May 6, 2022

Abe Lipschitz
Moundfield Equities
332 Hooper Street
Brooklyn, NY 11211
abe@agmdeco.com

Re: Limited Phase II Investigation
224 3rd Avenue, Brooklyn NY
Block 426 Lot 36

Dear Mr. Lipschitz,

Brussee Environmental Corp. (BEC) is pleased to provide this letter report documenting the results of the Phase II Environmental Site Assessment (ESA) performed at the above-referenced property on April 25, 2022 in accordance with BEC's proposal, dated April 15, 2022.

Background

The Site consists of a single, irregular-shaped, 0.19 acre (8,469 square foot) parcel located on the west side of 3rd Avenue between Degraw Street to the north and Sackett Street to the south, in the Gowanus section of the Borough of Brooklyn, New York City, Kings County, New York. The Site is identified by the street addresses of 224 3rd Avenue and 585 Sackett Street (Figure 2). The entire Site is currently developed with a 1-story brick warehouse/garage with two roll-up garage doors that enter and exit from 3rd Avenue. The building occupies the entire parcel footprint, fronts southeast along 3rd Avenue, and has a reported area of 8,469 SF. The building is currently vacant/unoccupied but was formerly occupied by A&A Brake Service Truck & Auto Parts and utilized as an auto parts and service center.

A Phase I Environmental Site Assessment, prepared by BEC and dated May 6, 2022, identified two recognized environmental conditions (RECs) related to the historic use of the subject and the northeastern adjacent property. The identified RECs are summarized as follows:

- The Sanborn maps from 1938 through 1988 depict a 550-gallon gasoline underground storage tank (UST) at the northeastern portion of the Site. The site inspection identified a sealed pipe (possibly a fill port) in the sidewalk area east of the building and also a suspected UST fill/vent pipe within the northeastern portion of the building (between the restroom and service counter). As no documentation regarding the status of this UST and/or soil conditions in its vicinity were available for review, there is a potential for spills or releases from this tank to have impacted the subsurface. Therefore, this UST is considered a REC.
- Information obtained from multiple historic sources revealed that the Site was utilized as a garage and/or repair shop from at least the late-1930s through the early-2020s. In addition, a number of the surrounding properties were historically utilized for various industrial/manufacturing uses, machine shops, iron works/foundries, service stations, garages/repair shops, and manufactured gas plant facilities. As such, there is a potential for historic operations at the Site and surrounding properties, specifically the former Fulton Works Manufactured Gas Plant (MGP) to have impacted the subsurface (soil, soil vapor, and/or groundwater quality). As such, the historic industrial use of the Site and surrounding sites is considered a REC.

BEC Subsurface Investigation

In accordance with the recommendations made within the BEC Phase I Report, BEC performed a ground penetrating radar (GPR) survey across accessible areas of the Site to identify possible anomalies indicative of an underground storage tank, performed 7 soil borings to collect 7 soil samples for laboratory analysis, collected three groundwater samples for laboratory analysis, and installed 3 soil vapor implants at a depth of approximately 7 ft to collect 3 soil vapor samples for laboratory analysis. A summary of the sampling and laboratory analysis is provided below.

Geophysical Survey

A geophysical survey consisting of a ground penetrating radar survey (GPR) was conducted on April 25, 2022, by Coastal Environmental Solutions of Medford, New York. The GPR survey was performed within the interior of the building. No anomalies indicative of an underground storage tank were identified within the areas accessible by the ground penetrating radar surveying equipment.

Soil Boring Investigation

To evaluate potential impacts related to the historic use of the site, BEC conducted a soil boring investigation consisting of six soil borings (SB1, SB2, SB4 through SB8) at representative locations throughout the building to determine if additional investigation and/or remediation are warranted. Soil boring locations are shown on Figure 3.

At each boring location soil samples were collected continuously from grade to a depth of 15 ft using a Geoprobe™. The Geoprobe™ uses direct push technology to drive core samplers to the desired depth for soil sample collection. For each of the seven soil borings, soil samples were collected from grade to a final boring depth using a 5-foot dual tube system using Geoprobe™ direct-push equipment. Retrieved sample cores were characterized by an Environmental Professional (EP) and field screened for the presence of volatile organic compounds (VOCs) using a photo-ionization detector (PID). No visual, olfactory or PID detections indicative of petroleum contamination were encountered in these borings.

Soils at the site consisted generally of fill materials (gray/black/brown silty sand and ash, with gravel and brick fragments) extending to depths of 10 to 12 feet below grade underlain by brown/gray sand with gravel and brick extending to a depth of at least 15 feet below grade. No evidence of petroleum staining and no petroleum-related odors were observed in any of the soil boring samples. Soil boring logs are included as Attachment A. Groundwater was encountered within each of the soil borings at a depth of approximately 10 ft below grade.

As part of the field activities, seven soil samples (one per boring), were retained for laboratory analysis. Since no olfactory or PID evidence of contamination was observed, BEC retained the soil samples from the fill material layer interval that exhibited the most evidence of disturbance. The samples collected included SB1 (0-2'), SB2 (3-5'), SB4 (1-3'), SB5 (1-3'), SB6 (0-2'), SB7 (3-5'), and SB8 (2-4'). Each of the 7 soil samples were submitted to Phoenix Environmental Laboratories, Inc., of Manchester, CT, a New York State-certified laboratory (No. 11301) for analysis of volatile organic compounds (VOCs) using Environmental Protection Agency (EPA) Method 8260, semi-volatile organic compounds (SVOCs) using EPA Method 8270, and Resource Conservation and Recovery Act (RCRA) metals using EPA Methods 6010 and 7471. These methods are consistent with those specified by the New York State Department of Environmental Conservation (NYSDEC) in the evaluation of petroleum (gasoline, diesel, and heating oil) spill, typical industrial solvents, and the historic use of the site.

Soil Analytical Results

Soil analytical results were compared to the NYSDEC's Division of Environmental Remediation 6 NYCRR Part 375 Soil Cleanup Objective tables (Table 375-6.8[a]: Unrestricted Use Soil Cleanup Objectives [UUSCOs]), CP-51 Soil Cleanup Guidance (Tables 2 and 3), and the Restricted Residential Use Soil Cleanup Objectives (RRUSCOs) (Part 375 Table 375-6.8[b]) to determine if additional investigation and/or remediation is warranted.

The chlorinated VOC, tetrachloroethene (PCE) was detected above Residential SCOs in soil sample SB6(0-2) at a concentration of 18,000 µg/Kg and above Unrestricted Use SCOs in soil sample SB2(3-5). PCE was also detected at concentrations below Unrestricted Use SCOs in soil samples SB4(1-3), SB5(1-3), SB7(3-5) and SB8(2-4).

SVOCs were detected at concentrations above those typically found in historic fill material within soil sample SB1(0-2). SVOCs were detected above Restricted Residential SCOs within soil samples SB4(1-3), SB5(1-3), and SB6(0-2), but at concentrations typically found in historic fill material.

The metals arsenic (max. of 25.8 mg/kg), barium (1,380 mg/kg), cadmium (max. of 19 mg/Kg), lead (max. of 4,440 mg/Kg), and mercury (max. of 7.12 mg/Kg) were detected above Restricted Residential SCOs within six of the seven soil samples collected from the historic fill material layer.

Laboratory analytical results for the soil samples are summarized on Tables 1 through 3, and the laboratory reports are provided as Attachment B.

Groundwater Sampling

Groundwater was encountered at a depth of approximately 10 feet below grade. BEC collected three groundwater samples (GW1, GW2, GW3) using the Geoprobe™ equipped with a 4-foot long mill slot sampler or equivalent. The sampler was driven to approximately 13 feet (approximately 3 below the water table). This allows the sampler screen to intersect the water table and allow floating product or petroleum sheens (if present) to be documented. A piece of disposable polyethylene tubing attached to a peristaltic pump was then inserted through the probe rods into the water bearing zone to obtain the sample. The groundwater samples were collected directly from the tubing into pre-cleaned laboratory supplied glassware and stored in a cooler packed with ice for transport to the laboratory. All sampling tubing and peristaltic pump head tubing was replaced between each monitoring well. The groundwater samples were analyzed for VOCs by USEPA Method 8260. The groundwater sample locations are shown on Figure 3.

Groundwater Analytical Results

Groundwater analytical results were compared to New York State 6NYCRR Part 703.5 Class GA groundwater quality standards (GQS). No VOCs were detected above GQS within any of the three groundwater samples. However, six VOCs were detected at trace concentrations below GQS, including 1,2,4-trimethylbenzene, acetone, chloroform, naphthalene, tetrachloroethene, and toluene. Laboratory analytical results for the groundwater samples are summarized on Table 4, and the laboratory reports are provided as Attachment B.

Soil Vapor Sampling

BEC installed three soil vapor implants at a depth of approximately 7 ft at the locations shown on Figure 3. The 3 soil vapor implants were installed using Geoprobe™ equipment and consisted of Geoprobe™ Soil Vapor Implant Model 213859, which consists of a 6-inch length of double woven stainless steel wire. Each implant was 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 foot above the bottom of the probe. The remainder of the borehole was sealed with a bentonite slurry to the surface. The tubing was then sealed at the surface with hydrate granular bentonite.

The above-grade end of the tubing was then attached to a hand pump and ambient air within the tubing purged to ensure the collection of a representative sample. The tubing was subsequently attached directly to a six-liter laboratory-supplied SUMMA vacuum canister, equipped with laboratory calibrated flow controllers. The samples were collected for a period of approximately two hours at a rate of 0.05 liter per minute to obtain the required sample volume. After collection, the canisters were properly labeled and shipped under chain-of-custody to a New York State-certified laboratory for analysis of volatile organic compounds (VOCs) using USEPA Method TO-15.

Soil Vapor Analytical Results

Soil vapor analytical results were compared to New York State Department of Health (NYSDOH) Final Guidance on Soil Vapor Intrusion (October 2006, updated May 2017) Matrix A, Matrix B, and Matrix C guidance values.

The chlorinated VOCs 1,1-dichloroethene, carbon tetrachloride and methylene chloride were not detected in the three soil vapor samples. Vinyl chloride was detected at a trace concentration (0.92 $\mu g/m^3$) within one of the three soil vapor samples below NYSDOH mitigation values and 1,1,1-trichloroethane (111-TCA) was detected at a concentration of 22.1 $\mu g/m^3$ within one of the three soil vapor samples below NYSDOH mitigation values. However, the chlorinated VOC tetrachloroethene (PCE) was detected at a concentration of 150,000 $\mu g/m^3$ within SV3 located in the back, northeast corner of the lot. The PCE concentration in SV3 is above the NYSDOH mitigation value. Elevated, but significantly lower concentrations of PCE were detected in SV1 (220 $\mu g/m^3$) and SV2 (406 $\mu g/m^3$). The elevated PCE concentration detected in SV3 is typically found when the soil vapor sample is collected within the immediate vicinity of PCE impacted soil. Trichloroethene (TCE) at 477 $\mu g/m^3$ and cis-1,2-dichloroethene at 503 $\mu g/m^3$ were also detected is SV3 above NYSDOH mitigation values.

Laboratory analytical results for the soil vapor samples are summarized on Table 5, and the laboratory reports are provided as Attachment B.

Conclusions and Recommendations

A GPR survey was conducted within the interior of the building. No anomalies indicative of an underground storage tank were identified within the areas accessible by the ground penetrating radar surveying equipment.

Soil at the Site consisted generally of fill material extending to depths of 10 to 12 feet below grade. No evidence of petroleum staining and no petroleum-related odors were observed in any of the soil boring samples. A total of seven soil samples were collected from the seven soil borings performed across the Site from the fill material layer and analyzed for the presence of VOCs, SVOCs, and the eight RCRA metals. SVOCs and metals were detected at elevated concentrations above Restricted Residential SCOs within the soil samples collected from the fill material. However, the SB1(0-2) sampling location noted SVOCs at elevated concentrations not typically found in historic fill material. No olfactory or PID evidence of petroleum contamination was observed in SB1. Therefore, the elevated SVOCs are likely associated with a building material such as tar or other asphalt roofing material that may be present with the fill material in that location. The metal lead was detected at a concentration of 4,440 mg/kg within the SB5(1-3) sample.

Elevated concentrations of PCE were detected in shallow soil at the Site and each of the three soil vapor samples collected at the Site contained PCE at elevated concentrations, indicating the PCE found in shallow soil has impacted soil vapor at the Site. Trace concentrations of PCE (maximum of 2.8 ppb) below GQS were detected within the three groundwater samples collected at Site. It does not appear as though the PCE in shallow soil has impacted groundwater, as the trace concentrations of PCE found in groundwater at the Site are typical background concentrations found in Brooklyn.

Any redevelopment work proposed for the Site will be subject to an environmental review by the NYC Office of Environmental Remediation (OER) to obtain a release in the form of a Notice to Proceed (NTP) before building permits can be obtained. The E-designation for Hazmat will require a full Remedial Investigation including further soil, groundwater and soil vapor testing under an approved work plan. Based on the results in this report OER will require a Remedial Action Work Plan which would include, but not be limited to, removal / remediation of impacted soil, proper handling and disposal of all excavated soil including both health and safety and community air monitoring, and installation of a vapor barrier and sub-slab depressurization system to mitigate against the elevated CVOCs detected in soil vapor. OER may also require the removal of soil from "hotspot" locations in which metals were detected above SCOs. Any soil/fill material excavated from the site as part of any future renovation and/or redevelopment will need to be property characterized, handled, and disposed of at an OER approved off-site facility.

We appreciate the opportunity to assist you with this project. Should you have any questions or comments, please do not hesitate to contact me.

Very truly yours,

Brussee Environmental Corp.

Kevin Brussee
Principal

TABLES

Table 1
224 3rd Avenue, Brooklyn, NY
Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	SB1		SB2		SB4		SB5		SB6		SB7		SB8	
				(0-2')		(3-5')		(1-3')		(1-3')		(0-2')		(3-5')		(2-4')	
				4/25/2022		4/25/2022		4/25/2022		4/25/2022		4/25/2022		4/25/2022		4/25/2022	
	µg/Kg	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
1,1,1,2-Tetrachloroethane				< 15	15	< 57	57	< 8.1	8.1	< 9.4	9.4	< 37	37	< 8.6	8.6	< 37	37
1,1,1-Trichloroethane	680	100,000	100,000	< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
1,1,2,2-Tetrachloroethane				< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
1,1,2-Trichloroethane				< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
1,1-Dichloroethane	270	19,000	26,000	< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
1,1-Dichloroethene	330	100,000	100,000	< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
1,1-Dichloropropene				< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
1,2,3-Trichlorobenzene				< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
1,2,3-Trichloropropane				< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
1,2,4-Trichlorobenzene				< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
1,2,4-Trimethylbenzene	3,600	47,000	52,000	< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
1,2-Dibromo-3-chloropropane				< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
1,2-Dibromoethane				< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
1,2-Dichlorobenzene	1,100	100,000	100,000	< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
1,2-Dichloroethane	20	2,300	3,100	< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
1,2-Dichloropropane				< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
1,3,5-Trimethylbenzene	8,400	47,000	52,000	< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
1,3-Dichlorobenzene	2,400	17,000	49,000	< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
1,3-Dichloropropane				< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
1,4-Dichlorobenzene	1,800	9,800	13,000	< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
2,2-Dichloropropane				< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
2-Chlorotoluene				< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
2-Hexanone				< 73	73	< 72	72	< 40	40	< 47	47	< 47	47	< 43	43	< 46	46
2-Isopropyltoluene				< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
4-Chlorotoluene				< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
4-Methyl-2-pentanone				< 73	73	< 72	72	< 40	40	< 47	47	< 47	47	< 43	43	< 46	46
Acetone	50	100,000	100,000	< 50	50	**21**	50	**10**	40	< 47	47	**11**	47	< 43	43	< 46	46
Acrylonitrile				< 58	58	< 29	29	< 16	16	< 19	19	< 37	37	< 35	35	< 37	37
Benzene	60	2,900	4,800	< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
Bromobenzene				< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
Bromochloromethane				< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
Bromodichloromethane				< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
Bromoform				< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
Bromomethane				< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
Carbon Disulfide				< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
Carbon Tetrachloride	760	1,400	2,400	< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
Chlorobenzene	1,100	100,000	100,000	< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
Chloroethane				< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
Chloroform	370	10,000	49,000	< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
Chloromethane				< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
cis-1,2-Dichloroethene	250	59,000	100,000	< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
cis-1,3-Dichloropropene				< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
Dibromochloromethane				< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
Dibromomethane				< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
Dichlorodifluoromethane				< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
Ethylbenzene	1,000	30,000	41,000	< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
Hexachlorobutadiene				< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
Isopropylbenzene				< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
m&p-Xylene				< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
Methyl Ethyl Ketone	120	100,000	100,000	< 87	87	< 86	86	< 49	49	< 57	57	< 56	56	< 52	52	< 56	56
Methyl t-butyl ether (MTBE)	930	62,000	100,000	< 29	29	< 29	29	< 16	16	< 19	19	< 19	19	< 17	17	< 19	19
Methylene chloride	50	51,000	100,000	< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
Naphthalene	12,000	100,000	100,000	< 15	15	**670**	660	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
n-Butylbenzene	12,000		100,000	< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
n-Propylbenzene	3,900	100,000	100,000	< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
o-Xylene				< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
p-Isopropyltoluene				< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
sec-Butylbenzene	11,000	100,000	100,000	< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
Styrene				< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
tert-Butylbenzene	5,900	100,000	100,000	< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
Tetrachloroethene	1,300	5,500	19,000	< 15	15	**1,700**	840	**650**	610	**1,000**	940	**18,000**	1,400	**6.6**	8.6	**8.1**	9.3
Tetrahydrofuran (THF)				< 29	29	< 29	29	< 16	16	< 19	19	< 19	19	< 17	17	< 19	19
Toluene	700	100,000	100,000	< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
trans-1,2-Dichloroethene	190	100,000	100,000	< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
trans-1,3-Dichloropropene				< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
trans-1,4-dichloro-2-butene				< 29	29	< 29	29	< 16	16	< 19	19	< 19	19	< 17	17	< 19	19
Trichloroethene	470	10,000	21,000	< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
Trichlorofluoromethane				< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
Trichlorotrifluoroethane				< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
Vinyl chloride	20	210	900	< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
Acrolein				< 15	15	< 14	14	< 8.1	8.1	< 9.4	9.4	< 9.3	9.3	< 8.6	8.6	< 9.3	9.3
Tert-butyl alcohol				< 290	290	< 290	290	< 160	160	< 190	190	< 190	190	< 170	170	< 190	190
1,4-Dioxane				< 120	120	< 110	110	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100
Total CVOC Concentration				**0.0**		**1700.0**		**650.0**		**1000.0**		**18000.0**		**6.6**		**8.1**	
Total BTEX Concentration				**0.0**		**0.0**		**0.0**		**0.0**		**0.0**		**0.0**		**0.0**	
Total VOCs Concentration				**0.0**		**2,391.0**		**660.0**		**1,000.0**		**18,011.0**		**6.6**		**8.1**	

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 RSCO Guidance Value
Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value
bsg = below surface grade.
bcg = below cellar grade

Table 2
224 3rd Avenue, Brooklyn, NY
Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	SB1		SB2		SB4		SB5		SB6		SB7		SB8	
				(0-2')		(3-5')		(1-3')		(1-3')		(0-2')		(3-5')		(2-4')	
				4/25/2022		4/25/2022		4/25/2022		4/25/2022		4/25/2022		4/25/2022		4/25/2022	
	µg/Kg	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
1,2,4,5-Tetrachlorobenzene				< 270	270	< 250	250	< 280	280	< 290	290	< 270	270	< 300	300	< 260	260
1,2,4-Trichlorobenzene				< 270	270	< 250	250	< 280	280	< 290	290	< 270	270	< 300	300	< 260	260
1,2-Dichlorobenzene	1,100	100,000	100,000	< 270	270	< 250	250	< 280	280	< 290	290	< 270	270	< 300	300	< 260	260
1,2-Diphenylhydrazine				< 270	270	< 250	250	< 280	280	< 290	290	< 270	270	< 300	300	< 260	260
1,3-Dichlorobenzene	2,400	17,000	49,000	< 270	270	< 250	250	< 280	280	< 290	290	< 270	270	< 300	300	< 260	260
1,4-Dichlorobenzene	1,800	9,800	13,000	< 270	270	< 250	250	< 280	280	< 290	290	< 270	270	< 300	300	< 260	260
2,2'-Oxybis(1-Chloropropane)				< 270	270	< 250	250	< 280	280	< 290	290	< 270	270	< 300	300	< 260	260
2,4,5-Trichlorophenol				< 270	270	< 250	250	< 280	280	< 290	290	< 270	270	< 300	300	< 260	260
2,4,6-Trichlorophenol				< 190	190	< 180	180	< 200	200	< 210	210	< 190	190	< 210	210	< 190	190
2,4-Dichlorophenol				< 190	190	< 180	180	< 200	200	< 210	210	< 190	190	< 210	210	< 190	190
2,4-Dimethylphenol				**1,400**	270	< 250	250	< 280	280	< 290	290	< 270	270	< 300	300	< 260	260
2,4-Dinitrophenol				< 270	270	< 250	250	< 280	280	< 290	290	< 270	270	< 300	300	< 260	260
2,4-Dinitrotoluene				< 190	190	< 180	180	< 200	200	< 210	210	< 190	190	< 210	210	< 190	190
2,6-Dinitrotoluene				< 190	190	< 180	180	< 200	200	< 210	210	< 190	190	< 210	210	< 190	190
2-Chloronaphthalene				< 270	270	< 250	250	< 280	280	< 290	290	< 270	270	< 300	300	< 260	260
2-Chlorophenol				< 270	270	< 250	250	< 280	280	< 290	290	< 270	270	< 300	300	< 260	260
2-Methylnaphthalene				**20,000**	2,700	< 250	250	< 280	280	< 290	290	**140**	270	< 300	300	< 260	260
2-Methylphenol (o-cresol)	330	100,000	100,000	**1,100**	270	< 250	250	< 280	280	< 290	290	< 270	270	< 300	300	< 260	260
2-Nitroaniline				< 270	270	< 250	250	< 280	280	< 290	290	< 270	270	< 300	300	< 260	260
2-Nitrophenol				< 270	270	< 250	250	< 280	280	< 290	290	< 270	270	< 300	300	< 260	260
3&4-Methylphenol (m&p-cresol)				**2,900**	270	< 250	250	< 280	280	< 290	290	< 270	270	< 300	300	< 260	260
3,3'-Dichlorobenzidine				< 190	190	< 180	180	< 200	200	< 210	210	< 190	190	< 210	210	< 190	190
3-Nitroaniline				< 390	390	< 360	360	< 400	400	< 420	420	< 390	390	< 420	420	< 370	370
4,6-Dinitro-2-methylphenol				< 230	230	< 220	220	< 240	240	< 250	250	< 230	230	< 250	250	< 220	220
4-Bromophenyl phenyl ether				< 270	270	< 250	250	< 280	280	< 290	290	< 270	270	< 300	300	< 260	260
4-Chloro-3-methylphenol				< 270	270	< 250	250	< 280	280	< 290	290	< 270	270	< 300	300	< 260	260
4-Chloroaniline				< 310	310	< 290	290	< 320	320	< 340	340	< 310	310	< 340	340	< 300	300
4-Chlorophenyl phenyl ether				< 270	270	< 250	250	< 280	280	< 290	290	< 270	270	< 300	300	< 260	260
4-Nitroaniline				< 390	390	< 360	360	< 400	400	< 420	420	< 390	390	< 420	420	< 370	370
4-Nitrophenol				< 390	390	< 360	360	< 400	400	< 420	420	< 390	390	< 420	420	< 370	370
Acenaphthene	20,000	100,000	100,000	**41,000**	2,700	< 250	250	**350**	280	**260**	290	**380**	270	< 300	300	< 260	260
Acenaphthylene	100,000	100,000	100,000	**4,700**	270	< 250	250	< 280	280	< 290	290	**200**	270	< 300	300	< 260	260
Acetophenone				< 270	270	< 250	250	< 280	280	< 290	290	< 270	270	< 300	300	< 260	260
Aniline				< 310	310	< 290	290	< 320	320	< 340	340	< 310	310	< 340	340	< 300	300
Anthracene	100,000	100,000	100,000	**76,000**	27,000	< 250	250	**620**	280	**640**	290	**1,200**	270	< 300	300	< 260	260
Benz(a)anthracene	1,000	1,000	1,000	**100,000**	27,000	**300**	250	**1,600**	280	**2,200**	290	**4,300**	270	< 300	300	< 260	260
Benzidine				< 390	390	< 360	360	< 400	400	< 420	420	< 390	390	< 420	420	< 370	370
Benzo(a)pyrene	1,000	1,000	1,000	**88,000**	19,000	**270**	180	**1,600**	200	**2,300**	210	**4,700**	190	< 210	210	< 190	190
Benzo(b)fluoranthene	1,000	1,000	1,000	**79,000**	27,000	**220**	250	**1,500**	280	**1,900**	290	**4,200**	270	< 300	300	< 260	260
Benzo(ghi)perylene	100,000	100,000	100,000	**51,000**	2,700	**150**	250	**980**	280	**1,500**	290	**3,400**	270	< 300	300	< 260	260
Benzo(k)fluoranthene	800	1000	3,900	**53,000**	2,700	**190**	250	**1,200**	280	**1,700**	290	**3,100**	270	< 300	300	< 260	260
Benzoic acid				< 1900	1,900	< 1800	1,800	< 2000	2,000	< 2100	2,100	< 1900	1,900	< 2100	2,100	< 1900	1,900
Benzyl butyl phthalate				< 270	270	< 250	250	< 280	280	< 290	290	< 270	270	< 300	300	< 260	260
Bis(2-chloroethoxy)methane				< 270	270	< 250	250	< 280	280	< 290	290	< 270	270	< 300	300	< 260	260
Bis(2-chloroethyl)ether				< 190	190	< 180	180	< 200	200	< 210	210	< 190	190	< 210	210	< 190	190
Bis(2-ethylhexyl)phthalate				< 270	270	< 250	250	< 280	280	< 290	290	< 270	270	< 300	300	< 260	260
Carbazole				**32,000**	1,900	< 180	180	**290**	200	**260**	210	**380**	190	< 210	210	< 190	190
Chrysene	1,000	1,000	3,900	**110,000**	27,000	**310**	250	**1,800**	280	**2,200**	290	**4,800**	270	< 300	300	< 260	260
Dibenz(a,h)anthracene	330	330	330	**11,000**	1,900	< 180	180	**160**	200	**230**	210	**550**	190	< 210	210	< 190	190
Dibenzofuran	7,000		59,000	**36,000**	2,700	< 250	250	**230**	280	**180**	290	**200**	270	< 300	300	< 260	260
Diethyl phthalate				< 270	270	< 250	250	< 280	280	< 290	290	< 270	270	< 300	300	< 260	260
Dimethylphthalate				< 270	270	< 250	250	< 280	280	< 290	290	< 270	270	< 300	300	< 260	260
Di-n-butylphthalate				< 270	270	< 250	250	< 280	280	< 290	290	< 270	270	< 300	300	< 260	260
Di-n-octylphthalate				< 270	270	< 250	250	< 280	280	< 290	290	< 270	270	< 300	300	< 260	260
Fluoranthene	100,000	100,000	100,000	**310,000**	27,000	**680**	250	**4,200**	280	**5,000**	290	**9,000**	2,700	< 300	300	< 260	260
Fluorene	30,000	100,000	100,000	**37,000**	2,700	< 250	250	**240**	280	**180**	290	**300**	270	< 300	300	< 260	260
Hexachlorobenzene	330	330	1,200	< 190	190	< 180	180	< 200	200	< 210	210	< 190	190	< 210	210	< 190	190
Hexachlorobutadiene				< 270	270	< 250	250	< 280	280	< 290	290	< 270	270	< 300	300	< 260	260
Hexachlorocyclopentadiene				< 270	270	< 250	250	< 280	280	< 290	290	< 270	270	< 300	300	< 260	260
Hexachloroethane				< 190	190	< 180	180	< 200	200	< 210	210	< 190	190	< 210	210	< 190	190
Indeno(1,2,3-cd)pyrene	500	500	500	**60,000**	2,700	**190**	250	**1,100**	280	**1,600**	290	**3,200**	270	< 300	300	< 260	260
Isophorone				< 190	190	< 180	180	< 200	200	< 210	210	< 190	190	< 210	210	< 190	190
Naphthalene	12,000	100,000	100,000	**65,000**	2,700	< 250	250	**210**	280	**260**	290	**270**	270	< 300	300	< 260	260
Nitrobenzene				< 190	190	< 180	180	< 200	200	< 210	210	< 190	190	< 210	210	< 190	190
N-Nitrosodimethylamine				< 270	270	< 250	250	< 280	280	< 290	290	< 270	270	< 300	300	< 260	260
N-Nitrosodi-n-propylamine				< 190	190	< 180	180	< 200	200	< 210	210	< 190	190	< 210	210	< 190	190
N-Nitrosodiphenylamine				< 270	270	< 250	250	< 280	280	< 290	290	< 270	270	< 300	300	< 260	260
Pentachloronitrobenzene				< 270	270	< 250	250	< 280	280	< 290	290	< 270	270	< 300	300	< 260	260
Pentachlorophenol	800	2,400	6,700	< 230	230	< 220	220	< 240	240	< 250	250	< 230	230	< 250	250	< 220	220
Phenanthrene	100,000	100,000	100,000	**410,000**	27,000	**390**	250	**3,800**	280	**3,300**	290	**6,700**	270	< 300	300	< 260	260
Phenol	330	100,000	100,000	**1,500**	270	< 250	250	< 280	280	< 290	290	< 270	270	< 300	300	< 260	260
Pyrene	100,000	100,000	100,000	**260,000**	27,000	**630**	250	**3,600**	280	**4,700**	290	**9,100**	2,700	< 300	300	< 260	260
Pyridine				< 270	270	< 250	250	< 280	280	< 290	290	< 270	270	< 300	300	< 260	260
Total SVOCs				**1,850,600.0**		**3,330.0**		**23,480.0**		**28,410.0**		**56,120.0**		**0.0**		**0.0**	

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 RSCO Guidance Value

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

bsg = below surface grade.

bcg = below cellar grade

Table 3
224 3rd Avenue, Brooklyn, NY
Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	SB1		SB2		SB4		SB5		SB6		SB7		SB8	
				(0-2')		(3-5')		(1-3')		(1-3')		(0-2')		(3-5')		(2-4')	
				4/25/2022		4/25/2022		4/25/2022		4/25/2022		4/25/2022		4/25/2022		4/25/2022	
	mg/Kg	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
Arsenic	13	16	16	**25.8**	0.83	**3.66**	0.75	**18.4**	0.74	**20.8**	0.80	**10.4**	0.69	**10.5**	0.93	**3.67**	0.73
Barium	350	350	400	**248**	0.8	**68.1**	0.8	**181**	0.7	**1,380**	0.8	**241**	0.7	**174**	0.9	**55.4**	0.7
Cadmium	2.5	2.5	4.3	**1.79**	0.41	**0.66**	0.38	**2.7**	0.37	**19**	0.40	**1.07**	0.35	**0.59**	0.46	**0.69**	0.36
Chromium	30	36	180	**27.5**	0.41	**13.2**	0.38	**19.5**	0.37	**28.9**	0.40	**18.4**	0.35	**13**	0.46	**18.1**	0.36
Lead	63	400	400	**1,080**	83	**339**	0.8	**1,220**	74	**4,440**	80	**538**	0.7	**472**	0.9	**96.5**	0.7
Mercury	0.18	0.81	0.81	**5.15**	0.29	**1.86**	0.13	**2.27**	0.15	**7.12**	0.30	**2.07**	0.15	**0.99**	0.03	**0.49**	0.03
Selenium	3.9	36	180	< 1.7	1.7	< 1.5	1.5	**7.1**	1.5	< 1.6	1.6	< 1.4	1.4	< 1.9	1.9	< 1.5	1.5
Silver	2	36	180	< 0.41	0.41	< 0.38	0.38	< 0.37	0.37	**0.78**	0.40	< 0.35	0.35	< 0.46	0.46	< 0.36	0.36

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 RSCO Guidance Value

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

bsg = below surface grade.

bcg = below cellar grade

Table 4
224 3rd Avenue, Brooklyn, NY
Groundwater Analytical Results
VOCs

Compound	NYSDEC Groundwater Quality Standards	GW1		GW2		GW3	
		4/25/2022		4/25/2022		4/25/2022	
		µg/L		µg/L		µg/L	
	µg/L	Result	RL	Result	RL	Result	RL
1,1,1-Trichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1,2,2-Tetrachloroethane	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
1,1,2-Trichloroethane	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1-Dichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
1,1-Dichloropropene	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
1,2,3-Trichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
1,2,3-Trichloropropane	0.04	< 0.25	0.25	< 0.25	0.25	< 0.50	0.50
1,2,4-Trichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
1,2,4-Trimethylbenzene	5	**0.3**	1.0	**0.45**	1.0	**0.6**	2.0
1,2-Dibromo-3-chloropropane	0.04	< 0.50	0.50	< 0.50	0.50	< 1.0	1.0
1,2-Dibromoethane	0.0006	< 0.25	0.25	< 0.25	0.25	< 0.50	0.50
1,2-Dichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
1,2-Dichloroethane	0.6	< 0.60	0.60	< 0.60	0.60	< 1.0	1.0
1,2-Dichloropropane	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3,5-Trimethylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
1,3-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
1,3-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
1,4-Dichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
2,2-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
2-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
2-Hexanone	50	< 2.5	2.5	< 2.5	2.5	< 5.0	5.0
2-Isopropyltoluene	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
4-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
4-Methyl-2-pentanone		< 2.5	2.5	< 2.5	2.5	< 5.0	5.0
Acetone	50	**3.6**	5.0	**5.1**	5.0	**7.5**	10
Benzene	1	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70
Bromobenzene	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Bromochloromethane	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Bromodichloromethane	50	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Bromoform	50	< 5.0	5.0	< 5.0	5.0	< 10	10
Bromomethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbon Disulfide		< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Carbon tetrachloride	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Chlorobenzene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroform	7	**2.2**	5.0	**1.3**	5.0	< 7.0	7.0
Chloromethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
cis-1,2-Dichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
cis-1,3-Dichloropropene	0.4	< 0.40	0.40	< 0.40	0.40	< 0.50	0.50
Dibromochloromethane	50	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Dibromomethane	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Dichlorodifluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Ethylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Hexachlorobutadiene	0.5	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Isopropylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
m&p-Xylene		< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Methyl ethyl ketone	50	< 2.5	2.5	< 2.5	2.5	< 5.0	5.0
Methyl t-butyl ether (MTBE)		< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Methylene chloride	5	< 3.0	3.0	< 3.0	3.0	< 5.0	5.0
Naphthalene	10	**1.1**	1.0	**2**	1.0	**2.2**	2.0
n-Butylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
n-Propylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
o-Xylene	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
p-Isopropyltoluene	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
sec-Butylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Styrene	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
tert-Butylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Tetrachloroethene	5	**1.8**	1.0	**2.7**	1.0	**2.8**	2.0
Tetrahydrofuran (THF)	50	< 5.0	5.0	< 5.0	5.0	< 10	10
Toluene	5	**0.41**	1.0	**0.6**	1.0	**0.88**	2.0
trans-1,2-Dichloroethene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
trans-1,3-Dichloropropene	0.4	< 0.40	0.40	< 0.40	0.40	< 0.50	0.50
trans-1,4-dichloro-2-butene	5	< 2.5	2.5	< 2.5	2.5	< 5.0	5.0
Trichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Trichlorofluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Trichlorotrifluoroethane	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Vinyl chloride	2	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
1,1,1,2-Tetrachloroethane	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Acrolein	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrylonitrile	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Tert-butyl alcohol		< 50	50	< 50	50	< 100	100

Notes:

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

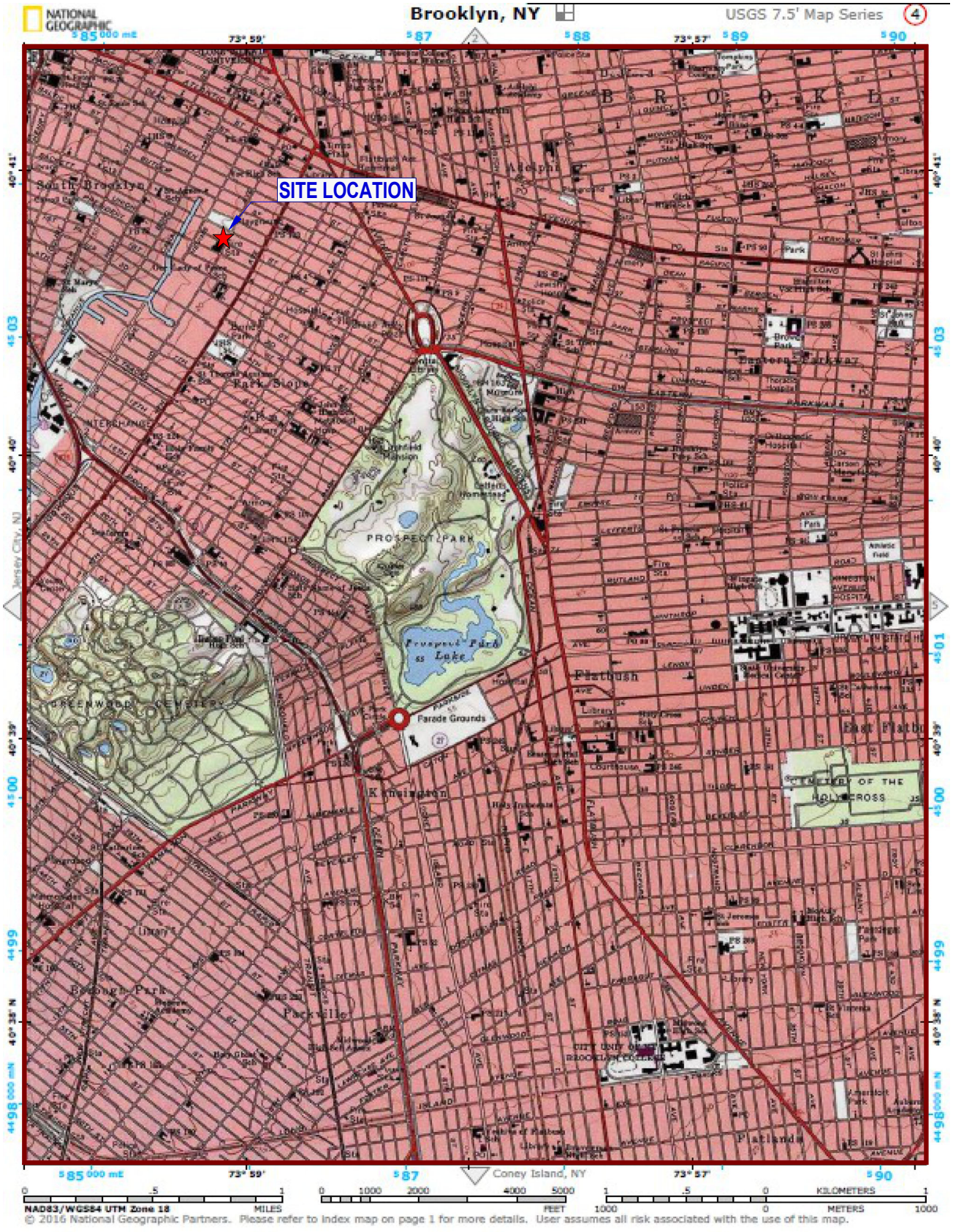
Bold Only - Indicates concentration above reporting limit but below the NYSDEC Groundwater Standard

Table 5
224 3rd Avenue, Brooklyn, NY
Soil Vapor Analytical Results
Volatile Organic Compounds - VOCs

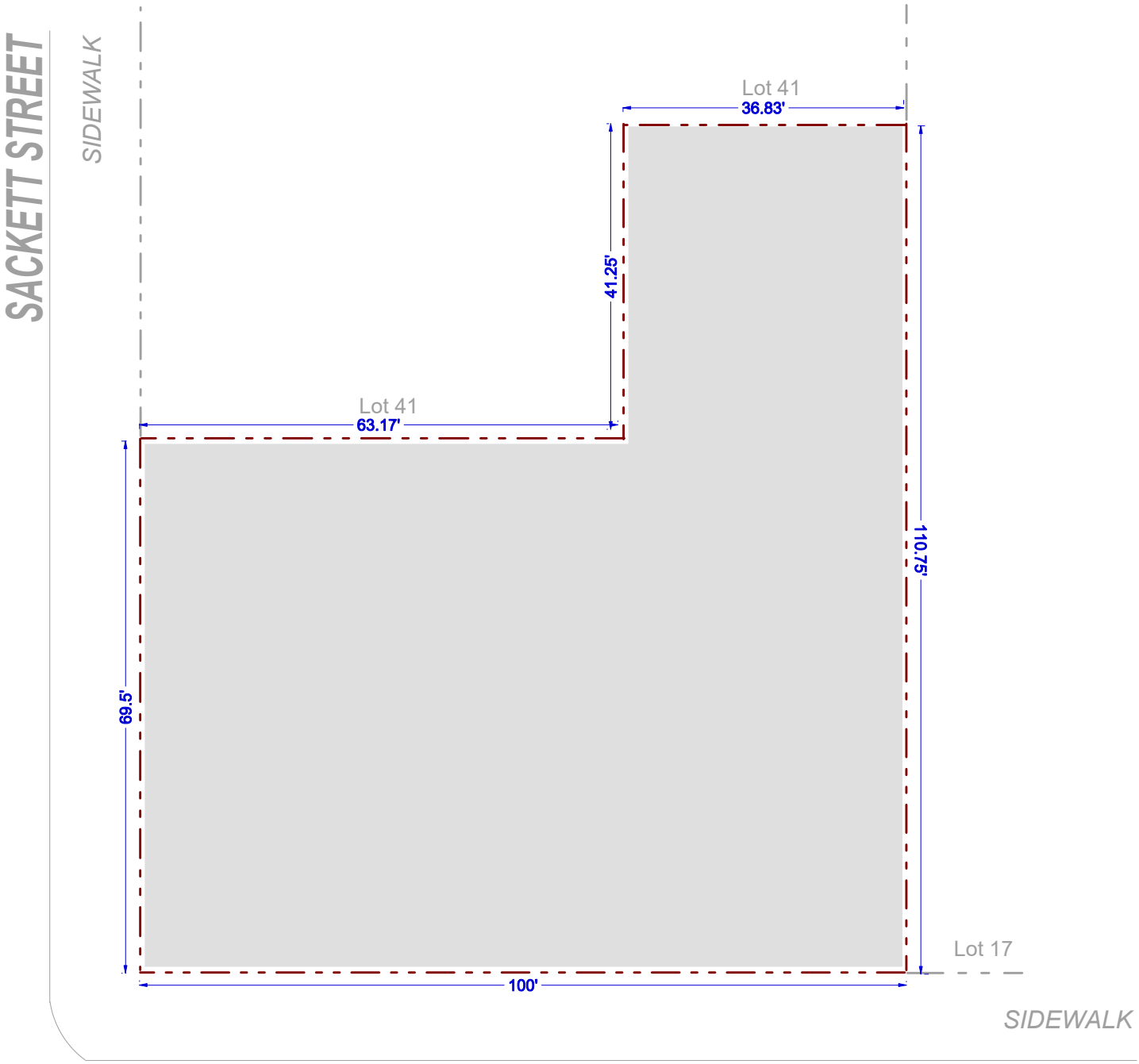
COMPOUNDS	NYSDOH Maximum Sub-Slab Value (µg/m^3) [a]	NYSDOH Soil Outdoor Background Levels (µg/m^3) [b]	SV1 4/25/2022 µg/m³		SV2 4/25/2022 µg/m³		SV3 4/25/2022 µg/m³	
			Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			< 1.00	1.00	< 1.00	1.00	< 5.00	5.00
1,1,1-Trichloroethane	100	<2.0 - 2.8	< 1.00	1.00	**22.1**	1.00	< 5.00	5.00
1,1,2,2-Tetrachloroethane		<1.5	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00
1,1,2-Trichloroethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00
1,1-Dichloroethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 5.02	5.02
1,1-Dichloroethene		<1.0	< 0.20	0.20	< 0.20	0.20	< 1.00	1.00
1,2,4-Trichlorobenzene		NA	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00
1,2,4-Trimethylbenzene		<1.0	**2.14**	1.00	**1.84**	1.00	< 5.01	5.01
1,2-Dibromoethane(EDB)		<1.5	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00
1,2-Dichlorobenzene		<2.0	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00
1,2-Dichloroethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 5.02	5.02
1,2-dichloropropane			< 1.00	1.00	< 1.00	1.00	< 4.99	4.99
1,2-Dichlorotetrafluoroethane			< 1.00	1.00	< 1.00	1.00	< 5.00	5.00
1,3,5-Trimethylbenzene		<1.0	< 1.00	1.00	< 1.00	1.00	< 5.01	5.01
1,3-Butadiene		NA	**5**	1.00	**2.3**	1.00	< 5.00	5.00
1,3-Dichlorobenzene		<2.0	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00
1,4-Dichlorobenzene		NA	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00
1,4-Dioxane			< 1.00	1.00	< 1.00	1.00	< 5.01	5.01
2-Hexanone(MBK)			< 1.00	1.00	< 1.00	1.00	< 4.99	4.99
4-Ethyltoluene		NA	**3.4**	1.00	**2.91**	1.00	< 5.01	5.01
4-Isopropyltoluene			< 1.00	1.00	< 1.00	1.00	< 5.00	5.00
4-Methyl-2-pentanone(MIBK)			**3.25**	1.00	**6.96**	1.00	< 4.99	4.99
Acetone		NA	**101**	5.01	**80.7**	1.00	**368**	5.01
Acrylonitrile			< 1.00	1.00	< 1.00	1.00	< 5.01	5.01
Benzene		<1.6 - 4.7	**12.1**	1.00	**18.9**	1.00	< 5.01	5.01
Benzyl chloride		NA	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00
Bromodichloromethane		<5.0	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00
Bromoform		<1.0	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00
Bromomethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 5.01	5.01
Carbon Disulfide		NA	**5.41**	1.00	**1.98**	1.00	**20.7**	5.01
Carbon Tetrachloride	5	<3.1	< 0.20	0.20	< 0.20	0.20	< 1.00	1.00
Chlorobenzene		<2.0	< 1.00	1.00	< 1.00	1.00	< 5.01	5.01
Chloroethane		NA	< 1.00	1.00	< 1.00	1.00	< 5.01	5.01
Chloroform		<2.4	**3.64**	1.00	**1.07**	1.00	**13.2**	4.98
Chloromethane		<1.0 - 1.4	**1.73**	1.00	< 1.00	1.00	< 4.99	4.99
Cis-1,2-Dichloroethene		<1.0	< 0.20	0.20	< 0.20	0.20	**503**	1.00
cis-1,3-Dichloropropene		NA	< 1.00	1.00	< 1.00	1.00	< 4.99	4.99
Cyclohexane		NA	< 1.00	1.00	< 1.00	1.00	< 4.99	4.99
Dibromochloromethane			< 1.00	1.00	< 1.00	1.00	< 5.00	5.00
Dichlorodifluoromethane		<5.0	**2.27**	1.00	**2.16**	1.00	< 4.99	4.99
Ethanol			**12.8**	1.00	**38**	1.00	**17.5**	5.01
Ethyl acetate		NA	< 1.00	1.00	**1.25**	1.00	< 5.01	5.01
Ethylbenzene		<4.3	**4.34**	1.00	**4.13**	1.00	**10.8**	4.99
Heptane		NA	**4.96**	1.00	**3.92**	1.00	**16.5**	5.00
Hexachlorobutadiene		NA	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00
Hexane		<1.5	**8.28**	1.00	**5.07**	1.00	**21.1**	5.00
Isopropylalcohol		NA	**22.6**	1.00	**38.8**	1.00	**15**	5.01
Isopropylbenzene			< 1.00	1.00	< 1.00	1.00	< 5.01	5.01
m,p-Xylene		<4.3	**14.6**	1.00	**15**	1.00	**29.2**	4.99
Methyl Ethyl Ketone			**11.2**	1.00	**12.9**	1.00	**17.1**	5.01
Methyl tert-butyl ether(MTBE)		NA	< 1.00	1.00	< 1.00	1.00	< 5.01	5.01
Methylene Chloride		<3.4	< 3.00	3.00	< 3.00	3.00	< 15.0	15.0
n-Butylbenzene			< 1.00	1.00	< 1.00	1.00	< 5.00	5.00
o-Xylene		<4.3	**3.27**	1.00	**3.88**	1.00	**11.9**	4.99
Propylene		NA	**13.1**	1.00	**13.8**	1.00	**67.8**	5.01
sec-Butylbenzene			< 1.00	1.00	< 1.00	1.00	< 5.00	5.00
Styrene		<1.0	< 1.00	1.00	< 1.00	1.00	< 4.98	4.98
Tetrachloroethene	30		**220**	0.25	**406**	1.25	**150,000**	420
Tetrahydrofuran		NA	**1.49**	1.00	**2.75**	1.00	< 5.01	5.01
Toluene		1.0 - 6.1	**354**	5.01	**361**	5.01	**90**	5.01
Trans-1,2-Dichloroethene		NA	< 1.00	1.00	< 1.00	1.00	**5.19**	4.99
trans-1,3-Dichloropropene		NA	< 1.00	1.00	< 1.00	1.00	< 4.99	4.99
Trichloroethene	5	<1.7	**0.26**	0.20	**0.56**	0.20	**477**	0.99
Trichlorofluoromethane		NA	**1.63**	1.00	**1.73**	1.00	< 5.00	5.00
Trichlorotrifluoroethane			< 1.00	1.00	< 1.00	1.00	< 5.00	5.00
Vinyl Chloride		<1.0	**0.92**	0.20	< 0.20	0.20	< 1.00	1.00
BTEX			**388.31**		**402.91**		**141.90**	
Total VOCs			**813.39**		**1049.71**		**151683.99**	
Total CVOCs			**224.82**		**429.73**		**150993.20**	

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)
All soil vapor point implants installed to 7 feet below surface grade.

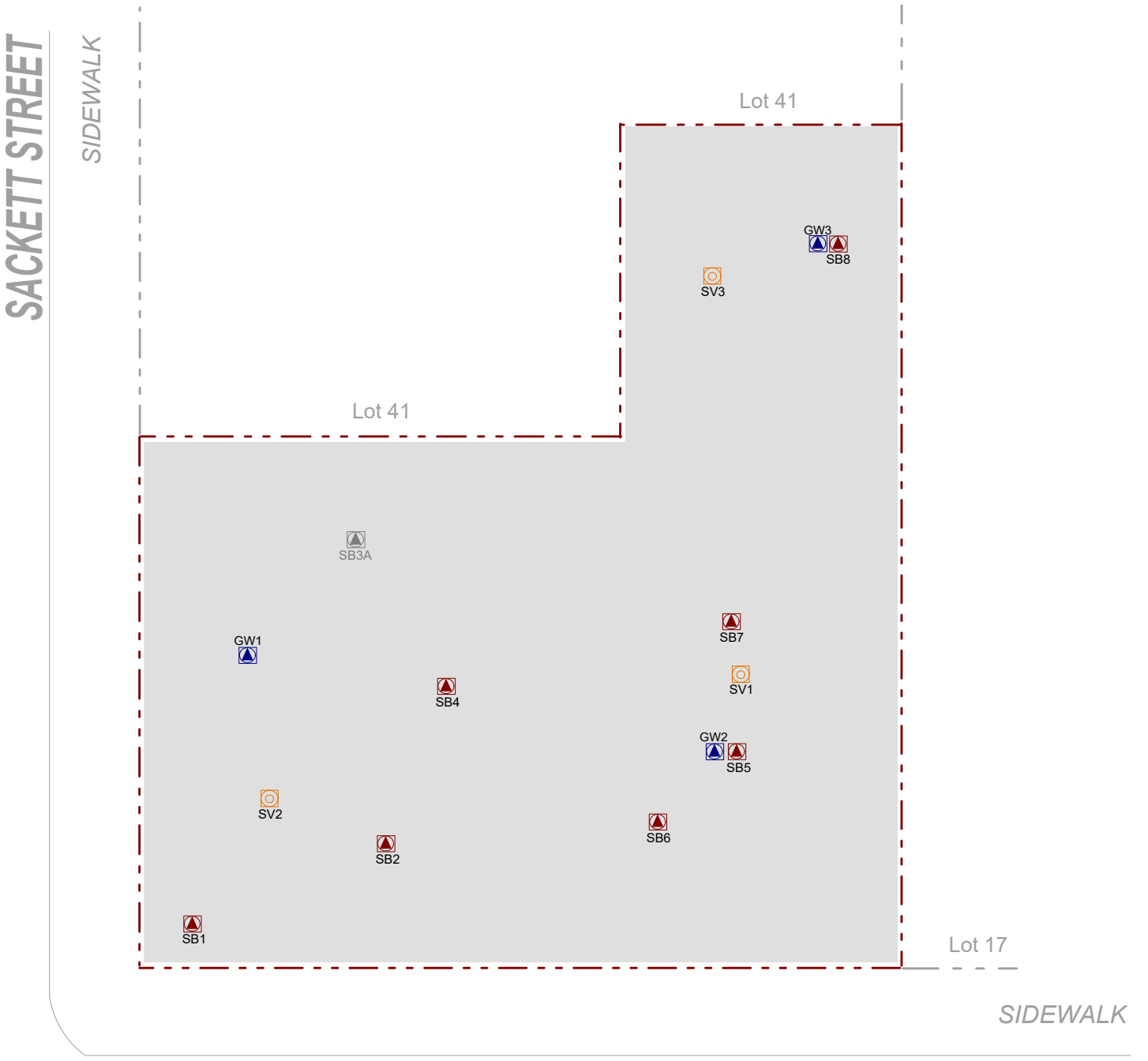
FIGURES



BRUSSEE Environmental Corp. PHONE: 631.338.1749	*Figure* **1**	Site Name: REDEVELOPMENT PROJECT Site Address: 224 3RD AVENUE, BROOKLYN, NY 11217 Drawing Title: SITE LOCATION MAP



BRUSSEE Environmental Corp. PHONE: 631.338.1749	Figure 2	Site Name: REDEVELOPMENT PROJECT
		Site Address: 224 3RD AVENUE, BROOKLYN, NY 11217
		Drawing Title: SITE BOUNDARY MAP



KEY:

- Property Boundary
- Existing Building
- Soil Boring Location
- Monitoring Well Location
- Soil Vapor Impant Location

SCALE:

0 10 20

Scale 1 Inch = 20 feet

*Note: Sample SB3A was not submitted for laboratory analysis

BRUSSEE Environmental Corp.
PHONE: 631.338.1749

Figure 3

Site Name: REDEVELOPMENT PROJECT

Site Address: 224 3RD AVENUE, BROOKLYN, NY 11217

Drawing Title: SITE SAMPLING LOCATION MAP

ATTACHMENT A
SOIL BORING LOGS

Geologic Boring Log Details

BRUSSEE Environmental Corp.
14 EVANS LANE, MILLER PLACE, NY 11764
CELL: 631-338-1749

SB1

Location: South-southeast portion of the Site in the warehouse building, 7 ft to the northeast of the southern exterior wall along Sackett Street and 6 ft to the northwest of the eastern exterior wall along 3rd Ave.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: Phase II Investigation Site	Address: 224-230 3rd Avenue, Brooklyn, NY (NYC Block 426, Lot 36)	Date / DTW	Ground Elevation
		Groundwater depth	
Drilling Company: Coastal Environmental Services	Method: Geoprobe 6620 DT		Well Specifications
Date Started: 4/25/2022	Date Completed: 4/25/2022		
Completion Depth: 15 feet below surface grade	Geologist Robert Bennett		

SB1 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0 to 5	23		0.0	23" (FILL) gray/brown gravelly silty sand, ash, trace brick, no odor **Retained soil sample SB1(0-2')*
	5 to 10	37		0.0	22" (FILL) gray/brown gravelly silty sand, ash, trace brick, no odor 15" (FILL) brown silty fine sand, gravel, brick, no odor
	10 to 15	41		0.0	4" (FILL) brown silty fine sand, gravel, brick, no odor 37" (FILL) brown silty fine sand, trace brick fragments, wet, no odor

Geologic Boring Log Details

BRUSSEE Environmental Corp.
14 EVANS LANE, MILLER PLACE, NY 11764
CELL: 631-338-1749

SB2

Location: Southwest side of the Site in the warehouse building, 32 ft to the northeast of the southern exterior wall along Sackett Street and 16 ft to the northwest of the eastern exterior wall along 3rd Ave.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: Phase II Investigation Site	Address: 224-230 3rd Avenue, Brooklyn, NY (NYC Block 426, Lot 36)	Date / DTW	Ground Elevation
		Groundwater depth	
Drilling Company: Coastal Environmental Services	Method: Geoprobe 6620 DT		Well Specifications
Date Started: 4/25/2022	Date Completed: 4/25/2022		
Completion Depth: 15 feet below surface grade	Geologist Robert Bennett		

SB2 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0 to 5	39		0.0	18" (FILL) gray/black sandy ash, brick, no odor 21" (FILL) brown/black silty sand, gravel, brick, ash, glass, no odor **Retained soil sample SB2(3-5')*
	5 to 10	42		0.0	10" (FILL) black sandy ash, brick, no odor 32" (FILL) brown silty fine sand, brick, wood, no odor
	10 to 15	40		0.2	40" brown/gray sand, wet, no odor

Geologic Boring Log Details

BRUSSEE Environmental Corp.
14 EVANS LANE, MILLER PLACE, NY 11764
CELL: 631-338-1749

SB3A

Location: Western portion of the Site in the partial cellar, 11 ft to the southeast of the northwestern exterior wall and 28 ft to the northeast of the southwestern exterior wall along Sackett Street.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: Phase II Investigation Site	Address: 224-230 3rd Avenue, Brooklyn, NY (NYC Block 426, Lot 36)	Date / DTW	Ground Elevation
		Groundwater depth	
Drilling Company: Coastal Environmental Services	Method: Hand Auger		Well Specifications
Date Started: 4/25/2022	Date Completed: 4/25/2022		
Completion Depth: 15 feet below surface grade	Geologist Robert Bennett		

SB4 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0 to 5	36		0.0	36" light brown gravelly silty sand, no odor *Did not retain soil sample from this location as no impacts were observed*

Geologic Boring Log Details

BRUSSEE Environmental Corp.
14 EVANS LANE, MILLER PLACE, NY 11764
CELL: 631-338-1749

SB3

Location: Northwest (rear) side of the Site in the warehouse building, approximately 10 ft to the north of the partial cellar. 10.5 ft to the southeast of the northwestern exterior wall and 58 ft northeast of the southwestern exterior wall along Sackett Street.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: Phase II Investigation Site	Address: 224-230 3rd Avenue, Brooklyn, NY (NYC Block 426, Lot 36)	Date / DTW	Ground Elevation
		Groundwater depth	
Drilling Company: Coastal Environmental Services	Method: Geoprobe 6620 DT		Well Specifications
Date Started: 4/25/2022	Date Completed: 4/25/2022		
Completion Depth: 15 feet below surface grade	Geologist Robert Bennett		

SB3 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	31		0.0	11" (FILL) black sandy ash, trace brick, glass, no odor 20" (FILL) brown silty sand, gravel, brick, concrete, no odor *No sample retained*
	to 10	37		0.0	37" (FILL) brown silty sand, gravel, brick, concrete, no odor
	to 15	48		0.1	48" brown sand, gravel, wet, no odor

Geologic Boring Log Details

BRUSSEE Environmental Corp.
14 EVANS LANE, MILLER PLACE, NY 11764
CELL: 631-338-1749

SB4

Location: Approximate center of the Site in the warehouse building, 33 ft to the southeast of the northwestern exterior wall and 40 ft to the northeast of the southwestern exterior wall along Sackett Street.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: Phase II Investigation Site	Address: 224-230 3rd Avenue, Brooklyn, NY (NYC Block 426, Lot 36)	Date / DTW	Ground Elevation
		Groundwater depth	
Drilling Company: Coastal Environmental Services	Method: Geoprobe 6620 DT		Well Specifications
Date Started: 4/25/2022	Date Completed: 4/25/2022		
Completion Depth: 15 feet below surface grade	Geologist Robert Bennett		

SB4 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0 to 5	19		0.0	16" gray/black wilty sand, gravel, crushed rock, no odor 3" (FILL) black/gray sandy gravelly ash, glass, no odor **Retained soil sample SB4(1-3')*
	5 to 10	30		2.0	13" (FILL) black/gray sandy gravelly ash, glass, no odor 17" (FILL) brown/black silty sand, gravel, brick, wood, no odor
	10 to 15	43		0.5	40" brown/gray sand, fine gravel, wet, no odor

Geologic Boring Log Details

BRUSSEE Environmental Corp.
14 EVANS LANE, MILLER PLACE, NY 11764
CELL: 631-338-1749

SB5

Location: Eastern portion of the Site in the warehouse building, 22 ft to the southwest of the northeastern exterior wall and 25 ft to the northeast of the southwestern exterior wall along 3rd Ave.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: Phase II Investigation Site	Address: 224-230 3rd Avenue, Brooklyn, NY (NYC Block 426, Lot 36)	Date / DTW	Ground Elevation
		Groundwater depth	
Drilling Company: Coastal Environmental Services	Method: Geoprobe 6620 DT		Well Specifications
Date Started: 4/25/2022	Date Completed: 4/25/2022		
Completion Depth: 15 feet below surface grade	Geologist Robert Bennett		

SB5 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0 to 5	22		0.0	7" (FILL) black/brown sand, ash, white putty/caulk-like substance, no odor 15" (FILL) brown silty fine sand, lots of brick, gravel, crushed rock, no odor **Retained soil sample SB5(1-3')*
	5 to 10	31		0.0	25" (FILL) brown silty fine sand, lots of brick, gravel, crushed rock, no odor 6" brown silty fine sand, gravel, no odor
	10 to 15	40		0.0	40" brown silty fine sand, gravel, wet, no odor

Geologic Boring Log Details

BRUSSEE Environmental Corp.
14 EVANS LANE, MILLER PLACE, NY 11764
CELL: 631-338-1749

SB6

Location: Eastern portion of the Site in the warehouse building, 32 ft to the southwest of the northeastern exterior wall and 19 ft to the northeast of the southwestern exterior wall along 3rd Ave.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: Phase II Investigation Site	Address: 224-230 3rd Avenue, Brooklyn, NY (NYC Block 426, Lot 36)	Date / DTW	Ground Elevation
		Groundwater depth	
Drilling Company: Coastal Environmental Services	Method: Geoprobe 6620 DT		Well Specifications
Date Started: 4/25/2022	Date Completed: 4/25/2022		
Completion Depth: 15 feet below surface grade	Geologist Robert Bennett		

SB6 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0 to 5	35		0.0	5" (FILL) black crushed coal/ash, no odor 30" (FILL) brown silty sand, brick, ash, concrete, no odor **Retained soil sample SB6(0-2')*
	5 to 10	38		1.1	38" (FILL) brown/gray sand, trace gravel, ash, no odor
	10 to 15	50		2.1	50" brown fine sand, wet, no odor

Geologic Boring Log Details

BRUSSEE Environmental Corp.
14 EVANS LANE, MILLER PLACE, NY 11764
CELL: 631-338-1749

SB7

Location: Northeast side of the Site in the warehouse building, 22 ft to the southwest of the northeastern exterior wall and 45 ft to the northeast of the southwestern exterior wall along 3rd Ave.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: Phase II Investigation Site	Address: 224-230 3rd Avenue, Brooklyn, NY (NYC Block 426, Lot 36)	Date / DTW	Ground Elevation
		Groundwater depth	
Drilling Company: Coastal Environmental Services	Method: Geoprobe 6620 DT		Well Specifications
Date Started: 4/25/2022	Date Completed: 4/25/2022		
Completion Depth: 15 feet below surface grade	Geologist Robert Bennett		

SB7 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	41		0.3	30" (FILL) brown silty sand, gravel, brick, ash, no odor 11" (FILL) black/gray silty sand, lots of brick, no odor **Retained soil sample SB7(3-5')*
	to 10	45		0.3	45" (FILL) black/gray silty sand, lots of brick, no odor
	to 15	53		0.8	20" light brown clayey sand, wet, no odor 33" brown sand, trace gravel, wet, no odor

Geologic Boring Log Details

BRUSSEE Environmental Corp.
14 EVANS LANE, MILLER PLACE, NY 11764
CELL: 631-338-1749

SB8

Location: North corner of the Site in the warehouse building, 8 ft to the southwest of the northeastern exterior wall and 16 ft to the southeast of the northwestern (rear) exterior wall.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: Phase II Investigation Site	Address: 224-230 3rd Avenue, Brooklyn, NY (NYC Block 426, Lot 36)	Date / DTW	Ground Elevation
		Groundwater depth	
Drilling Company: Coastal Environmental Services	Method: Geoprobe 6620 DT		Well Specifications
Date Started: 4/25/2022	Date Completed: 4/25/2022		
Completion Depth: 15 feet below surface grade	Geologist Robert Bennett		

SB8 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0 to 5	18		0.0	6" (FILL) black crushed coal and ash 12" (FILL) brown/black silty sand, brick, ash, no odor **Retained soil sample SB8(2-4')*
	5 to 10	26		0.0	26" (FILL) brown/black silty sand, brick, ash, no odor
	10 to 15	44		0.7	4" (FILL) brown/black silty sand, brick, ash, wet, no odor 40" gray/brown fine sand, fine gravel, wet, no odor

ATTACHMENT B
LABORATORY ANALYTICAL REPORTS

PHOENIX
Environmental Laboratories, Inc.

Friday, April 29, 2022

Attn: Mr Kevin Brussee
Brussee Environmental Corp
14 Evans Lane
Miller Place, NY 11764

Project ID: 224 3RD AVE
SDG ID: GCL16695
Sample ID#s: CL16695 - CL16697

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.

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.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

April 29, 2022

SDG I.D.: GCL16695

Project ID: 224 3RD AVE

Client Id	Lab Id	Matrix
SV3	CL16695	AIR
SV2	CL16696	AIR
SV1	CL16697	AIR

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 29, 2022

FOR: Attn: Mr Kevin Brussee
Brussee Environmental Corp
14 Evans Lane
Miller Place, NY 11764

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB	04/25/22	12:00
Location Code:	BRUSSEE	Received by:	CP	04/26/22	16:25
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	13651				

Laboratory Data

SDG ID: GCL16695
Phoenix ID: CL16695

Project ID: 224 3RD AVE
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*	04/27/22	KCA	5	1
1,1,1-Trichloroethane	ND	*0.917*	ND	*5.00*	04/27/22	KCA	5	
1,1,2,2-Tetrachloroethane	ND	*0.729*	ND	*5.00*	04/27/22	KCA	5	
1,1,2-Trichloroethane	ND	*0.917*	ND	*5.00*	04/27/22	KCA	5	
1,1-Dichloroethane	ND	*1.24*	ND	*5.02*	04/27/22	KCA	5	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	04/27/22	KCA	5	
1,2,4-Trichlorobenzene	ND	*0.674*	ND	*5.00*	04/27/22	KCA	5	
1,2,4-Trimethylbenzene	ND	*1.02*	ND	*5.01*	04/27/22	KCA	5	
1,2-Dibromoethane(EDB)	ND	*0.651*	ND	*5.00*	04/27/22	KCA	5	
1,2-Dichlorobenzene	ND	*0.832*	ND	*5.00*	04/27/22	KCA	5	
1,2-Dichloroethane	ND	*1.24*	ND	*5.02*	04/27/22	KCA	5	
1,2-dichloropropane	ND	*1.08*	ND	*4.99*	04/27/22	KCA	5	
1,2-Dichlorotetrafluoroethane	ND	*0.716*	ND	*5.00*	04/27/22	KCA	5	
1,3,5-Trimethylbenzene	ND	*1.02*	ND	*5.01*	04/27/22	KCA	5	
1,3-Butadiene	ND	*2.26*	ND	*5.00*	04/27/22	KCA	5	
1,3-Dichlorobenzene	ND	*0.832*	ND	*5.00*	04/27/22	KCA	5	
1,4-Dichlorobenzene	ND	*0.832*	ND	*5.00*	04/27/22	KCA	5	
1,4-Dioxane	ND	*1.39*	ND	*5.01*	04/27/22	KCA	5	
2-Hexanone(MBK)	ND	*1.22*	ND	*4.99*	04/27/22	KCA	5	1
4-Ethyltoluene	ND	*1.02*	ND	*5.01*	04/27/22	KCA	5	1
4-Isopropyltoluene	ND	*0.911*	ND	*5.00*	04/27/22	KCA	5	1
4-Methyl-2-pentanone(MIBK)	ND	*1.22*	ND	*4.99*	04/27/22	KCA	5	
Acetone	155	*2.11*	368	*5.01*	04/27/22	KCA	5	
Acrylonitrile	ND	*2.31*	ND	*5.01*	04/27/22	KCA	5	
Benzene	ND	*1.57*	ND	*5.01*	04/27/22	KCA	5	
Benzyl chloride	ND	*0.966*	ND	*5.00*	04/27/22	KCA	5	

Project ID: 224 3RD AVE
Client ID: SV3

Phoenix I.D.: CL16695

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.747*	ND	*5.00*	04/27/22	KCA	5	
Bromoform	ND	*0.484*	ND	*5.00*	04/27/22	KCA	5	
Bromomethane	ND	*1.29*	ND	*5.01*	04/27/22	KCA	5	
Carbon Disulfide	6.65	*1.61*	20.7	*5.01*	04/27/22	KCA	5	
Carbon Tetrachloride	ND	*0.159*	ND	*1.00*	04/27/22	KCA	5	
Chlorobenzene	ND	*1.09*	ND	*5.01*	04/27/22	KCA	5	
Chloroethane	ND	*1.90*	ND	*5.01*	04/27/22	KCA	5	
Chloroform	2.71	*1.02*	13.2	*4.98*	04/27/22	KCA	5	
Chloromethane	ND	*2.42*	ND	*4.99*	04/27/22	KCA	5	
Cis-1,2-Dichloroethene	127	*0.252*	503	*1.00*	04/27/22	KCA	5	
cis-1,3-Dichloropropene	ND	*1.10*	ND	*4.99*	04/27/22	KCA	5	
Cyclohexane	ND	*1.45*	ND	*4.99*	04/27/22	KCA	5	
Dibromochloromethane	ND	*0.587*	ND	*5.00*	04/27/22	KCA	5	
Dichlorodifluoromethane	ND	*1.01*	ND	*4.99*	04/27/22	KCA	5	
Ethanol	9.30	*2.66*	17.5	*5.01*	04/27/22	KCA	5	1
Ethyl acetate	ND	*1.39*	ND	*5.01*	04/27/22	KCA	5	1
Ethylbenzene	2.50	*1.15*	10.8	*4.99*	04/27/22	KCA	5	
Heptane	4.03	*1.22*	16.5	*5.00*	04/27/22	KCA	5	
Hexachlorobutadiene	ND	*0.469*	ND	*5.00*	04/27/22	KCA	5	
Hexane	6.00	*1.42*	21.1	*5.00*	04/27/22	KCA	5	
Isopropylalcohol	6.11	*2.04*	15.0	*5.01*	04/27/22	KCA	5	
Isopropylbenzene	ND	*1.02*	ND	*5.01*	04/27/22	KCA	5	
m,p-Xylene	6.73	*1.15*	29.2	*4.99*	04/27/22	KCA	5	
Methyl Ethyl Ketone	5.80	*1.70*	17.1	*5.01*	04/27/22	KCA	5	
Methyl tert-butyl ether(MTBE)	ND	*1.39*	ND	*5.01*	04/27/22	KCA	5	
Methylene Chloride	ND	*4.32*	ND	*15.0*	04/27/22	KCA	5	
n-Butylbenzene	ND	*0.911*	ND	*5.00*	04/27/22	KCA	5	1
o-Xylene	2.75	*1.15*	11.9	*4.99*	04/27/22	KCA	5	
Propylene	39.4	*2.91*	67.8	*5.01*	04/27/22	KCA	5	1
sec-Butylbenzene	ND	*0.911*	ND	*5.00*	04/27/22	KCA	5	1
Styrene	ND	*1.17*	ND	*4.98*	04/27/22	KCA	5	
Tetrachloroethene	22100	*62.0*	150000	*420*	04/28/22	KCA	1680	
Tetrahydrofuran	ND	*1.70*	ND	*5.01*	04/27/22	KCA	5	1
Toluene	23.9	*1.33*	90.0	*5.01*	04/27/22	KCA	5	
Trans-1,2-Dichloroethene	1.31	*1.26*	5.19	*4.99*	04/27/22	KCA	5	
trans-1,3-Dichloropropene	ND	*1.10*	ND	*4.99*	04/27/22	KCA	5	
Trichloroethene	88.8	*0.185*	477	*0.99*	04/27/22	KCA	5	
Trichlorofluoromethane	ND	*0.891*	ND	*5.00*	04/27/22	KCA	5	
Trichlorotrifluoroethane	ND	*0.653*	ND	*5.00*	04/27/22	KCA	5	
Vinyl Chloride	ND	*0.390*	ND	*1.00*	04/27/22	KCA	5	
QA/QC Surrogates/Internals								
% Bromofluorobenzene (5x)	100	*%*	100	*%*	04/27/22	KCA	5	
% IS-1,4-Difluorobenzene (5x)	105	*%*	105	*%*	04/27/22	KCA	5	
% IS-Bromochloromethane (5x)	103	*%*	103	*%*	04/27/22	KCA	5	
% IS-Chlorobenzene-d5 (5x)	112	*%*	112	*%*	04/27/22	KCA	5	
% Bromofluorobenzene (1680x)	92	*%*	92	*%*	04/28/22	KCA	1680	
% IS-1,4-Difluorobenzene (1680x)	85	*%*	85	*%*	04/28/22	KCA	1680	
% IS-Bromochloromethane (1680x)	83	*%*	83	*%*	04/28/22	KCA	1680	
% IS-Chlorobenzene-d5 (1680x)	84	*%*	84	*%*	04/28/22	KCA	1680	

Ver 1

Project ID: 224 3RD AVE
Client ID: SV3

Phoenix I.D.: CL16695

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

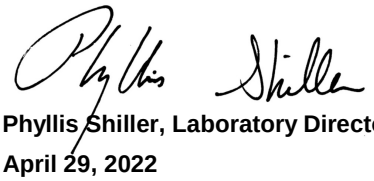
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

The canister was received under no vacuum, therefore sample results may not be representative.

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

April 29, 2022

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 29, 2022

FOR: Attn: Mr Kevin Brussee
Brussee Environmental Corp
14 Evans Lane
Miller Place, NY 11764

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB	04/25/22	11:00
Location Code:	BRUSSEE	Received by:	CP	04/26/22	16:25
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	484				

Project ID: 224 3RD AVE
Client ID: SV2

Laboratory Data

SDG ID: GCL16695
Phoenix ID: CL16696

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	04/27/22	KCA	1	1
1,1,1-Trichloroethane	4.06	*0.183*	22.1	*1.00*	04/27/22	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	04/27/22	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	04/27/22	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	04/27/22	KCA	1	
1,1-Dichloroethene	ND	*0.051*	ND	*0.20*	04/27/22	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	04/27/22	KCA	1	
1,2,4-Trimethylbenzene	0.374	*0.204*	1.84	*1.00*	04/27/22	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	04/27/22	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	04/27/22	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	04/27/22	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	04/27/22	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	04/27/22	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.00*	04/27/22	KCA	1	
1,3-Butadiene	1.04	*0.452*	2.30	*1.00*	04/27/22	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	04/27/22	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	04/27/22	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	04/27/22	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	04/27/22	KCA	1	1
4-Ethyltoluene	0.593	*0.204*	2.91	*1.00*	04/27/22	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	04/27/22	KCA	1	1
4-Methyl-2-pentanone(MIBK)	1.70	*0.244*	6.96	*1.00*	04/27/22	KCA	1	
Acetone	34.0	*0.421*	80.7	*1.00*	04/27/22	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	04/27/22	KCA	1	
Benzene	5.93	*0.313*	18.9	*1.00*	04/27/22	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	04/27/22	KCA	1	

Project ID: 224 3RD AVE
Client ID: SV2

Phoenix I.D.: CL16696

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	04/27/22	KCA	1	
Bromoform	ND	*0.097*	ND	*1.00*	04/27/22	KCA	1	
Bromomethane	ND	*0.258*	ND	*1.00*	04/27/22	KCA	1	
Carbon Disulfide	0.636	*0.321*	1.98	*1.00*	04/27/22	KCA	1	
Carbon Tetrachloride	ND	*0.032*	ND	*0.20*	04/27/22	KCA	1	
Chlorobenzene	ND	*0.217*	ND	*1.00*	04/27/22	KCA	1	
Chloroethane	ND	*0.379*	ND	*1.00*	04/27/22	KCA	1	
Chloroform	0.220	*0.205*	1.07	*1.00*	04/27/22	KCA	1	
Chloromethane	ND	*0.485*	ND	*1.00*	04/27/22	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	ND	*0.20*	04/27/22	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	04/27/22	KCA	1	
Cyclohexane	ND	*0.291*	ND	*1.00*	04/27/22	KCA	1	
Dibromochloromethane	ND	*0.118*	ND	*1.00*	04/27/22	KCA	1	
Dichlorodifluoromethane	0.438	*0.202*	2.16	*1.00*	04/27/22	KCA	1	
Ethanol	20.2	*0.531*	38.0	*1.00*	04/27/22	KCA	1	1
Ethyl acetate	0.346	*0.278*	1.25	*1.00*	04/27/22	KCA	1	1
Ethylbenzene	0.952	*0.230*	4.13	*1.00*	04/27/22	KCA	1	
Heptane	0.957	*0.244*	3.92	*1.00*	04/27/22	KCA	1	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	04/27/22	KCA	1	
Hexane	1.44	*0.284*	5.07	*1.00*	04/27/22	KCA	1	
Isopropylalcohol	15.8	*0.407*	38.8	*1.00*	04/27/22	KCA	1	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	04/27/22	KCA	1	
m,p-Xylene	3.45	*0.230*	15.0	*1.00*	04/27/22	KCA	1	
Methyl Ethyl Ketone	4.37	*0.339*	12.9	*1.00*	04/27/22	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	04/27/22	KCA	1	
Methylene Chloride	ND	*0.863*	ND	*3.00*	04/27/22	KCA	1	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	04/27/22	KCA	1	1
o-Xylene	0.893	*0.230*	3.88	*1.00*	04/27/22	KCA	1	
Propylene	8.02	*0.581*	13.8	*1.00*	04/27/22	KCA	1	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	04/27/22	KCA	1	1
Styrene	ND	*0.235*	ND	*1.00*	04/27/22	KCA	1	
Tetrachloroethene	59.9	*0.184*	406	*1.25*	04/27/22	KCA	5	
Tetrahydrofuran	0.934	*0.339*	2.75	*1.00*	04/27/22	KCA	1	1
Toluene	95.9	*1.33*	361	*5.01*	04/27/22	KCA	5	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	04/27/22	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	04/27/22	KCA	1	
Trichloroethene	0.104	*0.037*	0.56	*0.20*	04/27/22	KCA	1	
Trichlorofluoromethane	0.308	*0.178*	1.73	*1.00*	04/27/22	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	ND	*1.00*	04/27/22	KCA	1	
Vinyl Chloride	ND	*0.078*	ND	*0.20*	04/27/22	KCA	1	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	92	*%*	92	*%*	04/27/22	KCA	1	
% IS-1,4-Difluorobenzene	100	*%*	100	*%*	04/27/22	KCA	1	
% IS-Bromochloromethane	98	*%*	98	*%*	04/27/22	KCA	1	
% IS-Chlorobenzene-d5	115	*%*	115	*%*	04/27/22	KCA	1	
% Bromofluorobenzene (5x)	94	*%*	94	*%*	04/27/22	KCA	5	
% IS-1,4-Difluorobenzene (5x)	91	*%*	91	*%*	04/27/22	KCA	5	
% IS-Bromochloromethane (5x)	99	*%*	99	*%*	04/27/22	KCA	5	
% IS-Chlorobenzene-d5 (5x)	104	*%*	104	*%*	04/27/22	KCA	5	

Project ID: 224 3RD AVE
Client ID: SV2

Phoenix I.D.: CL16696

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

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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Phyllis Shiller, Laboratory Director

April 29, 2022

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 29, 2022

FOR: Attn: Mr Kevin Brussee
Brussee Environmental Corp
14 Evans Lane
Miller Place, NY 11764

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB	04/25/22	11:30
Location Code:	BRUSSEE	Received by:	CP	04/26/22	16:25
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	362				

Laboratory Data

SDG ID: GCL16695
Phoenix ID: CL16697

Project ID: 224 3RD AVE
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	*0.146*	ND	*1.00*	04/27/22	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	04/27/22	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	04/27/22	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	04/27/22	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	04/27/22	KCA	1	
1,1-Dichloroethene	ND	*0.051*	ND	*0.20*	04/27/22	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	04/27/22	KCA	1	
1,2,4-Trimethylbenzene	0.435	*0.204*	2.14	*1.00*	04/27/22	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	04/27/22	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	04/27/22	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	04/27/22	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	04/27/22	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	04/27/22	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.00*	04/27/22	KCA	1	
1,3-Butadiene	2.26	*0.452*	5.00	*1.00*	04/27/22	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	04/27/22	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	04/27/22	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	04/27/22	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	04/27/22	KCA	1	1
4-Ethyltoluene	0.692	*0.204*	3.40	*1.00*	04/27/22	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	04/27/22	KCA	1	1
4-Methyl-2-pentanone(MIBK)	0.793	*0.244*	3.25	*1.00*	04/27/22	KCA	1	
Acetone	42.4	*2.11*	101	*5.01*	04/27/22	KCA	5	
Acrylonitrile	ND	*0.461*	ND	*1.00*	04/27/22	KCA	1	
Benzene	3.78	*0.313*	12.1	*1.00*	04/27/22	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	04/27/22	KCA	1	

Project ID: 224 3RD AVE
Client ID: SV1

Phoenix I.D.: CL16697

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	04/27/22	KCA	1	
Bromoform	ND	*0.097*	ND	*1.00*	04/27/22	KCA	1	
Bromomethane	ND	*0.258*	ND	*1.00*	04/27/22	KCA	1	
Carbon Disulfide	1.74	*0.321*	5.41	*1.00*	04/27/22	KCA	1	
Carbon Tetrachloride	ND	*0.032*	ND	*0.20*	04/27/22	KCA	1	
Chlorobenzene	ND	*0.217*	ND	*1.00*	04/27/22	KCA	1	
Chloroethane	ND	*0.379*	ND	*1.00*	04/27/22	KCA	1	
Chloroform	0.745	*0.205*	3.64	*1.00*	04/27/22	KCA	1	
Chloromethane	0.839	*0.485*	1.73	*1.00*	04/27/22	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	ND	*0.20*	04/27/22	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	04/27/22	KCA	1	
Cyclohexane	ND	*0.291*	ND	*1.00*	04/27/22	KCA	1	
Dibromochloromethane	ND	*0.118*	ND	*1.00*	04/27/22	KCA	1	
Dichlorodifluoromethane	0.460	*0.202*	2.27	*1.00*	04/27/22	KCA	1	
Ethanol	6.78	*0.531*	12.8	*1.00*	04/27/22	KCA	1	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	04/27/22	KCA	1	1
Ethylbenzene	1.00	*0.230*	4.34	*1.00*	04/27/22	KCA	1	
Heptane	1.21	*0.244*	4.96	*1.00*	04/27/22	KCA	1	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	04/27/22	KCA	1	
Hexane	2.35	*0.284*	8.28	*1.00*	04/27/22	KCA	1	
Isopropylalcohol	9.22	*0.407*	22.6	*1.00*	04/27/22	KCA	1	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	04/27/22	KCA	1	
m,p-Xylene	3.37	*0.230*	14.6	*1.00*	04/27/22	KCA	1	
Methyl Ethyl Ketone	3.79	*0.339*	11.2	*1.00*	04/27/22	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	04/27/22	KCA	1	
Methylene Chloride	ND	*0.863*	ND	*3.00*	04/27/22	KCA	1	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	04/27/22	KCA	1	1
o-Xylene	0.754	*0.230*	3.27	*1.00*	04/27/22	KCA	1	
Propylene	7.64	*0.581*	13.1	*1.00*	04/27/22	KCA	1	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	04/27/22	KCA	1	1
Styrene	ND	*0.235*	ND	*1.00*	04/27/22	KCA	1	
Tetrachloroethene	32.4	*0.037*	220	*0.25*	04/27/22	KCA	1	
Tetrahydrofuran	0.506	*0.339*	1.49	*1.00*	04/27/22	KCA	1	1
Toluene	93.9	*1.33*	354	*5.01*	04/27/22	KCA	5	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	04/27/22	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	04/27/22	KCA	1	
Trichloroethene	0.048	*0.037*	0.26	*0.20*	04/27/22	KCA	1	
Trichlorofluoromethane	0.290	*0.178*	1.63	*1.00*	04/27/22	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	ND	*1.00*	04/27/22	KCA	1	
Vinyl Chloride	0.361	*0.078*	0.92	*0.20*	04/27/22	KCA	1	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	91	%	91	%	04/27/22	KCA	1	
% IS-1,4-Difluorobenzene	103	%	103	%	04/27/22	KCA	1	
% IS-Bromochloromethane	103	%	103	%	04/27/22	KCA	1	
% IS-Chlorobenzene-d5	114	%	114	%	04/27/22	KCA	1	
% Bromofluorobenzene (5x)	97	%	97	%	04/27/22	KCA	5	
% IS-1,4-Difluorobenzene (5x)	100	%	100	%	04/27/22	KCA	5	
% IS-Bromochloromethane (5x)	99	%	99	%	04/27/22	KCA	5	
% IS-Chlorobenzene-d5 (5x)	100	%	100	%	04/27/22	KCA	5	

Ver 1

Project ID: 224 3RD AVE
Client ID: SV1

Phoenix I.D.: CL16697

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

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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

Phyllis Shiller, Laboratory Director

April 29, 2022

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Canister Sampling Information

April 29, 2022

FOR: Attn: Mr Kevin Brussee
Brussee Environmental Corp
14 Evans Lane
Miller Place, NY 11764

Location Code: BRUSSEE

Project ID: 224 3RD AVE

SDG I.D.: GCL16695

						Laboratory					Field			
Client Id	Lab Id	Canister Id	Canister Type	Reg. Id	Chk Out Date	Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
SV3	CL16695	13651	6.0L	3259	04/15/22	-30	0	44	46	4.4	-30	-2	04/25/22 10:00	04/25/22 12:00
SV2	CL16696	484	6.0L	7045	04/15/22	-30	-1	45	45	0.0	-30	-4	04/25/22 09:00	04/25/22 11:00
SV1	CL16697	362	6.0L	7027	04/15/22	-30	-1	44	43	2.3	-30	-3	04/25/22 09:30	04/25/22 11:30

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

April 29, 2022

QA/QC Data

SDG I.D.: GCL16695

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 622185 (ppbv), QC Sample No: CL16646 (CL16695 (5X) , CL16696 (1X, 5X) , CL16697 (1X, 5X))												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.150	ND	1.03	98	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.180	ND	0.98	97	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.150	ND	1.03	104	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.180	ND	0.98	99	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.250	ND	1.01	97	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.050	ND	0.20	98	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.130	ND	0.96	139	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.200	ND	0.98	107	1.34	1.39	0.272	0.283	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.170	ND	1.02	111	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.250	ND	1.01	99	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.220	ND	1.02	100	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.140	ND	0.98	104	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.200	ND	0.98	117	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.450	ND	0.99	103	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.170	ND	1.02	110	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.170	ND	1.02	111	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.280	ND	1.01	100	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.240	ND	0.98	105	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.200	ND	0.98	97	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.180	ND	0.99	105	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.240	ND	0.98	107	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.420	ND	1.00	111	60.3	62.2	25.4	26.2	3.1	70 - 130	25
Acrylonitrile	ND	0.460	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.310	ND	0.99	96	ND	ND	ND	ND	NC	70 - 130	25
Benzyl chloride	ND	0.190	ND	0.98	102	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.150	ND	1.00	100	9.7	10.0	1.45	1.50	3.4	70 - 130	25
Bromoform	ND	0.097	ND	1.00	105	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	95	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.032	ND	0.20	96	0.50	0.50	0.079	0.079	NC	70 - 130	25
Chlorobenzene	ND	0.220	ND	1.01	100	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.380	ND	1.00	88	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.200	ND	0.98	96	106	108	21.7	22.1	1.8	70 - 130	25
Chloromethane	ND	0.480	ND	0.99	113	ND	ND	ND	ND	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.050	ND	0.20	99	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	97	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	102	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.200	ND	0.99	101	13.0	10.9	2.64	2.20	18.2	70 - 130	25
Ethanol	ND	0.530	ND	1.00	113	12.2	13.5	6.49	7.15	9.7	70 - 130	25

QA/QC Data

SDG I.D.: GCL16695

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	
Ethyl acetate	ND	0.280	ND	1.01	96	ND	ND	ND	ND	NC	70 - 130	25	
Ethylbenzene	ND	0.230	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25	
Heptane	ND	0.240	ND	0.98	104	1.52	1.73	0.370	0.423	NC	70 - 130	25	
Hexachlorobutadiene	ND	0.094	ND	1.00	141	ND	ND	ND	ND	NC	70 - 130	25	I
Hexane	ND	0.280	ND	0.99	98	1.43	1.35	0.405	0.384	NC	70 - 130	25	
Isopropylalcohol	ND	0.410	ND	1.01	113	4.91	5.21	2.00	2.12	NC	70 - 130	25	
Isopropylbenzene	ND	0.200	ND	0.98	99	ND	ND	ND	ND	NC	70 - 130	25	
m,p-Xylene	ND	0.230	ND	1.00	100	1.04	ND	0.239	ND	NC	70 - 130	25	
Methyl Ethyl Ketone	ND	0.340	ND	1.00	104	7.72	7.63	2.62	2.59	1.2	70 - 130	25	
Methyl tert-butyl ether(MTBE)	ND	0.280	ND	1.01	96	ND	ND	ND	ND	NC	70 - 130	25	
Methylene Chloride	ND	0.860	ND	2.99	105	ND	ND	ND	ND	NC	70 - 130	25	
n-Butylbenzene	ND	0.180	ND	0.99	110	ND	ND	ND	ND	NC	70 - 130	25	
o-Xylene	ND	0.230	ND	1.00	94	ND	ND	ND	ND	NC	70 - 130	25	
Propylene	ND	0.580	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25	
sec-Butylbenzene	ND	0.180	ND	0.99	104	ND	ND	ND	ND	NC	70 - 130	25	
Styrene	ND	0.230	ND	0.98	99	ND	ND	ND	ND	NC	70 - 130	25	
Tetrachloroethene	ND	0.037	ND	0.25	100	10.4	10.8	1.53	1.60	4.5	70 - 130	25	
Tetrahydrofuran	ND	0.340	ND	1.00	101	6.63	7.16	2.25	2.43	7.7	70 - 130	25	
Toluene	ND	0.270	ND	1.02	98	1.88	1.96	0.500	0.520	NC	70 - 130	25	
Trans-1,2-Dichloroethene	ND	0.250	ND	0.99	99	ND	ND	ND	ND	NC	70 - 130	25	
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25	
Trichloroethene	ND	0.037	ND	0.20	99	0.78	0.81	0.146	0.150	NC	70 - 130	25	
Trichlorofluoromethane	ND	0.180	ND	1.01	108	4.85	4.78	0.864	0.851	NC	70 - 130	25	
Trichlorotrifluoroethane	ND	0.130	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25	
Vinyl Chloride	ND	0.078	ND	0.20	105	ND	ND	ND	ND	NC	70 - 130	25	
% Bromofluorobenzene	91	%	91	%	97	103	102	103	102	NC	70 - 130	25	
% IS-1,4-Difluorobenzene	109	%	109	%	105	92	89	92	89	NC	60 - 140	25	
% IS-Bromochloromethane	105	%	105	%	107	94	91	94	91	NC	60 - 140	25	
% IS-Chlorobenzene-d5	103	%	103	%	118	94	94	94	94	NC	60 - 140	25	
QA/QC Batch 622343 (ppbv), QC Sample No: CL17450 (CL16695 (1680X))													
Volatiles													
Tetrachloroethene	ND	0.100	ND	0.68	106	1150	1150	170	170	0.0	70 - 130	25	
% Bromofluorobenzene	96	%	96	%	99	100	101	100	101	NC	70 - 130	25	
% IS-1,4-Difluorobenzene	109	%	109	%	102	98	98	98	98	NC	60 - 140	25	
% IS-Bromochloromethane	106	%	106	%	99	96	96	96	96	NC	60 - 140	25	
% IS-Chlorobenzene-d5	104	%	104	%	102	97	95	97	95	NC	60 - 140	25	

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

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

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

Phyllis Shiller, Laboratory Director
April 29, 2022

Friday, April 29, 2022

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCL16695 - 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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

April 29, 2022 SDG I.D.: GCL16695

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

(A)

PHOENIX Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD
AIR ANALYSES

800-827-5426

email: greg@phoenixlabs.com

P.O. #

Page 1 of 1

Data Delivery:
Fax #:
✓ Email: Kbrussee@brusseecorp.com
✓ Phone: (631) 338-1749

Report to: Rob Bennett
Customer: Brussee
Address: 14 Evans Ln
Miller Pl NY

Project Name: 224 3rd Ave
Invoice to: BEC
Attn: Kevin Brussee
Sampled by: RB

Data Format: Excel (circled)
Requested Deliverable:
Quote Number:

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure ("Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start ("Hg)	Canister Pressure at End ("Hg)	Matrix		Analyses
116695	SV3	13651	6L	-30	0	3059	44	1000	1200	4/25/22	-30	-2	X	G	X
116696	SV2	484	6L	-30	-1	7045	45	0900	1100	4/25/22	-30	-4	X	G	X
116697	SV1	3602	6L	-30	-1	7027	44	0930	1130	4/25/22	-30	-3	X	G	X

Relinquished by	Accepted by	Date	Time
[signature]	[signature]	4/26/22	1301
[signature]	[signature]	4/26	1625

Signature: [signature] Date: 4/25/22

State Where Samples Collected: NY

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:
5-day TAT

Turnaround Time: 1 Day ☐ 2 Day ☐ 3 Day ☐ 4 Day ☐ 5 Day ☒

Requested Criteria: TAC RC, TAC RES, SVVC RC, SVVC RES, CWV RC, CWV RES

Please Circle: MA: Indoor Air Residential, Ind/Commercial, Soil Gas, Residential, Ind/Commercial

NJ: Indoor Air Residential, Ind/Commercial, Soil Gas Residential, Ind/Commercial

NY (circled)

PA: Indoor Air Residential, Non-residential

VT: Indoor Air Residential, Ind/Comm, Subslab Residential, Industrial

PHOENIX
Environmental Laboratories, Inc.

Tuesday, May 03, 2022

Attn: Mr Kevin Brussee
Brussee Environmental Corp
14 Evans Lane
Miller Place, NY 11764

Project ID: 224 3RD AVE
SDG ID: GCL16701
Sample ID#s: CL16701 - CL16707

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.

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.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

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

NY # 11301

SDG Comments

May 03, 2022

SDG I.D.: GCL16701

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

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NY # 11301

Sample Id Cross Reference

May 03, 2022

SDG I.D.: GCL16701

Project ID: 224 3RD AVE

Client Id	Lab Id	Matrix
SB1 (0-2)	CL16701	SOIL
SB2 (3-5)	CL16702	SOIL
SB4 (1-3)	CL16703	SOIL
SB5 (1-3)	CL16704	SOIL
SB6 (0-2)	CL16705	SOIL
SB7 (3-5)	CL16706	SOIL
SB8 (2-4)	CL16707	SOIL

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 03, 2022

FOR: Attn: Mr Kevin Brussee
Brussee Environmental Corp
14 Evans Lane
Miller Place, NY 11764

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/25/22	8:45
Location Code:	BRUSSEE	Received by:	CP	04/26/22	16:25
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL16701
Phoenix ID: CL16701

Project ID: 224 3RD AVE
Client ID: SB1 (0-2)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.41	0.41		mg/Kg	1	04/28/22	CPP	SW6010D	
Arsenic	25.8	0.83		mg/Kg	1	04/28/22	CPP	SW6010D	
Barium	248	0.8		mg/Kg	1	04/28/22	CPP	SW6010D	
Cadmium	1.79	0.41		mg/Kg	1	04/28/22	CPP	SW6010D	
Chromium	27.5	0.41		mg/Kg	1	04/28/22	CPP	SW6010D	
Mercury	5.15	0.29		mg/Kg	20	04/27/22	MGH	SW7471B	
Lead	1080	83		mg/Kg	100	04/29/22	EK	SW6010D	
Selenium	< 1.7	1.7		mg/Kg	1	04/28/22	CPP	SW6010D	
Percent Solid	84			%		04/26/22	K	SW846-%Solid	
Field Extraction	Completed					04/25/22		SW5035A	1
Mercury Digestion	Completed					04/27/22	AB/AB	SW7471B	
Soil Extraction for SVOA	Completed					04/26/22	C/U	SW3546	
Total Metals Digest	Completed					04/26/22	M/AG	SW3050B	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	15	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1,1-Trichloroethane	ND	15	1.5	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	15	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1,2-Trichloroethane	ND	15	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1-Dichloroethane	ND	15	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1-Dichloroethene	ND	15	1.5	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1-Dichloropropene	ND	15	1.5	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	15	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2,3-Trichloropropane	ND	15	1.5	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	15	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	15	1.5	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	15	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	

Project ID: 224 3RD AVE
Client ID: SB1 (0-2)

Phoenix I.D.: CL16701

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,2-Dibromoethane	ND	15	1.5	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2-Dichlorobenzene	ND	15	1.5	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2-Dichloroethane	ND	15	1.5	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2-Dichloropropane	ND	15	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	15	1.5	ug/Kg	1	04/27/22	JLI	SW8260C	
1,3-Dichlorobenzene	ND	15	1.5	ug/Kg	1	04/27/22	JLI	SW8260C	
1,3-Dichloropropane	ND	15	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
1,4-Dichlorobenzene	ND	15	1.5	ug/Kg	1	04/27/22	JLI	SW8260C	
2,2-Dichloropropane	ND	15	1.5	ug/Kg	1	04/27/22	JLI	SW8260C	
2-Chlorotoluene	ND	15	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
2-Hexanone	ND	73	15	ug/Kg	1	04/27/22	JLI	SW8260C	
2-Isopropyltoluene	ND	15	1.5	ug/Kg	1	04/27/22	JLI	SW8260C	1
4-Chlorotoluene	ND	15	1.5	ug/Kg	1	04/27/22	JLI	SW8260C	
4-Methyl-2-pentanone	ND	73	15	ug/Kg	1	04/27/22	JLI	SW8260C	
Acetone	ND	50	15	ug/Kg	1	04/27/22	JLI	SW8260C	
Acrylonitrile	ND	29	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Benzene	ND	15	1.5	ug/Kg	1	04/27/22	JLI	SW8260C	
Bromobenzene	ND	15	1.5	ug/Kg	1	04/27/22	JLI	SW8260C	
Bromochloromethane	ND	15	1.5	ug/Kg	1	04/27/22	JLI	SW8260C	
Bromodichloromethane	ND	15	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Bromoform	ND	15	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Bromomethane	ND	15	5.8	ug/Kg	1	04/27/22	JLI	SW8260C	
Carbon Disulfide	ND	15	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Carbon tetrachloride	ND	15	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Chlorobenzene	ND	15	1.5	ug/Kg	1	04/27/22	JLI	SW8260C	
Chloroethane	ND	15	1.5	ug/Kg	1	04/27/22	JLI	SW8260C	
Chloroform	ND	15	1.5	ug/Kg	1	04/27/22	JLI	SW8260C	
Chloromethane	ND	15	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	15	1.5	ug/Kg	1	04/27/22	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	15	1.5	ug/Kg	1	04/27/22	JLI	SW8260C	
Dibromochloromethane	ND	15	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Dibromomethane	ND	15	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Dichlorodifluoromethane	ND	15	1.5	ug/Kg	1	04/27/22	JLI	SW8260C	
Ethylbenzene	ND	15	1.5	ug/Kg	1	04/27/22	JLI	SW8260C	
Hexachlorobutadiene	ND	15	1.5	ug/Kg	1	04/27/22	JLI	SW8260C	
Isopropylbenzene	ND	15	1.5	ug/Kg	1	04/27/22	JLI	SW8260C	
m&p-Xylene	ND	15	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Methyl Ethyl Ketone	ND	87	15	ug/Kg	1	04/27/22	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	29	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Methylene chloride	ND	15	15	ug/Kg	1	04/27/22	JLI	SW8260C	
Naphthalene	ND	15	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
n-Butylbenzene	ND	15	1.5	ug/Kg	1	04/27/22	JLI	SW8260C	
n-Propylbenzene	ND	15	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
o-Xylene	ND	15	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
p-Isopropyltoluene	ND	15	1.5	ug/Kg	1	04/27/22	JLI	SW8260C	
sec-Butylbenzene	ND	15	1.5	ug/Kg	1	04/27/22	JLI	SW8260C	
Styrene	ND	15	1.5	ug/Kg	1	04/27/22	JLI	SW8260C	
tert-Butylbenzene	ND	15	1.5	ug/Kg	1	04/27/22	JLI	SW8260C	
Tetrachloroethene	ND	15	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	

Project ID: 224 3RD AVE
Client ID: SB1 (0-2)

Phoenix I.D.: CL16701

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Tetrahydrofuran (THF)	ND	29	7.3	ug/Kg	1	04/27/22	JLI	SW8260C	
Toluene	ND	15	1.5	ug/Kg	1	04/27/22	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	15	1.5	ug/Kg	1	04/27/22	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	15	1.5	ug/Kg	1	04/27/22	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	29	7.3	ug/Kg	1	04/27/22	JLI	SW8260C	
Trichloroethene	ND	15	1.5	ug/Kg	1	04/27/22	JLI	SW8260C	
Trichlorofluoromethane	ND	15	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Trichlorotrifluoroethane	ND	15	1.5	ug/Kg	1	04/27/22	JLI	SW8260C	
Vinyl chloride	ND	15	1.5	ug/Kg	1	04/27/22	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	96			%	1	04/27/22	JLI	70 - 130 %	
% Bromofluorobenzene	97			%	1	04/27/22	JLI	70 - 130 %	
% Dibromofluoromethane	98			%	1	04/27/22	JLI	70 - 130 %	
% Toluene-d8	93			%	1	04/27/22	JLI	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	120		ug/kg	1	04/27/22	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	96			%	1	04/27/22	JLI	70 - 130 %	
% Bromofluorobenzene	97			%	1	04/27/22	JLI	70 - 130 %	
% Dibromofluoromethane	98			%	1	04/27/22	JLI	70 - 130 %	
% Toluene-d8	93			%	1	04/27/22	JLI	70 - 130 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	58		ug/Kg	1	04/27/22	JLI	SW8260C	
Acrolein	ND	15		ug/Kg	1	04/27/22	JLI	SW8260C	
Acrylonitrile	ND	58		ug/Kg	1	04/27/22	JLI	SW8260C	
Tert-butyl alcohol	ND	290		ug/Kg	1	04/27/22	JLI	SW8260C	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	270	140	ug/Kg	1	04/27/22	WB	SW8270D	
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	1	04/27/22	WB	SW8270D	
1,2-Dichlorobenzene	ND	270	110	ug/Kg	1	04/27/22	WB	SW8270D	
1,2-Diphenylhydrazine	ND	270	130	ug/Kg	1	04/27/22	WB	SW8270D	
1,3-Dichlorobenzene	ND	270	110	ug/Kg	1	04/27/22	WB	SW8270D	
1,4-Dichlorobenzene	ND	270	110	ug/Kg	1	04/27/22	WB	SW8270D	
2,2'-Oxybis(1-Chloropropane)	ND	270	110	ug/Kg	1	04/27/22	WB	SW8270D	1
2,4,5-Trichlorophenol	ND	270	210	ug/Kg	1	04/27/22	WB	SW8270D	
2,4,6-Trichlorophenol	ND	190	120	ug/Kg	1	04/27/22	WB	SW8270D	
2,4-Dichlorophenol	ND	190	140	ug/Kg	1	04/27/22	WB	SW8270D	
2,4-Dimethylphenol	1400	270	96	ug/Kg	1	04/27/22	WB	SW8270D	
2,4-Dinitrophenol	ND	270	270	ug/Kg	1	04/27/22	WB	SW8270D	
2,4-Dinitrotoluene	ND	190	150	ug/Kg	1	04/27/22	WB	SW8270D	
2,6-Dinitrotoluene	ND	190	120	ug/Kg	1	04/27/22	WB	SW8270D	
2-Chloronaphthalene	ND	270	110	ug/Kg	1	04/27/22	WB	SW8270D	
2-Chlorophenol	ND	270	110	ug/Kg	1	04/27/22	WB	SW8270D	
2-Methylnaphthalene	20000	2700	1200	ug/Kg	10	04/28/22	WB	SW8270D	
2-Methylphenol (o-cresol)	1100	270	180	ug/Kg	1	04/27/22	WB	SW8270D	
2-Nitroaniline	ND	270	270	ug/Kg	1	04/27/22	WB	SW8270D	
2-Nitrophenol	ND	270	250	ug/Kg	1	04/27/22	WB	SW8270D	

Project ID: 224 3RD AVE
Client ID: SB1 (0-2)

Phoenix I.D.: CL16701

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
3&4-Methylphenol (m&p-cresol)	2900	270	150	ug/Kg	1	04/27/22	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	190	180	ug/Kg	1	04/27/22	WB	SW8270D	
3-Nitroaniline	ND	390	780	ug/Kg	1	04/27/22	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	230	78	ug/Kg	1	04/27/22	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	270	110	ug/Kg	1	04/27/22	WB	SW8270D	
4-Chloro-3-methylphenol	ND	270	140	ug/Kg	1	04/27/22	WB	SW8270D	
4-Chloroaniline	ND	310	180	ug/Kg	1	04/27/22	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	04/27/22	WB	SW8270D	
4-Nitroaniline	ND	390	130	ug/Kg	1	04/27/22	WB	SW8270D	
4-Nitrophenol	ND	390	180	ug/Kg	1	04/27/22	WB	SW8270D	
Acenaphthene	41000	2700	1200	ug/Kg	10	04/28/22	WB	SW8270D	
Acenaphthylene	4700	270	110	ug/Kg	1	04/27/22	WB	SW8270D	
Acetophenone	ND	270	120	ug/Kg	1	04/27/22	WB	SW8270D	
Aniline	ND	310	310	ug/Kg	1	04/27/22	WB	SW8270D	
Anthracene	76000	27000	13000	ug/Kg	100	04/28/22	WB	SW8270D	
Benz(a)anthracene	100000	27000	13000	ug/Kg	100	04/28/22	WB	SW8270D	
Benzidine	ND	390	230	ug/Kg	1	04/27/22	WB	SW8270D	
Benzo(a)pyrene	88000	19000	13000	ug/Kg	100	04/28/22	WB	SW8270D	
Benzo(b)fluoranthene	79000	27000	13000	ug/Kg	100	04/28/22	WB	SW8270D	
Benzo(ghi)perylene	51000	2700	1300	ug/Kg	10	04/28/22	WB	SW8270D	
Benzo(k)fluoranthene	53000	2700	1300	ug/Kg	10	04/28/22	WB	SW8270D	
Benzoic acid	ND	1900	780	ug/Kg	1	04/27/22	WB	SW8270D	
Benzyl butyl phthalate	ND	270	100	ug/Kg	1	04/27/22	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	1	04/27/22	WB	SW8270D	
Bis(2-chloroethyl)ether	ND	190	100	ug/Kg	1	04/27/22	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	270	110	ug/Kg	1	04/27/22	WB	SW8270D	
Carbazole	32000	1900	1600	ug/Kg	10	04/28/22	WB	SW8270D	
Chrysene	110000	27000	13000	ug/Kg	100	04/28/22	WB	SW8270D	
Dibenz(a,h)anthracene	11000	1900	1300	ug/Kg	10	04/28/22	WB	SW8270D	
Dibenzofuran	36000	2700	1100	ug/Kg	10	04/28/22	WB	SW8270D	
Diethyl phthalate	ND	270	120	ug/Kg	1	04/27/22	WB	SW8270D	
Dimethylphthalate	ND	270	120	ug/Kg	1	04/27/22	WB	SW8270D	
Di-n-butylphthalate	ND	270	100	ug/Kg	1	04/27/22	WB	SW8270D	
Di-n-octylphthalate	ND	270	100	ug/Kg	1	04/27/22	WB	SW8270D	
Fluoranthene	310000	27000	13000	ug/Kg	100	04/28/22	WB	SW8270D	
Fluorene	37000	2700	1300	ug/Kg	10	04/28/22	WB	SW8270D	
Hexachlorobenzene	ND	190	110	ug/Kg	1	04/27/22	WB	SW8270D	
Hexachlorobutadiene	ND	270	140	ug/Kg	1	04/27/22	WB	SW8270D	
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	04/27/22	WB	SW8270D	
Hexachloroethane	ND	190	120	ug/Kg	1	04/27/22	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	60000	2700	1300	ug/Kg	10	04/28/22	WB	SW8270D	
Isophorone	ND	190	110	ug/Kg	1	04/27/22	WB	SW8270D	
Naphthalene	65000	2700	1100	ug/Kg	10	04/28/22	WB	SW8270D	
Nitrobenzene	ND	190	140	ug/Kg	1	04/27/22	WB	SW8270D	
N-Nitrosodimethylamine	ND	270	110	ug/Kg	1	04/27/22	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	190	130	ug/Kg	1	04/27/22	WB	SW8270D	
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	1	04/27/22	WB	SW8270D	
Pentachloronitrobenzene	ND	270	140	ug/Kg	1	04/27/22	WB	SW8270D	
Pentachlorophenol	ND	230	150	ug/Kg	1	04/27/22	WB	SW8270D	

Project ID: 224 3RD AVE
Client ID: SB1 (0-2)

Phoenix I.D.: CL16701

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Phenanthrene	410000	27000	11000	ug/Kg	100	04/28/22	WB	SW8270D
Phenol	1500	270	120	ug/Kg	1	04/27/22	WB	SW8270D
Pyrene	260000	27000	13000	ug/Kg	100	04/28/22	WB	SW8270D
Pyridine	ND	270	96	ug/Kg	1	04/27/22	WB	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	54			%	1	04/27/22	WB	30 - 130 %
% 2-Fluorobiphenyl	70			%	1	04/27/22	WB	30 - 130 %
% 2-Fluorophenol	41			%	1	04/27/22	WB	30 - 130 %
% Nitrobenzene-d5	68			%	1	04/27/22	WB	30 - 130 %
% Phenol-d5	53			%	1	04/27/22	WB	30 - 130 %
% Terphenyl-d14	43			%	1	04/27/22	WB	30 - 130 %
% 2,4,6-Tribromophenol (10x)	Diluted Out			%	10	04/28/22	WB	30 - 130 %
% 2-Fluorobiphenyl (10x)	Diluted Out			%	10	04/28/22	WB	30 - 130 %
% 2-Fluorophenol (10x)	Diluted Out			%	10	04/28/22	WB	30 - 130 %
% Nitrobenzene-d5 (10x)	Diluted Out			%	10	04/28/22	WB	30 - 130 %
% Phenol-d5 (10x)	Diluted Out			%	10	04/28/22	WB	30 - 130 %
% Terphenyl-d14 (10x)	Diluted Out			%	10	04/28/22	WB	30 - 130 %
% 2,4,6-Tribromophenol (100x)	Diluted Out			%	100	04/28/22	WB	30 - 130 %
% 2-Fluorobiphenyl (100x)	Diluted Out			%	100	04/28/22	WB	30 - 130 %
% 2-Fluorophenol (100x)	Diluted Out			%	100	04/28/22	WB	30 - 130 %
% Nitrobenzene-d5 (100x)	Diluted Out			%	100	04/28/22	WB	30 - 130 %
% Phenol-d5 (100x)	Diluted Out			%	100	04/28/22	WB	30 - 130 %
% Terphenyl-d14 (100x)	Diluted Out			%	100	04/28/22	WB	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 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
May 03, 2022
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 03, 2022

FOR: Attn: Mr Kevin Brussee
Brussee Environmental Corp
14 Evans Lane
Miller Place, NY 11764

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/25/22	9:15
Location Code:	BRUSSEE	Received by:	CP	04/26/22	16:25
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL16701
Phoenix ID: CL16702

Project ID: 224 3RD AVE
Client ID: SB2 (3-5)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.38	0.38		mg/Kg	1	04/28/22	CPP	SW6010D	
Arsenic	3.66	0.75		mg/Kg	1	04/28/22	CPP	SW6010D	
Barium	68.1	0.8		mg/Kg	1	04/28/22	CPP	SW6010D	
Cadmium	0.66	0.38		mg/Kg	1	04/28/22	CPP	SW6010D	
Chromium	13.2	0.38		mg/Kg	1	04/28/22	CPP	SW6010D	
Mercury	1.86	0.13		mg/Kg	10	04/27/22	MGH	SW7471B	
Lead	339	0.8		mg/Kg	1	04/28/22	CPP	SW6010D	
Selenium	< 1.5	1.5		mg/Kg	1	04/28/22	CPP	SW6010D	
Percent Solid	90			%		04/26/22	K	SW846-%Solid	
Field Extraction	Completed					04/25/22		SW5035A	1
Mercury Digestion	Completed					04/27/22	AB/AB	SW7471B	
Soil Extraction for SVOA	Completed					04/26/22	C/L	SW3546	
Total Metals Digest	Completed					04/26/22	M/AG	SW3050B	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	14	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1,1-Trichloroethane	ND	14	1.4	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	14	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1,2-Trichloroethane	ND	14	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1-Dichloroethane	ND	14	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1-Dichloroethene	ND	14	1.4	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1-Dichloropropene	ND	14	1.4	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	14	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2,3-Trichloropropane	ND	14	1.4	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	14	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	14	1.4	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	14	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	

Project ID: 224 3RD AVE
Client ID: SB2 (3-5)

Phoenix I.D.: CL16702

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,2-Dibromoethane	ND		14	1.4	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2-Dichlorobenzene	ND		14	1.4	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2-Dichloroethane	ND		14	1.4	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2-Dichloropropane	ND		14	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		14	1.4	ug/Kg	1	04/27/22	JLI	SW8260C	
1,3-Dichlorobenzene	ND		14	1.4	ug/Kg	1	04/27/22	JLI	SW8260C	
1,3-Dichloropropane	ND		14	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
1,4-Dichlorobenzene	ND		14	1.4	ug/Kg	1	04/27/22	JLI	SW8260C	
2,2-Dichloropropane	ND		14	1.4	ug/Kg	1	04/27/22	JLI	SW8260C	
2-Chlorotoluene	ND		14	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
2-Hexanone	ND		72	14	ug/Kg	1	04/27/22	JLI	SW8260C	
2-Isopropyltoluene	ND		14	1.4	ug/Kg	1	04/27/22	JLI	SW8260C	1
4-Chlorotoluene	ND		14	1.4	ug/Kg	1	04/27/22	JLI	SW8260C	
4-Methyl-2-pentanone	ND		72	14	ug/Kg	1	04/27/22	JLI	SW8260C	
Acetone	21	JS	50	14	ug/Kg	1	04/27/22	JLI	SW8260C	
Acrylonitrile	ND		29	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Benzene	ND		14	1.4	ug/Kg	1	04/27/22	JLI	SW8260C	
Bromobenzene	ND		14	1.4	ug/Kg	1	04/27/22	JLI	SW8260C	
Bromochloromethane	ND		14	1.4	ug/Kg	1	04/27/22	JLI	SW8260C	
Bromodichloromethane	ND		14	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Bromoform	ND		14	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Bromomethane	ND		14	5.7	ug/Kg	1	04/27/22	JLI	SW8260C	
Carbon Disulfide	ND		14	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Carbon tetrachloride	ND		14	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Chlorobenzene	ND		14	1.4	ug/Kg	1	04/27/22	JLI	SW8260C	
Chloroethane	ND		14	1.4	ug/Kg	1	04/27/22	JLI	SW8260C	
Chloroform	ND		14	1.4	ug/Kg	1	04/27/22	JLI	SW8260C	
Chloromethane	ND		14	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		14	1.4	ug/Kg	1	04/27/22	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		14	1.4	ug/Kg	1	04/27/22	JLI	SW8260C	
Dibromochloromethane	ND		14	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Dibromomethane	ND		14	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Dichlorodifluoromethane	ND		14	1.4	ug/Kg	1	04/27/22	JLI	SW8260C	
Ethylbenzene	ND		14	1.4	ug/Kg	1	04/27/22	JLI	SW8260C	
Hexachlorobutadiene	ND		14	1.4	ug/Kg	1	04/27/22	JLI	SW8260C	
Isopropylbenzene	ND		14	1.4	ug/Kg	1	04/27/22	JLI	SW8260C	
m&p-Xylene	ND		14	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Methyl Ethyl Ketone	ND		86	14	ug/Kg	1	04/27/22	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		29	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Methylene chloride	ND		14	14	ug/Kg	1	04/27/22	JLI	SW8260C	
Naphthalene	670		660	170	ug/Kg	50	04/27/22	JLI	SW8260C	
n-Butylbenzene	ND		14	1.4	ug/Kg	1	04/27/22	JLI	SW8260C	
n-Propylbenzene	ND		14	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
o-Xylene	ND		14	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
p-Isopropyltoluene	ND		14	1.4	ug/Kg	1	04/27/22	JLI	SW8260C	
sec-Butylbenzene	ND		14	1.4	ug/Kg	1	04/27/22	JLI	SW8260C	
Styrene	ND		14	1.4	ug/Kg	1	04/27/22	JLI	SW8260C	
tert-Butylbenzene	ND		14	1.4	ug/Kg	1	04/27/22	JLI	SW8260C	
Tetrachloroethene	1700		840	170	ug/Kg	50	04/27/22	JLI	SW8260C	

Project ID: 224 3RD AVE
Client ID: SB2 (3-5)

Phoenix I.D.: CL16702

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Tetrahydrofuran (THF)	ND	29	7.2	ug/Kg	1	04/27/22	JLI	SW8260C	
Toluene	ND	14	1.4	ug/Kg	1	04/27/22	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	14	1.4	ug/Kg	1	04/27/22	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	14	1.4	ug/Kg	1	04/27/22	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	29	7.2	ug/Kg	1	04/27/22	JLI	SW8260C	
Trichloroethene	ND	14	1.4	ug/Kg	1	04/27/22	JLI	SW8260C	
Trichlorofluoromethane	ND	14	2.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Trichlorotrifluoroethane	ND	14	1.4	ug/Kg	1	04/27/22	JLI	SW8260C	
Vinyl chloride	ND	14	1.4	ug/Kg	1	04/27/22	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	97			%	1	04/27/22	JLI	70 - 130 %	
% Bromofluorobenzene	96			%	1	04/27/22	JLI	70 - 130 %	
% Dibromofluoromethane	99			%	1	04/27/22	JLI	70 - 130 %	
% Toluene-d8	94			%	1	04/27/22	JLI	70 - 130 %	
% 1,2-dichlorobenzene-d4 (50x)	97			%	50	04/27/22	JLI	70 - 130 %	
% Bromofluorobenzene (50x)	98			%	50	04/27/22	JLI	70 - 130 %	
% Dibromofluoromethane (50x)	99			%	50	04/27/22	JLI	70 - 130 %	
% Toluene-d8 (50x)	95			%	50	04/27/22	JLI	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	110		ug/kg	1	04/27/22	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	97			%	1	04/27/22	JLI	70 - 130 %	
% Bromofluorobenzene	96			%	1	04/27/22	JLI	70 - 130 %	
% Dibromofluoromethane	99			%	1	04/27/22	JLI	70 - 130 %	
% Toluene-d8	94			%	1	04/27/22	JLI	70 - 130 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	57		ug/Kg	1	04/27/22	JLI	SW8260C	
Acrolein	ND	14		ug/Kg	1	04/27/22	JLI	SW8260C	
Acrylonitrile	ND	57		ug/Kg	1	04/27/22	JLI	SW8260C	
Tert-butyl alcohol	ND	290		ug/Kg	1	04/27/22	JLI	SW8260C	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	1	04/27/22	WB	SW8270D	
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	04/27/22	WB	SW8270D	
1,2-Dichlorobenzene	ND	250	100	ug/Kg	1	04/27/22	WB	SW8270D	
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	1	04/27/22	WB	SW8270D	
1,3-Dichlorobenzene	ND	250	110	ug/Kg	1	04/27/22	WB	SW8270D	
1,4-Dichlorobenzene	ND	250	110	ug/Kg	1	04/27/22	WB	SW8270D	
2,2'-Oxybis(1-Chloropropane)	ND	250	100	ug/Kg	1	04/27/22	WB	SW8270D	1
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	1	04/27/22	WB	SW8270D	
2,4,6-Trichlorophenol	ND	180	120	ug/Kg	1	04/27/22	WB	SW8270D	
2,4-Dichlorophenol	ND	180	130	ug/Kg	1	04/27/22	WB	SW8270D	
2,4-Dimethylphenol	ND	250	89	ug/Kg	1	04/27/22	WB	SW8270D	
2,4-Dinitrophenol	ND	250	250	ug/Kg	1	04/27/22	WB	SW8270D	
2,4-Dinitrotoluene	ND	180	140	ug/Kg	1	04/27/22	WB	SW8270D	
2,6-Dinitrotoluene	ND	180	110	ug/Kg	1	04/27/22	WB	SW8270D	
2-Chloronaphthalene	ND	250	100	ug/Kg	1	04/27/22	WB	SW8270D	
2-Chlorophenol	ND	250	100	ug/Kg	1	04/27/22	WB	SW8270D	

Project ID: 224 3RD AVE
Client ID: SB2 (3-5)

Phoenix I.D.: CL16702

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Methylnaphthalene	ND		250	110	ug/Kg	1	04/27/22	WB	SW8270D	
2-Methylphenol (o-cresol)	ND		250	170	ug/Kg	1	04/27/22	WB	SW8270D	
2-Nitroaniline	ND		250	250	ug/Kg	1	04/27/22	WB	SW8270D	
2-Nitrophenol	ND		250	230	ug/Kg	1	04/27/22	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		250	140	ug/Kg	1	04/27/22	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND		180	170	ug/Kg	1	04/27/22	WB	SW8270D	
3-Nitroaniline	ND		360	720	ug/Kg	1	04/27/22	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND		220	72	ug/Kg	1	04/27/22	WB	SW8270D	
4-Bromophenyl phenyl ether	ND		250	110	ug/Kg	1	04/27/22	WB	SW8270D	
4-Chloro-3-methylphenol	ND		250	130	ug/Kg	1	04/27/22	WB	SW8270D	
4-Chloroaniline	ND		290	170	ug/Kg	1	04/27/22	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND		250	120	ug/Kg	1	04/27/22	WB	SW8270D	
4-Nitroaniline	ND		360	120	ug/Kg	1	04/27/22	WB	SW8270D	
4-Nitrophenol	ND		360	160	ug/Kg	1	04/27/22	WB	SW8270D	
Acenaphthene	ND		250	110	ug/Kg	1	04/27/22	WB	SW8270D	
Acenaphthylene	ND		250	100	ug/Kg	1	04/27/22	WB	SW8270D	
Acetophenone	ND		250	110	ug/Kg	1	04/27/22	WB	SW8270D	
Aniline	ND		290	290	ug/Kg	1	04/27/22	WB	SW8270D	
Anthracene	ND		250	120	ug/Kg	1	04/27/22	WB	SW8270D	
Benz(a)anthracene	300		250	120	ug/Kg	1	04/27/22	WB	SW8270D	
Benzidine	ND		360	210	ug/Kg	1	04/27/22	WB	SW8270D	
Benzo(a)pyrene	270		180	120	ug/Kg	1	04/27/22	WB	SW8270D	
Benzo(b)fluoranthene	220	J	250	120	ug/Kg	1	04/27/22	WB	SW8270D	
Benzo(ghi)perylene	150	J	250	120	ug/Kg	1	04/27/22	WB	SW8270D	
Benzo(k)fluoranthene	190	J	250	120	ug/Kg	1	04/27/22	WB	SW8270D	
Benzoic acid	ND		1800	720	ug/Kg	1	04/27/22	WB	SW8270D	
Benzyl butyl phthalate	ND		250	93	ug/Kg	1	04/27/22	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND		250	99	ug/Kg	1	04/27/22	WB	SW8270D	
Bis(2-chloroethyl)ether	ND		180	97	ug/Kg	1	04/27/22	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	ND		250	100	ug/Kg	1	04/27/22	WB	SW8270D	
Carbazole	ND		180	140	ug/Kg	1	04/27/22	WB	SW8270D	
Chrysene	310		250	120	ug/Kg	1	04/27/22	WB	SW8270D	
Dibenz(a,h)anthracene	ND		180	120	ug/Kg	1	04/27/22	WB	SW8270D	
Dibenzofuran	ND		250	110	ug/Kg	1	04/27/22	WB	SW8270D	
Diethyl phthalate	ND		250	110	ug/Kg	1	04/27/22	WB	SW8270D	
Dimethylphthalate	ND		250	110	ug/Kg	1	04/27/22	WB	SW8270D	
Di-n-butylphthalate	ND		250	96	ug/Kg	1	04/27/22	WB	SW8270D	
Di-n-octylphthalate	ND		250	93	ug/Kg	1	04/27/22	WB	SW8270D	
Fluoranthene	680		250	120	ug/Kg	1	04/27/22	WB	SW8270D	
Fluorene	ND		250	120	ug/Kg	1	04/27/22	WB	SW8270D	
Hexachlorobenzene	ND		180	110	ug/Kg	1	04/27/22	WB	SW8270D	
Hexachlorobutadiene	ND		250	130	ug/Kg	1	04/27/22	WB	SW8270D	
Hexachlorocyclopentadiene	ND		250	110	ug/Kg	1	04/27/22	WB	SW8270D	
Hexachloroethane	ND		180	110	ug/Kg	1	04/27/22	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	190	J	250	120	ug/Kg	1	04/27/22	WB	SW8270D	
Isophorone	ND		180	100	ug/Kg	1	04/27/22	WB	SW8270D	
Naphthalene	ND		250	100	ug/Kg	1	04/27/22	WB	SW8270D	
Nitrobenzene	ND		180	130	ug/Kg	1	04/27/22	WB	SW8270D	
N-Nitrosodimethylamine	ND		250	100	ug/Kg	1	04/27/22	WB	SW8270D	

Project ID: 224 3RD AVE
Client ID: SB2 (3-5)

Phoenix I.D.: CL16702

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodi-n-propylamine	ND	180	120	ug/Kg	1	04/27/22	WB	SW8270D
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	04/27/22	WB	SW8270D
Pentachloronitrobenzene	ND	250	130	ug/Kg	1	04/27/22	WB	SW8270D
Pentachlorophenol	ND	220	140	ug/Kg	1	04/27/22	WB	SW8270D
Phenanthrene	390	250	100	ug/Kg	1	04/27/22	WB	SW8270D
Phenol	ND	250	120	ug/Kg	1	04/27/22	WB	SW8270D
Pyrene	630	250	120	ug/Kg	1	04/27/22	WB	SW8270D
Pyridine	ND	250	89	ug/Kg	1	04/27/22	WB	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	62			%	1	04/27/22	WB	30 - 130 %
% 2-Fluorobiphenyl	66			%	1	04/27/22	WB	30 - 130 %
% 2-Fluorophenol	47			%	1	04/27/22	WB	30 - 130 %
% Nitrobenzene-d5	58			%	1	04/27/22	WB	30 - 130 %
% Phenol-d5	55			%	1	04/27/22	WB	30 - 130 %
% Terphenyl-d14	68			%	1	04/27/22	WB	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 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.

S - Laboratory solvent, contamination is possible.

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

Phyllis Shiller, Laboratory Director

May 03, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 03, 2022

FOR: Attn: Mr Kevin Brussee
Brussee Environmental Corp
14 Evans Lane
Miller Place, NY 11764

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/25/22	9:45
Location Code:	BRUSSEE	Received by:	CP	04/26/22	16:25
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL16701
Phoenix ID: CL16703

Project ID: 224 3RD AVE
Client ID: SB4 (1-3)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.37	0.37		mg/Kg	1	04/28/22	CPP	SW6010D	
Arsenic	18.4	0.74		mg/Kg	1	04/28/22	CPP	SW6010D	
Barium	181	0.7		mg/Kg	1	04/28/22	CPP	SW6010D	
Cadmium	2.70	0.37		mg/Kg	1	04/28/22	CPP	SW6010D	
Chromium	19.5	0.37		mg/Kg	1	04/28/22	CPP	SW6010D	
Mercury	2.27	0.15		mg/Kg	10	04/27/22	MGH	SW7471B	
Lead	1220	74		mg/Kg	100	05/02/22	EK	SW6010D	
Selenium	7.1	1.5		mg/Kg	1	04/28/22	EK	SW6010D	
Percent Solid	84			%		04/26/22	K	SW846-%Solid	
Field Extraction	Completed					04/25/22		SW5035A	1
Mercury Digestion	Completed					04/27/22	AB/AB	SW7471B	
Soil Extraction for SVOA	Completed					04/26/22	C/L	SW3546	
Total Metals Digest	Completed					04/26/22	M/AG	SW3050B	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	8.1	1.6	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1,1-Trichloroethane	ND	8.1	0.81	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	8.1	1.6	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1,2-Trichloroethane	ND	8.1	1.6	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1-Dichloroethane	ND	8.1	1.6	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1-Dichloroethene	ND	8.1	0.81	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1-Dichloropropene	ND	8.1	0.81	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	8.1	1.6	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2,3-Trichloropropane	ND	8.1	0.81	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	8.1	1.6	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	8.1	0.81	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	8.1	1.6	ug/Kg	1	04/27/22	JLI	SW8260C	

Project ID: 224 3RD AVE
Client ID: SB4 (1-3)

Phoenix I.D.: CL16703

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,2-Dibromoethane	ND		8.1	0.81	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2-Dichlorobenzene	ND		8.1	0.81	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2-Dichloroethane	ND		8.1	0.81	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2-Dichloropropane	ND		8.1	1.6	ug/Kg	1	04/27/22	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		8.1	0.81	ug/Kg	1	04/27/22	JLI	SW8260C	
1,3-Dichlorobenzene	ND		8.1	0.81	ug/Kg	1	04/27/22	JLI	SW8260C	
1,3-Dichloropropane	ND		8.1	1.6	ug/Kg	1	04/27/22	JLI	SW8260C	
1,4-Dichlorobenzene	ND		8.1	0.81	ug/Kg	1	04/27/22	JLI	SW8260C	
2,2-Dichloropropane	ND		8.1	0.81	ug/Kg	1	04/27/22	JLI	SW8260C	
2-Chlorotoluene	ND		8.1	1.6	ug/Kg	1	04/27/22	JLI	SW8260C	
2-Hexanone	ND		40	8.1	ug/Kg	1	04/27/22	JLI	SW8260C	
2-Isopropyltoluene	ND		8.1	0.81	ug/Kg	1	04/27/22	JLI	SW8260C	1
4-Chlorotoluene	ND		8.1	0.81	ug/Kg	1	04/27/22	JLI	SW8260C	
4-Methyl-2-pentanone	ND		40	8.1	ug/Kg	1	04/27/22	JLI	SW8260C	
Acetone	10	JS	40	8.1	ug/Kg	1	04/27/22	JLI	SW8260C	
Acrylonitrile	ND		16	1.6	ug/Kg	1	04/27/22	JLI	SW8260C	
Benzene	ND		8.1	0.81	ug/Kg	1	04/27/22	JLI	SW8260C	
Bromobenzene	ND		8.1	0.81	ug/Kg	1	04/27/22	JLI	SW8260C	
Bromochloromethane	ND		8.1	0.81	ug/Kg	1	04/27/22	JLI	SW8260C	
Bromodichloromethane	ND		8.1	1.6	ug/Kg	1	04/27/22	JLI	SW8260C	
Bromoform	ND		8.1	1.6	ug/Kg	1	04/27/22	JLI	SW8260C	
Bromomethane	ND		8.1	3.2	ug/Kg	1	04/27/22	JLI	SW8260C	
Carbon Disulfide	ND		8.1	1.6	ug/Kg	1	04/27/22	JLI	SW8260C	
Carbon tetrachloride	ND		8.1	1.6	ug/Kg	1	04/27/22	JLI	SW8260C	
Chlorobenzene	ND		8.1	0.81	ug/Kg	1	04/27/22	JLI	SW8260C	
Chloroethane	ND		8.1	0.81	ug/Kg	1	04/27/22	JLI	SW8260C	
Chloroform	ND		8.1	0.81	ug/Kg	1	04/27/22	JLI	SW8260C	
Chloromethane	ND		8.1	1.6	ug/Kg	1	04/27/22	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		8.1	0.81	ug/Kg	1	04/27/22	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		8.1	0.81	ug/Kg	1	04/27/22	JLI	SW8260C	
Dibromochloromethane	ND		8.1	1.6	ug/Kg	1	04/27/22	JLI	SW8260C	
Dibromomethane	ND		8.1	1.6	ug/Kg	1	04/27/22	JLI	SW8260C	
Dichlorodifluoromethane	ND		8.1	0.81	ug/Kg	1	04/27/22	JLI	SW8260C	
Ethylbenzene	ND		8.1	0.81	ug/Kg	1	04/27/22	JLI	SW8260C	
Hexachlorobutadiene	ND		8.1	0.81	ug/Kg	1	04/27/22	JLI	SW8260C	
Isopropylbenzene	ND		8.1	0.81	ug/Kg	1	04/27/22	JLI	SW8260C	
m&p-Xylene	ND		8.1	1.6	ug/Kg	1	04/27/22	JLI	SW8260C	
Methyl Ethyl Ketone	ND		49	8.1	ug/Kg	1	04/27/22	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		16	1.6	ug/Kg	1	04/27/22	JLI	SW8260C	
Methylene chloride	ND		8.1	8.1	ug/Kg	1	04/27/22	JLI	SW8260C	
Naphthalene	ND		8.1	1.6	ug/Kg	1	04/27/22	JLI	SW8260C	
n-Butylbenzene	ND		8.1	0.81	ug/Kg	1	04/27/22	JLI	SW8260C	
n-Propylbenzene	ND		8.1	1.6	ug/Kg	1	04/27/22	JLI	SW8260C	
o-Xylene	ND		8.1	1.6	ug/Kg	1	04/27/22	JLI	SW8260C	
p-Isopropyltoluene	ND		8.1	0.81	ug/Kg	1	04/27/22	JLI	SW8260C	
sec-Butylbenzene	ND		8.1	0.81	ug/Kg	1	04/27/22	JLI	SW8260C	
Styrene	ND		8.1	0.81	ug/Kg	1	04/27/22	JLI	SW8260C	
tert-Butylbenzene	ND		8.1	0.81	ug/Kg	1	04/27/22	JLI	SW8260C	
Tetrachloroethene	650		610	240	ug/Kg	50	04/27/22	JLI	SW8260C	

Project ID: 224 3RD AVE
Client ID: SB4 (1-3)

Phoenix I.D.: CL16703

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Tetrahydrofuran (THF)	ND	16	4.0	ug/Kg	1	04/27/22	JLI	SW8260C	
Toluene	ND	8.1	0.81	ug/Kg	1	04/27/22	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	8.1	0.81	ug/Kg	1	04/27/22	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	8.1	0.81	ug/Kg	1	04/27/22	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	16	4.0	ug/Kg	1	04/27/22	JLI	SW8260C	
Trichloroethene	ND	8.1	0.81	ug/Kg	1	04/27/22	JLI	SW8260C	
Trichlorofluoromethane	ND	8.1	1.6	ug/Kg	1	04/27/22	JLI	SW8260C	
Trichlorotrifluoroethane	ND	8.1	0.81	ug/Kg	1	04/27/22	JLI	SW8260C	
Vinyl chloride	ND	8.1	0.81	ug/Kg	1	04/27/22	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	96			%	1	04/27/22	JLI	70 - 130 %	
% Bromofluorobenzene	96			%	1	04/27/22	JLI	70 - 130 %	
% Dibromofluoromethane	103			%	1	04/27/22	JLI	70 - 130 %	
% Toluene-d8	94			%	1	04/27/22	JLI	70 - 130 %	
% 1,2-dichlorobenzene-d4 (50x)	97			%	50	04/27/22	JLI	70 - 130 %	
% Bromofluorobenzene (50x)	98			%	50	04/27/22	JLI	70 - 130 %	
% Dibromofluoromethane (50x)	99			%	50	04/27/22	JLI	70 - 130 %	
% Toluene-d8 (50x)	94			%	50	04/27/22	JLI	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	100		ug/kg	1	04/27/22	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	96			%	1	04/27/22	JLI	70 - 130 %	
% Bromofluorobenzene	96			%	1	04/27/22	JLI	70 - 130 %	
% Dibromofluoromethane	103			%	1	04/27/22	JLI	70 - 130 %	
% Toluene-d8	94			%	1	04/27/22	JLI	70 - 130 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	32		ug/Kg	1	04/27/22	JLI	SW8260C	
Acrolein	ND	8.1		ug/Kg	1	04/27/22	JLI	SW8260C	
Acrylonitrile	ND	32		ug/Kg	1	04/27/22	JLI	SW8260C	
Tert-butyl alcohol	ND	160		ug/Kg	1	04/27/22	JLI	SW8260C	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	280	140	ug/Kg	1	04/27/22	WB	SW8270D	
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	1	04/27/22	WB	SW8270D	
1,2-Dichlorobenzene	ND	280	110	ug/Kg	1	04/27/22	WB	SW8270D	
1,2-Diphenylhydrazine	ND	280	130	ug/Kg	1	04/27/22	WB	SW8270D	
1,3-Dichlorobenzene	ND	280	120	ug/Kg	1	04/27/22	WB	SW8270D	
1,4-Dichlorobenzene	ND	280	120	ug/Kg	1	04/27/22	WB	SW8270D	
2,2'-Oxybis(1-Chloropropane)	ND	280	110	ug/Kg	1	04/27/22	WB	SW8270D	1
2,4,5-Trichlorophenol	ND	280	220	ug/Kg	1	04/27/22	WB	SW8270D	
2,4,6-Trichlorophenol	ND	200	130	ug/Kg	1	04/27/22	WB	SW8270D	
2,4-Dichlorophenol	ND	200	140	ug/Kg	1	04/27/22	WB	SW8270D	
2,4-Dimethylphenol	ND	280	98	ug/Kg	1	04/27/22	WB	SW8270D	
2,4-Dinitrophenol	ND	280	280	ug/Kg	1	04/27/22	WB	SW8270D	
2,4-Dinitrotoluene	ND	200	160	ug/Kg	1	04/27/22	WB	SW8270D	
2,6-Dinitrotoluene	ND	200	130	ug/Kg	1	04/27/22	WB	SW8270D	
2-Chloronaphthalene	ND	280	110	ug/Kg	1	04/27/22	WB	SW8270D	
2-Chlorophenol	ND	280	110	ug/Kg	1	04/27/22	WB	SW8270D	

Project ID: 224 3RD AVE
Client ID: SB4 (1-3)

Phoenix I.D.: CL16703

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Methylnaphthalene	ND		280	120	ug/Kg	1	04/27/22	WB	SW8270D	
2-Methylphenol (o-cresol)	ND		280	190	ug/Kg	1	04/27/22	WB	SW8270D	
2-Nitroaniline	ND		280	280	ug/Kg	1	04/27/22	WB	SW8270D	
2-Nitrophenol	ND		280	250	ug/Kg	1	04/27/22	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		280	160	ug/Kg	1	04/27/22	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND		200	190	ug/Kg	1	04/27/22	WB	SW8270D	
3-Nitroaniline	ND		400	790	ug/Kg	1	04/27/22	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND		240	79	ug/Kg	1	04/27/22	WB	SW8270D	
4-Bromophenyl phenyl ether	ND		280	120	ug/Kg	1	04/27/22	WB	SW8270D	
4-Chloro-3-methylphenol	ND		280	140	ug/Kg	1	04/27/22	WB	SW8270D	
4-Chloroaniline	ND		320	180	ug/Kg	1	04/27/22	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND		280	130	ug/Kg	1	04/27/22	WB	SW8270D	
4-Nitroaniline	ND		400	130	ug/Kg	1	04/27/22	WB	SW8270D	
4-Nitrophenol	ND		400	180	ug/Kg	1	04/27/22	WB	SW8270D	
Acenaphthene	350		280	120	ug/Kg	1	04/27/22	WB	SW8270D	
Acenaphthylene	ND		280	110	ug/Kg	1	04/27/22	WB	SW8270D	
Acetophenone	ND		280	120	ug/Kg	1	04/27/22	WB	SW8270D	
Aniline	ND		320	320	ug/Kg	1	04/27/22	WB	SW8270D	
Anthracene	620		280	130	ug/Kg	1	04/27/22	WB	SW8270D	
Benz(a)anthracene	1600		280	130	ug/Kg	1	04/27/22	WB	SW8270D	
Benzidine	ND		400	230	ug/Kg	1	04/27/22	WB	SW8270D	
Benzo(a)pyrene	1600		200	130	ug/Kg	1	04/27/22	WB	SW8270D	
Benzo(b)fluoranthene	1500		280	140	ug/Kg	1	04/27/22	WB	SW8270D	
Benzo(ghi)perylene	980		280	130	ug/Kg	1	04/27/22	WB	SW8270D	
Benzo(k)fluoranthene	1200		280	130	ug/Kg	1	04/27/22	WB	SW8270D	
Benzoic acid	ND		2000	790	ug/Kg	1	04/27/22	WB	SW8270D	
Benzyl butyl phthalate	ND		280	100	ug/Kg	1	04/27/22	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND		280	110	ug/Kg	1	04/27/22	WB	SW8270D	
Bis(2-chloroethyl)ether	ND		200	110	ug/Kg	1	04/27/22	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	ND		280	110	ug/Kg	1	04/27/22	WB	SW8270D	
Carbazole	290		200	160	ug/Kg	1	04/27/22	WB	SW8270D	
Chrysene	1800		280	130	ug/Kg	1	04/27/22	WB	SW8270D	
Dibenz(a,h)anthracene	160	J	200	130	ug/Kg	1	04/27/22	WB	SW8270D	
Dibenzofuran	230	J	280	120	ug/Kg	1	04/27/22	WB	SW8270D	
Diethyl phthalate	ND		280	130	ug/Kg	1	04/27/22	WB	SW8270D	
Dimethylphthalate	ND		280	120	ug/Kg	1	04/27/22	WB	SW8270D	
Di-n-butylphthalate	ND		280	110	ug/Kg	1	04/27/22	WB	SW8270D	
Di-n-octylphthalate	ND		280	100	ug/Kg	1	04/27/22	WB	SW8270D	
Fluoranthene	4200		280	130	ug/Kg	1	04/27/22	WB	SW8270D	
Fluorene	240	J	280	130	ug/Kg	1	04/27/22	WB	SW8270D	
Hexachlorobenzene	ND		200	120	ug/Kg	1	04/27/22	WB	SW8270D	
Hexachlorobutadiene	ND		280	140	ug/Kg	1	04/27/22	WB	SW8270D	
Hexachlorocyclopentadiene	ND		280	120	ug/Kg	1	04/27/22	WB	SW8270D	
Hexachloroethane	ND		200	120	ug/Kg	1	04/27/22	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	1100		280	130	ug/Kg	1	04/27/22	WB	SW8270D	
Isophorone	ND		200	110	ug/Kg	1	04/27/22	WB	SW8270D	
Naphthalene	210	J	280	110	ug/Kg	1	04/27/22	WB	SW8270D	
Nitrobenzene	ND		200	140	ug/Kg	1	04/27/22	WB	SW8270D	
N-Nitrosodimethylamine	ND		280	110	ug/Kg	1	04/27/22	WB	SW8270D	

Project ID: 224 3RD AVE
Client ID: SB4 (1-3)

Phoenix I.D.: CL16703

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodi-n-propylamine	ND	200	130	ug/Kg	1	04/27/22	WB	SW8270D
N-Nitrosodiphenylamine	ND	280	150	ug/Kg	1	04/27/22	WB	SW8270D
Pentachloronitrobenzene	ND	280	150	ug/Kg	1	04/27/22	WB	SW8270D
Pentachlorophenol	ND	240	150	ug/Kg	1	04/27/22	WB	SW8270D
Phenanthrene	3800	280	110	ug/Kg	1	04/27/22	WB	SW8270D
Phenol	ND	280	130	ug/Kg	1	04/27/22	WB	SW8270D
Pyrene	3600	280	140	ug/Kg	1	04/27/22	WB	SW8270D
Pyridine	ND	280	98	ug/Kg	1	04/27/22	WB	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	62			%	1	04/27/22	WB	30 - 130 %
% 2-Fluorobiphenyl	70			%	1	04/27/22	WB	30 - 130 %
% 2-Fluorophenol	53			%	1	04/27/22	WB	30 - 130 %
% Nitrobenzene-d5	60			%	1	04/27/22	WB	30 - 130 %
% Phenol-d5	58			%	1	04/27/22	WB	30 - 130 %
% Terphenyl-d14	67			%	1	04/27/22	WB	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 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.

S - Laboratory solvent, contamination is possible.

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

Phyllis Shiller, Laboratory Director

May 03, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 03, 2022

FOR: Attn: Mr Kevin Brussee
Brussee Environmental Corp
14 Evans Lane
Miller Place, NY 11764

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/25/22	11:45
Location Code:	BRUSSEE	Received by:	CP	04/26/22	16:25
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL16701
Phoenix ID: CL16704

Project ID: 224 3RD AVE
Client ID: SB5 (1-3)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	0.78	0.40		mg/Kg	1	04/28/22	EK	SW6010D	
Arsenic	20.8	0.80		mg/Kg	1	04/28/22	CPP	SW6010D	
Barium	1380	0.8		mg/Kg	1	04/28/22	CPP	SW6010D	
Cadmium	19.0	0.40		mg/Kg	1	04/28/22	CPP	SW6010D	
Chromium	28.9	0.40		mg/Kg	1	04/28/22	CPP	SW6010D	
Mercury	7.12	0.30		mg/Kg	20	04/27/22	MGH	SW7471B	
Lead	4440	80		mg/Kg	100	04/29/22	EK	SW6010D	
Selenium	< 1.6	1.6		mg/Kg	1	04/28/22	CPP	SW6010D	
Percent Solid	79			%		04/26/22	K	SW846-%Solid	
Field Extraction	Completed					04/25/22		SW5035A	1
Mercury Digestion	Completed					04/27/22	AB/AB	SW7471B	
Soil Extraction for SVOA	Completed					04/26/22	C/L	SW3546	
Total Metals Digest	Completed					04/26/22	M/AG	SW3050B	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	9.4	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1,1-Trichloroethane	ND	9.4	0.94	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	9.4	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1,2-Trichloroethane	ND	9.4	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1-Dichloroethane	ND	9.4	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1-Dichloroethene	ND	9.4	0.94	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1-Dichloropropene	ND	9.4	0.94	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	9.4	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2,3-Trichloropropane	ND	9.4	0.94	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	9.4	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	9.4	0.94	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	9.4	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	

Project ID: 224 3RD AVE
Client ID: SB5 (1-3)

Phoenix I.D.: CL16704

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,2-Dibromoethane	ND	9.4	0.94	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2-Dichlorobenzene	ND	9.4	0.94	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2-Dichloroethane	ND	9.4	0.94	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2-Dichloropropane	ND	9.4	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	9.4	0.94	ug/Kg	1	04/27/22	JLI	SW8260C	
1,3-Dichlorobenzene	ND	9.4	0.94	ug/Kg	1	04/27/22	JLI	SW8260C	
1,3-Dichloropropane	ND	9.4	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
1,4-Dichlorobenzene	ND	9.4	0.94	ug/Kg	1	04/27/22	JLI	SW8260C	
2,2-Dichloropropane	ND	9.4	0.94	ug/Kg	1	04/27/22	JLI	SW8260C	
2-Chlorotoluene	ND	9.4	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
2-Hexanone	ND	47	9.4	ug/Kg	1	04/27/22	JLI	SW8260C	
2-Isopropyltoluene	ND	9.4	0.94	ug/Kg	1	04/27/22	JLI	SW8260C	1
4-Chlorotoluene	ND	9.4	0.94	ug/Kg	1	04/27/22	JLI	SW8260C	
4-Methyl-2-pentanone	ND	47	9.4	ug/Kg	1	04/27/22	JLI	SW8260C	
Acetone	ND	47	9.4	ug/Kg	1	04/27/22	JLI	SW8260C	
Acrylonitrile	ND	19	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Benzene	ND	9.4	0.94	ug/Kg	1	04/27/22	JLI	SW8260C	
Bromobenzene	ND	9.4	0.94	ug/Kg	1	04/27/22	JLI	SW8260C	
Bromochloromethane	ND	9.4	0.94	ug/Kg	1	04/27/22	JLI	SW8260C	
Bromodichloromethane	ND	9.4	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Bromoform	ND	9.4	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Bromomethane	ND	9.4	3.8	ug/Kg	1	04/27/22	JLI	SW8260C	
Carbon Disulfide	ND	9.4	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Carbon tetrachloride	ND	9.4	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Chlorobenzene	ND	9.4	0.94	ug/Kg	1	04/27/22	JLI	SW8260C	
Chloroethane	ND	9.4	0.94	ug/Kg	1	04/27/22	JLI	SW8260C	
Chloroform	ND	9.4	0.94	ug/Kg	1	04/27/22	JLI	SW8260C	
Chloromethane	ND	9.4	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	9.4	0.94	ug/Kg	1	04/27/22	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	9.4	0.94	ug/Kg	1	04/27/22	JLI	SW8260C	
Dibromochloromethane	ND	9.4	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Dibromomethane	ND	9.4	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Dichlorodifluoromethane	ND	9.4	0.94	ug/Kg	1	04/27/22	JLI	SW8260C	
Ethylbenzene	ND	9.4	0.94	ug/Kg	1	04/27/22	JLI	SW8260C	
Hexachlorobutadiene	ND	9.4	0.94	ug/Kg	1	04/27/22	JLI	SW8260C	
Isopropylbenzene	ND	9.4	0.94	ug/Kg	1	04/27/22	JLI	SW8260C	
m&p-Xylene	ND	9.4	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Methyl Ethyl Ketone	ND	57	9.4	ug/Kg	1	04/27/22	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	19	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Methylene chloride	ND	9.4	9.4	ug/Kg	1	04/27/22	JLI	SW8260C	
Naphthalene	ND	9.4	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
n-Butylbenzene	ND	9.4	0.94	ug/Kg	1	04/27/22	JLI	SW8260C	
n-Propylbenzene	ND	9.4	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
o-Xylene	ND	9.4	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
p-Isopropyltoluene	ND	9.4	0.94	ug/Kg	1	04/27/22	JLI	SW8260C	
sec-Butylbenzene	ND	9.4	0.94	ug/Kg	1	04/27/22	JLI	SW8260C	
Styrene	ND	9.4	0.94	ug/Kg	1	04/27/22	JLI	SW8260C	
tert-Butylbenzene	ND	9.4	0.94	ug/Kg	1	04/27/22	JLI	SW8260C	
Tetrachloroethene	1000	940	230	ug/Kg	50	04/27/22	JLI	SW8260C	

Project ID: 224 3RD AVE
Client ID: SB5 (1-3)

Phoenix I.D.: CL16704

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Tetrahydrofuran (THF)	ND	19	4.7	ug/Kg	1	04/27/22	JLI	SW8260C	
Toluene	ND	9.4	0.94	ug/Kg	1	04/27/22	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	9.4	0.94	ug/Kg	1	04/27/22	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	9.4	0.94	ug/Kg	1	04/27/22	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	19	4.7	ug/Kg	1	04/27/22	JLI	SW8260C	
Trichloroethene	ND	9.4	0.94	ug/Kg	1	04/27/22	JLI	SW8260C	
Trichlorofluoromethane	ND	9.4	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Trichlorotrifluoroethane	ND	9.4	0.94	ug/Kg	1	04/27/22	JLI	SW8260C	
Vinyl chloride	ND	9.4	0.94	ug/Kg	1	04/27/22	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	96			%	1	04/27/22	JLI	70 - 130 %	
% Bromofluorobenzene	99			%	1	04/27/22	JLI	70 - 130 %	
% Dibromofluoromethane	107			%	1	04/27/22	JLI	70 - 130 %	
% Toluene-d8	95			%	1	04/27/22	JLI	70 - 130 %	
% 1,2-dichlorobenzene-d4 (50x)	96			%	50	04/27/22	JLI	70 - 130 %	
% Bromofluorobenzene (50x)	98			%	50	04/27/22	JLI	70 - 130 %	
% Dibromofluoromethane (50x)	98			%	50	04/27/22	JLI	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	100		ug/kg	1	04/27/22	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	96			%	1	04/27/22	JLI	70 - 130 %	
% Bromofluorobenzene	99			%	1	04/27/22	JLI	70 - 130 %	
% Dibromofluoromethane	107			%	1	04/27/22	JLI	70 - 130 %	
% Toluene-d8	95			%	1	04/27/22	JLI	70 - 130 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	38		ug/Kg	1	04/27/22	JLI	SW8260C	
Acrolein	ND	9.4		ug/Kg	1	04/27/22	JLI	SW8260C	
Acrylonitrile	ND	38		ug/Kg	1	04/27/22	JLI	SW8260C	
Tert-butyl alcohol	ND	190		ug/Kg	1	04/27/22	JLI	SW8260C	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	290	150	ug/Kg	1	04/27/22	WB	SW8270D	
1,2,4-Trichlorobenzene	ND	290	130	ug/Kg	1	04/27/22	WB	SW8270D	
1,2-Dichlorobenzene	ND	290	120	ug/Kg	1	04/27/22	WB	SW8270D	
1,2-Diphenylhydrazine	ND	290	140	ug/Kg	1	04/27/22	WB	SW8270D	
1,3-Dichlorobenzene	ND	290	120	ug/Kg	1	04/27/22	WB	SW8270D	
1,4-Dichlorobenzene	ND	290	120	ug/Kg	1	04/27/22	WB	SW8270D	
2,2'-Oxybis(1-Chloropropane)	ND	290	120	ug/Kg	1	04/27/22	WB	SW8270D	1
2,4,5-Trichlorophenol	ND	290	230	ug/Kg	1	04/27/22	WB	SW8270D	
2,4,6-Trichlorophenol	ND	210	130	ug/Kg	1	04/27/22	WB	SW8270D	
2,4-Dichlorophenol	ND	210	150	ug/Kg	1	04/27/22	WB	SW8270D	
2,4-Dimethylphenol	ND	290	100	ug/Kg	1	04/27/22	WB	SW8270D	
2,4-Dinitrophenol	ND	290	290	ug/Kg	1	04/27/22	WB	SW8270D	
2,4-Dinitrotoluene	ND	210	170	ug/Kg	1	04/27/22	WB	SW8270D	
2,6-Dinitrotoluene	ND	210	130	ug/Kg	1	04/27/22	WB	SW8270D	
2-Chloronaphthalene	ND	290	120	ug/Kg	1	04/27/22	WB	SW8270D	
2-Chlorophenol	ND	290	120	ug/Kg	1	04/27/22	WB	SW8270D	
2-Methylnaphthalene	ND	290	120	ug/Kg	1	04/27/22	WB	SW8270D	

Project ID: 224 3RD AVE
Client ID: SB5 (1-3)

Phoenix I.D.: CL16704

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Methylphenol (o-cresol)	ND		290	200	ug/Kg	1	04/27/22	WB	SW8270D	
2-Nitroaniline	ND		290	290	ug/Kg	1	04/27/22	WB	SW8270D	
2-Nitrophenol	ND		290	270	ug/Kg	1	04/27/22	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		290	170	ug/Kg	1	04/27/22	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND		210	200	ug/Kg	1	04/27/22	WB	SW8270D	
3-Nitroaniline	ND		420	840	ug/Kg	1	04/27/22	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND		250	84	ug/Kg	1	04/27/22	WB	SW8270D	
4-Bromophenyl phenyl ether	ND		290	120	ug/Kg	1	04/27/22	WB	SW8270D	
4-Chloro-3-methylphenol	ND		290	150	ug/Kg	1	04/27/22	WB	SW8270D	
4-Chloroaniline	ND		340	200	ug/Kg	1	04/27/22	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND		290	140	ug/Kg	1	04/27/22	WB	SW8270D	
4-Nitroaniline	ND		420	140	ug/Kg	1	04/27/22	WB	SW8270D	
4-Nitrophenol	ND		420	190	ug/Kg	1	04/27/22	WB	SW8270D	
Acenaphthene	260	J	290	130	ug/Kg	1	04/27/22	WB	SW8270D	
Acenaphthylene	ND		290	120	ug/Kg	1	04/27/22	WB	SW8270D	
Acetophenone	ND		290	130	ug/Kg	1	04/27/22	WB	SW8270D	
Aniline	ND		340	340	ug/Kg	1	04/27/22	WB	SW8270D	
Anthracene	640		290	140	ug/Kg	1	04/27/22	WB	SW8270D	
Benz(a)anthracene	2200		290	140	ug/Kg	1	04/27/22	WB	SW8270D	
Benzidine	ND		420	250	ug/Kg	1	04/27/22	WB	SW8270D	
Benzo(a)pyrene	2300		210	140	ug/Kg	1	04/27/22	WB	SW8270D	
Benzo(b)fluoranthene	1900		290	140	ug/Kg	1	04/27/22	WB	SW8270D	
Benzo(ghi)perylene	1500		290	140	ug/Kg	1	04/27/22	WB	SW8270D	
Benzo(k)fluoranthene	1700		290	140	ug/Kg	1	04/27/22	WB	SW8270D	
Benzoic acid	ND		2100	840	ug/Kg	1	04/27/22	WB	SW8270D	
Benzyl butyl phthalate	ND		290	110	ug/Kg	1	04/27/22	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND		290	120	ug/Kg	1	04/27/22	WB	SW8270D	
Bis(2-chloroethyl)ether	ND		210	110	ug/Kg	1	04/27/22	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	ND		290	120	ug/Kg	1	04/27/22	WB	SW8270D	
Carbazole	260		210	170	ug/Kg	1	04/27/22	WB	SW8270D	
Chrysene	2200		290	140	ug/Kg	1	04/27/22	WB	SW8270D	
Dibenz(a,h)anthracene	230		210	140	ug/Kg	1	04/27/22	WB	SW8270D	
Dibenzofuran	180	J	290	120	ug/Kg	1	04/27/22	WB	SW8270D	
Diethyl phthalate	ND		290	130	ug/Kg	1	04/27/22	WB	SW8270D	
Dimethylphthalate	ND		290	130	ug/Kg	1	04/27/22	WB	SW8270D	
Di-n-butylphthalate	ND		290	110	ug/Kg	1	04/27/22	WB	SW8270D	
Di-n-octylphthalate	ND		290	110	ug/Kg	1	04/27/22	WB	SW8270D	
Fluoranthene	5000		290	140	ug/Kg	1	04/27/22	WB	SW8270D	
Fluorene	180	J	290	140	ug/Kg	1	04/27/22	WB	SW8270D	
Hexachlorobenzene	ND		210	120	ug/Kg	1	04/27/22	WB	SW8270D	
Hexachlorobutadiene	ND		290	150	ug/Kg	1	04/27/22	WB	SW8270D	
Hexachlorocyclopentadiene	ND		290	130	ug/Kg	1	04/27/22	WB	SW8270D	
Hexachloroethane	ND		210	130	ug/Kg	1	04/27/22	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	1600		290	140	ug/Kg	1	04/27/22	WB	SW8270D	
Isophorone	ND		210	120	ug/Kg	1	04/27/22	WB	SW8270D	
Naphthalene	260	J	290	120	ug/Kg	1	04/27/22	WB	SW8270D	
Nitrobenzene	ND		210	150	ug/Kg	1	04/27/22	WB	SW8270D	
N-Nitrosodimethylamine	ND		290	120	ug/Kg	1	04/27/22	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND		210	140	ug/Kg	1	04/27/22	WB	SW8270D	

Ver 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodiphenylamine	ND	290	160	ug/Kg	1	04/27/22	WB	SW8270D
Pentachloronitrobenzene	ND	290	160	ug/Kg	1	04/27/22	WB	SW8270D
Pentachlorophenol	ND	250	160	ug/Kg	1	04/27/22	WB	SW8270D
Phenanthrene	3300	290	120	ug/Kg	1	04/27/22	WB	SW8270D
Phenol	ND	290	130	ug/Kg	1	04/27/22	WB	SW8270D
Pyrene	4700	290	140	ug/Kg	1	04/27/22	WB	SW8270D
Pyridine	ND	290	100	ug/Kg	1	04/27/22	WB	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	68			%	1	04/27/22	WB	30 - 130 %
% 2-Fluorobiphenyl	77			%	1	04/27/22	WB	30 - 130 %
% 2-Fluorophenol	52			%	1	04/27/22	WB	30 - 130 %
% Nitrobenzene-d5	66			%	1	04/27/22	WB	30 - 130 %
% Phenol-d5	61			%	1	04/27/22	WB	30 - 130 %
% Terphenyl-d14	75			%	1	04/27/22	WB	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 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
May 03, 2022
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 03, 2022

FOR: Attn: Mr Kevin Brussee
Brussee Environmental Corp
14 Evans Lane
Miller Place, NY 11764

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/25/22	10:15
Location Code:	BRUSSEE	Received by:	CP	04/26/22	16:25
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL16701
Phoenix ID: CL16705

Project ID: 224 3RD AVE
Client ID: SB6 (0-2)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.35	0.35		mg/Kg	1	04/28/22	CPP	SW6010D	
Arsenic	10.4	0.69		mg/Kg	1	04/28/22	CPP	SW6010D	
Barium	241	0.7		mg/Kg	1	04/28/22	CPP	SW6010D	
Cadmium	1.07	0.35		mg/Kg	1	04/28/22	CPP	SW6010D	
Chromium	18.4	0.35		mg/Kg	1	04/28/22	CPP	SW6010D	
Mercury	2.07	0.15		mg/Kg	10	04/27/22	MGH	SW7471B	
Lead	538	0.7		mg/Kg	1	04/28/22	CPP	SW6010D	
Selenium	< 1.4	1.4		mg/Kg	1	04/28/22	CPP	SW6010D	
Percent Solid	86			%		04/26/22	K	SW846-%Solid	
Field Extraction	Completed					04/25/22		SW5035A	1
Mercury Digestion	Completed					04/27/22	AB/AB	SW7471B	
Soil Extraction for SVOA	Completed					04/26/22	C/L	SW3546	
Total Metals Digest	Completed					04/26/22	M/AG	SW3050B	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1,1-Trichloroethane	ND	9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1,2-Trichloroethane	ND	9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1-Dichloroethane	ND	9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1-Dichloroethene	ND	9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1-Dichloropropene	ND	9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2,3-Trichloropropane	ND	9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	

Project ID: 224 3RD AVE
Client ID: SB6 (0-2)

Phoenix I.D.: CL16705

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,2-Dibromoethane	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2-Dichlorobenzene	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2-Dichloroethane	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2-Dichloropropane	ND		9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
1,3-Dichlorobenzene	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
1,3-Dichloropropane	ND		9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
1,4-Dichlorobenzene	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
2,2-Dichloropropane	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
2-Chlorotoluene	ND		9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
2-Hexanone	ND		47	9.3	ug/Kg	1	04/27/22	JLI	SW8260C	
2-Isopropyltoluene	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	1
4-Chlorotoluene	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
4-Methyl-2-pentanone	ND		47	9.3	ug/Kg	1	04/27/22	JLI	SW8260C	
Acetone	11	JS	47	9.3	ug/Kg	1	04/27/22	JLI	SW8260C	
Acrylonitrile	ND		19	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Benzene	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
Bromobenzene	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
Bromochloromethane	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
Bromodichloromethane	ND		9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Bromoform	ND		9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Bromomethane	ND		9.3	3.7	ug/Kg	1	04/27/22	JLI	SW8260C	
Carbon Disulfide	ND		9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Carbon tetrachloride	ND		9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Chlorobenzene	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
Chloroethane	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
Chloroform	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
Chloromethane	ND		9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
Dibromochloromethane	ND		9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Dibromomethane	ND		9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Dichlorodifluoromethane	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
Ethylbenzene	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
Hexachlorobutadiene	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
Isopropylbenzene	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
m&p-Xylene	ND		9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Methyl Ethyl Ketone	ND		56	9.3	ug/Kg	1	04/27/22	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		19	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Methylene chloride	ND		9.3	9.3	ug/Kg	1	04/27/22	JLI	SW8260C	
Naphthalene	ND		9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
n-Butylbenzene	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
n-Propylbenzene	ND		9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
o-Xylene	ND		9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
p-Isopropyltoluene	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
sec-Butylbenzene	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
Styrene	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
tert-Butylbenzene	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
Tetrachloroethene	18000		1400	280	ug/Kg	50	04/27/22	JLI	SW8260C	

Project ID: 224 3RD AVE
Client ID: SB6 (0-2)

Phoenix I.D.: CL16705

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Tetrahydrofuran (THF)	ND	19	4.7	ug/Kg	1	04/27/22	JLI	SW8260C	
Toluene	ND	9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	19	4.7	ug/Kg	1	04/27/22	JLI	SW8260C	
Trichloroethene	ND	9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
Trichlorofluoromethane	ND	9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Trichlorotrifluoroethane	ND	9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
Vinyl chloride	ND	9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	97			%	1	04/27/22	JLI	70 - 130 %	
% Bromofluorobenzene	97			%	1	04/27/22	JLI	70 - 130 %	
% Dibromofluoromethane	102			%	1	04/27/22	JLI	70 - 130 %	
% Toluene-d8	93			%	1	04/27/22	JLI	70 - 130 %	
% 1,2-dichlorobenzene-d4 (50x)	97			%	50	04/27/22	JLI	70 - 130 %	
% Bromofluorobenzene (50x)	99			%	50	04/27/22	JLI	70 - 130 %	
% Dibromofluoromethane (50x)	100			%	50	04/27/22	JLI	70 - 130 %	
% Toluene-d8 (50x)	94			%	50	04/27/22	JLI	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	100		ug/kg	1	04/27/22	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	97			%	1	04/27/22	JLI	70 - 130 %	
% Bromofluorobenzene	97			%	1	04/27/22	JLI	70 - 130 %	
% Dibromofluoromethane	102			%	1	04/27/22	JLI	70 - 130 %	
% Toluene-d8	93			%	1	04/27/22	JLI	70 - 130 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	37		ug/Kg	1	04/27/22	JLI	SW8260C	
Acrolein	ND	9.3		ug/Kg	1	04/27/22	JLI	SW8260C	
Acrylonitrile	ND	37		ug/Kg	1	04/27/22	JLI	SW8260C	
Tert-butyl alcohol	ND	190		ug/Kg	1	04/27/22	JLI	SW8260C	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	270	140	ug/Kg	1	04/27/22	WB	SW8270D	
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	1	04/27/22	WB	SW8270D	
1,2-Dichlorobenzene	ND	270	110	ug/Kg	1	04/27/22	WB	SW8270D	
1,2-Diphenylhydrazine	ND	270	130	ug/Kg	1	04/27/22	WB	SW8270D	
1,3-Dichlorobenzene	ND	270	110	ug/Kg	1	04/27/22	WB	SW8270D	
1,4-Dichlorobenzene	ND	270	110	ug/Kg	1	04/27/22	WB	SW8270D	
2,2'-Oxybis(1-Chloropropane)	ND	270	110	ug/Kg	1	04/27/22	WB	SW8270D	1
2,4,5-Trichlorophenol	ND	270	210	ug/Kg	1	04/27/22	WB	SW8270D	
2,4,6-Trichlorophenol	ND	190	120	ug/Kg	1	04/27/22	WB	SW8270D	
2,4-Dichlorophenol	ND	190	140	ug/Kg	1	04/27/22	WB	SW8270D	
2,4-Dimethylphenol	ND	270	95	ug/Kg	1	04/27/22	WB	SW8270D	
2,4-Dinitrophenol	ND	270	270	ug/Kg	1	04/27/22	WB	SW8270D	
2,4-Dinitrotoluene	ND	190	150	ug/Kg	1	04/27/22	WB	SW8270D	
2,6-Dinitrotoluene	ND	190	120	ug/Kg	1	04/27/22	WB	SW8270D	
2-Chloronaphthalene	ND	270	110	ug/Kg	1	04/27/22	WB	SW8270D	
2-Chlorophenol	ND	270	110	ug/Kg	1	04/27/22	WB	SW8270D	

Project ID: 224 3RD AVE
Client ID: SB6 (0-2)

Phoenix I.D.: CL16705

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Methylnaphthalene	140	J	270	110	ug/Kg	1	04/27/22	WB	SW8270D	
2-Methylphenol (o-cresol)	ND		270	180	ug/Kg	1	04/27/22	WB	SW8270D	
2-Nitroaniline	ND		270	270	ug/Kg	1	04/27/22	WB	SW8270D	
2-Nitrophenol	ND		270	240	ug/Kg	1	04/27/22	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		270	150	ug/Kg	1	04/27/22	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND		190	180	ug/Kg	1	04/27/22	WB	SW8270D	
3-Nitroaniline	ND		390	770	ug/Kg	1	04/27/22	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND		230	77	ug/Kg	1	04/27/22	WB	SW8270D	
4-Bromophenyl phenyl ether	ND		270	110	ug/Kg	1	04/27/22	WB	SW8270D	
4-Chloro-3-methylphenol	ND		270	140	ug/Kg	1	04/27/22	WB	SW8270D	
4-Chloroaniline	ND		310	180	ug/Kg	1	04/27/22	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND		270	130	ug/Kg	1	04/27/22	WB	SW8270D	
4-Nitroaniline	ND		390	130	ug/Kg	1	04/27/22	WB	SW8270D	
4-Nitrophenol	ND		390	170	ug/Kg	1	04/27/22	WB	SW8270D	
Acenaphthene	380		270	120	ug/Kg	1	04/27/22	WB	SW8270D	
Acenaphthylene	200	J	270	110	ug/Kg	1	04/27/22	WB	SW8270D	
Acetophenone	ND		270	120	ug/Kg	1	04/27/22	WB	SW8270D	
Aniline	ND		310	310	ug/Kg	1	04/27/22	WB	SW8270D	
Anthracene	1200		270	130	ug/Kg	1	04/27/22	WB	SW8270D	
Benz(a)anthracene	4300		270	130	ug/Kg	1	04/27/22	WB	SW8270D	
Benzidine	ND		390	230	ug/Kg	1	04/27/22	WB	SW8270D	
Benzo(a)pyrene	4700		190	130	ug/Kg	1	04/27/22	WB	SW8270D	
Benzo(b)fluoranthene	4200		270	130	ug/Kg	1	04/27/22	WB	SW8270D	
Benzo(ghi)perylene	3400		270	120	ug/Kg	1	04/27/22	WB	SW8270D	
Benzo(k)fluoranthene	3100		270	130	ug/Kg	1	04/27/22	WB	SW8270D	
Benzoic acid	ND		1900	770	ug/Kg	1	04/27/22	WB	SW8270D	
Benzyl butyl phthalate	ND		270	99	ug/Kg	1	04/27/22	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND		270	110	ug/Kg	1	04/27/22	WB	SW8270D	
Bis(2-chloroethyl)ether	ND		190	100	ug/Kg	1	04/27/22	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	ND		270	110	ug/Kg	1	04/27/22	WB	SW8270D	
Carbazole	380		190	150	ug/Kg	1	04/27/22	WB	SW8270D	
Chrysene	4800		270	130	ug/Kg	1	04/27/22	WB	SW8270D	
Dibenz(a,h)anthracene	550		190	120	ug/Kg	1	04/27/22	WB	SW8270D	
Dibenzofuran	200	J	270	110	ug/Kg	1	04/27/22	WB	SW8270D	
Diethyl phthalate	ND		270	120	ug/Kg	1	04/27/22	WB	SW8270D	
Dimethylphthalate	ND		270	120	ug/Kg	1	04/27/22	WB	SW8270D	
Di-n-butylphthalate	ND		270	100	ug/Kg	1	04/27/22	WB	SW8270D	
Di-n-octylphthalate	ND		270	99	ug/Kg	1	04/27/22	WB	SW8270D	
Fluoranthene	9000		2700	1200	ug/Kg	10	04/27/22	WB	SW8270D	
Fluorene	300		270	130	ug/Kg	1	04/27/22	WB	SW8270D	
Hexachlorobenzene	ND		190	110	ug/Kg	1	04/27/22	WB	SW8270D	
Hexachlorobutadiene	ND		270	140	ug/Kg	1	04/27/22	WB	SW8270D	
Hexachlorocyclopentadiene	ND		270	120	ug/Kg	1	04/27/22	WB	SW8270D	
Hexachloroethane	ND		190	120	ug/Kg	1	04/27/22	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	3200		270	130	ug/Kg	1	04/27/22	WB	SW8270D	
Isophorone	ND		190	110	ug/Kg	1	04/27/22	WB	SW8270D	
Naphthalene	270	J	270	110	ug/Kg	1	04/27/22	WB	SW8270D	
Nitrobenzene	ND		190	130	ug/Kg	1	04/27/22	WB	SW8270D	
N-Nitrosodimethylamine	ND		270	110	ug/Kg	1	04/27/22	WB	SW8270D	

Project ID: 224 3RD AVE
Client ID: SB6 (0-2)

Phoenix I.D.: CL16705

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodi-n-propylamine	ND	190	120	ug/Kg	1	04/27/22	WB	SW8270D
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	1	04/27/22	WB	SW8270D
Pentachloronitrobenzene	ND	270	140	ug/Kg	1	04/27/22	WB	SW8270D
Pentachlorophenol	ND	230	150	ug/Kg	1	04/27/22	WB	SW8270D
Phenanthrene	6700	270	110	ug/Kg	1	04/27/22	WB	SW8270D
Phenol	ND	270	120	ug/Kg	1	04/27/22	WB	SW8270D
Pyrene	9100	2700	1300	ug/Kg	10	04/27/22	WB	SW8270D
Pyridine	ND	270	95	ug/Kg	1	04/27/22	WB	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	68			%	1	04/27/22	WB	30 - 130 %
% 2-Fluorobiphenyl	73			%	1	04/27/22	WB	30 - 130 %
% 2-Fluorophenol	49			%	1	04/27/22	WB	30 - 130 %
% Nitrobenzene-d5	65			%	1	04/27/22	WB	30 - 130 %
% Phenol-d5	58			%	1	04/27/22	WB	30 - 130 %
% Terphenyl-d14	72			%	1	04/27/22	WB	30 - 130 %
% 2,4,6-Tribromophenol (10x)	Diluted Out			%	10	04/27/22	WB	30 - 130 %
% 2-Fluorobiphenyl (10x)	Diluted Out			%	10	04/27/22	WB	30 - 130 %
% 2-Fluorophenol (10x)	Diluted Out			%	10	04/27/22	WB	30 - 130 %
% Nitrobenzene-d5 (10x)	Diluted Out			%	10	04/27/22	WB	30 - 130 %
% Phenol-d5 (10x)	Diluted Out			%	10	04/27/22	WB	30 - 130 %
% Terphenyl-d14 (10x)	Diluted Out			%	10	04/27/22	WB	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 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.

S - Laboratory solvent, contamination is possible.

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

Phyllis Shiller, Laboratory Director

May 03, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 03, 2022

FOR: Attn: Mr Kevin Brussee
Brussee Environmental Corp
14 Evans Lane
Miller Place, NY 11764

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/25/22	12:30
Location Code:	BRUSSEE	Received by:	CP	04/26/22	16:25
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL16701
Phoenix ID: CL16706

Project ID: 224 3RD AVE
Client ID: SB7 (3-5)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.46	0.46		mg/Kg	1	04/28/22	CPP	SW6010D	
Arsenic	10.5	0.93		mg/Kg	1	04/28/22	CPP	SW6010D	
Barium	174	0.9		mg/Kg	1	04/28/22	CPP	SW6010D	
Cadmium	0.59	0.46		mg/Kg	1	04/28/22	CPP	SW6010D	
Chromium	13.0	0.46		mg/Kg	1	04/28/22	CPP	SW6010D	
Mercury	0.99	0.03		mg/Kg	2	04/27/22	MGH	SW7471B	
Lead	472	0.9		mg/Kg	1	04/28/22	CPP	SW6010D	
Selenium	< 1.9	1.9		mg/Kg	1	04/28/22	CPP	SW6010D	
Percent Solid	77			%		04/26/22	K	SW846-%Solid	
Field Extraction	Completed					04/25/22		SW5035A	1
Mercury Digestion	Completed					04/27/22	AB/AB	SW7471B	
Soil Extraction for SVOA	Completed					04/26/22	C/L	SW3546	
Total Metals Digest	Completed					04/26/22	M/AG	SW3050B	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	8.6	1.7	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1,1-Trichloroethane	ND	8.6	0.86	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	8.6	1.7	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1,2-Trichloroethane	ND	8.6	1.7	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1-Dichloroethane	ND	8.6	1.7	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1-Dichloroethene	ND	8.6	0.86	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1-Dichloropropene	ND	8.6	0.86	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	8.6	1.7	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2,3-Trichloropropane	ND	8.6	0.86	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	8.6	1.7	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	8.6	0.86	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	8.6	1.7	ug/Kg	1	04/27/22	JLI	SW8260C	

Project ID: 224 3RD AVE
Client ID: SB7 (3-5)

Phoenix I.D.: CL16706

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,2-Dibromoethane	ND		8.6	0.86	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2-Dichlorobenzene	ND		8.6	0.86	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2-Dichloroethane	ND		8.6	0.86	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2-Dichloropropane	ND		8.6	1.7	ug/Kg	1	04/27/22	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		8.6	0.86	ug/Kg	1	04/27/22	JLI	SW8260C	
1,3-Dichlorobenzene	ND		8.6	0.86	ug/Kg	1	04/27/22	JLI	SW8260C	
1,3-Dichloropropane	ND		8.6	1.7	ug/Kg	1	04/27/22	JLI	SW8260C	
1,4-Dichlorobenzene	ND		8.6	0.86	ug/Kg	1	04/27/22	JLI	SW8260C	
2,2-Dichloropropane	ND		8.6	0.86	ug/Kg	1	04/27/22	JLI	SW8260C	
2-Chlorotoluene	ND		8.6	1.7	ug/Kg	1	04/27/22	JLI	SW8260C	
2-Hexanone	ND		43	8.6	ug/Kg	1	04/27/22	JLI	SW8260C	
2-Isopropyltoluene	ND		8.6	0.86	ug/Kg	1	04/27/22	JLI	SW8260C	1
4-Chlorotoluene	ND		8.6	0.86	ug/Kg	1	04/27/22	JLI	SW8260C	
4-Methyl-2-pentanone	ND		43	8.6	ug/Kg	1	04/27/22	JLI	SW8260C	
Acetone	ND		43	8.6	ug/Kg	1	04/27/22	JLI	SW8260C	
Acrylonitrile	ND		17	1.7	ug/Kg	1	04/27/22	JLI	SW8260C	
Benzene	ND		8.6	0.86	ug/Kg	1	04/27/22	JLI	SW8260C	
Bromobenzene	ND		8.6	0.86	ug/Kg	1	04/27/22	JLI	SW8260C	
Bromochloromethane	ND		8.6	0.86	ug/Kg	1	04/27/22	JLI	SW8260C	
Bromodichloromethane	ND		8.6	1.7	ug/Kg	1	04/27/22	JLI	SW8260C	
Bromoform	ND		8.6	1.7	ug/Kg	1	04/27/22	JLI	SW8260C	
Bromomethane	ND		8.6	3.5	ug/Kg	1	04/27/22	JLI	SW8260C	
Carbon Disulfide	ND		8.6	1.7	ug/Kg	1	04/27/22	JLI	SW8260C	
Carbon tetrachloride	ND		8.6	1.7	ug/Kg	1	04/27/22	JLI	SW8260C	
Chlorobenzene	ND		8.6	0.86	ug/Kg	1	04/27/22	JLI	SW8260C	
Chloroethane	ND		8.6	0.86	ug/Kg	1	04/27/22	JLI	SW8260C	
Chloroform	ND		8.6	0.86	ug/Kg	1	04/27/22	JLI	SW8260C	
Chloromethane	ND		8.6	1.7	ug/Kg	1	04/27/22	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		8.6	0.86	ug/Kg	1	04/27/22	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		8.6	0.86	ug/Kg	1	04/27/22	JLI	SW8260C	
Dibromochloromethane	ND		8.6	1.7	ug/Kg	1	04/27/22	JLI	SW8260C	
Dibromomethane	ND		8.6	1.7	ug/Kg	1	04/27/22	JLI	SW8260C	
Dichlorodifluoromethane	ND		8.6	0.86	ug/Kg	1	04/27/22	JLI	SW8260C	
Ethylbenzene	ND		8.6	0.86	ug/Kg	1	04/27/22	JLI	SW8260C	
Hexachlorobutadiene	ND		8.6	0.86	ug/Kg	1	04/27/22	JLI	SW8260C	
Isopropylbenzene	ND		8.6	0.86	ug/Kg	1	04/27/22	JLI	SW8260C	
m&p-Xylene	ND		8.6	1.7	ug/Kg	1	04/27/22	JLI	SW8260C	
Methyl Ethyl Ketone	ND		52	8.6	ug/Kg	1	04/27/22	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		17	1.7	ug/Kg	1	04/27/22	JLI	SW8260C	
Methylene chloride	ND		8.6	8.6	ug/Kg	1	04/27/22	JLI	SW8260C	
Naphthalene	ND		8.6	1.7	ug/Kg	1	04/27/22	JLI	SW8260C	
n-Butylbenzene	ND		8.6	0.86	ug/Kg	1	04/27/22	JLI	SW8260C	
n-Propylbenzene	ND		8.6	1.7	ug/Kg	1	04/27/22	JLI	SW8260C	
o-Xylene	ND		8.6	1.7	ug/Kg	1	04/27/22	JLI	SW8260C	
p-Isopropyltoluene	ND		8.6	0.86	ug/Kg	1	04/27/22	JLI	SW8260C	
sec-Butylbenzene	ND		8.6	0.86	ug/Kg	1	04/27/22	JLI	SW8260C	
Styrene	ND		8.6	0.86	ug/Kg	1	04/27/22	JLI	SW8260C	
tert-Butylbenzene	ND		8.6	0.86	ug/Kg	1	04/27/22	JLI	SW8260C	
Tetrachloroethene	6.6	J	8.6	1.7	ug/Kg	1	04/27/22	JLI	SW8260C	

Project ID: 224 3RD AVE
Client ID: SB7 (3-5)

Phoenix I.D.: CL16706

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Tetrahydrofuran (THF)	ND	17	4.3	ug/Kg	1	04/27/22	JLI	SW8260C	
Toluene	ND	8.6	0.86	ug/Kg	1	04/27/22	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	8.6	0.86	ug/Kg	1	04/27/22	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	8.6	0.86	ug/Kg	1	04/27/22	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	17	4.3	ug/Kg	1	04/27/22	JLI	SW8260C	
Trichloroethene	ND	8.6	0.86	ug/Kg	1	04/27/22	JLI	SW8260C	
Trichlorofluoromethane	ND	8.6	1.7	ug/Kg	1	04/27/22	JLI	SW8260C	
Trichlorotrifluoroethane	ND	8.6	0.86	ug/Kg	1	04/27/22	JLI	SW8260C	
Vinyl chloride	ND	8.6	0.86	ug/Kg	1	04/27/22	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	96			%	1	04/27/22	JLI	70 - 130 %	
% Bromofluorobenzene	97			%	1	04/27/22	JLI	70 - 130 %	
% Dibromofluoromethane	103			%	1	04/27/22	JLI	70 - 130 %	
% Toluene-d8	94			%	1	04/27/22	JLI	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	100		ug/kg	1	04/27/22	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	96			%	1	04/27/22	JLI	70 - 130 %	
% Bromofluorobenzene	97			%	1	04/27/22	JLI	70 - 130 %	
% Dibromofluoromethane	103			%	1	04/27/22	JLI	70 - 130 %	
% Toluene-d8	94			%	1	04/27/22	JLI	70 - 130 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	35		ug/Kg	1	04/27/22	JLI	SW8260C	
Acrolein	ND	8.6		ug/Kg	1	04/27/22	JLI	SW8260C	
Acrylonitrile	ND	35		ug/Kg	1	04/27/22	JLI	SW8260C	
Tert-butyl alcohol	ND	170		ug/Kg	1	04/27/22	JLI	SW8260C	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	300	150	ug/Kg	1	04/27/22	WB	SW8270D	
1,2,4-Trichlorobenzene	ND	300	130	ug/Kg	1	04/27/22	WB	SW8270D	
1,2-Dichlorobenzene	ND	300	120	ug/Kg	1	04/27/22	WB	SW8270D	
1,2-Diphenylhydrazine	ND	300	140	ug/Kg	1	04/27/22	WB	SW8270D	
1,3-Dichlorobenzene	ND	300	130	ug/Kg	1	04/27/22	WB	SW8270D	
1,4-Dichlorobenzene	ND	300	130	ug/Kg	1	04/27/22	WB	SW8270D	
2,2'-Oxybis(1-Chloropropane)	ND	300	120	ug/Kg	1	04/27/22	WB	SW8270D	1
2,4,5-Trichlorophenol	ND	300	230	ug/Kg	1	04/27/22	WB	SW8270D	
2,4,6-Trichlorophenol	ND	210	140	ug/Kg	1	04/27/22	WB	SW8270D	
2,4-Dichlorophenol	ND	210	150	ug/Kg	1	04/27/22	WB	SW8270D	
2,4-Dimethylphenol	ND	300	110	ug/Kg	1	04/27/22	WB	SW8270D	
2,4-Dinitrophenol	ND	300	300	ug/Kg	1	04/27/22	WB	SW8270D	
2,4-Dinitrotoluene	ND	210	170	ug/Kg	1	04/27/22	WB	SW8270D	
2,6-Dinitrotoluene	ND	210	130	ug/Kg	1	04/27/22	WB	SW8270D	
2-Chloronaphthalene	ND	300	120	ug/Kg	1	04/27/22	WB	SW8270D	
2-Chlorophenol	ND	300	120	ug/Kg	1	04/27/22	WB	SW8270D	
2-Methylnaphthalene	ND	300	130	ug/Kg	1	04/27/22	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	300	200	ug/Kg	1	04/27/22	WB	SW8270D	
2-Nitroaniline	ND	300	300	ug/Kg	1	04/27/22	WB	SW8270D	
2-Nitrophenol	ND	300	270	ug/Kg	1	04/27/22	WB	SW8270D	

Project ID: 224 3RD AVE
Client ID: SB7 (3-5)

Phoenix I.D.: CL16706

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
3&4-Methylphenol (m&p-cresol)	ND	300	170	ug/Kg	1	04/27/22	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	210	200	ug/Kg	1	04/27/22	WB	SW8270D	
3-Nitroaniline	ND	420	850	ug/Kg	1	04/27/22	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	250	85	ug/Kg	1	04/27/22	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	300	120	ug/Kg	1	04/27/22	WB	SW8270D	
4-Chloro-3-methylphenol	ND	300	150	ug/Kg	1	04/27/22	WB	SW8270D	
4-Chloroaniline	ND	340	200	ug/Kg	1	04/27/22	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	300	140	ug/Kg	1	04/27/22	WB	SW8270D	
4-Nitroaniline	ND	420	140	ug/Kg	1	04/27/22	WB	SW8270D	
4-Nitrophenol	ND	420	190	ug/Kg	1	04/27/22	WB	SW8270D	
Acenaphthene	ND	300	130	ug/Kg	1	04/27/22	WB	SW8270D	
Acenaphthylene	ND	300	120	ug/Kg	1	04/27/22	WB	SW8270D	
Acetophenone	ND	300	130	ug/Kg	1	04/27/22	WB	SW8270D	
Aniline	ND	340	340	ug/Kg	1	04/27/22	WB	SW8270D	
Anthracene	ND	300	140	ug/Kg	1	04/27/22	WB	SW8270D	
Benz(a)anthracene	ND	300	140	ug/Kg	1	04/27/22	WB	SW8270D	
Benzidine	ND	420	250	ug/Kg	1	04/27/22	WB	SW8270D	
Benzo(a)pyrene	ND	210	140	ug/Kg	1	04/27/22	WB	SW8270D	
Benzo(b)fluoranthene	ND	300	150	ug/Kg	1	04/27/22	WB	SW8270D	
Benzo(ghi)perylene	ND	300	140	ug/Kg	1	04/27/22	WB	SW8270D	
Benzo(k)fluoranthene	ND	300	140	ug/Kg	1	04/27/22	WB	SW8270D	
Benzoic acid	ND	2100	850	ug/Kg	1	04/27/22	WB	SW8270D	
Benzyl butyl phthalate	ND	300	110	ug/Kg	1	04/27/22	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	300	120	ug/Kg	1	04/27/22	WB	SW8270D	
Bis(2-chloroethyl)ether	ND	210	110	ug/Kg	1	04/27/22	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	300	120	ug/Kg	1	04/27/22	WB	SW8270D	
Carbazole	ND	210	170	ug/Kg	1	04/27/22	WB	SW8270D	
Chrysene	ND	300	140	ug/Kg	1	04/27/22	WB	SW8270D	
Dibenz(a,h)anthracene	ND	210	140	ug/Kg	1	04/27/22	WB	SW8270D	
Dibenzofuran	ND	300	120	ug/Kg	1	04/27/22	WB	SW8270D	
Diethyl phthalate	ND	300	130	ug/Kg	1	04/27/22	WB	SW8270D	
Dimethylphthalate	ND	300	130	ug/Kg	1	04/27/22	WB	SW8270D	
Di-n-butylphthalate	ND	300	110	ug/Kg	1	04/27/22	WB	SW8270D	
Di-n-octylphthalate	ND	300	110	ug/Kg	1	04/27/22	WB	SW8270D	
Fluoranthene	ND	300	140	ug/Kg	1	04/27/22	WB	SW8270D	
Fluorene	ND	300	140	ug/Kg	1	04/27/22	WB	SW8270D	
Hexachlorobenzene	ND	210	120	ug/Kg	1	04/27/22	WB	SW8270D	
Hexachlorobutadiene	ND	300	150	ug/Kg	1	04/27/22	WB	SW8270D	
Hexachlorocyclopentadiene	ND	300	130	ug/Kg	1	04/27/22	WB	SW8270D	
Hexachloroethane	ND	210	130	ug/Kg	1	04/27/22	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	300	140	ug/Kg	1	04/27/22	WB	SW8270D	
Isophorone	ND	210	120	ug/Kg	1	04/27/22	WB	SW8270D	
Naphthalene	ND	300	120	ug/Kg	1	04/27/22	WB	SW8270D	
Nitrobenzene	ND	210	150	ug/Kg	1	04/27/22	WB	SW8270D	
N-Nitrosodimethylamine	ND	300	120	ug/Kg	1	04/27/22	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	210	140	ug/Kg	1	04/27/22	WB	SW8270D	
N-Nitrosodiphenylamine	ND	300	160	ug/Kg	1	04/27/22	WB	SW8270D	
Pentachloronitrobenzene	ND	300	160	ug/Kg	1	04/27/22	WB	SW8270D	
Pentachlorophenol	ND	250	160	ug/Kg	1	04/27/22	WB	SW8270D	

Project ID: 224 3RD AVE
Client ID: SB7 (3-5)

Phoenix I.D.: CL16706

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Phenanthrene	ND	300	120	ug/Kg	1	04/27/22	WB	SW8270D
Phenol	ND	300	140	ug/Kg	1	04/27/22	WB	SW8270D
Pyrene	ND	300	150	ug/Kg	1	04/27/22	WB	SW8270D
Pyridine	ND	300	100	ug/Kg	1	04/27/22	WB	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	69			%	1	04/27/22	WB	30 - 130 %
% 2-Fluorobiphenyl	77			%	1	04/27/22	WB	30 - 130 %
% 2-Fluorophenol	52			%	1	04/27/22	WB	30 - 130 %
% Nitrobenzene-d5	70			%	1	04/27/22	WB	30 - 130 %
% Phenol-d5	61			%	1	04/27/22	WB	30 - 130 %
% Terphenyl-d14	73			%	1	04/27/22	WB	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 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

May 03, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 03, 2022

FOR: Attn: Mr Kevin Brussee
Brussee Environmental Corp
14 Evans Lane
Miller Place, NY 11764

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/25/22	13:15
Location Code:	BRUSSEE	Received by:	CP	04/26/22	16:25
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL16701
Phoenix ID: CL16707

Project ID: 224 3RD AVE
Client ID: SB8 (2-4)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.36	0.36		mg/Kg	1	04/28/22	CPP	SW6010D	
Arsenic	3.67	0.73		mg/Kg	1	04/28/22	CPP	SW6010D	
Barium	55.4	0.7		mg/Kg	1	04/28/22	CPP	SW6010D	
Cadmium	0.69	0.36		mg/Kg	1	04/28/22	CPP	SW6010D	
Chromium	18.1	0.36		mg/Kg	1	04/28/22	CPP	SW6010D	
Mercury	0.49	0.03		mg/Kg	2	04/27/22	MGH	SW7471B	
Lead	96.5	0.7		mg/Kg	1	04/28/22	CPP	SW6010D	
Selenium	< 1.5	1.5		mg/Kg	1	04/28/22	CPP	SW6010D	
Percent Solid	88			%		04/26/22	K	SW846-%Solid	
Field Extraction	Completed					04/25/22		SW5035A	1
Mercury Digestion	Completed					04/27/22	AB/AB	SW7471B	
Soil Extraction for SVOA	Completed					04/26/22	R/C/L	SW3546	
Total Metals Digest	Completed					04/26/22	M/AG	SW3050B	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1,1-Trichloroethane	ND	9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1,2-Trichloroethane	ND	9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1-Dichloroethane	ND	9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1-Dichloroethene	ND	9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
1,1-Dichloropropene	ND	9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2,3-Trichloropropane	ND	9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	

Project ID: 224 3RD AVE
Client ID: SB8 (2-4)

Phoenix I.D.: CL16707

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,2-Dibromoethane	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2-Dichlorobenzene	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2-Dichloroethane	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
1,2-Dichloropropane	ND		9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
1,3-Dichlorobenzene	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
1,3-Dichloropropane	ND		9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
1,4-Dichlorobenzene	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
2,2-Dichloropropane	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
2-Chlorotoluene	ND		9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
2-Hexanone	ND		46	9.3	ug/Kg	1	04/27/22	JLI	SW8260C	
2-Isopropyltoluene	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	1
4-Chlorotoluene	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
4-Methyl-2-pentanone	ND		46	9.3	ug/Kg	1	04/27/22	JLI	SW8260C	
Acetone	ND		46	9.3	ug/Kg	1	04/27/22	JLI	SW8260C	
Acrylonitrile	ND		19	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Benzene	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
Bromobenzene	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
Bromochloromethane	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
Bromodichloromethane	ND		9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Bromoform	ND		9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Bromomethane	ND		9.3	3.7	ug/Kg	1	04/27/22	JLI	SW8260C	
Carbon Disulfide	ND		9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Carbon tetrachloride	ND		9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Chlorobenzene	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
Chloroethane	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
Chloroform	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
Chloromethane	ND		9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
Dibromochloromethane	ND		9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Dibromomethane	ND		9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Dichlorodifluoromethane	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
Ethylbenzene	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
Hexachlorobutadiene	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
Isopropylbenzene	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
m&p-Xylene	ND		9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Methyl Ethyl Ketone	ND		56	9.3	ug/Kg	1	04/27/22	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		19	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Methylene chloride	ND		9.3	9.3	ug/Kg	1	04/27/22	JLI	SW8260C	
Naphthalene	ND		9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
n-Butylbenzene	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
n-Propylbenzene	ND		9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
o-Xylene	ND		9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
p-Isopropyltoluene	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
sec-Butylbenzene	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
Styrene	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
tert-Butylbenzene	ND		9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
Tetrachloroethene	8.1	J	9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	

Project ID: 224 3RD AVE
Client ID: SB8 (2-4)

Phoenix I.D.: CL16707

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Tetrahydrofuran (THF)	ND	19	4.6	ug/Kg	1	04/27/22	JLI	SW8260C	
Toluene	ND	9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	19	4.6	ug/Kg	1	04/27/22	JLI	SW8260C	
Trichloroethene	ND	9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
Trichlorofluoromethane	ND	9.3	1.9	ug/Kg	1	04/27/22	JLI	SW8260C	
Trichlorotrifluoroethane	ND	9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
Vinyl chloride	ND	9.3	0.93	ug/Kg	1	04/27/22	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	97			%	1	04/27/22	JLI	70 - 130 %	
% Bromofluorobenzene	96			%	1	04/27/22	JLI	70 - 130 %	
% Dibromofluoromethane	101			%	1	04/27/22	JLI	70 - 130 %	
% Toluene-d8	93			%	1	04/27/22	JLI	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	100		ug/kg	1	04/27/22	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	97			%	1	04/27/22	JLI	70 - 130 %	
% Bromofluorobenzene	96			%	1	04/27/22	JLI	70 - 130 %	
% Dibromofluoromethane	101			%	1	04/27/22	JLI	70 - 130 %	
% Toluene-d8	93			%	1	04/27/22	JLI	70 - 130 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	37		ug/Kg	1	04/27/22	JLI	SW8260C	
Acrolein	ND	9.3		ug/Kg	1	04/27/22	JLI	SW8260C	
Acrylonitrile	ND	37		ug/Kg	1	04/27/22	JLI	SW8260C	
Tert-butyl alcohol	ND	190		ug/Kg	1	04/27/22	JLI	SW8260C	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	1	04/27/22	WB	SW8270D	
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	04/27/22	WB	SW8270D	
1,2-Dichlorobenzene	ND	260	100	ug/Kg	1	04/27/22	WB	SW8270D	
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	1	04/27/22	WB	SW8270D	
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	04/27/22	WB	SW8270D	
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	04/27/22	WB	SW8270D	
2,2'-Oxybis(1-Chloropropane)	ND	260	100	ug/Kg	1	04/27/22	WB	SW8270D	1
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	1	04/27/22	WB	SW8270D	
2,4,6-Trichlorophenol	ND	190	120	ug/Kg	1	04/27/22	WB	SW8270D	
2,4-Dichlorophenol	ND	190	130	ug/Kg	1	04/27/22	WB	SW8270D	
2,4-Dimethylphenol	ND	260	92	ug/Kg	1	04/27/22	WB	SW8270D	
2,4-Dinitrophenol	ND	260	260	ug/Kg	1	04/27/22	WB	SW8270D	
2,4-Dinitrotoluene	ND	190	150	ug/Kg	1	04/27/22	WB	SW8270D	
2,6-Dinitrotoluene	ND	190	120	ug/Kg	1	04/27/22	WB	SW8270D	
2-Chloronaphthalene	ND	260	110	ug/Kg	1	04/27/22	WB	SW8270D	
2-Chlorophenol	ND	260	110	ug/Kg	1	04/27/22	WB	SW8270D	
2-Methylnaphthalene	ND	260	110	ug/Kg	1	04/27/22	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	260	170	ug/Kg	1	04/27/22	WB	SW8270D	
2-Nitroaniline	ND	260	260	ug/Kg	1	04/27/22	WB	SW8270D	
2-Nitrophenol	ND	260	240	ug/Kg	1	04/27/22	WB	SW8270D	

Project ID: 224 3RD AVE
Client ID: SB8 (2-4)

Phoenix I.D.: CL16707

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	1	04/27/22	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	190	180	ug/Kg	1	04/27/22	WB	SW8270D	
3-Nitroaniline	ND	370	740	ug/Kg	1	04/27/22	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	220	74	ug/Kg	1	04/27/22	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	1	04/27/22	WB	SW8270D	
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	04/27/22	WB	SW8270D	
4-Chloroaniline	ND	300	170	ug/Kg	1	04/27/22	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	260	120	ug/Kg	1	04/27/22	WB	SW8270D	
4-Nitroaniline	ND	370	120	ug/Kg	1	04/27/22	WB	SW8270D	
4-Nitrophenol	ND	370	170	ug/Kg	1	04/27/22	WB	SW8270D	
Acenaphthene	ND	260	110	ug/Kg	1	04/27/22	WB	SW8270D	
Acenaphthylene	ND	260	100	ug/Kg	1	04/27/22	WB	SW8270D	
Acetophenone	ND	260	120	ug/Kg	1	04/27/22	WB	SW8270D	
Aniline	ND	300	300	ug/Kg	1	04/27/22	WB	SW8270D	
Anthracene	ND	260	120	ug/Kg	1	04/27/22	WB	SW8270D	
Benz(a)anthracene	ND	260	120	ug/Kg	1	04/27/22	WB	SW8270D	
Benzidine	ND	370	220	ug/Kg	1	04/27/22	WB	SW8270D	
Benzo(a)pyrene	ND	190	120	ug/Kg	1	04/27/22	WB	SW8270D	
Benzo(b)fluoranthene	ND	260	130	ug/Kg	1	04/27/22	WB	SW8270D	
Benzo(ghi)perylene	ND	260	120	ug/Kg	1	04/27/22	WB	SW8270D	
Benzo(k)fluoranthene	ND	260	120	ug/Kg	1	04/27/22	WB	SW8270D	
Benzoic acid	ND	1900	740	ug/Kg	1	04/27/22	WB	SW8270D	
Benzyl butyl phthalate	ND	260	96	ug/Kg	1	04/27/22	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	04/27/22	WB	SW8270D	
Bis(2-chloroethyl)ether	ND	190	100	ug/Kg	1	04/27/22	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	1	04/27/22	WB	SW8270D	
Carbazole	ND	190	150	ug/Kg	1	04/27/22	WB	SW8270D	
Chrysene	ND	260	120	ug/Kg	1	04/27/22	WB	SW8270D	
Dibenz(a,h)anthracene	ND	190	120	ug/Kg	1	04/27/22	WB	SW8270D	
Dibenzofuran	ND	260	110	ug/Kg	1	04/27/22	WB	SW8270D	
Diethyl phthalate	ND	260	120	ug/Kg	1	04/27/22	WB	SW8270D	
Dimethylphthalate	ND	260	120	ug/Kg	1	04/27/22	WB	SW8270D	
Di-n-butylphthalate	ND	260	99	ug/Kg	1	04/27/22	WB	SW8270D	
Di-n-octylphthalate	ND	260	96	ug/Kg	1	04/27/22	WB	SW8270D	
Fluoranthene	ND	260	120	ug/Kg	1	04/27/22	WB	SW8270D	
Fluorene	ND	260	120	ug/Kg	1	04/27/22	WB	SW8270D	
Hexachlorobenzene	ND	190	110	ug/Kg	1	04/27/22	WB	SW8270D	
Hexachlorobutadiene	ND	260	130	ug/Kg	1	04/27/22	WB	SW8270D	
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	1	04/27/22	WB	SW8270D	
Hexachloroethane	ND	190	110	ug/Kg	1	04/27/22	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	1	04/27/22	WB	SW8270D	
Isophorone	ND	190	100	ug/Kg	1	04/27/22	WB	SW8270D	
Naphthalene	ND	260	110	ug/Kg	1	04/27/22	WB	SW8270D	
Nitrobenzene	ND	190	130	ug/Kg	1	04/27/22	WB	SW8270D	
N-Nitrosodimethylamine	ND	260	100	ug/Kg	1	04/27/22	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	190	120	ug/Kg	1	04/27/22	WB	SW8270D	
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	04/27/22	WB	SW8270D	
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	04/27/22	WB	SW8270D	
Pentachlorophenol	ND	220	140	ug/Kg	1	04/27/22	WB	SW8270D	

Project ID: 224 3RD AVE
Client ID: SB8 (2-4)

Phoenix I.D.: CL16707

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Phenanthrene	ND	260	110	ug/Kg	1	04/27/22	WB	SW8270D	
Phenol	ND	260	120	ug/Kg	1	04/27/22	WB	SW8270D	
Pyrene	ND	260	130	ug/Kg	1	04/27/22	WB	SW8270D	
Pyridine	ND	260	91	ug/Kg	1	04/27/22	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	54			%	1	04/27/22	WB	30 - 130 %	
% 2-Fluorobiphenyl	69			%	1	04/27/22	WB	30 - 130 %	
% 2-Fluorophenol	24			%	1	04/27/22	WB	30 - 130 %	3
% Nitrobenzene-d5	67			%	1	04/27/22	WB	30 - 130 %	
% Phenol-d5	50			%	1	04/27/22	WB	30 - 130 %	
% Terphenyl-d14	69			%	1	04/27/22	WB	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.
3 = This parameter exceeds laboratory specified limits.

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

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

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

May 03, 2022

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

NY # 11301

QA/QC Report

May 03, 2022

QA/QC Data

SDG I.D.: GCL16701

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 622111 (mg/kg), QC Sample No: CL16326 2X (CL16701, CL16702, CL16703, CL16704, CL16705, CL16706, CL16707)														
Mercury - Soil	BRL	0.03	<0.03	<0.03	NC	96.5	104	7.5	111	101	9.4	70 - 130	30	
Comment:														
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.														
QA/QC Batch 622043 (mg/kg), QC Sample No: CL16588 (CL16701, CL16702, CL16703, CL16704, CL16705, CL16706, CL16707)														
ICP Metals - Soil														
Arsenic	BRL	0.67	<0.72	<0.76	NC	92.8	98.9	6.4	99.2			75 - 125	35	
Barium	BRL	0.33	19.4	15.8	20.5	98.3	104	5.6	100			75 - 125	35	
Cadmium	BRL	0.33	<0.36	<0.38	NC	92.4	96.7	4.5	99.8			75 - 125	35	
Chromium	BRL	0.33	4.76	4.90	2.90	96.0	102	6.1	98.3			75 - 125	35	
Lead	BRL	0.33	4.34	2.46	55.3	97.0	105	7.9	101			75 - 125	35	r
Selenium	BRL	1.3	<1.4	<1.5	NC	96.7	102	5.3	101			75 - 125	35	
Silver	BRL	0.33	<0.36	<0.38	NC	92.9	100	7.4	100			75 - 125	35	
Comment:														
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.														

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

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

May 03, 2022

QA/QC Data

SDG I.D.: GCL16701

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 622029 (ug/kg), QC Sample No: CL16519 (CL16701)											
Semivolatiles - Soil											
1,2,4,5-Tetrachlorobenzene	ND	230	62	58	6.7	72	73	1.4	40 - 140	30	
1,2,4-Trichlorobenzene	ND	230	56	54	3.6	65	68	4.5	40 - 140	30	
1,2-Dichlorobenzene	ND	180	53	50	5.8	59	62	5.0	40 - 140	30	
1,2-Diphenylhydrazine	ND	230	63	60	4.9	74	72	2.7	40 - 140	30	
1,3-Dichlorobenzene	ND	230	51	46	10.3	55	57	3.6	40 - 140	30	
1,4-Dichlorobenzene	ND	230	52	50	3.9	57	61	6.8	40 - 140	30	
2,2'-Oxybis(1-Chloropropane)	ND	230	44	41	7.1	48	50	4.1	40 - 140	30	
2,4,5-Trichlorophenol	ND	230	76	76	0.0	94	95	1.1	40 - 140	30	
2,4,6-Trichlorophenol	ND	130	76	74	2.7	91	96	5.3	30 - 130	30	
2,4-Dichlorophenol	ND	130	68	64	6.1	80	83	3.7	30 - 130	30	
2,4-Dimethylphenol	ND	230	65	62	4.7	73	75	2.7	30 - 130	30	
2,4-Dinitrophenol	ND	230	27	13	70.0	108	96	11.8	30 - 130	30	l,r
2,4-Dinitrotoluene	ND	130	88	83	5.8	102	100	2.0	30 - 130	30	
2,6-Dinitrotoluene	ND	130	81	80	1.2	92	96	4.3	40 - 140	30	
2-Chloronaphthalene	ND	230	68	65	4.5	81	82	1.2	40 - 140	30	
2-Chlorophenol	ND	230	66	60	9.5	72	77	6.7	30 - 130	30	
2-Methylnaphthalene	ND	230	60	58	3.4	70	71	1.4	40 - 140	30	
2-Methylphenol (o-cresol)	ND	230	67	63	6.2	78	82	5.0	40 - 140	30	
2-Nitroaniline	ND	330	134	131	2.3	158	149	5.9	40 - 140	30	m
2-Nitrophenol	ND	230	71	62	13.5	76	75	1.3	40 - 140	30	
3&4-Methylphenol (m&p-cresol)	ND	230	68	62	9.2	78	84	7.4	30 - 130	30	
3,3'-Dichlorobenzidine	ND	130	93	86	7.8	94	97	3.1	40 - 140	30	
3-Nitroaniline	ND	330	94	90	4.3	101	102	1.0	40 - 140	30	
4,6-Dinitro-2-methylphenol	ND	230	43	23	60.6	101	91	10.4	30 - 130	30	l,r
4-Bromophenyl phenyl ether	ND	230	73	70	4.2	83	86	3.6	40 - 140	30	
4-Chloro-3-methylphenol	ND	230	77	74	4.0	89	89	0.0	30 - 130	30	
4-Chloroaniline	ND	230	66	64	3.1	70	67	4.4	40 - 140	30	
4-Chlorophenyl phenyl ether	ND	230	72	70	2.8	84	86	2.4	40 - 140	30	
4-Nitroaniline	ND	230	80	76	5.1	93	94	1.1	40 - 140	30	
4-Nitrophenol	ND	230	81	74	9.0	96	98	2.1	30 - 130	30	
Acenaphthene	ND	230	70	69	1.4	83	83	0.0	30 - 130	30	
Acenaphthylene	ND	130	63	62	1.6	77	75	2.6	40 - 140	30	
Acetophenone	ND	230	52	47	10.1	56	61	8.5	40 - 140	30	
Aniline	ND	330	47	41	13.6	45	45	0.0	40 - 140	30	
Anthracene	ND	230	73	70	4.2	85	81	4.8	40 - 140	30	
Benz(a)anthracene	ND	230	77	71	8.1	94	84	11.2	40 - 140	30	
Benzidine	ND	330	55	62	12.0	18	19	5.4	40 - 140	30	m
Benzo(a)pyrene	ND	130	74	70	5.6	91	78	15.4	40 - 140	30	
Benzo(b)fluoranthene	ND	160	74	71	4.1	93	90	3.3	40 - 140	30	
Benzo(ghi)perylene	ND	230	74	71	4.1	76	61	21.9	40 - 140	30	
Benzo(k)fluoranthene	ND	230	65	64	1.6	70	66	5.9	40 - 140	30	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Benzoic Acid	ND	670	12	<10	NC	46	51	10.3	30 - 130	30	l
Benzyl butyl phthalate	ND	230	83	76	8.8	87	84	3.5	40 - 140	30	
Bis(2-chloroethoxy)methane	ND	230	58	55	5.3	64	67	4.6	40 - 140	30	
Bis(2-chloroethyl)ether	ND	130	48	43	11.0	51	53	3.8	40 - 140	30	
Bis(2-ethylhexyl)phthalate	ND	3000	84	79	6.1	94	90	4.3	40 - 140	30	
Carbazole	ND	230	73	70	4.2	85	82	3.6	40 - 140	30	
Chrysene	ND	230	77	72	6.7	104	88	16.7	40 - 140	30	
Dibenz(a,h)anthracene	ND	130	73	69	5.6	86	76	12.3	40 - 140	30	
Dibenzofuran	ND	230	66	65	1.5	80	79	1.3	40 - 140	30	
Diethyl phthalate	ND	230	77	74	4.0	87	85	2.3	40 - 140	30	
Dimethylphthalate	ND	230	76	73	4.0	87	86	1.2	40 - 140	30	
Di-n-butylphthalate	ND	670	80	76	5.1	82	80	2.5	40 - 140	30	
Di-n-octylphthalate	ND	230	93	86	7.8	87	80	8.4	40 - 140	30	
Fluoranthene	ND	230	71	68	4.3	84	72	15.4	40 - 140	30	
Fluorene	ND	230	71	68	4.3	87	84	3.5	40 - 140	30	
Hexachlorobenzene	ND	130	76	73	4.0	87	82	5.9	40 - 140	30	
Hexachlorobutadiene	ND	230	58	54	7.1	67	70	4.4	40 - 140	30	
Hexachlorocyclopentadiene	ND	230	53	48	9.9	47	44	6.6	40 - 140	30	
Hexachloroethane	ND	130	53	49	7.8	59	63	6.6	40 - 140	30	
Indeno(1,2,3-cd)pyrene	ND	230	84	80	4.9	97	78	21.7	40 - 140	30	
Isophorone	ND	130	49	46	6.3	54	56	3.6	40 - 140	30	
Naphthalene	ND	230	57	56	1.8	66	69	4.4	40 - 140	30	
Nitrobenzene	ND	130	61	56	8.5	66	72	8.7	40 - 140	30	
N-Nitrosodimethylamine	ND	230	33	32	3.1	33	32	3.1	40 - 140	30	l,m
N-Nitrosodi-n-propylamine	ND	130	60	54	10.5	63	67	6.2	40 - 140	30	
N-Nitrosodiphenylamine	ND	130	74	72	2.7	84	83	1.2	40 - 140	30	
Pentachloronitrobenzene	ND	230	85	82	3.6	98	95	3.1	40 - 140	30	
Pentachlorophenol	ND	230	67	65	3.0	91	92	1.1	30 - 130	30	
Phenanthrene	ND	130	72	69	4.3	87	85	2.3	40 - 140	30	
Phenol	ND	230	68	62	9.2	74	80	7.8	30 - 130	30	
Pyrene	ND	230	63	62	1.6	78	62	22.9	30 - 130	30	
Pyridine	ND	230	27	27	0.0	26	23	12.2	40 - 140	30	l,m
% 2,4,6-Tribromophenol	86	%	73	68	7.1	90	84	6.9	30 - 130	30	
% 2-Fluorobiphenyl	73	%	61	58	5.0	73	73	0.0	30 - 130	30	
% 2-Fluorophenol	51	%	55	46	17.8	56	60	6.9	30 - 130	30	
% Nitrobenzene-d5	63	%	58	53	9.0	62	67	7.8	30 - 130	30	
% Phenol-d5	58	%	60	53	12.4	66	69	4.4	30 - 130	30	
% Terphenyl-d14	70	%	67	64	4.6	63	58	8.3	30 - 130	30	

Comment:

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 622039 (ug/kg), QC Sample No: CL16726 (CL16702, CL16703, CL16704, CL16705, CL16706, CL16707)

Semivolatiles - Soil

1,2,4,5-Tetrachlorobenzene	ND	230	67	69	2.9	65	59	9.7	40 - 140	30	
1,2,4-Trichlorobenzene	ND	230	68	70	2.9	63	61	3.2	40 - 140	30	
1,2-Dichlorobenzene	ND	180	70	71	1.4	65	59	9.7	40 - 140	30	
1,2-Diphenylhydrazine	ND	230	71	73	2.8	67	66	1.5	40 - 140	30	
1,3-Dichlorobenzene	ND	230	67	69	2.9	63	57	10.0	40 - 140	30	
1,4-Dichlorobenzene	ND	230	70	72	2.8	65	60	8.0	40 - 140	30	
2,2'-Oxybis(1-Chloropropane)	ND	230	70	69	1.4	66	57	14.6	40 - 140	30	
2,4,5-Trichlorophenol	ND	230	82	84	2.4	76	73	4.0	40 - 140	30	
2,4,6-Trichlorophenol	ND	130	82	83	1.2	79	73	7.9	30 - 130	30	

QA/QC Data

SDG I.D.: GCL16701

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
2,4-Dichlorophenol	ND	130	77	77	0.0	73	66	10.1	30 - 130	30	
2,4-Dimethylphenol	ND	230	75	76	1.3	69	64	7.5	30 - 130	30	
2,4-Dinitrophenol	ND	230	<10	<10	NC	77	85	9.9	30 - 130	30	l
2,4-Dinitrotoluene	ND	130	88	92	4.4	81	79	2.5	30 - 130	30	
2,6-Dinitrotoluene	ND	130	89	92	3.3	85	80	6.1	40 - 140	30	
2-Chloronaphthalene	ND	230	82	83	1.2	76	72	5.4	40 - 140	30	
2-Chlorophenol	ND	230	84	81	3.6	79	66	17.9	30 - 130	30	
2-Methylnaphthalene	ND	230	76	77	1.3	72	66	8.7	40 - 140	30	
2-Methylphenol (o-cresol)	ND	230	80	79	1.3	77	70	9.5	40 - 140	30	
2-Nitroaniline	ND	330	142	146	2.8	132	156	16.7	40 - 140	30	l,m
2-Nitrophenol	ND	230	69	78	12.2	64	61	4.8	40 - 140	30	
3&4-Methylphenol (m&p-cresol)	ND	230	86	82	4.8	85	69	20.8	30 - 130	30	
3,3'-Dichlorobenzidine	ND	130	95	102	7.1	86	84	2.4	40 - 140	30	
3-Nitroaniline	ND	330	108	109	0.9	91	90	1.1	40 - 140	30	
4,6-Dinitro-2-methylphenol	ND	230	10	<10	NC	100	96	4.1	30 - 130	30	l
4-Bromophenyl phenyl ether	ND	230	89	90	1.1	87	79	9.6	40 - 140	30	
4-Chloro-3-methylphenol	ND	230	80	82	2.5	74	69	7.0	30 - 130	30	
4-Chloroaniline	ND	230	78	79	1.3	61	67	9.4	40 - 140	30	
4-Chlorophenyl phenyl ether	ND	230	85	86	1.2	81	75	7.7	40 - 140	30	
4-Nitroaniline	ND	230	88	88	0.0	80	76	5.1	40 - 140	30	
4-Nitrophenol	ND	230	76	80	5.1	79	76	3.9	30 - 130	30	
Acenaphthene	ND	230	87	87	0.0	80	76	5.1	30 - 130	30	
Acenaphthylene	ND	130	76	76	0.0	71	67	5.8	40 - 140	30	
Acetophenone	ND	230	63	61	3.2	62	68	9.2	40 - 140	30	
Aniline	ND	330	62	60	3.3	56	51	9.3	40 - 140	30	
Anthracene	ND	230	82	86	4.8	78	73	6.6	40 - 140	30	
Benz(a)anthracene	ND	230	82	86	4.8	81	73	10.4	40 - 140	30	
Benzidine	ND	330	81	87	7.1	43	21	68.8	40 - 140	30	m,r
Benzo(a)pyrene	ND	130	79	81	2.5	75	69	8.3	40 - 140	30	
Benzo(b)fluoranthene	ND	160	86	86	0.0	81	77	5.1	40 - 140	30	
Benzo(ghi)perylene	ND	230	79	85	7.3	77	73	5.3	40 - 140	30	
Benzo(k)fluoranthene	ND	230	79	84	6.1	76	69	9.7	40 - 140	30	
Benzoic Acid	ND	670	<10	<10	NC	30	63	71.0	30 - 130	30	l,r
Benzyl butyl phthalate	ND	230	84	85	1.2	77	76	1.3	40 - 140	30	
Bis(2-chloroethoxy)methane	ND	230	71	74	4.1	65	63	3.1	40 - 140	30	
Bis(2-chloroethyl)ether	ND	130	66	66	0.0	62	55	12.0	40 - 140	30	
Bis(2-ethylhexyl)phthalate	ND	230	79	80	1.3	73	87	17.5	40 - 140	30	
Carbazole	ND	230	81	85	4.8	77	71	8.1	40 - 140	30	
Chrysene	ND	230	83	87	4.7	79	73	7.9	40 - 140	30	
Dibenz(a,h)anthracene	ND	130	81	86	6.0	81	76	6.4	40 - 140	30	
Dibenzofuran	ND	230	82	83	1.2	77	71	8.1	40 - 140	30	
Diethyl phthalate	ND	230	83	85	2.4	75	74	1.3	40 - 140	30	
Dimethylphthalate	ND	230	83	87	4.7	77	75	2.6	40 - 140	30	
Di-n-butylphthalate	ND	670	87	89	2.3	80	76	5.1	40 - 140	30	
Di-n-octylphthalate	ND	230	79	82	3.7	72	68	5.7	40 - 140	30	
Fluoranthene	ND	230	79	83	4.9	76	70	8.2	40 - 140	30	
Fluorene	ND	230	85	87	2.3	81	76	6.4	40 - 140	30	
Hexachlorobenzene	ND	130	79	81	2.5	76	71	6.8	40 - 140	30	
Hexachlorobutadiene	ND	230	65	67	3.0	60	59	1.7	40 - 140	30	
Hexachlorocyclopentadiene	ND	230	50	49	2.0	53	47	12.0	40 - 140	30	
Hexachloroethane	ND	130	68	69	1.5	63	75	17.4	40 - 140	30	
Indeno(1,2,3-cd)pyrene	ND	230	86	92	6.7	85	82	3.6	40 - 140	30	
Isophorone	ND	130	58	60	3.4	54	54	0.0	40 - 140	30	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Naphthalene	ND	230	71	72	1.4	67	73	8.6	40 - 140	30	
Nitrobenzene	ND	130	72	71	1.4	70	63	10.5	40 - 140	30	
N-Nitrosodimethylamine	ND	230	57	60	5.1	51	48	6.1	40 - 140	30	
N-Nitrosodi-n-propylamine	ND	130	75	72	4.1	72	63	13.3	40 - 140	30	
N-Nitrosodiphenylamine	ND	130	82	84	2.4	77	73	5.3	40 - 140	30	
Pentachloronitrobenzene	ND	230	77	80	3.8	74	69	7.0	40 - 140	30	
Pentachlorophenol	ND	230	49	51	4.0	81	76	6.4	30 - 130	30	
Phenanthrene	ND	130	82	84	2.4	79	74	6.5	40 - 140	30	
Phenol	ND	230	89	85	4.6	84	69	19.6	30 - 130	30	
Pyrene	ND	230	79	82	3.7	75	69	8.3	30 - 130	30	
Pyridine	ND	230	42	49	15.4	32	35	9.0	40 - 140	30	m
% 2,4,6-Tribromophenol	75	%	78	83	6.2	75	71	5.5	30 - 130	30	
% 2-Fluorobiphenyl	74	%	77	78	1.3	72	66	8.7	30 - 130	30	
% 2-Fluorophenol	68	%	70	69	1.4	66	54	20.0	30 - 130	30	
% Nitrobenzene-d5	67	%	70	68	2.9	66	57	14.6	30 - 130	30	
% Phenol-d5	72	%	75	73	2.7	73	60	19.5	30 - 130	30	
% Terphenyl-d14	75	%	79	81	2.5	74	68	8.5	30 - 130	30	

Comment:

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 622391H (ug/kg), QC Sample No: CL14439 50X (CL16702 (50X) , CL16703 (50X) , CL16704 (50X) , CL16705 (50X))

Volatiles - Soil (High Level)

Naphthalene	ND	250	124	130	4.7	116	126	8.3	70 - 130	30	
Tetrachloroethene	ND	250	115	120	4.3	123	126	2.4	70 - 130	30	
% 1,2-dichlorobenzene-d4	96	%	102	101	1.0	102	103	1.0	70 - 130	30	
% Bromofluorobenzene	97	%	101	100	1.0	100	98	2.0	70 - 130	30	
% Dibromofluoromethane	99	%	98	99	1.0	95	95	0.0	70 - 130	30	
% Toluene-d8	94	%	102	102	0.0	101	102	1.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Batch 622170 (ug/kg), QC Sample No: CL16389 (CL16701, CL16702, CL16703, CL16704, CL16705, CL16706, CL16707)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	5.0	101	101	0.0	85	85	0.0	70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	99	100	1.0	93	94	1.1	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	94	95	1.1	77	78	1.3	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	99	97	2.0	87	87	0.0	70 - 130	30	
1,1-Dichloroethane	ND	5.0	102	102	0.0	97	97	0.0	70 - 130	30	
1,1-Dichloroethene	ND	5.0	105	104	1.0	98	99	1.0	70 - 130	30	
1,1-Dichloropropene	ND	5.0	106	106	0.0	99	98	1.0	70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	99	101	2.0	42	39	7.4	70 - 130	30	m
1,2,3-Trichloropropane	ND	5.0	89	91	2.2	77	77	0.0	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	102	103	1.0	47	43	8.9	70 - 130	30	m
1,2,4-Trimethylbenzene	ND	1.0	101	102	1.0	77	74	4.0	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	106	102	3.8	74	74	0.0	70 - 130	30	
1,2-Dibromoethane	ND	5.0	96	97	1.0	84	84	0.0	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	99	100	1.0	63	62	1.6	70 - 130	30	m
1,2-Dichloroethane	ND	5.0	91	90	1.1	82	83	1.2	70 - 130	30	
1,2-Dichloropropane	ND	5.0	103	104	1.0	95	96	1.0	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	104	105	1.0	82	78	5.0	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	101	101	0.0	69	66	4.4	70 - 130	30	m
1,3-Dichloropropane	ND	5.0	97	98	1.0	88	88	0.0	70 - 130	30	

QA/QC Data

SDG I.D.: GCL16701

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,4-Dichlorobenzene	ND	5.0	101	103	2.0	68	64	6.1	70 - 130	30	m
1,4-dioxane	ND	100	103	106	2.9	95	107	11.9	70 - 130	30	
2,2-Dichloropropane	ND	5.0	103	108	4.7	100	101	1.0	70 - 130	30	
2-Chlorotoluene	ND	5.0	105	109	3.7	84	80	4.9	70 - 130	30	
2-Hexanone	ND	25	88	87	1.1	57	55	3.6	70 - 130	30	m
2-Isopropyltoluene	ND	5.0	106	106	0.0	78	73	6.6	70 - 130	30	
4-Chlorotoluene	ND	5.0	105	104	1.0	79	76	3.9	70 - 130	30	
4-Methyl-2-pentanone	ND	25	95	94	1.1	76	75	1.3	70 - 130	30	
Acetone	ND	10	69	71	2.9	54	57	5.4	70 - 130	30	l,m
Acrolein	ND	25	98	97	1.0	<10	10	NC	70 - 130	30	m
Acrylonitrile	ND	5.0	91	94	3.2	65	67	3.0	70 - 130	30	m
Benzene	ND	1.0	103	103	0.0	95	96	1.0	70 - 130	30	
Bromobenzene	ND	5.0	104	105	1.0	81	78	3.8	70 - 130	30	
Bromochloromethane	ND	5.0	96	98	2.1	90	92	2.2	70 - 130	30	
Bromodichloromethane	ND	5.0	98	98	0.0	87	88	1.1	70 - 130	30	
Bromoform	ND	5.0	93	95	2.1	73	73	0.0	70 - 130	30	
Bromomethane	ND	5.0	91	95	4.3	82	81	1.2	70 - 130	30	
Carbon Disulfide	ND	5.0	100	98	2.0	89	88	1.1	70 - 130	30	
Carbon tetrachloride	ND	5.0	98	98	0.0	92	93	1.1	70 - 130	30	
Chlorobenzene	ND	5.0	101	102	1.0	85	84	1.2	70 - 130	30	
Chloroethane	ND	5.0	107	106	0.9	100	100	0.0	70 - 130	30	
Chloroform	ND	5.0	94	95	1.1	90	91	1.1	70 - 130	30	
Chloromethane	ND	5.0	96	95	1.0	87	89	2.3	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	102	106	3.8	95	98	3.1	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	104	102	1.9	89	88	1.1	70 - 130	30	
Dibromochloromethane	ND	3.0	97	98	1.0	82	83	1.2	70 - 130	30	
Dibromomethane	ND	5.0	98	97	1.0	89	90	1.1	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	84	83	1.2	76	76	0.0	70 - 130	30	
Ethylbenzene	ND	1.0	105	106	0.9	93	88	5.5	70 - 130	30	
Hexachlorobutadiene	ND	5.0	109	110	0.9	61	51	17.9	70 - 130	30	m
Isopropylbenzene	ND	1.0	110	110	0.0	91	88	3.4	70 - 130	30	
m&p-Xylene	ND	2.0	101	102	1.0	88	84	4.7	70 - 130	30	
Methyl ethyl ketone	ND	5.0	84	80	4.9	69	66	4.4	70 - 130	30	m
Methyl t-butyl ether (MTBE)	ND	1.0	85	84	1.2	81	80	1.2	70 - 130	30	
Methylene chloride	ND	5.0	88	88	0.0	81	82	1.2	70 - 130	30	
Naphthalene	ND	5.0	102	102	0.0	53	49	7.8	70 - 130	30	m
n-Butylbenzene	ND	1.0	112	113	0.9	77	70	9.5	70 - 130	30	
n-Propylbenzene	ND	1.0	109	110	0.9	89	83	7.0	70 - 130	30	
o-Xylene	ND	2.0	102	103	1.0	87	86	1.2	70 - 130	30	
p-Isopropyltoluene	ND	1.0	108	110	1.8	80	74	7.8	70 - 130	30	
sec-Butylbenzene	ND	1.0	109	109	0.0	83	76	8.8	70 - 130	30	
Styrene	ND	5.0	103	103	0.0	82	80	2.5	70 - 130	30	
tert-butyl alcohol	ND	100	92	92	0.0	90	99	9.5	70 - 130	30	
tert-Butylbenzene	ND	1.0	107	108	0.9	85	80	6.1	70 - 130	30	
Tetrachloroethene	ND	5.0	108	106	1.9	94	91	3.2	70 - 130	30	
Tetrahydrofuran (THF)	ND	5.0	88	87	1.1	84	85	1.2	70 - 130	30	
Toluene	ND	1.0	106	105	0.9	96	94	2.1	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	106	106	0.0	99	99	0.0	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	103	102	1.0	84	86	2.4	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	106	105	0.9	77	78	1.3	70 - 130	30	
Trichloroethene	ND	5.0	104	104	0.0	97	97	0.0	70 - 130	30	
Trichlorofluoromethane	ND	5.0	101	100	1.0	94	94	0.0	70 - 130	30	
Trichlorotrifluoroethane	ND	5.0	96	95	1.0	86	87	1.2	70 - 130	30	

QA/QC Data

SDG I.D.: GCL16701

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Vinyl chloride	ND	5.0	106	106	0.0	98	99	1.0	70 - 130	30
% 1,2-dichlorobenzene-d4	97	%	102	101	1.0	101	101	0.0	70 - 130	30
% Bromofluorobenzene	98	%	99	99	0.0	99	98	1.0	70 - 130	30
% Dibromofluoromethane	101	%	99	99	0.0	97	96	1.0	70 - 130	30
% Toluene-d8	93	%	101	101	0.0	101	101	0.0	70 - 130	30

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

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

Phyllis Shiller, Laboratory Director
May 03, 2022

Tuesday, May 03, 2022

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

State: NY

Sample Criteria Exceedances Report

GCL16701 - BRUSSEE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CL16701	$8270SMRDP	Dibenzofuran	NY / 375-6.8 PCBs/Pesticides / Residential	36000	2700	14000	14000	ug/Kg
CL16701	$8270SMRDP	Dibenzofuran	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	36000	2700	7000	7000	ug/Kg
CL16701	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	79000	27000	1700	1700	ug/Kg
CL16701	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	100000	27000	1000	1000	ug/Kg
CL16701	$8270SMRDP	Phenol	NY / 375-6.8 Semivolatiles / Ground Water Protection	1500	270	330	330	ug/Kg
CL16701	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Ground Water Protection	88000	19000	22000	22000	ug/Kg
CL16701	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	110000	27000	1000	1000	ug/Kg
CL16701	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Ground Water Protection	60000	2700	8200	8200	ug/Kg
CL16701	$8270SMRDP	Naphthalene	NY / 375-6.8 Semivolatiles / Ground Water Protection	65000	2700	12000	12000	ug/Kg
CL16701	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	53000	2700	1700	1700	ug/Kg
CL16701	$8270SMRDP	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Ground Water Protection	1100	270	330	330	ug/Kg
CL16701	$8270SMRDP	Fluoranthene	NY / 375-6.8 Semivolatiles / Residential	310000	27000	100000	100000	ug/Kg
CL16701	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	110000	27000	1000	1000	ug/Kg
CL16701	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	53000	2700	1000	1000	ug/Kg
CL16701	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	60000	2700	500	500	ug/Kg
CL16701	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	79000	27000	1000	1000	ug/Kg
CL16701	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	11000	1900	330	330	ug/Kg
CL16701	$8270SMRDP	Phenanthrene	NY / 375-6.8 Semivolatiles / Residential	410000	27000	100000	100000	ug/Kg
CL16701	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	88000	19000	1000	1000	ug/Kg
CL16701	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	100000	27000	1000	1000	ug/Kg
CL16701	$8270SMRDP	Pyrene	NY / 375-6.8 Semivolatiles / Residential	260000	27000	100000	100000	ug/Kg
CL16701	$8270SMRDP	Fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	310000	27000	100000	100000	ug/Kg
CL16701	$8270SMRDP	Phenanthrene	NY / 375-6.8 Semivolatiles / Residential Restricted	410000	27000	100000	100000	ug/Kg
CL16701	$8270SMRDP	Pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	260000	27000	100000	100000	ug/Kg
CL16701	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	60000	2700	500	500	ug/Kg
CL16701	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	79000	27000	1000	1000	ug/Kg
CL16701	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	11000	1900	330	330	ug/Kg
CL16701	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential Restricted	110000	27000	3900	3900	ug/Kg
CL16701	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	100000	27000	1000	1000	ug/Kg
CL16701	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	53000	2700	3900	3900	ug/Kg
CL16701	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	88000	19000	1000	1000	ug/Kg
CL16701	$8270SMRDP	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100	270	330	330	ug/Kg
CL16701	$8270SMRDP	Acenaphthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	41000	2700	20000	20000	ug/Kg
CL16701	$8270SMRDP	Phenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1500	270	330	330	ug/Kg
CL16701	$8270SMRDP	Phenanthrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	410000	27000	100000	100000	ug/Kg
CL16701	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	100000	27000	1000	1000	ug/Kg
CL16701	$8270SMRDP	Naphthalene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	65000	2700	12000	12000	ug/Kg
CL16701	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	110000	27000	1000	1000	ug/Kg
CL16701	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	60000	2700	500	500	ug/Kg
CL16701	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	11000	1900	330	330	ug/Kg
CL16701	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	79000	27000	1000	1000	ug/Kg
CL16701	$8270SMRDP	Fluorene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	37000	2700	30000	30000	ug/Kg

Tuesday, May 03, 2022

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

State: NY

Sample Criteria Exceedances Report

GCL16701 - BRUSSEE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CL16701	$8270SMRDP	Fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	310000	27000	100000	100000	ug/Kg
CL16701	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	53000	2700	800	800	ug/Kg
CL16701	$8270SMRDP	Pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	260000	27000	100000	100000	ug/Kg
CL16701	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	88000	19000	1000	1000	ug/Kg
CL16701	$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	120	100	100	ug/kg
CL16701	$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	120	100	100	ug/kg
CL16701	AS-SM	Arsenic	NY / 375-6.8 Metals / Ground Water Protection	25.8	0.83	16	16	mg/Kg
CL16701	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential	25.8	0.83	16	16	mg/Kg
CL16701	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential Restricted	25.8	0.83	16	16	mg/Kg
CL16701	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	25.8	0.83	13	13	mg/Kg
CL16701	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	5.15	0.29	0.73	0.73	mg/Kg
CL16701	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	5.15	0.29	0.81	0.81	mg/Kg
CL16701	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	5.15	0.29	0.81	0.81	mg/Kg
CL16701	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	5.15	0.29	0.18	0.18	mg/Kg
CL16701	PB-SMDP	Lead	NY / 375-6.8 Metals / Ground Water Protection	1080	83	450	450	mg/Kg
CL16701	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	1080	83	400	400	mg/Kg
CL16701	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	1080	83	400	400	mg/Kg
CL16701	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	1080	83	63	63	mg/Kg
CL16702	$8260MADPR	Tetrachloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	1700	840	1300	1300	ug/Kg
CL16702	$8260MADPR	Tetrachloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	1700	840	1300	1300	ug/Kg
CL16702	$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	110	100	100	ug/kg
CL16702	$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	110	100	100	ug/kg
CL16702	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	1.86	0.13	0.73	0.73	mg/Kg
CL16702	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	1.86	0.13	0.81	0.81	mg/Kg
CL16702	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	1.86	0.13	0.81	0.81	mg/Kg
CL16702	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	1.86	0.13	0.18	0.18	mg/Kg
CL16702	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	339	0.8	63	63	mg/Kg
CL16703	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1800	280	1000	1000	ug/Kg
CL16703	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1600	280	1000	1000	ug/Kg
CL16703	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1800	280	1000	1000	ug/Kg
CL16703	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1600	200	1000	1000	ug/Kg
CL16703	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1500	280	1000	1000	ug/Kg
CL16703	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	1100	280	500	500	ug/Kg
CL16703	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1200	280	1000	1000	ug/Kg
CL16703	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1600	280	1000	1000	ug/Kg
CL16703	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	1600	280	1000	1000	ug/Kg
CL16703	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1600	200	1000	1000	ug/Kg
CL16703	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1100	280	500	500	ug/Kg
CL16703	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	1500	280	1000	1000	ug/Kg
CL16703	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100	280	500	500	ug/Kg

Tuesday, May 03, 2022

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

State: NY

Sample Criteria Exceedances Report

GCL16701 - BRUSSEE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CL16703	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1800	280	1000	1000	ug/Kg
CL16703	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1200	280	800	800	ug/Kg
CL16703	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1500	280	1000	1000	ug/Kg
CL16703	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1600	200	1000	1000	ug/Kg
CL16703	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1600	280	1000	1000	ug/Kg
CL16703	AS-SM	Arsenic	NY / 375-6.8 Metals / Ground Water Protection	18.4	0.74	16	16	mg/Kg
CL16703	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential	18.4	0.74	16	16	mg/Kg
CL16703	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential Restricted	18.4	0.74	16	16	mg/Kg
CL16703	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	18.4	0.74	13	13	mg/Kg
CL16703	CD-SM	Cadmium	NY / 375-6.8 Metals / Residential	2.70	0.37	2.5	2.5	mg/Kg
CL16703	CD-SM	Cadmium	NY / 375-6.8 Metals / Unrestricted Use Soil	2.70	0.37	2.5	2.5	mg/Kg
CL16703	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	2.27	0.15	0.73	0.73	mg/Kg
CL16703	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	2.27	0.15	0.81	0.81	mg/Kg
CL16703	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	2.27	0.15	0.81	0.81	mg/Kg
CL16703	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	2.27	0.15	0.18	0.18	mg/Kg
CL16703	PB-SMDP	Lead	NY / 375-6.8 Metals / Ground Water Protection	1220	74	450	450	mg/Kg
CL16703	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	1220	74	400	400	mg/Kg
CL16703	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	1220	74	400	400	mg/Kg
CL16703	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	1220	74	63	63	mg/Kg
CL16703	SE-SMDP	Selenium	NY / 375-6.8 Metals / Ground Water Protection	7.1	1.5	4	4	mg/Kg
CL16703	SE-SMDP	Selenium	NY / 375-6.8 Metals / Unrestricted Use Soil	7.1	1.5	3.9	3.9	mg/Kg
CL16704	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1900	290	1700	1700	ug/Kg
CL16704	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	2200	290	1000	1000	ug/Kg
CL16704	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	2200	290	1000	1000	ug/Kg
CL16704	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	1600	290	500	500	ug/Kg
CL16704	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	2200	290	1000	1000	ug/Kg
CL16704	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1700	290	1000	1000	ug/Kg
CL16704	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1900	290	1000	1000	ug/Kg
CL16704	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	2300	210	1000	1000	ug/Kg
CL16704	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	2200	290	1000	1000	ug/Kg
CL16704	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	2300	210	1000	1000	ug/Kg
CL16704	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	1900	290	1000	1000	ug/Kg
CL16704	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	2200	290	1000	1000	ug/Kg
CL16704	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1600	290	500	500	ug/Kg
CL16704	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1900	290	1000	1000	ug/Kg
CL16704	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1700	290	800	800	ug/Kg
CL16704	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2200	290	1000	1000	ug/Kg
CL16704	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2200	290	1000	1000	ug/Kg
CL16704	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1600	290	500	500	ug/Kg
CL16704	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2300	210	1000	1000	ug/Kg
CL16704	AS-SM	Arsenic	NY / 375-6.8 Metals / Ground Water Protection	20.8	0.80	16	16	mg/Kg

Tuesday, May 03, 2022

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

State: NY

Sample Criteria Exceedances Report

GCL16701 - BRUSSEE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CL16704	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential	20.8	0.80	16	16	mg/Kg
CL16704	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential Restricted	20.8	0.80	16	16	mg/Kg
CL16704	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	20.8	0.80	13	13	mg/Kg
CL16704	BA-SMDP	Barium	NY / 375-6.8 Metals / Ground Water Protection	1380	0.8	820	820	mg/Kg
CL16704	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential	1380	0.8	350	350	mg/Kg
CL16704	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential Restricted	1380	0.8	400	400	mg/Kg
CL16704	BA-SMDP	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	1380	0.8	350	350	mg/Kg
CL16704	CD-SM	Cadmium	NY / 375-6.8 Metals / Ground Water Protection	19.0	0.40	7.5	7.5	mg/Kg
CL16704	CD-SM	Cadmium	NY / 375-6.8 Metals / Residential	19.0	0.40	2.5	2.5	mg/Kg
CL16704	CD-SM	Cadmium	NY / 375-6.8 Metals / Residential Restricted	19.0	0.40	4.3	4.3	mg/Kg
CL16704	CD-SM	Cadmium	NY / 375-6.8 Metals / Unrestricted Use Soil	19.0	0.40	2.5	2.5	mg/Kg
CL16704	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	7.12	0.30	0.73	0.73	mg/Kg
CL16704	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	7.12	0.30	0.81	0.81	mg/Kg
CL16704	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	7.12	0.30	0.81	0.81	mg/Kg
CL16704	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	7.12	0.30	0.18	0.18	mg/Kg
CL16704	PB-SMDP	Lead	NY / 375-6.8 Metals / Ground Water Protection	4440	80	450	450	mg/Kg
CL16704	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	4440	80	400	400	mg/Kg
CL16704	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	4440	80	400	400	mg/Kg
CL16704	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	4440	80	63	63	mg/Kg
CL16705	$8260MADPR	Tetrachloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	18000	1400	1300	1300	ug/Kg
CL16705	$8260MADPR	Tetrachloroethene	NY / 375-6.8 Volatiles / Residential	18000	1400	5500	5500	ug/Kg
CL16705	$8260MADPR	Tetrachloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	18000	1400	1300	1300	ug/Kg
CL16705	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	4300	270	1000	1000	ug/Kg
CL16705	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	3100	270	1700	1700	ug/Kg
CL16705	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	4200	270	1700	1700	ug/Kg
CL16705	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	4800	270	1000	1000	ug/Kg
CL16705	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	3100	270	1000	1000	ug/Kg
CL16705	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	4800	270	1000	1000	ug/Kg
CL16705	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	4200	270	1000	1000	ug/Kg
CL16705	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	4700	190	1000	1000	ug/Kg
CL16705	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	550	190	330	330	ug/Kg
CL16705	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	3200	270	500	500	ug/Kg
CL16705	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	4300	270	1000	1000	ug/Kg
CL16705	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential Restricted	4800	270	3900	3900	ug/Kg
CL16705	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	3200	270	500	500	ug/Kg
CL16705	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	550	190	330	330	ug/Kg
CL16705	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	4200	270	1000	1000	ug/Kg
CL16705	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	4700	190	1000	1000	ug/Kg
CL16705	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	4300	270	1000	1000	ug/Kg
CL16705	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4200	270	1000	1000	ug/Kg
CL16705	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4700	190	1000	1000	ug/Kg

Tuesday, May 03, 2022

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

State: NY

Sample Criteria Exceedances Report

GCL16701 - BRUSSEE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CL16705	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4300	270	1000	1000	ug/Kg
CL16705	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	550	190	330	330	ug/Kg
CL16705	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4800	270	1000	1000	ug/Kg
CL16705	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3200	270	500	500	ug/Kg
CL16705	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3100	270	800	800	ug/Kg
CL16705	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	2.07	0.15	0.73	0.73	mg/Kg
CL16705	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	2.07	0.15	0.81	0.81	mg/Kg
CL16705	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	2.07	0.15	0.81	0.81	mg/Kg
CL16705	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	2.07	0.15	0.18	0.18	mg/Kg
CL16705	PB-SMDP	Lead	NY / 375-6.8 Metals / Ground Water Protection	538	0.7	450	450	mg/Kg
CL16705	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	538	0.7	400	400	mg/Kg
CL16705	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	538	0.7	400	400	mg/Kg
CL16705	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	538	0.7	63	63	mg/Kg
CL16706	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	0.99	0.03	0.73	0.73	mg/Kg
CL16706	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	0.99	0.03	0.81	0.81	mg/Kg
CL16706	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	0.99	0.03	0.81	0.81	mg/Kg
CL16706	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.99	0.03	0.18	0.18	mg/Kg
CL16706	PB-SMDP	Lead	NY / 375-6.8 Metals / Ground Water Protection	472	0.9	450	450	mg/Kg
CL16706	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	472	0.9	400	400	mg/Kg
CL16706	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	472	0.9	400	400	mg/Kg
CL16706	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	472	0.9	63	63	mg/Kg
CL16707	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.49	0.03	0.18	0.18	mg/Kg
CL16707	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	96.5	0.7	63	63	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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

May 03, 2022 SDG I.D.: GCL16701

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

SVOA Narration

CHEM07 04/26/22-1: CL16702, CL16703, CL16704, CL16705, CL16706, CL16707

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: Hexachlorobenzene 0.078 (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: Hexachlorobenzene 0.073 (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%.

CHEM19 04/26/22-1: CL16701

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

The following Initial Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.098 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet % deviation criteria: N-Nitrosodimethylamine 35%L (30%)
The following Continuing Calibration compounds did not meet Maximum % deviation criteria: None.

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

VOA Narration

CHEM14 04/26/22-2: CL16701, CL16702, CL16703, CL16704, CL16705, CL16706, CL16707

The following Initial Calibration compounds did not meet RSD% criteria: 1,2-Dibromo-3-chloropropane 21% (20%), Acetone 31% (20%), trans-1,4-dichloro-2-butene 21% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: Acetone 0.097 (0.1), Acrolein 0.040 (0.05)
The following Initial Calibration compounds did not meet minimum response factors: Acrolein 0.040 (0.05)

The following Continuing Calibration compounds did not meet recommended response factors: Acrolein 0.044 (0.05)
The following Continuing Calibration compounds did not meet minimum response factors: Acrolein 0.040 (0.05)

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

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

May 03, 2022

SDG I.D.: GCL16701

The samples in this delivery group were received at 1.7°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [ ] No [ ]

PHOENIX
Environmental Laboratories, Inc.

NY/NJ/PA CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 1.7 °C Pg 1 of 1

Contact Options:
[X] Phone: (631) 338-1749
[ ] Fax:
[X] Email: kbrussee@brusseecorp.com

Customer: Brussee Environmental (BEC)
Address: 14 Evans Lane
Miller Place NY

Project: 224 3rd Ave
Report to: BEC (Kevin Brussee)
Invoice to: BEC
QUOTE # :

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 4/25/22

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

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	5 VOCs 8270	VOCs 8260	RCRA Metals	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [X] methanol [X] H2O	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL NaOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
160701	SB1 (0-2)	S	4/25/22	0845	X	X	X		3	1									
160702	SB2 (3-5)	S	4/25/22	0915	X	X	X		3	1									
	~~SB3 (2-4)~~	~~S~~	~~4/25/22~~	~~0945~~	X	X	X		3	1									
160703	SB4 (1-3)	S	4/25/22	0945	X	X	X		3	1									
160704	SB5 (1-3)	S	4/25/22	1145	X	X	X		3	1									
160705	SB6 (0-2)	S	4/25/22	1015	X	X	X		3	1									
160706	SB7 (3-5)	S	4/25/22	1230	X	X	X		3	1									
160707	SB8 (2-4)	S	4/25/22	1315	X	X	X		3	1									

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	4/26/22	1301
	[signature]	4/26	1625

Comments, Special Requirements or Regulations:
SB3 (2-4) not submitted. Only run the other 7 samples listed above.

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

Turnaround:
[ ] 1 Day*
[ ] 2 Days*
[ ] 3 Days*
[X] 5 Days
[ ] 10 Days
[ ] Other
* SURCHARGE APPLIES

Data Package:
[ ] NJ Reduced Deliv. * [ ] Other
[ ] NY Enhanced (ASP B) *

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

NY
[ ] TOGS GW
[ ] CP-51 SOIL
[X] 375SCO Unrestricted Soil
[X] 375SCO Residential Soil
[X] 375SCO Residential Restricted Soil
[ ] 375SCO Commercial Soil
[ ] 375SCO Industrial Soil
[ ] Subpart 5 DW

PA
[ ] Clean Fill Limits
[ ] PA-GW
[ ] Reg Fill Limits
[ ] PA Soil Restricted
[ ] PA Soil non-restricted

State Samples Collected?
NY

PHOENIX
Environmental Laboratories, Inc.

Thursday, April 28, 2022

Attn: Mr Kevin Brussee
Brussee Environmental Corp
14 Evans Lane
Miller Place, NY 11764

Project ID: 224 3RD AVE
SDG ID: GCL16708
Sample ID#s: CL16708 - CL16710

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.

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.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

SDG Comments

April 28, 2022

SDG I.D.: GCL16708

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

1,4-dioxane:
1,4-dioxane does not meet GW criteria, this compound is analyzed by GC/MS method 522 or 8270SIM when this criteria needs to be met.

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Sample Id Cross Reference

April 28, 2022

SDG I.D.: GCL16708

Project ID: 224 3RD AVE

Client Id	Lab Id	Matrix
GW1	CL16708	GROUND WATER
GW2	CL16709	GROUND WATER
GW3	CL16710	GROUND WATER

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 28, 2022

FOR: Attn: Mr Kevin Brussee
Brussee Environmental Corp
14 Evans Lane
Miller Place, NY 11764

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/25/22	11:20
Location Code:	BRUSSEE	Received by:	CP	04/26/22	16:25
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL16708
Phoenix ID: CL16708

Project ID: 224 3RD AVE
Client ID: GW1

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
1,1,1-Trichloroethane	ND		5.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
1,1,2-Trichloroethane	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
1,1-Dichloroethane	ND		5.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
1,2,3-Trichloropropane	ND		0.25	0.25	ug/L	1	04/26/22	MH	SW8260C	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
1,2,4-Trimethylbenzene	0.30	J	1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND		0.50	0.50	ug/L	1	04/26/22	MH	SW8260C	
1,2-Dibromoethane	ND		0.25	0.25	ug/L	1	04/26/22	MH	SW8260C	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	04/26/22	MH	SW8260C	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
1,3,5-Trimethylbenzene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
2-Hexanone	ND		2.5	2.5	ug/L	1	04/26/22	MH	SW8260C	
2-Isopropyltoluene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	04/26/22	MH	SW8260C	

Project ID: 224 3RD AVE
Client ID: GW1

Phoenix I.D.: CL16708

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	3.6	JS	5.0	2.5	ug/L	1	04/26/22	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	04/26/22	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	04/26/22	MH	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	04/26/22	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Chloroform	2.2	J	5.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	04/26/22	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	04/26/22	MH	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	04/26/22	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	04/26/22	MH	SW8260C	
Naphthalene	1.1		1.0	1.0	ug/L	1	04/26/22	MH	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Tetrachloroethene	1.8		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	04/26/22	MH	SW8260C	1
Toluene	0.41	J	1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	04/26/22	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	04/26/22	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	98				%	1	04/26/22	MH	70 - 130 %	
% Bromofluorobenzene	94				%	1	04/26/22	MH	70 - 130 %	
% Dibromofluoromethane	89				%	1	04/26/22	MH	70 - 130 %	

Ver 1

Project ID: 224 3RD AVE
Client ID: GW1

Phoenix I.D.: CL16708

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	98			%	1	04/26/22	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100		ug/l	1	04/26/22	MH	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0		ug/L	1	04/26/22	MH	SW8260C
Acrolein	ND	5.0		ug/L	1	04/26/22	MH	SW8260C
Acrylonitrile	ND	5.0		ug/L	1	04/26/22	MH	SW8260C
Tert-butyl alcohol	ND	50		ug/L	1	04/26/22	MH	SW8260C

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.

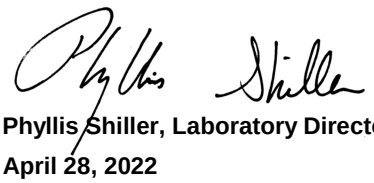
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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.

S - Laboratory solvent, contamination is possible.

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



Phyllis Shiller, Laboratory Director
April 28, 2022
Reviewed and Released by: Ethan Lee, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 28, 2022

FOR: Attn: Mr Kevin Brussee
Brussee Environmental Corp
14 Evans Lane
Miller Place, NY 11764

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/25/22	12:10
Location Code:	BRUSSEE	Received by:	CP	04/26/22	16:25
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL16708
Phoenix ID: CL16709

Project ID: 224 3RD AVE
Client ID: GW2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
1,1,1-Trichloroethane	ND		5.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
1,1,2-Trichloroethane	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
1,1-Dichloroethane	ND		5.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
1,2,3-Trichloropropane	ND		0.25	0.25	ug/L	1	04/26/22	MH	SW8260C	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
1,2,4-Trimethylbenzene	0.45	J	1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND		0.50	0.50	ug/L	1	04/26/22	MH	SW8260C	
1,2-Dibromoethane	ND		0.25	0.25	ug/L	1	04/26/22	MH	SW8260C	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	04/26/22	MH	SW8260C	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
1,3,5-Trimethylbenzene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
2-Hexanone	ND		2.5	2.5	ug/L	1	04/26/22	MH	SW8260C	
2-Isopropyltoluene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	04/26/22	MH	SW8260C	

Ver 1

Project ID: 224 3RD AVE
Client ID: GW2

Phoenix I.D.: CL16709

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	5.1	S	5.0	2.5	ug/L	1	04/26/22	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	04/26/22	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	04/26/22	MH	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	04/26/22	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Chloroform	1.3	J	5.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	04/26/22	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	04/26/22	MH	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	04/26/22	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	04/26/22	MH	SW8260C	
Naphthalene	2.0		1.0	1.0	ug/L	1	04/26/22	MH	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Tetrachloroethene	2.7		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	04/26/22	MH	SW8260C	1
Toluene	0.60	J	1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	04/26/22	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	04/26/22	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	04/26/22	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	100				%	1	04/26/22	MH	70 - 130 %	
% Bromofluorobenzene	96				%	1	04/26/22	MH	70 - 130 %	
% Dibromofluoromethane	94				%	1	04/26/22	MH	70 - 130 %	

Project ID: 224 3RD AVE
Client ID: GW2

Phoenix I.D.: CL16709

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	96			%	1	04/26/22	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100		ug/l	1	04/26/22	MH	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	1	04/26/22	MH	70 - 130 %
% Bromofluorobenzene	96			%	1	04/26/22	MH	70 - 130 %
% Dibromofluoromethane	94			%	1	04/26/22	MH	70 - 130 %
% Toluene-d8	96			%	1	04/26/22	MH	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0		ug/L	1	04/26/22	MH	SW8260C
Acrolein	ND	5.0		ug/L	1	04/26/22	MH	SW8260C
Acrylonitrile	ND	5.0		ug/L	1	04/26/22	MH	SW8260C
Tert-butyl alcohol	ND	50		ug/L	1	04/26/22	MH	SW8260C

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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:

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.

S - Laboratory solvent, contamination is possible.

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Phyllis Shiller, Laboratory Director
April 28, 2022
Reviewed and Released by: Ethan Lee, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 28, 2022

FOR: Attn: Mr Kevin Brussee
Brussee Environmental Corp
14 Evans Lane
Miller Place, NY 11764

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/25/22	13:40
Location Code:	BRUSSEE	Received by:	CP	04/26/22	16:25
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL16708
Phoenix ID: CL16710

Project ID: 224 3RD AVE
Client ID: GW3

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
1,1,1-Trichloroethane	ND		5.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
1,1,2-Trichloroethane	ND		1.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
1,1-Dichloroethane	ND		5.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
1,1-Dichloroethene	ND		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
1,1-Dichloropropene	ND		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
1,2,3-Trichlorobenzene	ND		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L	2	04/27/22	MH	SW8260C	
1,2,4-Trichlorobenzene	ND		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
1,2,4-Trimethylbenzene	0.60	J	2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND		1.0	1.0	ug/L	2	04/27/22	MH	SW8260C	
1,2-Dibromoethane	ND		0.50	0.50	ug/L	2	04/27/22	MH	SW8260C	
1,2-Dichlorobenzene	ND		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
1,2-Dichloroethane	ND		1.0	1.0	ug/L	2	04/27/22	MH	SW8260C	
1,2-Dichloropropane	ND		1.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
1,3,5-Trimethylbenzene	ND		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
1,3-Dichlorobenzene	ND		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
1,3-Dichloropropane	ND		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
1,4-Dichlorobenzene	ND		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
2,2-Dichloropropane	ND		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
2-Chlorotoluene	ND		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
2-Hexanone	ND		5.0	5.0	ug/L	2	04/27/22	MH	SW8260C	
2-Isopropyltoluene	ND		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	1
4-Chlorotoluene	ND		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
4-Methyl-2-pentanone	ND		5.0	5.0	ug/L	2	04/27/22	MH	SW8260C	

Project ID: 224 3RD AVE
Client ID: GW3

Phoenix I.D.: CL16710

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	7.5	JS	10	5.0	ug/L	2	04/27/22	MH	SW8260C	
Acrolein	ND		5.0	5.0	ug/L	2	04/27/22	MH	SW8260C	
Acrylonitrile	ND		5.0	5.0	ug/L	2	04/27/22	MH	SW8260C	
Benzene	ND		0.70	0.50	ug/L	2	04/27/22	MH	SW8260C	
Bromobenzene	ND		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
Bromochloromethane	ND		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
Bromodichloromethane	ND		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
Bromoform	ND		10	0.50	ug/L	2	04/27/22	MH	SW8260C	
Bromomethane	ND		5.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
Carbon Disulfide	ND		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
Carbon tetrachloride	ND		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
Chlorobenzene	ND		5.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
Chloroethane	ND		5.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
Chloroform	ND		7.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
Chloromethane	ND		5.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
cis-1,2-Dichloroethene	ND		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L	2	04/27/22	MH	SW8260C	
Dibromochloromethane	ND		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
Dibromomethane	ND		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
Dichlorodifluoromethane	ND		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
Ethylbenzene	ND		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.40	ug/L	2	04/27/22	MH	SW8260C	
Isopropylbenzene	ND		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
m&p-Xylene	ND		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
Methyl ethyl ketone	ND		5.0	5.0	ug/L	2	04/27/22	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
Methylene chloride	ND		5.0	2.0	ug/L	2	04/27/22	MH	SW8260C	
Naphthalene	2.2		2.0	2.0	ug/L	2	04/27/22	MH	SW8260C	
n-Butylbenzene	ND		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
n-Propylbenzene	ND		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
o-Xylene	ND		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
p-Isopropyltoluene	ND		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
sec-Butylbenzene	ND		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
Styrene	ND		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
tert-Butylbenzene	ND		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
Tetrachloroethene	2.8		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
Tetrahydrofuran (THF)	ND		10	5.0	ug/L	2	04/27/22	MH	SW8260C	1
Toluene	0.88	J	2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L	2	04/27/22	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		5.0	5.0	ug/L	2	04/27/22	MH	SW8260C	
Trichloroethene	ND		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
Trichlorofluoromethane	ND		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
Trichlorotrifluoroethane	ND		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
Vinyl chloride	ND		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4 (2x)	100				%	2	04/27/22	MH	70 - 130 %	
% Bromofluorobenzene (2x)	95				%	2	04/27/22	MH	70 - 130 %	
% Dibromofluoromethane (2x)	97				%	2	04/27/22	MH	70 - 130 %	

Ver 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (2x)	103			%	2	04/27/22	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	200		ug/l	2	04/27/22	MH	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4 (2x)	100			%	2	04/27/22	MH	70 - 130 %
% Bromofluorobenzene (2x)	95			%	2	04/27/22	MH	70 - 130 %
% Dibromofluoromethane (2x)	97			%	2	04/27/22	MH	70 - 130 %
% Toluene-d8 (2x)	103			%	2	04/27/22	MH	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	2.0		ug/L	2	04/27/22	MH	SW8260C
Acrolein	ND	5.0		ug/L	2	04/27/22	MH	SW8260C
Acrylonitrile	ND	5.0		ug/L	2	04/27/22	MH	SW8260C
Tert-butyl alcohol	ND	100		ug/L	2	04/27/22	MH	SW8260C

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:

Volatile Comment:
Elevated reporting limits due to the foamy nature of the sample.

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.

S - Laboratory solvent, contamination is possible.

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

Phyllis Shiller, Laboratory Director
April 28, 2022
Reviewed and Released by: Ethan Lee, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

April 28, 2022

QA/QC Data

SDG I.D.: GCL16708

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 622171 (ug/L), QC Sample No: CL16929 (CL16708, CL16709, CL16710 (2X))										
Volatiles - Ground Water										
1,1,1,2-Tetrachloroethane	ND	1.0	103	111	7.5				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	100	106	5.8				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	92	99	7.3				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	89	103	14.6				70 - 130	30
1,1-Dichloroethane	ND	1.0	95	103	8.1				70 - 130	30
1,1-Dichloroethene	ND	1.0	101	104	2.9				70 - 130	30
1,1-Dichloropropene	ND	1.0	104	109	4.7				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	89	100	11.6				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	91	98	7.4				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	91	102	11.4				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	103	106	2.9				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	90	98	8.5				70 - 130	30
1,2-Dibromoethane	ND	1.0	97	102	5.0				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	97	104	7.0				70 - 130	30
1,2-Dichloroethane	ND	1.0	90	100	10.5				70 - 130	30
1,2-Dichloropropane	ND	1.0	91	100	9.4				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	105	109	3.7				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	101	107	5.8				70 - 130	30
1,3-Dichloropropane	ND	1.0	96	104	8.0				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	99	106	6.8				70 - 130	30
1,4-dioxane	ND	100	96	100	4.1				70 - 130	30
2,2-Dichloropropane	ND	1.0	107	113	5.5				70 - 130	30
2-Chlorotoluene	ND	1.0	105	109	3.7				70 - 130	30
2-Hexanone	ND	5.0	79	86	8.5				70 - 130	30
2-Isopropyltoluene	ND	1.0	103	107	3.8				70 - 130	30
4-Chlorotoluene	ND	1.0	104	110	5.6				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	75	88	16.0				70 - 130	30
Acetone	ND	5.0	80	102	24.2				70 - 130	30
Acrolein	ND	5.0	93	108	14.9				70 - 130	30
Acrylonitrile	ND	5.0	88	91	3.4				70 - 130	30
Benzene	ND	0.70	98	105	6.9				70 - 130	30
Bromobenzene	ND	1.0	104	109	4.7				70 - 130	30
Bromochloromethane	ND	1.0	96	109	12.7				70 - 130	30
Bromodichloromethane	ND	0.50	92	103	11.3				70 - 130	30
Bromoform	ND	1.0	95	106	10.9				70 - 130	30
Bromomethane	ND	1.0	111	120	7.8				70 - 130	30
Carbon Disulfide	ND	1.0	92	98	6.3				70 - 130	30
Carbon tetrachloride	ND	1.0	99	106	6.8				70 - 130	30
Chlorobenzene	ND	1.0	101	107	5.8				70 - 130	30
Chloroethane	ND	1.0	100	102	2.0				70 - 130	30
Chloroform	ND	1.0	95	103	8.1				70 - 130	30

QA/QC Data

SDG I.D.: GCL16708

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Chloromethane	ND	1.0	86	94	8.9				70 - 130	30	
cis-1,2-Dichloroethene	ND	1.0	102	112	9.3				70 - 130	30	
cis-1,3-Dichloropropene	ND	0.40	92	103	11.3				70 - 130	30	
Dibromochloromethane	ND	0.50	100	107	6.8				70 - 130	30	
Dibromomethane	ND	1.0	92	105	13.2				70 - 130	30	
Dichlorodifluoromethane	ND	1.0	80	86	7.2				70 - 130	30	
Ethylbenzene	ND	1.0	107	111	3.7				70 - 130	30	
Hexachlorobutadiene	ND	0.40	99	105	5.9				70 - 130	30	
Isopropylbenzene	ND	1.0	108	110	1.8				70 - 130	30	
m&p-Xylene	ND	1.0	103	108	4.7				70 - 130	30	
Methyl ethyl ketone	ND	5.0	70	96	31.3				70 - 130	30	r
Methyl t-butyl ether (MTBE)	ND	1.0	86	98	13.0				70 - 130	30	
Methylene chloride	ND	1.0	80	88	9.5				70 - 130	30	
Naphthalene	ND	1.0	87	102	15.9				70 - 130	30	
n-Butylbenzene	ND	1.0	104	107	2.8				70 - 130	30	
n-Propylbenzene	ND	1.0	107	111	3.7				70 - 130	30	
o-Xylene	ND	1.0	101	107	5.8				70 - 130	30	
p-Isopropyltoluene	ND	1.0	106	109	2.8				70 - 130	30	
sec-Butylbenzene	ND	1.0	106	109	2.8				70 - 130	30	
Styrene	ND	1.0	102	109	6.6				70 - 130	30	
tert-butyl alcohol	ND	10	109	119	8.8				70 - 130	30	
tert-Butylbenzene	ND	1.0	105	109	3.7				70 - 130	30	
Tetrachloroethene	ND	1.0	99	108	8.7				70 - 130	30	
Tetrahydrofuran (THF)	ND	2.5	65	74	12.9				70 - 130	30	l
Toluene	ND	1.0	99	107	7.8				70 - 130	30	
trans-1,2-Dichloroethene	ND	1.0	100	106	5.8				70 - 130	30	
trans-1,3-Dichloropropene	ND	0.40	89	102	13.6				70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	87	96	9.8				70 - 130	30	
Trichloroethene	ND	1.0	103	109	5.7				70 - 130	30	
Trichlorofluoromethane	ND	1.0	102	109	6.6				70 - 130	30	
Trichlorotrifluoroethane	ND	1.0	94	99	5.2				70 - 130	30	
Vinyl chloride	ND	1.0	92	99	7.3				70 - 130	30	
% 1,2-dichlorobenzene-d4	97	%	97	98	1.0				70 - 130	30	
% Bromofluorobenzene	91	%	97	98	1.0				70 - 130	30	
% Dibromofluoromethane	91	%	93	96	3.2				70 - 130	30	
% Toluene-d8	98	%	98	99	1.0				70 - 130	30	

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

l = This parameter is outside laboratory LCS/LCSD 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

Phyllis Shiller, Laboratory Director
April 28, 2022

Thursday, April 28, 2022

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GCL16708 - BRUSSEE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CL16708	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CL16708	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CL16708	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CL16709	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CL16709	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CL16709	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CL16710	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.4	0.4	ug/L
CL16710	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.4	0.4	ug/L
CL16710	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.6	0.6	ug/L
CL16710	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.0006	0.0006	ug/L
CL16710	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
CL16710	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

April 28, 2022 SDG I.D.: GCL16708

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

VOA Narration

CHEM17 04/26/22-2: CL16708, CL16709, CL16710

Chem 17 is a 25ml purge instrument. The laboratory minimum response factor is set at 0.01 instead of 0.05 for the 25ml purge instruments. EPA method 8260D Table 4 supports this approach.

The following Initial Calibration compounds did not meet RSD% criteria: Acrylonitrile 22% (20%), Bromomethane 29% (20%), Methylene chloride 27% (20%), Tetrahydrofuran (THF) 24% (20%), trans-1,4-dichloro-2-butene 21% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: 1,2-Dibromo-3-chloropropane 0.028 (0.05), 2-Hexanone 0.059 (0.1), 4-Methyl-2-pentanone 0.096 (0.1), Acetone 0.042 (0.1), Acrolein 0.026 (0.05), Bromoform 0.074 (0.1), Methyl ethyl ketone 0.064 (0.1), Tetrahydrofuran (THF) 0.046 (0.05)
The following Initial Calibration compounds did not meet minimum response factors: 1,2-Dibromo-3-chloropropane 0.028 (0.05), Acetone 0.042 (0.05), Acrolein 0.026 (0.05), Tetrahydrofuran (THF) 0.046 (0.05)

The following Continuing Calibration compounds did not meet % deviation criteria: Tetrahydrofuran (THF) 33%L (30%)
The following Continuing Calibration compounds did not meet Maximum % deviation criteria: None.
The following Continuing Calibration compounds did not meet recommended response factors: 1,2-Dibromo-3-chloropropane 0.025 (0.05), 2-Hexanone 0.048 (0.05), Acetone 0.033 (0.05), Acrolein 0.026 (0.05), Acrylonitrile 0.048 (0.05), Tetrahydrofuran (THF) 0.031 (0.05)
The following Continuing Calibration compounds did not meet minimum response factors: 1,2-Dibromo-3-chloropropane 0.028 (0.05), 2-Hexanone 0.059 (0.05), Acetone 0.042 (0.05), Acrolein 0.026 (0.05), Acrylonitrile 0.058 (0.05), Tetrahydrofuran (THF) 0.046 (0.05)

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.
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

April 28, 2022

SDG I.D.: GCL16708

The samples in this delivery group were received at 1.7°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes [x] No [ ]
Coolant: IPK [x] ICE [ ] No [ ]

PHOENIX
Environmental Laboratories, Inc.

NY/NJ/PA CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 1.7 °C Pg 1 of 1

Contact Options:
[x] Phone: (631)358-1749
[ ] Fax:
[x] Email: kbrussee@brusseacorp.com

Customer: Brussee Environmental (BEC)
Address: 14 Evans Lane
Miller Place NY

Project: 224 3rd Ave
Report to: BEC (Kain Brussee)
Invoice to: BEC
QUOTE # :

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature _____ Date: 4/25/22

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

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [x] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL NaOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
16708	GW1	GW	4/25/22	1120	X					3							
16709	GW2	GW	4/25/22	1210	X					3							
16710	GW3	GW	4/25/22	1340	X					3							

Relinquished by:	Accepted by:	Date:	Time:
		4/26/22	1301
		4/26	1625

Comments, Special Requirements or Regulations:

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

Turnaround:
[ ] 1 Day*
[ ] 2 Days*
[ ] 3 Days*
[x] 5 Days
[ ] 10 Days
[ ] Other
* SURCHARGE APPLIES

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

Data Package:
[ ] NJ Reduced Deliv. *
[ ] Other
[ ] NY Enhanced (ASP B) *

NY
[x] TOGS GW
[ ] CP-51 SOIL
[ ] 375SCO Unrestricted Soil
[ ] 375SCO Residential Soil
[ ] 375SCO Residential Restricted Soil
[ ] 375SCO Commercial Soil
[ ] 375SCO Industrial Soil
[ ] Subpart 5 DW

PA
[ ] Clean Fill Limits
[ ] PA-GW
[ ] Reg Fill Limits
[ ] PA Soil Restricted
[ ] PA Soil non-restricted

State Samples Collected? _____