40 - 140	30
PCB-1248	ND	33							40 - 140	30
PCB-1254	ND	33							40 - 140	30
PCB-1260	ND	33	69	92	28.6	61	77	23.2	40 - 140	30
PCB-1262	ND	33							40 - 140	30
PCB-1268	ND	33							40 - 140	30
% DCBP (Surrogate Rec)	69	%	75	91	19.3	58	73	22.9	30 - 150	30
% DCBP (Surrogate Rec) (Confirm	70	%	78	112	35.8	69	87	23.1	30 - 150	30
% TCMX (Surrogate Rec)	71	%	78	89	13.2	57	73	24.6	30 - 150	30
% TCMX (Surrogate Rec) (Confirm	72	%	81	95	15.9	60	78	26.1	30 - 150	30
QA/QC Batch 812167 (ug/kg), QC Sample No: CU61256 (CU61212, CU61213, CU61214, CU61215, CU61216, CU61217, CU61218, CU61219)										
Semivolatiles - Soil										
1,2,4,5-Tetrachlorobenzene	ND	230	65	67	3.0	58			40 - 140	30
1,2,4-Trichlorobenzene	ND	230	68	68	0.0	60			40 - 140	30
1,2-Dichlorobenzene	ND	180	67	67	0.0	59			40 - 140	30
1,2-Diphenylhydrazine	ND	230	72	75	4.1	65			40 - 140	30
1,3-Dichlorobenzene	ND	230	64	65	1.6	56			40 - 140	30
1,4-Dichlorobenzene	ND	230	64	65	1.6	56			40 - 140	30
2,2'-Oxybis(1-Chloropropane)	ND	230	61	61	0.0	57			40 - 140	30
2,4,5-Trichlorophenol	ND	230	83	84	1.2	71			40 - 140	30
2,4,6-Trichlorophenol	ND	130	85	86	1.2	63			30 - 130	30
2,4-Dichlorophenol	ND	130	76	78	2.6	64			30 - 130	30
2,4-Dimethylphenol	ND	230	76	77	1.3	34			30 - 130	30
2,4-Dinitrophenol	ND	230	82	85	3.6	30			30 - 130	30
2,4-Dinitrotoluene	ND	130	86	88	2.3	75			30 - 130	30
2,6-Dinitrotoluene	ND	130	84	87	3.5	73			40 - 140	30
2-Chloronaphthalene	ND	230	77	78	1.3	64			40 - 140	30
2-Chlorophenol	ND	230	83	81	2.4	63			30 - 130	30
2-Methylnaphthalene	ND	230	75	76	1.3	69			40 - 140	30
2-Methylphenol (o-cresol)	ND	230	80	79	1.3	47			40 - 140	30
2-Nitroaniline	ND	330	127	136	6.8	158			40 - 140	30
2-Nitrophenol	ND	230	72	73	1.4	64			40 - 140	30
3&4-Methylphenol (m&p-cresol)	ND	230	84	86	2.4	52			30 - 130	30
3,3'-Dichlorobenzidine	ND	130	87	88	1.1	18			40 - 140	30
3-Nitroaniline	ND	330	94	97	3.1	72			40 - 140	30
4,6-Dinitro-2-methylphenol	ND	230	90	94	4.3	44			30 - 130	30
4-Bromophenyl phenyl ether	ND	230	81	80	1.2	64			40 - 140	30

QA/QC Data

SDG I.D.: GCU61212

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
4-Chloro-3-methylphenol	ND	230	78	80	2.5	67			30 - 130	30	
4-Chloroaniline	ND	230	69	73	5.6	51			40 - 140	30	
4-Chlorophenyl phenyl ether	ND	230	77	79	2.6	65			40 - 140	30	
4-Nitroaniline	ND	230	82	83	1.2	72			40 - 140	30	
4-Nitrophenol	ND	230	106	121	13.2	93			30 - 130	30	
Acenaphthene	ND	230	76	77	1.3	61			30 - 130	30	
Acenaphthylene	ND	130	64	65	1.6	53			40 - 140	30	
Acetophenone	ND	230	76	75	1.3	67			40 - 140	30	
Aniline	ND	330	71	71	0.0	30			40 - 140	30	m
Anthracene	ND	230	77	78	1.3	60			40 - 140	30	
Benzidine	ND	330	77	89	14.5	<10			40 - 140	30	m
Benzo(a)anthracene	ND	230	77	79	2.6	52			40 - 140	30	
Benzo(a)pyrene	ND	130	76	78	2.6	45			40 - 140	30	
Benzo(b)fluoranthene	ND	160	77	80	3.8	48			40 - 140	30	
Benzo(ghi)perylene	ND	230	79	81	2.5	46			40 - 140	30	
Benzo(k)fluoranthene	ND	230	77	79	2.6	54			40 - 140	30	
Benzoic Acid	ND	670	82	82	0.0	46			30 - 130	30	
Benzyl butyl phthalate	ND	230	82	84	2.4	69			40 - 140	30	
Bis(2-chloroethoxy)methane	ND	230	70	72	2.8	62			40 - 140	30	
Bis(2-chloroethyl)ether	ND	130	71	71	0.0	64			40 - 140	30	
Bis(2-ethylhexyl)phthalate	ND	230	81	84	3.6	70			40 - 140	30	
Carbazole	ND	230	78	81	3.8	64			40 - 140	30	
Chrysene	ND	230	76	77	1.3	50			40 - 140	30	
Dibenz(a,h)anthracene	ND	130	81	83	2.4	52			40 - 140	30	
Dibenzofuran	ND	230	77	78	1.3	67			40 - 140	30	
Diethyl phthalate	ND	230	79	82	3.7	69			40 - 140	30	
Dimethylphthalate	ND	230	78	80	2.5	68			40 - 140	30	
Di-n-butylphthalate	ND	670	81	84	3.6	69			40 - 140	30	
Di-n-octylphthalate	ND	230	86	89	3.4	72			40 - 140	30	
Fluoranthene	ND	230	78	83	6.2	54			40 - 140	30	
Fluorene	ND	230	75	76	1.3	65			40 - 140	30	
Hexachlorobenzene	ND	130	74	76	2.7	60			40 - 140	30	
Hexachlorobutadiene	ND	230	64	66	3.1	56			40 - 140	30	
Hexachlorocyclopentadiene	ND	230	<10	10	NC	20			40 - 140	30	l,m
Hexachloroethane	ND	130	68	69	1.5	59			40 - 140	30	
Indeno(1,2,3-cd)pyrene	ND	230	82	84	2.4	48			40 - 140	30	
Isophorone	ND	130	65	65	0.0	59			40 - 140	30	
Naphthalene	ND	230	63	64	1.6	59			40 - 140	30	
Nitrobenzene	ND	130	75	75	0.0	67			40 - 140	30	
N-Nitrosodimethylamine	ND	230	74	74	0.0	65			40 - 140	30	
N-Nitrosodi-n-propylamine	ND	130	75	75	0.0	68			40 - 140	30	
N-Nitrosodiphenylamine	ND	130	75	78	3.9	65			40 - 140	30	
Pentachloronitrobenzene	ND	230	76	77	1.3	64			40 - 140	30	
Pentachlorophenol	ND	230	91	93	2.2	69			30 - 130	30	
Phenanthrene	ND	130	76	77	1.3	56			40 - 140	30	
Phenol	ND	230	84	84	0.0	66			30 - 130	30	
Pyrene	ND	230	78	81	3.8	52			30 - 130	30	
Pyridine	ND	230	59	58	1.7	46			40 - 140	30	
% 2,4,6-Tribromophenol	89	%	82	83	1.2	71			30 - 130	30	
% 2-Fluorobiphenyl	86	%	77	77	0.0	62			30 - 130	30	
% 2-Fluorophenol	85	%	81	79	2.5	61			30 - 130	30	
% Nitrobenzene-d5	80	%	74	73	1.4	65			30 - 130	30	
% Phenol-d5	87	%	84	82	2.4	69			30 - 130	30	

QA/QC Data

SDG I.D.: GCU61212

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% Terphenyl-d14	90	%	78	82	5.0	64			30 - 130	30

Comment:

This batch consists of a Blank, LCS, LCSD and MS.

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 811637 (ug/kg), QC Sample No: CU61212 (CU61212, CU61213, CU61214, CU61215, CU61216, CU61217, CU61218, CU61219)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	5.0	100	99	1.0	97			70 - 130	20
1,1,1-Trichloroethane	ND	5.0	93	92	1.1	89			70 - 130	20
1,1,2,2-Tetrachloroethane	ND	3.0	88	87	1.1	96			70 - 130	20
1,1,2-Trichloroethane	ND	5.0	95	96	1.0	91			70 - 130	20
1,1-Dichloroethane	ND	5.0	88	87	1.1	84			70 - 130	20
1,1-Dichloroethene	ND	5.0	85	84	1.2	75			70 - 130	20
1,1-Dichloropropene	ND	5.0	88	88	0.0	82			70 - 130	20
1,2,3-Trichlorobenzene	ND	5.0	94	94	0.0	62			70 - 130	20 m
1,2,3-Trichloropropane	ND	5.0	91	90	1.1	93			70 - 130	20
1,2,4-Trichlorobenzene	ND	5.0	93	94	1.1	62			70 - 130	20 m
1,2,4-Trimethylbenzene	ND	1.0	94	94	0.0	96			70 - 130	20
1,2-Dibromo-3-chloropropane	ND	5.0	99	100	1.0	92			70 - 130	20
1,2-Dibromoethane	ND	5.0	97	96	1.0	88			70 - 130	20
1,2-Dichlorobenzene	ND	5.0	93	91	2.2	81			70 - 130	20
1,2-Dichloroethane	ND	5.0	93	93	0.0	85			70 - 130	20
1,2-Dichloropropane	ND	5.0	92	92	0.0	89			70 - 130	20
1,3,5-Trimethylbenzene	ND	1.0	96	94	2.1	97			70 - 130	20
1,3-Dichlorobenzene	ND	5.0	93	92	1.1	82			70 - 130	20
1,3-Dichloropropane	ND	5.0	94	95	1.1	91			70 - 130	20
1,4-Dichlorobenzene	ND	5.0	90	90	0.0	78			70 - 130	20
1,4-dioxane	ND	100	103	97	6.0	106			70 - 130	20
2,2-Dichloropropane	ND	5.0	89	87	2.3	81			70 - 130	20
2-Chlorotoluene	ND	5.0	93	92	1.1	93			70 - 130	20
2-Hexanone	ND	25	87	89	2.3	83			70 - 130	20
2-Isopropyltoluene	ND	5.0	96	94	2.1	96			70 - 130	20
4-Chlorotoluene	ND	5.0	90	91	1.1	86			70 - 130	20
4-Methyl-2-pentanone	ND	25	91	93	2.2	89			70 - 130	20
Acetone	ND	10	82	84	2.4	77			70 - 130	20
Acrolein	ND	25	69	69	0.0	37			70 - 130	20 l,m
Acrylonitrile	ND	5.0	86	85	1.2	75			70 - 130	20
Benzene	ND	1.0	93	94	1.1	89			70 - 130	20
Bromobenzene	ND	5.0	95	94	1.1	87			70 - 130	20
Bromochloromethane	ND	5.0	92	93	1.1	84			70 - 130	20
Bromodichloromethane	ND	5.0	96	98	2.1	90			70 - 130	20
Bromoform	ND	5.0	102	103	1.0	91			70 - 130	20
Bromomethane	ND	5.0	86	85	1.2	75			70 - 130	20
Carbon Disulfide	ND	5.0	90	91	1.1	73			70 - 130	20
Carbon tetrachloride	ND	5.0	90	89	1.1	85			70 - 130	20
Chlorobenzene	ND	5.0	92	91	1.1	82			70 - 130	20
Chloroethane	ND	5.0	92	91	1.1	90			70 - 130	20
Chloroform	ND	5.0	91	91	0.0	86			70 - 130	20
Chloromethane	ND	5.0	94	94	0.0	84			70 - 130	20
cis-1,2-Dichloroethene	ND	5.0	93	96	3.2	87			70 - 130	20
cis-1,3-Dichloropropene	ND	5.0	98	100	2.0	87			70 - 130	20

QA/QC Data

SDG I.D.: GCU61212

Parameter	Blk		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
	Blank	RL								
Dibromochloromethane	ND	3.0	98	97	1.0	91			70 - 130	20
Dibromomethane	ND	5.0	94	97	3.1	85			70 - 130	20
Dichlorodifluoromethane	ND	5.0	112	108	3.6	89			70 - 130	20
Ethylbenzene	ND	1.0	94	93	1.1	89			70 - 130	20
Hexachlorobutadiene	ND	5.0	95	93	2.1	61			70 - 130	20 m
Isopropylbenzene	ND	1.0	95	93	2.1	99			70 - 130	20
m&p-Xylene	ND	2.0	96	96	0.0	90			70 - 130	20
Methyl ethyl ketone	ND	5.0	79	81	2.5	75			70 - 130	20
Methyl t-butyl ether (MTBE)	ND	1.0	91	92	1.1	88			70 - 130	20
Methylene chloride	ND	5.0	80	79	1.3	83			70 - 130	20
Naphthalene	ND	5.0	97	97	0.0	>200			70 - 130	20 m
n-Butylbenzene	ND	1.0	93	93	0.0	84			70 - 130	20
n-Propylbenzene	ND	1.0	93	93	0.0	93			70 - 130	20
o-Xylene	ND	2.0	95	94	1.1	93			70 - 130	20
p-Isopropyltoluene	ND	1.0	96	95	1.0	95			70 - 130	20
sec-Butylbenzene	ND	1.0	93	92	1.1	93			70 - 130	20
Styrene	ND	5.0	99	98	1.0	88			70 - 130	20
tert-butyl alcohol	ND	100	100	94	6.2	113			70 - 130	20
tert-Butylbenzene	ND	1.0	95	94	1.1	99			70 - 130	20
Tetrachloroethene	ND	5.0	92	95	3.2	85			70 - 130	20
Tetrahydrofuran (THF)	ND	5.0	80	81	1.2	78			70 - 130	20
Toluene	ND	1.0	93	92	1.1	87			70 - 130	20
trans-1,2-Dichloroethene	ND	5.0	84	84	0.0	73			70 - 130	20
trans-1,3-Dichloropropene	ND	5.0	101	105	3.9	85			70 - 130	20
trans-1,4-dichloro-2-butene	ND	5.0	95	97	2.1	88			70 - 130	20
Trichloroethene	ND	5.0	96	96	0.0	84			70 - 130	20
Trichlorofluoromethane	ND	5.0	98	96	2.1	91			70 - 130	20
Trichlorotrifluoroethane	ND	5.0	90	91	1.1	83			70 - 130	20
Vinyl chloride	ND	5.0	92	92	0.0	82			70 - 130	20
% 1,2-dichlorobenzene-d4	97	%	99	98	1.0	97			70 - 130	20
% Bromofluorobenzene	95	%	99	99	0.0	98			70 - 130	20
% Dibromofluoromethane	95	%	97	100	3.0	98			70 - 130	20
% Toluene-d8	99	%	99	99	0.0	98			70 - 130	20

Comment:

The MSD is not reported for this LL soil batch.

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

QA/QC Batch 811637H (ug/kg), QC Sample No: CU61212 50X (CU61212 (50X))

Volatiles - Soil (High Level)

Naphthalene	ND	250	101	98	3.0	89	104	15.5	70 - 130	20
% 1,2-dichlorobenzene-d4	97	%	98	97	1.0	98	97	1.0	70 - 130	20
% Bromofluorobenzene	99	%	100	101	1.0	100	98	2.0	70 - 130	20
% Dibromofluoromethane	92	%	97	97	0.0	93	94	1.1	70 - 130	20
% Toluene-d8	98	%	98	99	1.0	99	101	2.0	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 811878H (ug/kg), QC Sample No: CU63896 50X (CU61217 (50X))

Volatiles - Soil (High Level)

1,1,2,2-Tetrachloroethane	ND	250	101	101	0.0	85	103	19.1	70 - 130	20
1,2,3-Trichlorobenzene	ND	250	115	114	0.9	96	115	18.0	70 - 130	20
1,2,3-Trichloropropane	ND	250	94	93	1.1	83	99	17.6	70 - 130	20
1,2,4-Trichlorobenzene	ND	250	116	118	1.7	98	117	17.7	70 - 130	20

QA/QC Data

SDG I.D.: GCU61212

Parameter	Blk		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
	Blank	RL								
1,2,4-Trimethylbenzene	ND	250	108	108	0.0	91	110	18.9	70 - 130	20
1,2-Dibromo-3-chloropropane	ND	250	107	104	2.8	85	107	22.9	70 - 130	20
1,2-Dichlorobenzene	ND	250	106	106	0.0	89	107	18.4	70 - 130	20
1,3,5-Trimethylbenzene	ND	250	109	110	0.9	93	111	17.6	70 - 130	20
1,3-Dichlorobenzene	ND	250	109	109	0.0	92	110	17.8	70 - 130	20
1,4-Dichlorobenzene	ND	250	108	108	0.0	91	109	18.0	70 - 130	20
2-Chlorotoluene	ND	250	109	109	0.0	92	111	18.7	70 - 130	20
2-Isopropyltoluene	ND	250	110	110	0.0	93	112	18.5	70 - 130	20
4-Chlorotoluene	ND	250	108	108	0.0	93	111	17.6	70 - 130	20
Bromobenzene	ND	250	110	108	1.8	92	111	18.7	70 - 130	20
Hexachlorobutadiene	ND	250	122	122	0.0	101	126	22.0	70 - 130	20
Isopropylbenzene	ND	250	110	109	0.9	94	111	16.6	70 - 130	20
Naphthalene	ND	250	108	109	0.9	92	111	18.7	70 - 130	20
n-Butylbenzene	ND	250	111	111	0.0	93	113	19.4	70 - 130	20
n-Propylbenzene	ND	250	109	109	0.0	92	110	17.8	70 - 130	20
p-Isopropyltoluene	ND	250	112	112	0.0	95	115	19.0	70 - 130	20
sec-Butylbenzene	ND	250	108	109	0.9	92	111	18.7	70 - 130	20
tert-Butylbenzene	ND	250	108	109	0.9	92	111	18.7	70 - 130	20
trans-1,4-dichloro-2-butene	ND	250	127	124	2.4	99	121	20.0	70 - 130	20
Trichloroethene	ND	250	106	108	1.9	92	109	16.9	70 - 130	20
% 1,2-dichlorobenzene-d4	100	%	102	101	1.0	101	102	1.0	70 - 130	20
% Bromofluorobenzene	98	%	98	99	1.0	101	100	1.0	70 - 130	20
% Dibromofluoromethane	98	%	101	100	1.0	98	98	0.0	70 - 130	20
% Toluene-d8	99	%	101	100	1.0	100	100	0.0	70 - 130	20

Comment:

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

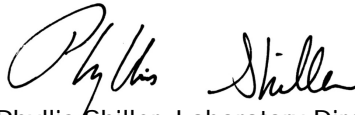
l = This parameter is outside laboratory LCS/LCSD specified recovery limits.

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

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

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

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


 Phyllis Shiller, Laboratory Director
 November 10, 2025

Monday, November 10, 2025

Criteria: NY: 375, 375GWP, 375RRS, 375RS

State: NY

Sample Criteria Exceedances Report

GCU61212 - BRUSSEE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CU61212	\$8270SMRDP	Phenol	NY / 375-6.8 Semivolatiles / Ground Water Protection	340	260	330	330	ug/Kg
CU61212	\$8270SMRDP	Phenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	340	260	330	330	ug/Kg
CU61212	\$8270SMRDP	3&4-Methylphenol (m&p-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	560	260	330	330	ug/Kg
CU61212	\$8270SMRDP	Dibenzofuran	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	7100	260	7000	7000	ug/Kg
CU61212	\$8270SMRDP	Phenanthrene	NY / 375-6.8 Semivolatiles / Residential	110000	6600	100000	100000	ug/Kg
CU61212	\$8270SMRDP	Phenanthrene	NY / 375-6.8 Semivolatiles / Residential Restricted	110000	6600	100000	100000	ug/Kg
CU61212	\$8270SMRDP	Phenanthrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	110000	6600	100000	100000	ug/Kg
CU61212	\$8270SMRDP	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	44000	6600	1000	1000	ug/Kg
CU61212	\$8270SMRDP	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	44000	6600	1000	1000	ug/Kg
CU61212	\$8270SMRDP	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	44000	6600	1000	1000	ug/Kg
CU61212	\$8270SMRDP	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	44000	6600	1000	1000	ug/Kg
CU61212	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	43000	6600	1000	1000	ug/Kg
CU61212	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	43000	6600	1000	1000	ug/Kg
CU61212	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential Restricted	43000	6600	3900	3900	ug/Kg
CU61212	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	43000	6600	1000	1000	ug/Kg
CU61212	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	46000	6600	1700	1700	ug/Kg
CU61212	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	46000	6600	1000	1000	ug/Kg
CU61212	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	46000	6600	1000	1000	ug/Kg
CU61212	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	46000	6600	1000	1000	ug/Kg
CU61212	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	16000	1300	1700	1700	ug/Kg
CU61212	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	16000	1300	1000	1000	ug/Kg
CU61212	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	16000	1300	3900	3900	ug/Kg
CU61212	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	16000	1300	800	800	ug/Kg
CU61212	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Ground Water Protection	38000	4700	22000	22000	ug/Kg
CU61212	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	38000	4700	1000	1000	ug/Kg
CU61212	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	38000	4700	1000	1000	ug/Kg
CU61212	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	38000	4700	1000	1000	ug/Kg
CU61212	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Ground Water Protection	23000	1300	8200	8200	ug/Kg
CU61212	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	23000	1300	500	500	ug/Kg
CU61212	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	23000	1300	500	500	ug/Kg
CU61212	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	23000	1300	500	500	ug/Kg
CU61212	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	7400	190	330	330	ug/Kg
CU61212	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	7400	190	330	330	ug/Kg
CU61212	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	7400	190	330	330	ug/Kg
CU61212	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	0.75	0.03	0.73	0.73	mg/Kg
CU61212	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.75	0.03	0.18	0.18	mg/Kg
CU61212	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	338	0.7	63	63	mg/Kg
CU61213	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	64.6	0.8	63	63	mg/Kg
CU61214	\$8270SMRDP	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	20000	6300	1000	1000	ug/Kg
CU61214	\$8270SMRDP	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	20000	6300	1000	1000	ug/Kg

Monday, November 10, 2025

Criteria: NY: 375, 375GWP, 375RRS, 375RS

State: NY

Sample Criteria Exceedances Report

GCU61212 - BRUSSEE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CU61214	\$8270SMRDP	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	20000	6300	1000	1000	ug/Kg
CU61214	\$8270SMRDP	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	20000	6300	1000	1000	ug/Kg
CU61214	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	19000	1300	1000	1000	ug/Kg
CU61214	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	19000	1300	1000	1000	ug/Kg
CU61214	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential Restricted	19000	1300	3900	3900	ug/Kg
CU61214	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	19000	1300	1000	1000	ug/Kg
CU61214	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	32000	1300	1700	1700	ug/Kg
CU61214	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	32000	1300	1000	1000	ug/Kg
CU61214	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	32000	1300	1000	1000	ug/Kg
CU61214	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	32000	1300	1000	1000	ug/Kg
CU61214	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	6900	250	1700	1700	ug/Kg
CU61214	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	6900	250	1000	1000	ug/Kg
CU61214	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	6900	250	3900	3900	ug/Kg
CU61214	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	6900	250	800	800	ug/Kg
CU61214	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Ground Water Protection	24000	910	22000	22000	ug/Kg
CU61214	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	24000	910	1000	1000	ug/Kg
CU61214	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	24000	910	1000	1000	ug/Kg
CU61214	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	24000	910	1000	1000	ug/Kg
CU61214	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Ground Water Protection	15000	1300	8200	8200	ug/Kg
CU61214	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	15000	1300	500	500	ug/Kg
CU61214	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	15000	1300	500	500	ug/Kg
CU61214	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	15000	1300	500	500	ug/Kg
CU61214	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	4300	180	330	330	ug/Kg
CU61214	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	4300	180	330	330	ug/Kg
CU61214	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4300	180	330	330	ug/Kg
CU61214	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	0.97	0.26	0.73	0.73	mg/Kg
CU61214	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	0.97	0.26	0.81	0.81	mg/Kg
CU61214	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	0.97	0.26	0.81	0.81	mg/Kg
CU61214	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.97	0.26	0.18	0.18	mg/Kg
CU61214	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	179	0.7	63	63	mg/Kg
CU61214	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	111	0.7	109	109	mg/Kg
CU61215	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.34	0.03	0.18	0.18	mg/Kg
CU61215	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	263	0.7	63	63	mg/Kg
CU61215	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	215	0.7	109	109	mg/Kg
CU61216	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.42	0.03	0.18	0.18	mg/Kg
CU61217	\$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	1200	350	470	470	ug/Kg
CU61217	\$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	1200	350	470	470	ug/Kg
CU61217	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	4100	270	1000	1000	ug/Kg
CU61217	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	4100	270	1000	1000	ug/Kg
CU61217	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential Restricted	4100	270	3900	3900	ug/Kg

Monday, November 10, 2025

Criteria: NY: 375, 375GWP, 375RRS, 375RS

State: NY

Sample Criteria Exceedances Report

GCU61212 - BRUSSEE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CU61217	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4100	270	1000	1000	ug/Kg
CU61217	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	5400	270	1700	1700	ug/Kg
CU61217	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	5400	270	1000	1000	ug/Kg
CU61217	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	5400	270	1000	1000	ug/Kg
CU61217	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	5400	270	1000	1000	ug/Kg
CU61217	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1900	270	1700	1700	ug/Kg
CU61217	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1900	270	1000	1000	ug/Kg
CU61217	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1900	270	800	800	ug/Kg
CU61217	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	4300	190	1000	1000	ug/Kg
CU61217	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	4300	190	1000	1000	ug/Kg
CU61217	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4300	190	1000	1000	ug/Kg
CU61217	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	2900	270	500	500	ug/Kg
CU61217	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	2900	270	500	500	ug/Kg
CU61217	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2900	270	500	500	ug/Kg
CU61217	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	620	190	330	330	ug/Kg
CU61217	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	620	190	330	330	ug/Kg
CU61217	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	620	190	330	330	ug/Kg
CU61217	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	4000	270	1000	1000	ug/Kg
CU61217	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	4000	270	1000	1000	ug/Kg
CU61217	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	4000	270	1000	1000	ug/Kg
CU61217	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4000	270	1000	1000	ug/Kg
CU61217	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	23.8	1.4	0.73	0.73	mg/Kg
CU61217	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	23.8	1.4	0.81	0.81	mg/Kg
CU61217	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	23.8	1.4	0.81	0.81	mg/Kg
CU61217	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	23.8	1.4	0.18	0.18	mg/Kg
CU61217	PB-SMDP	Lead	NY / 375-6.8 Metals / Ground Water Protection	1110	0.7	450	450	mg/Kg
CU61217	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	1110	0.7	400	400	mg/Kg
CU61217	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	1110	0.7	400	400	mg/Kg
CU61217	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	1110	0.7	63	63	mg/Kg
CU61217	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	113	0.7	109	109	mg/Kg
CU61218	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	4200	240	1000	1000	ug/Kg
CU61218	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	4200	240	1000	1000	ug/Kg
CU61218	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential Restricted	4200	240	3900	3900	ug/Kg
CU61218	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4200	240	1000	1000	ug/Kg
CU61218	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	4600	240	1700	1700	ug/Kg
CU61218	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	4600	240	1000	1000	ug/Kg
CU61218	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	4600	240	1000	1000	ug/Kg
CU61218	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4600	240	1000	1000	ug/Kg
CU61218	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1500	240	1000	1000	ug/Kg
CU61218	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1500	240	800	800	ug/Kg
CU61218	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	4000	170	1000	1000	ug/Kg

Monday, November 10, 2025

Criteria: NY: 375, 375GWP, 375RRS, 375RS

State: NY

Sample Criteria Exceedances Report

GCU61212 - BRUSSEE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CU61218	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	4000	170	1000	1000	ug/Kg
CU61218	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4000	170	1000	1000	ug/Kg
CU61218	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	2400	240	500	500	ug/Kg
CU61218	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	2400	240	500	500	ug/Kg
CU61218	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2400	240	500	500	ug/Kg
CU61218	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	530	170	330	330	ug/Kg
CU61218	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	530	170	330	330	ug/Kg
CU61218	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	530	170	330	330	ug/Kg
CU61218	\$8270SMRDP	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	4300	240	1000	1000	ug/Kg
CU61218	\$8270SMRDP	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	4300	240	1000	1000	ug/Kg
CU61218	\$8270SMRDP	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	4300	240	1000	1000	ug/Kg
CU61218	\$8270SMRDP	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4300	240	1000	1000	ug/Kg
CU61218	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	1.23	0.14	0.73	0.73	mg/Kg
CU61218	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	1.23	0.14	0.81	0.81	mg/Kg
CU61218	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	1.23	0.14	0.81	0.81	mg/Kg
CU61218	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	1.23	0.14	0.18	0.18	mg/Kg
CU61218	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	337	0.6	63	63	mg/Kg
CU61218	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	133	0.6	109	109	mg/Kg
CU61219	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	3500	260	1000	1000	ug/Kg
CU61219	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	3500	260	1000	1000	ug/Kg
CU61219	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3500	260	1000	1000	ug/Kg
CU61219	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	4500	260	1700	1700	ug/Kg
CU61219	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	4500	260	1000	1000	ug/Kg
CU61219	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	4500	260	1000	1000	ug/Kg
CU61219	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4500	260	1000	1000	ug/Kg
CU61219	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1500	260	1000	1000	ug/Kg
CU61219	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1500	260	800	800	ug/Kg
CU61219	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	3600	190	1000	1000	ug/Kg
CU61219	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	3600	190	1000	1000	ug/Kg
CU61219	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3600	190	1000	1000	ug/Kg
CU61219	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	2600	260	500	500	ug/Kg
CU61219	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	2600	260	500	500	ug/Kg
CU61219	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2600	260	500	500	ug/Kg
CU61219	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	540	190	330	330	ug/Kg
CU61219	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	540	190	330	330	ug/Kg
CU61219	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	540	190	330	330	ug/Kg
CU61219	\$8270SMRDP	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	3300	260	1000	1000	ug/Kg
CU61219	\$8270SMRDP	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	3300	260	1000	1000	ug/Kg
CU61219	\$8270SMRDP	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	3300	260	1000	1000	ug/Kg
CU61219	\$8270SMRDP	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3300	260	1000	1000	ug/Kg
CU61219	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	4.28	0.28	0.73	0.73	mg/Kg

Monday, November 10, 2025

Criteria: NY: 375, 375GWP, 375RRS, 375RS

State: NY

Sample Criteria Exceedances Report

GCU61212 - BRUSSEE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CU61219	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	4.28	0.28	0.81	0.81	mg/Kg
CU61219	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	4.28	0.28	0.81	0.81	mg/Kg
CU61219	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	4.28	0.28	0.18	0.18	mg/Kg
CU61219	PB-SMDP	Lead	NY / 375-6.8 Metals / Ground Water Protection	604	0.8	450	450	mg/Kg
CU61219	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	604	0.8	400	400	mg/Kg
CU61219	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	604	0.8	400	400	mg/Kg
CU61219	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	604	0.8	63	63	mg/Kg
CU61219	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	740	7.8	109	109	mg/Kg

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



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



Analysis Comments

November 10, 2025

SDG I.D.: GCU61212

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

PCB Narration

AU-ECD7 11/04/25-1: CU61215

The following Continuing Calibration compounds did not meet % deviation criteria:

Samples: CU61215

Preceding CC N04B003 - PCB 1260 23%H (%)

Succeeding CC N04B020 - PCB 1260 25%H (%)

SVOA Narration

CHEM07 11/04/25-2: CU61213, CU61215, CU61216

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: % 2,4,6-Tribromophenol 0.047 (0.05), 2-Nitrophenol 0.057 (0.1), Hexachlorobenzene 0.075 (0.1)

The following Initial Calibration compounds did not meet minimum response factors: % 2,4,6-Tribromophenol 0.047 (0.05)

The following Continuing Calibration compounds did not meet recommended response factors: % 2,4,6-Tribromophenol 0.049 (0.05), 2-Nitrophenol 0.054 (0.1), Hexachlorobenzene 0.074 (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%.

CHEM07 11/05/25-1: CU61212, CU61214

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: % 2,4,6-Tribromophenol 0.047 (0.05), 2-Nitrophenol 0.057 (0.1), Hexachlorobenzene 0.075 (0.1)

The following Initial Calibration compounds did not meet minimum response factors: % 2,4,6-Tribromophenol 0.047 (0.05)

The following Continuing Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.055 (0.1), Hexachlorobenzene 0.074 (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 11/05/25-1: CU61217, CU61218, CU61219

The following Initial Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.062 (0.1), Hexachlorobenzene 0.086 (0.1)

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

The following Continuing Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.059 (0.1), Hexachlorobenzene 0.083 (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%.



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



Analysis Comments

November 10, 2025

SDG I.D.: GCU61212

VOA Narration

CHEM31 11/01/25-1: CU61217

The following Initial Calibration compounds did not meet RSD% criteria: 1,2-Dibromo-3-chloropropane 25% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.

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

CHEM41 10/30/25-1: CU61212, CU61213, CU61214, CU61215, CU61216, CU61217, CU61218, CU61219

The following Initial Calibration compounds did not meet RSD% criteria: Acetone 24% (20%), Bromoform 22% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.

The following Continuing Calibration compounds did not meet % deviation criteria: Acetone 21%L (20%), Acrolein 25%L (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%.



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



NY Temperature Narration

November 10, 2025

SDG I.D.: GCU61212

The samples in this delivery group were received at 1.6°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

