May 6, 2022

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

Re: Limited Phase II Investigation
558 Sackett Street, Brooklyn NY
Tax Map No. 3-433-14

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 26, 2022, in accordance with BEC's proposal, dated April 15, 2022.

Background
The Site consists of a single, rectangular-shaped, 0.15 acre (6,400 square foot) parcel located on the south side of Sackett Street between Nevins Street to the west and 3rd Avenue to the east in the Gowanus section of the Borough of Brooklyn, New York City, Kings County, New York. The Site is identified by the street address 558 Sackett Street (Figure 2). The property is currently developed with a vacant, 2-story, slab-on grade, brick warehouse/garage building with a roll-up garage door along Sackett Street, and a 1-story brick warehouse building (with a partial basement) currently converted into a residential/loft space. The buildings occupy the entire parcel footprint with the exception of a small 8 ft by 19 ft concrete-paved rear courtyard area accessible from the 2-story building. The Site fronts northeast along Sackett Street with a reported area of 6,400 SF.

A Phase I Environmental Site Assessment, prepared by BEC, and dated May 6, 2022. The following Site history was established: Prior to 1886, the Site was divided into three separate parcels. Each of the parcels was developed with a low-rise residential or retail building occupying approximately half of their respective lots, with several small outbuildings also present. By the late-1930s, the eastern parcel was redeveloped with a 1-story building occupying the entire parcel footprint and identified as a private garage. By 1950, the center parcel was developed with a 2-story occupying the entire parcel footprint and identified as a private garage. The eastern building was identified as an auto repair shop. The residence on the western lot was demolished in the mid- to late-1960s, with the center and eastern buildings both identified as auto repair shops. Between the early and mid-1980s, the western and central parcels were redeveloped with a single 2-story building identified as a warehouse. By 1988, this structure was identified as an auto repair shop.

The Phase I Report identified the following recognized environmental condition (REC) related to the historic use of the Site:

- 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 2-story building to identify possible anomalies indicative of an underground storage tank and performed a subsurface investigation within the 2-story building. Because the interior of the 1-story building was finished as a residential space, and the floor consisted of an elevated wooden platform, the GPR survey and subsurface investigation could not be performed within the 1-story building.

The subsurface investigation within the 2-story building consisted of 6 soil borings to collect 12 soil samples for laboratory analysis, the collection of 3 groundwater samples for laboratory analysis, and installation of 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 2-story warehouse building. The GPR survey was not preformed within the 1-story warehouse building due to the elevated wooden floor constructed across the majority of the building. No anomalies indicative of an underground storage tank were identified within the areas accessible by the ground penetrating radar surveying equipment.

BEC investigated the two vent pipes observed on the roof of the 1-story building. The larger diameter vent could be traced down the interior of the building's wall to a vault covered with a steel plate which contained an acid neutralization tank or sediment trap installed prior to the final sewer connection. The 2nd smaller diameter pipe could also be traced down the interior of the building's wall, but BEC was unable to identify a potential location for the tank likely associated with the vent pipe. BEC suspects the vent pipe may be associated with previously abandoned in place 275-gallon waste oil tank.

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 through SB4, SB6, and SB7) across the area of the 2-story building. Soil boring locations are shown on Figure 3.

At each boring location, soil samples were collected continuously from grade to a depth of 20 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).

Fill material (brown silty sand with gravel and brick fragments) was encountered across the Site from depths varying between 7 and 12 feet below grade. Groundwater was encountered at approximately 10 feet below grade. A smear zone of petroleum impacted soil was encountered at the groundwater table to approximately 6 ft below the groundwater table (10-16 ft below grade) within each of the soil borings. The petroleum impacted soil consisted of a grey/black stained soil with a strong odor and PID readings

as high as 15,000 ppmv. No visual, olfactory or PID detections indicative of petroleum contamination were encountered in these borings within soil above the water table. Soil boring logs are included as Attachment A.

BEC retained a total of twelve soil samples for laboratory analysis from the six soil borings. The samples retained from each soil boring included the interval which exhibited the highest PID reading and/or olfactory evidence of contamination from the petroleum impacted soil encountered at the water table, and a 2 ft interval from the fill material layer that exhibited the most evidence of disturbance. The samples collected included SB1(1-3) and SB1(8-10), SB2(2-4) and SB2(13-15), SB3(0-2) and SB3(10-12), SB4(3-5) and SB4(9-11), SB6(0-2) and SB6(8-10), and SB7(1-3) and SB7(11-13). Each of the 12 soil samples were submitted to Phoenix Environmental Laboratories, Inc., of Manchester, CT, a New York State-certified laboratory (No. 11301). The six soil samples collected from the historic fill layer were submitted for laboratory analysis of Resource Conservation and Recovery Act (RCRA) metals using USEPA Methods 6010 and 7471 only. The six soil samples collected from the petroleum impacted soil encountered at the water table were analyzed for volatile organic compounds (VOCs) using Environmental Protection Agency (EPA) Method 8260, semi-volatile organic compounds (SVOCs) using EPA Method 8270. 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.

Petroleum related VOCs were detected above Restricted Residential SCOs within soil samples SB2(13-15) and SB7(11-13). In addition, petroleum related VOCs were detected above Unrestricted Use SCOs within soil samples SB3(10-12), SB4(9-11), and SB6(8-10). The highest VOC detections were reported in soil sample SB2(13-15). Petroleum VOCs detected above Restricted Residential SCOs within soil sample SB2(13-15) include 1,2,4-trimethylbenzene (170,000 µg/Kg), 1,3,5-trimethylbenzene (85,000 µg/Kg), ethylbenzene (63,000 µg/Kg), and n-propylbenzene (100,000 µg/Kg).

SVOCs were detected above Restricted Residential SCOs within the SB7(11-13) soil sample, which included benz(a)anthracene (at 1,400 µg/Kg), benzo(a)pyrene (at 1,500 µg/Kg), indeno(1,2,3-cd)pyrene (at 640 µg/Kg), and naphthalene (at 170,000 µg/Kg).

The metals arsenic (max. of 19.6 mg/kg), barium (1,540 mg/kg), cadmium (max. of 14.5 mg/Kg), chromium (max. of 212 mg/Kg), lead (max. of 2,900 mg/Kg), and mercury (max. of 4.42 mg/Kg) were detected above Restricted Residential SCOs within four of the six 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-ft 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. No evidence of floating product was observed on the tubing or within the water purged from the wells. 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). Petroleum related VOCs were detected above GQS within all three groundwater samples. The highest VOC concentrations were within groundwater sample GW1 collected from the front of the 2-story building, and the lowest VOC concentrations were within groundwater sample GW3 located in the rear of the 2-story building.

VOCs detected above GQS included 1,2,4-trimethylbenzene (max. of 330 µg/L), 1,3,5-trimethylbenzene (max. of 130 µg/L), benzene (max. of 25 µg/L), ethylbenzene (max. of 200 µg/L), isopropylbenzene (max. of 54 µg/L), naphthalene (max. of 54 µg/L), n-butylbenzene (max. of 15 µg/L), n-propylbenzene (max. of 150 µg/L), o-xylene (at 5.1 µg/L), and sec-butylbenzene (max. of 11 µg/L).

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. Elevated concentrations of the VOCs acetone (ranging from 4,890 to 8,500 µg/m^3), methyl ethyl ketone (ranging from 3,270 to 6,630 µg/m^3), and tetrahydrofuran (ranging from 2,860 to 3,860 µg/m^3) were detected within each of the three soil vapor samples.

The chlorinated VOCs, tetrachloroethene (PCE) (ranging from 101 to 188 µg/m^3), and trichloroethene (TCE) (ranging from 16.4 to 720 µg/m^3) were detected at concentrations exceeding 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

The GPR survey could only be performed within the 2-story building. No anomalies indicative of an underground storage tank were encountered. Because the interior of the 1-story building was finished as a residential space and the floor consisted of an elevated wooden platform, the GPR survey could not be performed within the 1-story building. In addition, BEC was not able to perform any soil, groundwater or soil vapor sampling within the 1-story building.

A total of six soil borings were performed across the area of the 2-story building, and 12 soil samples were collected for laboratory analysis. Fill material (brown silty sand with gravel and brick fragments) was encountered at depths varying between 7 and 12 feet below grade. Groundwater was encountered at approximately 10 feet. Elevated concentrations of the metals arsenic (max. of 19.6 mg/kg), barium (1,540 mg/kg), cadmium (max. of 14.5 mg/Kg), chromium (max. of 212 mg/Kg), lead (max. of 2,900 mg/Kg), and mercury (max. of 4.42 mg/Kg) were detected above Restricted Residential SCOs within four of the six soil samples which will require special handling and disposal if excavated for redevelopment.

A smear zone of petroleum impacted soil was encountered at the groundwater table to approximately 6 ft below the groundwater table (10-16 ft below grade) within each of the soil borings. The petroleum impacted soil consisted of a grey/black stained soil with a strong odor and PID readings as high as 15,000 ppmv. No visual, olfactory or PID detections indicative of petroleum contamination were encountered in these borings within soil above the water table. Petroleum related VOCs were detected above GQS within all three groundwater samples. The highest VOC concentrations were within groundwater sample GW1 collected from the front of the 2-story building, and the lowest VOC concentrations were within groundwater sample GW3 located in the rear of the 2-story building. VOCs detected above GQS included 1,2,4-trimethylbenzene (max. of 330 µg/L), 1,3,5-trimethylbenzene (max. of 130 µg/L), benzene (max. of 25 µg/L), ethylbenzene (max. of 200 µg/L), isopropylbenzene (max. of 54 µg/L), naphthalene (max. of 54 µg/L), n-butylbenzene (max. of 15 µg/L), n-propylbenzene (max. of 150 µg/L), o-xylene (at 5.1 µg/L), and sec-butylbenzene (max. of 11 µg/L). Due to the significantly higher concentrations of naphthalene within several of the soil samples at the groundwater table, BEC suspects the smear zone of petroleum contamination at the groundwater interface is associated with the Fulton Municipal Works Former Manufactured Gas Plan (MGP) Site located on the opposite side of Sackett Street.

Elevated concentrations of the VOCs acetone (ranging from 4,890 to 8,500 µg/m^3), methyl ethyl ketone (ranging from 3,270 to 6,630 µg/m^3), and tetrahydrofuran (ranging from 2,860 to 3,860 µg/m^3) were detected within each of the three soil vapor samples. The chlorinated VOCs, tetrachloroethene (PCE) (ranging from 101 to 188 µg/m^3), and trichloroethene (TCE) (ranging from 16.4 to 720 µg/m^3) were detected at concentrations exceeding NYSDOH mitigation values.

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 Restricted Residential Soil Cleanup Objectives*	SB1		SB2		SB3		SB4		SB6		SB7	
			(8-10') bsg		(13-15') bsg		(10-12') bsg		(9-11') bsg		(8-10') bsg		(11-13') bsg	
			4/26/2022		4/26/2022		4/26/2022		4/26/2022		4/26/2022		4/26/2022	
			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
1,1,1,2-Tetrachloroethane			< 6.0	6.0	< 7200	7,200	< 1900	1,900	< 1300	1,300	< 1600	1,600	< 10000	10,000
1,1,1-Trichloroethane	680	100,000	< 6.0	6.0	< 720	720	< 680	680	< 680	680	< 680	680	< 1000	1,000
1,1,2,2-Tetrachloroethane			< 6.0	6.0	< 7200	7,200	< 1900	1,900	< 1300	1,300	< 1600	1,600	< 10000	10,000
1,1,2-Trichloroethane			< 6.0	6.0	< 7200	7,200	< 1900	1,900	< 1300	1,300	< 1600	1,600	< 10000	10,000
1,1-Dichloroethane	270	26,000	< 6.0	6.0	< 1400	1,400	< 380	380	< 270	270	< 330	330	< 2100	2,100
1,1-Dichloroethene	330	100,000	< 6.0	6.0	< 720	720	< 330	330	< 330	330	< 330	330	< 1000	1,000
1,1-Dichloropropene			< 6.0	6.0	< 7200	7,200	< 1900	1,900	< 1300	1,300	< 1600	1,600	< 10000	10,000
1,2,3-Trichlorobenzene			< 6.0	6.0	< 7200	7,200	< 1900	1,900	< 1300	1,300	< 1600	1,600	< 10000	10,000
1,2,3-Trichloropropane			< 6.0	6.0	< 7200	7,200	< 1900	1,900	< 1300	1,300	< 1600	1,600	< 10000	10,000
1,2,4-Trichlorobenzene			< 6.0	6.0	< 7200	7,200	< 1900	1,900	< 1300	1,300	< 1600	1,600	< 10000	10,000
1,2,4-Trimethylbenzene	3,600	52,000	< 6.0	6.0	**170,000**	7,200	**1,200**	1,100	< 1300	1,300	< 1600	1,600	**8,200**	3,600
1,2-Dibromo-3-chloropropane			< 6.0	6.0	< 7200	7,200	< 1900	1,900	< 1300	1,300	< 1600	1,600	< 10000	10,000
1,2-Dibromoethane			< 6.0	6.0	< 7200	7,200	< 1900	1,900	< 1300	1,300	< 1600	1,600	< 10000	10,000
1,2-Dichlorobenzene	1,100	100,000	< 6.0	6.0	< 1100	1,100	< 1100	1,100	< 1100	1,100	< 1100	1,100	< 1100	1,100
1,2-Dichloroethane	20	3,100	< 6.0	6.0	< 720	720	< 190	190	< 130	130	< 160	160	< 1000	1,000
1,2-Dichloropropane			< 6.0	6.0	< 7200	7,200	< 1900	1,900	< 1300	1,300	< 1600	1,600	< 10000	10,000
1,3,5-Trimethylbenzene	8,400	52,000	< 6.0	6.0	**85,000**	7,200	< 1900	1,900	< 1300	1,300	< 1600	1,600	**1,300**	8,400
1,3-Dichlorobenzene	2,400	49,000	< 6.0	6.0	< 2400	2,400	< 1900	1,900	< 1300	1,300	< 1600	1,600	< 2400	2,400
1,3-Dichloropropane			< 6.0	6.0	< 7200	7,200	< 1900	1,900	< 1300	1,300	< 1600	1,600	< 10000	10,000
1,4-Dichlorobenzene	1,800	13,000	< 6.0	6.0	< 1800	1,800	< 1800	1,800	< 1300	1,300	< 1600	1,600	< 1800	1,800
2,2-Dichloropropane			< 6.0	6.0	< 7200	7,200	< 1900	1,900	< 1300	1,300	< 1600	1,600	< 10000	10,000
2-Chlorotoluene			< 6.0	6.0	< 7200	7,200	< 1900	1,900	< 1300	1,300	< 1600	1,600	< 10000	10,000
2-Hexanone			< 30	30	< 36000	36,000	< 9500	9,500	< 6500	6,500	< 8200	8,200	< 52000	52,000
2-Isopropyltoluene			< 6.0	6.0	**980**	7,200	< 1900	1,900	**730**	650	**670**	660	< 10000	10,000
4-Chlorotoluene			< 6.0	6.0	< 7200	7,200	< 1900	1,900	< 1300	1,300	< 1600	1,600	< 10000	10,000
4-Methyl-2-pentanone			< 30	30	< 36000	36,000	< 9500	9,500	< 6500	6,500	< 8200	8,200	< 52000	52,000
Acetone	50	100,000	< 30	30	< 7200	7,200	< 1900	1,900	< 1300	1,300	< 1600	1,600	**11,000**	10,000
Acrylonitrile			< 12	12	< 14000	14,000	< 3800	3,800	< 2600	2,600	< 3300	3,300	< 21000	21,000
Benzene	60	4,800	< 6.0	6.0	**900**	720	< 190	190	< 130	130	< 160	160	< 1000	1,000
Bromobenzene			< 6.0	6.0	< 7200	7,200	< 1900	1,900	< 1300	1,300	< 1600	1,600	< 10000	10,000
Bromochloromethane			< 6.0	6.0	< 7200	7,200	< 1900	1,900	< 1300	1,300	< 1600	1,600	< 10000	10,000
Bromodichloromethane			< 6.0	6.0	< 7200	7,200	< 1900	1,900	< 1300	1,300	< 1600	1,600	< 10000	10,000
Bromoform			< 6.0	6.0	< 7200	7,200	< 1900	1,900	< 1300	1,300	< 1600	1,600	< 10000	10,000
Bromomethane			< 6.0	6.0	< 7200	7,200	< 1900	1,900	< 1300	1,300	< 1600	1,600	< 10000	10,000
Carbon Disulfide			< 6.0	6.0	< 7200	7,200	< 1900	1,900	< 1300	1,300	< 1600	1,600	< 10000	10,000
Carbon Tetrachloride	760	2,400	< 6.0	6.0	< 1400	1,400	< 760	760	< 760	760	< 760	760	< 2100	2,100
Chlorobenzene	1,100	100,000	< 6.0	6.0	< 1100	1,100	< 1100	1,100	< 1100	1,100	< 1100	1,100	< 1100	1,100
Chloroethane			< 6.0	6.0	< 7200	7,200	< 1900	1,900	< 1300	1,300	< 1600	1,600	< 10000	10,000
Chloroform	370	49,000	< 6.0	6.0	< 720	720	< 370	370	< 370	370	< 370	370	< 1000	1,000
Chloromethane			< 6.0	6.0	< 7200	7,200	< 1900	1,900	< 1300	1,300	< 1600	1,600	< 10000	10,000
cis-1,2-Dichloroethene	250	100,000	< 6.0	6.0	< 720	720	< 250	250	< 250	250	< 250	250	< 1000	1,000
cis-1,3-Dichloropropene			< 6.0	6.0	< 7200	7,200	< 1900	1,900	< 1300	1,300	< 1600	1,600	< 10000	10,000
Dibromochloromethane			< 6.0	6.0	< 7200	7,200	< 1900	1,900	< 1300	1,300	< 1600	1,600	< 10000	10,000
Dibromomethane			< 6.0	6.0	< 7200	7,200	< 1900	1,900	< 1300	1,300	< 1600	1,600	< 10000	10,000
Dichlorodifluoromethane			< 6.0	6.0	< 7200	7,200	< 1900	1,900	< 1300	1,300	< 1600	1,600	< 10000	10,000
Ethylbenzene	1,000	41,000	< 6.0	6.0	**63,000**	7,200	**1,400**	1,000	< 1000	1,000	< 1000	1,000	**8,900**	1,000
Hexachlorobutadiene			< 6.0	6.0	< 7200	7,200	< 1900	1,900	< 1300	1,300	< 1600	1,600	< 10000	10,000
Isopropylbenzene			< 6.0	6.0	**22,000**	7,200	**750**	1,900	**8,200**	1,300	**5,200**	1,600	**10,000**	9,400
m&p-Xylene			< 6.0	6.0	**80,000**	7,200	< 1900	1,900	< 1300	1,300	< 1600	1,600	< 10000	10,000
Methyl Ethyl Ketone	120	100,000	< 36	36	< 2900	2,900	< 760	760	< 520	520	< 660	660	< 4200	4,200
Methyl t-butyl ether (MTBE)	930	100,000	< 12	12	< 1400	1,400	< 930	930	< 930	930	< 930	930	< 2100	2,100
Methylene chloride	50	100,000	< 6.0	6.0	< 2900	2,900	< 760	760	< 520	520	< 660	660	< 4200	4,200
Naphthalene	12,000	100,000	< 6.0	6.0	**22,000**	7,200	**67,000**	9,500	< 1300	1,300	< 1600	1,600	**440,000**	42,000
n-Butylbenzene	12,000	100,000	< 6.0	6.0	**23,000**	7,200	< 1900	1,900	**11,000**	1,300	**7,600**	1,600	**4,900**	4,200
n-Propylbenzene	3,900	100,000	< 6.0	6.0	**100,000**	7,200	**930**	760	**32,000**	1,300	**28,000**	1,600	**18,000**	10,000
o-Xylene			< 6.0	6.0	< 7200	7,200	< 1900	1,900	< 1300	1,300	< 1600	1,600	< 10000	10,000
p-Isopropyltoluene			< 6.0	6.0	**3,400**	2,900	**210**	1,900	**230**	1,300	< 1600	1,600	**3,400**	10,000
sec-Butylbenzene	11,000	100,000	< 6.0	6.0	**12,000**	7,200	< 1900	1,900	**5,700**	1,300	**6,500**	1,600	**2,300**	10,000
Styrene			< 6.0	6.0	< 7200	7,200	< 1900	1,900	< 1300	1,300	< 1600	1,600	< 10000	10,000
tert-Butylbenzene	5,900	100,000	< 6.0	6.0	< 5900	5,900	< 1900	1,900	< 1300	1,300	< 1600	1,600	< 5900	5,900
Tetrachloroethene	1,300	19,000	< 6.0	6.0	< 1400	1,400	< 1300	1,300	< 1300	1,300	< 1300	1,300	< 2100	2,100
Tetrahydrofuran (THF)			< 12	12	< 14000	14,000	< 3800	3,800	< 2600	2,600	< 3300	3,300	< 21000	21,000
Toluene	700	100,000	< 6.0	6.0	< 720	720	< 700	700	< 700	700	< 700	700	< 1000	1,000
trans-1,2-Dichloroethene	190	100,000	< 6.0	6.0	< 720	720	< 190	190	< 190	190	< 190	190	< 1000	1,000
trans-1,3-Dichloropropene			< 6.0	6.0	< 7200	7,200	< 1900	1,900	< 1300	1,300	< 1600	1,600	< 10000	10,000
trans-1,4-dichloro-2-butene			< 12	12	< 14000	14,000	< 3800	3,800	< 2600	2,600	< 3300	3,300	< 21000	21,000
Trichloroethene	470	21,000	< 6.0	6.0	< 720	720	< 470	470	< 470	470	< 470	470	< 1000	1,000
Trichlorofluoromethane			< 6.0	6.0	< 7200	7,200	< 1900	1,900	< 1300	1,300	< 1600	1,600	< 10000	10,000
Trichlorotrifluoroethane			< 6.0	6.0	< 7200	7,200	< 1900	1,900	< 1300	1,300	< 1600	1,600	< 10000	10,000
Vinyl chloride	20	900	< 6.0	6.0	< 720	720	< 190	190	< 130	130	< 160	160	< 1000	1,000
Total CVOC Concentration			**0.0**		**0.0**		**0.0**		**0.0**		**0.0**		**0.0**	
Total BTEX Concentration			**0.0**		**143900.0**		**1400.0**		**0.0**		**0.0**		**8900.0**	
Total VOCs Concentration			**0.0**		**582,280.0**		**71,490.0**		**57,860.0**		**47,970.0**		**508,000.0**	

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 RRSCO Guidance Value
bsg = below surface 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 Restricted Residential Soil Cleanup Objectives*	SB1		SB2		SB3		SB4		SB6		SB7	
			(8-10') bsg		(13-15') bsg		(10-12') bsg		(9-11') bsg		(8-10') bsg		(11-13') bsg	
			4/26/2022		4/26/2022		4/26/2022		4/26/2022		4/26/2022		4/26/2022	
	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
1,2,4,5-Tetrachlorobenzene			< 240	240	< 260	260	< 280	280	< 270	270	< 280	280	< 490	490
1,2,4-Trichlorobenzene			< 240	240	< 260	260	< 280	280	< 270	270	< 280	280	< 490	490
1,2-Dichlorobenzene	1,100	100,000	< 240	240	< 260	260	< 280	280	< 270	270	< 280	280	< 490	490
1,2-Diphenylhydrazine			< 240	240	< 260	260	< 280	280	< 270	270	< 280	280	< 490	490
1,3-Dichlorobenzene	2,400	49,000	< 240	240	< 260	260	< 280	280	< 270	270	< 280	280	< 490	490
1,4-Dichlorobenzene	1,800	13,000	< 240	240	< 260	260	< 280	280	< 270	270	< 280	280	< 490	490
2,2'-Oxybis(1-Chloropropane)			< 240	240	< 260	260	< 280	280	< 270	270	< 280	280	< 490	490
2,4,5-Trichlorophenol			< 240	240	< 260	260	< 280	280	< 270	270	< 280	280	< 490	490
2,4,6-Trichlorophenol			< 170	170	< 190	190	< 200	200	< 200	200	< 200	200	< 350	350
2,4-Dichlorophenol			< 170	170	< 190	190	< 200	200	< 200	200	< 200	200	< 350	350
2,4-Dimethylphenol			< 240	240	< 260	260	< 280	280	< 270	270	< 280	280	< 490	490
2,4-Dinitrophenol			< 240	240	< 260	260	< 280	280	< 270	270	< 280	280	< 490	490
2,4-Dinitrotoluene			< 170	170	< 190	190	< 200	200	< 200	200	< 200	200	< 350	350
2,6-Dinitrotoluene			< 170	170	< 190	190	< 200	200	< 200	200	< 200	200	< 350	350
2-Chloronaphthalene			< 240	240	< 260	260	< 280	280	< 270	270	< 280	280	< 490	490
2-Chlorophenol			< 240	240	< 260	260	< 280	280	< 270	270	< 280	280	< 490	490
2-Methylnaphthalene			< 240	240	**610**	260	**19,000**	2,800	**2,100**	270	< 280	280	**57,000**	4,900
2-Methylphenol (o-cresol)	330	100,000	< 240	240	< 260	260	< 280	280	< 270	270	< 280	280	< 330	330
2-Nitroaniline			< 240	240	< 260	260	< 280	280	< 270	270	< 280	280	< 490	490
2-Nitrophenol			< 240	240	< 260	260	< 280	280	< 270	270	< 280	280	< 490	490
3&4-Methylphenol (m&p-cresol)			< 240	240	< 260	260	< 280	280	< 270	270	< 280	280	< 490	490
3,3'-Dichlorobenzidine			< 170	170	< 190	190	< 200	200	< 200	200	< 200	200	< 350	350
3-Nitroaniline			< 350	350	< 370	370	< 400	400	< 390	390	< 390	390	< 700	700
4,6-Dinitro-2-methylphenol			< 210	210	< 220	220	< 240	240	< 230	230	< 240	240	< 420	420
4-Bromophenyl phenyl ether			< 240	240	< 260	260	< 280	280	< 270	270	< 280	280	< 490	490
4-Chloro-3-methylphenol			< 240	240	< 260	260	< 280	280	< 270	270	< 280	280	< 490	490
4-Chloroaniline			< 280	280	< 300	300	< 320	320	< 310	310	< 320	320	< 560	560
4-Chlorophenyl phenyl ether			< 240	240	< 260	260	< 280	280	< 270	270	< 280	280	< 490	490
4-Nitroaniline			< 350	350	< 370	370	< 400	400	< 390	390	< 390	390	< 700	700
4-Nitrophenol			< 350	350	< 370	370	< 400	400	< 390	390	< 390	390	< 700	700
Acenaphthene	20,000	100,000	< 240	240	< 260	260	**6,200**	280	< 270	270	< 280	280	**24,000**	4,900
Acenaphthylene	100,000	100,000	< 240	240	< 260	260	< 280	280	< 270	270	< 280	280	**1,300**	490
Acetophenone			< 240	240	< 260	260	< 280	280	< 270	270	< 280	280	< 490	490
Aniline			< 280	280	< 300	300	< 320	320	< 310	310	< 320	320	< 560	560
Anthracene	100,000	100,000	< 240	240	< 260	260	**910**	280	< 270	270	< 280	280	**6,500**	490
Benz(a)anthracene	1,000	1,000	< 240	240	< 260	260	**390**	280	**220**	270	< 280	280	**1,400**	490
Benzidine			< 350	350	< 370	370	< 400	400	< 390	390	< 390	390	< 700	700
Benzo(a)pyrene	1,000	1,000	< 170	170	< 190	190	**350**	200	**240**	200	< 200	200	**1,500**	350
Benzo(b)fluoranthene	1,000	1,000	< 240	240	< 260	260	**150**	280	**220**	270	< 280	280	**680**	490
Benzo(ghi)perylene	100,000	100,000	< 240	240	< 260	260	**150**	280	**170**	270	< 280	280	**600**	490
Benzo(k)fluoranthene	800	3,900	< 240	240	< 260	260	**210**	280	**200**	270	< 280	280	**840**	490
Benzoic acid			< 1700	1,700	< 1900	1,900	< 2000	2,000	< 2000	2,000	< 2000	2,000	< 3500	3,500
Benzyl butyl phthalate			< 240	240	< 260	260	< 280	280	< 270	270	< 280	280	< 490	490
Bis(2-chloroethoxy)methane			< 240	240	< 260	260	< 280	280	< 270	270	< 280	280	< 490	490
Bis(2-chloroethyl)ether			< 170	170	< 190	190	< 200	200	< 200	200	< 200	200	< 350	350
Bis(2-ethylhexyl)phthalate			< 240	240	< 260	260	< 280	280	< 270	270	< 280	280	< 490	490
Carbazole			< 170	170	< 190	190	< 200	200	< 200	200	< 200	200	**810**	350
Chrysene	1,000	3,900	< 240	240	< 260	260	**390**	280	**290**	270	< 280	280	**1,500**	490
Dibenz(a,h)anthracene	330	330	< 170	170	< 190	190	< 200	200	< 200	200	< 200	200	< 330	330
Dibenzofuran	7,000	59,000	< 240	240	< 260	260	**170**	280	< 270	270	< 280	280	**1,000**	490
Diethyl phthalate			< 240	240	< 260	260	< 280	280	< 270	270	< 280	280	< 490	490
Dimethylphthalate			< 240	240	< 260	260	< 280	280	< 270	270	< 280	280	< 490	490
Di-n-butylphthalate			< 240	240	< 260	260	< 280	280	< 270	270	< 280	280	< 490	490
Di-n-octylphthalate			< 240	240	< 260	260	< 280	280	< 270	270	< 280	280	< 490	490
Fluoranthene	100,000	100,000	< 240	240	< 260	260	**710**	280	**610**	270	< 280	280	**3,500**	490
Fluorene	30,000	100,000	< 240	240	< 260	260	**2,000**	280	< 270	270	< 280	280	**9,400**	490
Hexachlorobenzene	330	1,200	< 170	170	< 190	190	< 200	200	< 200	200	< 200	200	< 330	330
Hexachlorobutadiene			< 240	240	< 260	260	< 280	280	< 270	270	< 280	280	< 490	490
Hexachlorocyclopentadiene			< 240	240	< 260	260	< 280	280	< 270	270	< 280	280	< 490	490
Hexachloroethane			< 170	170	< 190	190	< 200	200	< 200	200	< 200	200	< 350	350
Indeno(1,2,3-cd)pyrene	500	500	< 240	240	< 260	260	**160**	280	**180**	270	< 280	280	**640**	490
Isophorone			< 170	170	< 190	190	< 200	200	< 200	200	< 200	200	< 350	350
Naphthalene	12,000	100,000	< 240	240	**1,500**	260	**51,000**	2,800	**2,000**	270	< 280	280	**170,000**	49,000
Nitrobenzene			< 170	170	< 190	190	< 200	200	< 200	200	< 200	200	< 350	350
N-Nitrosodimethylamine			< 240	240	< 260	260	< 280	280	< 270	270	< 280	280	< 490	490
N-Nitrosodi-n-propylamine			< 170	170	< 190	190	< 200	200	< 200	200	< 200	200	< 350	350
N-Nitrosodiphenylamine			< 240	240	< 260	260	< 280	280	< 270	270	< 280	280	< 490	490
Pentachloronitrobenzene			< 240	240	< 260	260	< 280	280	< 270	270	< 280	280	< 490	490
Pentachlorophenol	800	6,700	< 210	210	< 220	220	< 240	240	< 230	230	< 240	240	< 420	420
Phenanthrene	100,000	100,000	< 240	240	< 260	260	**3,700**	280	**670**	270	< 280	280	**28,000**	4,900
Phenol	330	100,000	< 240	240	< 260	260	< 280	280	< 270	270	< 280	280	< 330	330
Pyrene	100,000	100,000	< 240	240	< 260	260	**1,100**	280	**520**	270	< 280	280	**4,700**	490
Pyridine			< 240	240	< 260	260	< 280	280	< 270	270	< 280	280	< 490	490
Total SVOCs			**0.0**		**2,110.0**		**86,590.0**		**7,420.0**		**0.0**		**313,370.0**	

Notes:

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

RL - Reporting Limit

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

bsg = below surface 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 Restricted Residential Soil Cleanup Objectives*	SB1		SB2		SB3		SB4		SB6		SB7	
			(1-3') bsg		(2-4') bsg		(0-2') bsg		(3-5') bsg		(0-2') bsg		(1-3') bsg	
			4/26/2022		4/26/2022		4/26/2022		4/26/2022		4/26/2022		4/26/2022	
			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
Arsenic	13	16	**7.02**	0.69	**19**	0.65	**6.54**	0.83	**19.6**	0.86	**12.3**	0.76	**4.4**	0.70
Barium	350	400	**162**	0.7	**911**	0.7	**108**	0.8	**1,540**	0.9	**440**	0.8	**188**	0.7
Cadmium	2.5	4.3	**2.02**	0.34	**14.5**	0.33	**0.83**	0.41	**11.1**	0.43	**2.57**	0.38	**1.21**	0.35
Chromium	30	180	**19.5**	0.34	**212**	3.3	**15.9**	0.41	**84.2**	0.43	**46.5**	0.38	**21.8**	0.35
Lead	63	400	**512**	0.7	**2,900**	6.5	**625**	0.8	**2,280**	86	**713**	0.8	**118**	0.7
Mercury	0.18	0.81	**1.99**	0.14	**4.42**	0.13	**1.69**	0.15	**3.05**	0.15	**0.79**	0.03	**0.17**	0.03
Selenium	3.9	180	< 1.4	1.4	< 1.3	1.3	< 1.7	1.7	**2.1**	1.7	< 1.5	1.5	< 1.4	1.4
Silver	2	180	**0.34**	0.34	**1.31**	0.33	< 0.41	0.41	**9.5**	0.43	**2.82**	0.38	< 0.35	0.35

Notes:
* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
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Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value
bsg = below surface grade.

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

Compound	NYSDEC Groundwater Quality Standards	GW1		GW2		GW3	
		4/26/2022		4/26/2022		4/26/2022	
		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	< 5.0	5.0	< 2.0	2.0	< 2.0	2.0
1,1,2-Trichloroethane	1	< 1.3	1.3	< 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	< 5.0	5.0	< 2.0	2.0	< 2.0	2.0
1,1-Dichloropropene	5	< 5.0	5.0	< 2.0	2.0	< 2.0	2.0
1,2,3-Trichlorobenzene		< 5.0	5.0	< 2.0	2.0	< 2.0	2.0
1,2,3-Trichloropropane	0.04	< 1.3	1.3	< 0.50	0.50	< 0.50	0.50
1,2,4-Trichlorobenzene		< 5.0	5.0	< 2.0	2.0	< 2.0	2.0
1,2,4-Trimethylbenzene	5	**330**	20	**200**	20	**54**	20
1,2-Dibromo-3-chloropropane	0.04	< 2.5	2.5	< 1.0	1.0	< 1.0	1.0
1,2-Dibromoethane	0.0006	< 1.3	1.3	< 0.50	0.50	< 0.50	0.50
1,2-Dichlorobenzene		< 4.7	4.7	< 2.0	2.0	< 2.0	2.0
1,2-Dichloroethane	0.6	< 2.5	2.5	< 1.0	1.0	< 1.0	1.0
1,2-Dichloropropane	1	< 1.3	1.3	< 1.0	1.0	< 1.0	1.0
1,3,5-Trimethylbenzene	5	**130**	20	**81**	20	**29**	2.0
1,3-Dichlorobenzene	3	< 3.0	3.0	< 2.0	2.0	< 2.0	2.0
1,3-Dichloropropane	5	< 5.0	5.0	< 2.0	2.0	< 2.0	2.0
1,4-Dichlorobenzene		< 5.0	5.0	< 2.0	2.0	< 2.0	2.0
2,2-Dichloropropane	5	< 5.0	5.0	< 2.0	2.0	< 2.0	2.0
2-Chlorotoluene	5	< 5.0	5.0	< 2.0	2.0	< 2.0	2.0
2-Hexanone	50	< 13	13	< 5.0	5.0	< 5.0	5.0
2-Isopropyltoluene	5	< 5.0	5.0	**1.1**	2.0	< 2.0	2.0
4-Chlorotoluene	5	< 5.0	5.0	< 2.0	2.0	< 2.0	2.0
4-Methyl-2-pentanone		< 13	13	< 5.0	5.0	< 5.0	5.0
Acetone	50	< 25	25	< 10	10	< 10	10
Benzene	1	**25**	3.5	**14**	1.4	**4.3**	1.4
Bromobenzene	5	< 5.0	5.0	< 2.0	2.0	< 2.0	2.0
Bromochloromethane	5	< 5.0	5.0	< 2.0	2.0	< 2.0	2.0
Bromodichloromethane	50	< 5.0	5.0	< 2.0	2.0	< 2.0	2.0
Bromoform	50	< 25	25	< 10	10	< 10	10
Bromomethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbon Disulfide		< 5.0	5.0	< 2.0	2.0	< 2.0	2.0
Carbon tetrachloride	5	< 5.0	5.0	< 2.0	2.0	< 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	< 7.0	7.0	< 7.0	7.0	< 7.0	7.0
Chloromethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
cis-1,2-Dichloroethene	5	< 5.0	5.0	< 2.0	2.0	< 2.0	2.0
cis-1,3-Dichloropropene	0.4	< 1.3	1.3	< 0.50	0.50	< 0.50	0.50
Dibromochloromethane	50	< 5.0	5.0	< 2.0	2.0	< 2.0	2.0
Dibromomethane	5	< 5.0	5.0	< 2.0	2.0	< 2.0	2.0
Dichlorodifluoromethane	5	< 5.0	5.0	< 2.0	2.0	< 2.0	2.0
Ethylbenzene	5	**200**	20	**110**	20	**39**	2.0
Hexachlorobutadiene	0.5	< 1.0	1.0	< 0.50	0.50	< 0.50	0.50
Isopropylbenzene	5	**54**	5.0	**40**	2.0	**10**	2.0
m&p-Xylene		**260**	20	**150**	20	**51**	2.0
Methyl ethyl ketone	50	< 13	13	< 5.0	5.0	< 5.0	5.0
Methyl t-butyl ether (MTBE)		< 5.0	5.0	< 2.0	2.0	< 2.0	2.0
Methylene chloride	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Naphthalene	10	**54**	5.0	**38**	2.0	**8.3**	2.0
n-Butylbenzene	5	**15**	5.0	**14**	2.0	**5.1**	2.0
n-Propylbenzene	5	**150**	20	**100**	20	**37**	2.0
o-Xylene	5	**5.1**	5.0	**3.4**	2.0	**0.89**	2.0
p-Isopropyltoluene	5	**1.8**	5.0	**2.3**	2.0	**0.85**	2.0
sec-Butylbenzene	5	**11**	5.0	**10**	2.0	**3.4**	2.0
Styrene	5	< 5.0	5.0	< 2.0	2.0	< 2.0	2.0
tert-Butylbenzene	5	< 5.0	5.0	< 2.0	2.0	< 2.0	2.0
Tetrachloroethene	5	< 5.0	5.0	< 2.0	2.0	< 2.0	2.0
Tetrahydrofuran (THF)	50	< 25	25	< 10	10	< 10	10
Toluene	5	**3.6**	5.0	**2.1**	2.0	**0.67**	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	< 1.3	1.3	< 0.50	0.50	< 0.50	0.50
trans-1,4-dichloro-2-butene	5	< 13	13	< 5.0	5.0	< 5.0	5.0
Trichloroethene	5	< 5.0	5.0	< 2.0	2.0	< 2.0	2.0
Trichlorofluoromethane	5	< 5.0	5.0	< 2.0	2.0	< 2.0	2.0
Trichlorotrifluoroethane	5	< 5.0	5.0	< 2.0	2.0	< 2.0	2.0
Vinyl chloride	2	< 2.0	2.0	**0.6**	2.0	< 2.0	2.0
1,1,1,2-Tetrachloroethane	5	< 5.0	5.0	< 2.0	2.0	< 2.0	2.0
Acrolein	5	< 13	13	< 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		< 250	250	< 100	100	< 100	100

Notes:

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

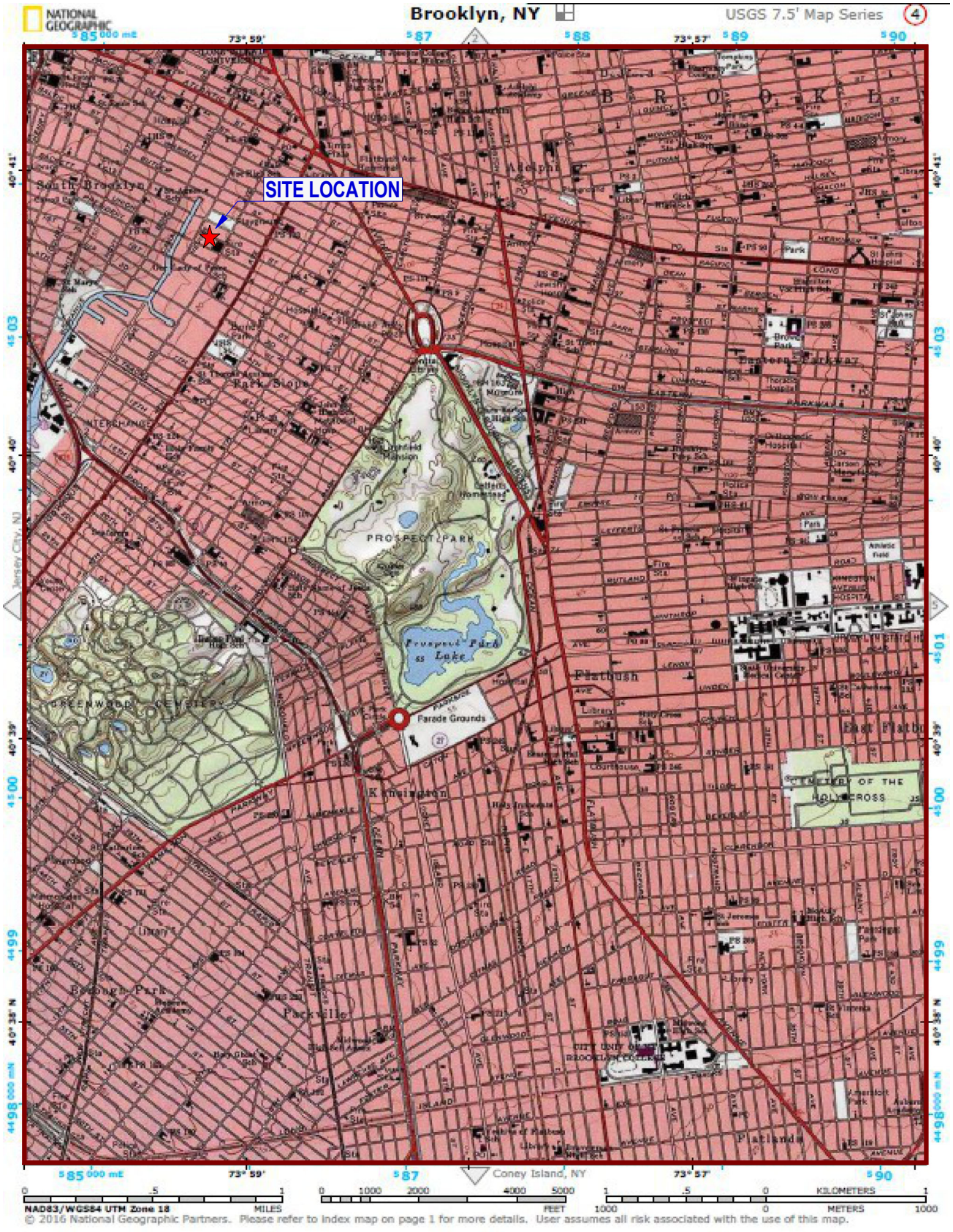
Bold Only - Indicates concentration above reporting limit but below the NYSDEC Groundwater Standard

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

COMPOUNDS	NYSDOH Maximum Sub-Slab Value ($\mu g/m^3$) [a]	NYSDOH Soil Outdoor Background Levels ($\mu g/m^3$) [b]	SV1		SV2		SV3	
			4/26/2022		4/26/2022		4/26/2022	
			µg/m³		µg/m³		µg/m³	
			Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			< 5.00	5.00	< 74.8	74.8	< 5.00	5.00
1,1,1-Trichloroethane	100	<2.0 - 2.8	**17.3**	5.00	< 75.2	75.2	**11**	5.00
1,1,2,2-Tetrachloroethane		<1.5	< 5.00	5.00	< 74.8	74.8	< 5.00	5.00
1,1,2-Trichloroethane		<1.0	< 5.00	5.00	< 75.2	75.2	< 5.00	5.00
1,1-Dichloroethane		<1.0	< 5.02	5.02	< 74.8	74.8	< 5.02	5.02
1,1-Dichloroethene		<1.0	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00
1,2,4-Trichlorobenzene		NA	< 5.00	5.00	< 74.9	74.9	< 5.00	5.00
1,2,4-Trimethylbenzene		<1.0	< 5.01	5.01	< 75.2	75.2	< 5.01	5.01
1,2-Dibromoethane(EDB)		<1.5	< 5.00	5.00	< 75.0	75.0	< 5.00	5.00
1,2-Dichlorobenzene		<2.0	< 5.00	5.00	< 75.1	75.1	< 5.00	5.00
1,2-Dichloroethane		<1.0	< 5.02	5.02	< 74.8	74.8	< 5.02	5.02
1,2-dichloropropane			< 4.99	4.99	< 74.8	74.8	< 4.99	4.99
1,2-Dichlorotetrafluoroethane			< 5.00	5.00	< 74.8	74.8	< 5.00	5.00
1,3,5-Trimethylbenzene		<1.0	< 5.01	5.01	< 75.2	75.2	< 5.01	5.01
1,3-Butadiene		NA	< 5.00	5.00	< 74.9	74.9	< 5.00	5.00
1,3-Dichlorobenzene		<2.0	< 5.00	5.00	< 75.1	75.1	< 5.00	5.00
1,4-Dichlorobenzene		NA	< 5.00	5.00	< 75.1	75.1	< 5.00	5.00
1,4-Dioxane			< 5.01	5.01	< 74.9	74.9	< 5.01	5.01
2-Hexanone(MBK)			< 4.99	4.99	< 74.9	74.9	< 4.99	4.99
4-Ethyltoluene		NA	< 5.01	5.01	< 75.2	75.2	< 5.01	5.01
4-Isopropyltoluene			< 5.00	5.00	< 75.2	75.2	< 5.00	5.00
4-Methyl-2-pentanone(MIBK)			**17.7**	4.99	< 74.9	74.9	< 4.99	4.99
Acetone		NA	**4,890**	75.0	**8,500**	75.0	**8,430**	150
Acrylonitrile			< 5.01	5.01	< 75.0	75.0	< 5.01	5.01
Benzene		<1.6 - 4.7	**11.2**	5.01	< 75.0	75.0	< 5.01	5.01
Benzyl chloride		NA	< 5.00	5.00	< 75.0	75.0	< 5.00	5.00
Bromodichloromethane		<5.0	< 5.00	5.00	< 75.0	75.0	< 5.00	5.00
Bromoform		<1.0	< 5.00	5.00	< 75.0	75.0	< 5.00	5.00
Bromomethane		<1.0	< 5.01	5.01	< 74.9	74.9	< 5.01	5.01
Carbon Disulfide		NA	**7.72**	5.01	< 75.0	75.0	**53.5**	5.01
Carbon Tetrachloride	5	<3.1	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00
Chlorobenzene		<2.0	< 5.01	5.01	< 75.0	75.0	< 5.01	5.01
Chloroethane		NA	< 5.01	5.01	< 74.9	74.9	< 5.01	5.01
Chloroform		<2.4	**16.2**	4.98	< 75.1	75.1	< 4.98	4.98
Chloromethane		<1.0 - 1.4	< 4.99	4.99	< 74.9	74.9	< 4.99	4.99
Cis-1,2-Dichloroethene		<1.0	**1.96**	1.00	< 15.0	15.0	**1.64**	1.00
cis-1,3-Dichloropropene		NA	< 4.99	4.99	< 74.8	74.8	< 4.99	4.99
Cyclohexane		NA	< 4.99	4.99	< 75.0	75.0	< 4.99	4.99
Dibromochloromethane			< 5.00	5.00	< 75.0	75.0	< 5.00	5.00
Dichlorodifluoromethane		<5.0	< 4.99	4.99	< 75.1	75.1	< 4.99	4.99
Ethanol			**217**	5.01	**271**	74.9	**124**	5.01
Ethyl acetate		NA	< 5.01	5.01	**519**	74.9	< 5.01	5.01
Ethylbenzene		<4.3	**5.16**	4.99	< 75.1	75.1	**5.03**	4.99
Heptane		NA	**250**	5.00	< 75.0	75.0	**26.9**	5.00
Hexachlorobutadiene		NA	< 5.00	5.00	< 75.0	75.0	< 5.00	5.00
Hexane		<1.5	**564**	5.00	< 75.0	75.0	**28.5**	5.00
Isopropylalcohol		NA	**64.1**	5.01	< 74.9	74.9	**17.1**	5.01
Isopropylbenzene			**5.7**	5.01	< 75.2	75.2	**6.58**	5.01
m,p-Xylene		<4.3	**16.2**	4.99	< 75.1	75.1	**14.9**	4.99
Methyl Ethyl Ketone			**3,270**	74.9	**6,630**	74.9	**5,780**	74.9
Methyl tert-butyl ether(MTBE)		NA	< 5.01	5.01	< 74.9	74.9	< 5.01	5.01
Methylene Chloride		<3.4	**98.6**	15.0	< 225	225	< 15.0	15.0
n-Butylbenzene			< 5.00	5.00	< 75.2	75.2	< 5.00	5.00
o-Xylene		<4.3	**5.16**	4.99	< 75.1	75.1	< 4.99	4.99
Propylene		NA	< 5.01	5.01	< 75.0	75.0	**23.7**	5.01
sec-Butylbenzene			< 5.00	5.00	< 75.2	75.2	< 5.00	5.00
Styrene		<1.0	< 4.98	4.98	< 74.9	74.9	< 4.98	4.98
Tetrachloroethene	30		**158**	1.25	**101**	18.8	**188**	1.25
Tetrahydrofuran		NA	**2,860**	74.9	**3,860**	74.9	**4,360**	74.9
Toluene		1.0 - 6.1	**332**	5.01	**186**	74.9	**407**	5.01
Trans-1,2-Dichloroethene		NA	< 4.99	4.99	< 74.9	74.9	< 4.99	4.99
trans-1,3-Dichloropropene		NA	< 4.99	4.99	< 74.8	74.8	< 4.99	4.99
Trichloroethene	5	<1.7	**720**	0.99	**51.6**	14.9	**16.4**	0.99
Trichlorofluoromethane		NA	< 5.00	5.00	< 75.2	75.2	< 5.00	5.00
Trichlorotrifluoroethane			< 5.00	5.00	< 75.0	75.0	< 5.00	5.00
Vinyl Chloride		<1.0	< 1.00	1.00	< 14.9	14.9	< 1.00	1.00
BTEX			**369.72**		**186.00**		**426.93**	
Total VOCs			**13528.00**		**20118.60**		**19494.25**	
Total CVOCs			**1012.06**		**152.60**		**217.04**	

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.

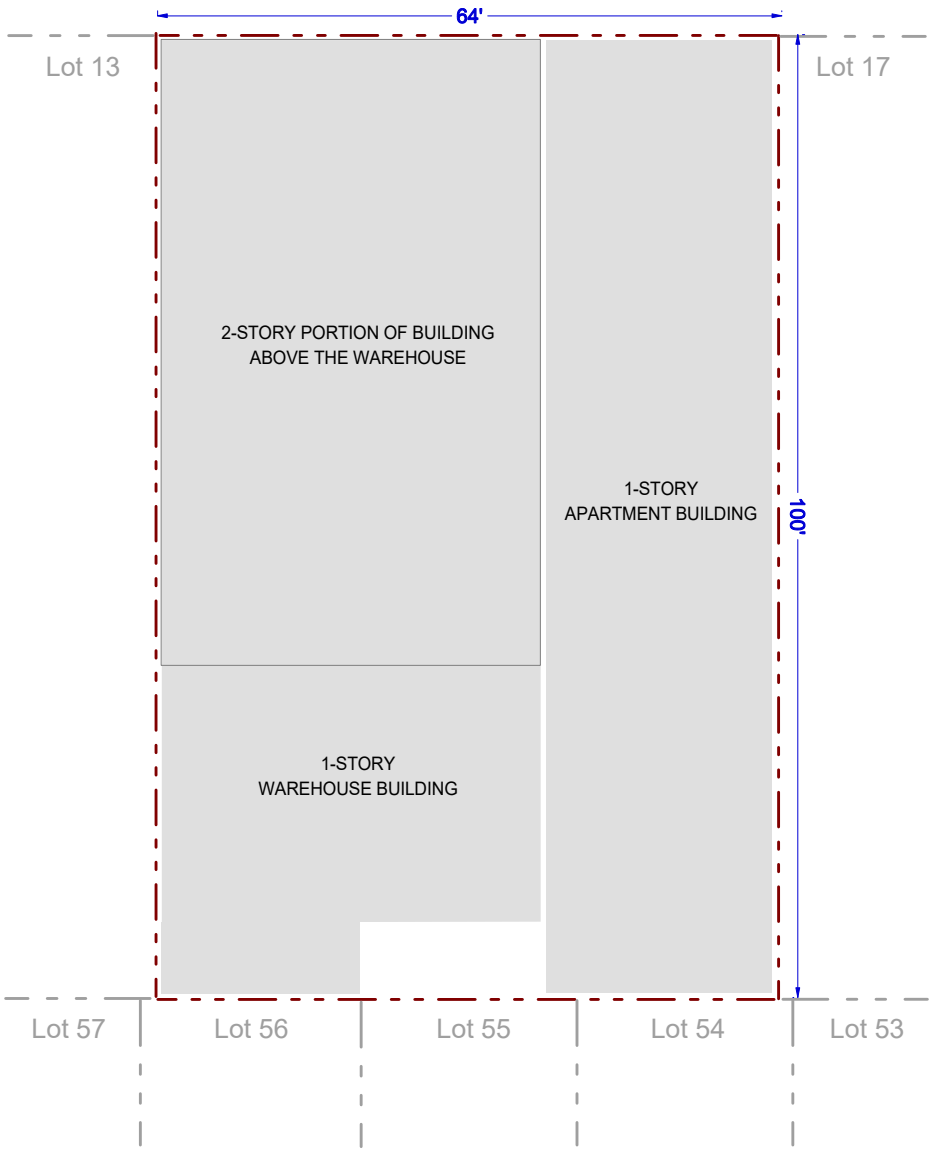
FIGURES



BRUSSEE Environmental Corp. PHONE: 631.338.1749	*Figure* **1**	Site Name: REDEVELOPMENT PROJECT Site Address: 558 SACKETT STREET, BROOKLYN, NY 11217 Drawing Title: SITE LOCATION MAP

SACKETT STREET

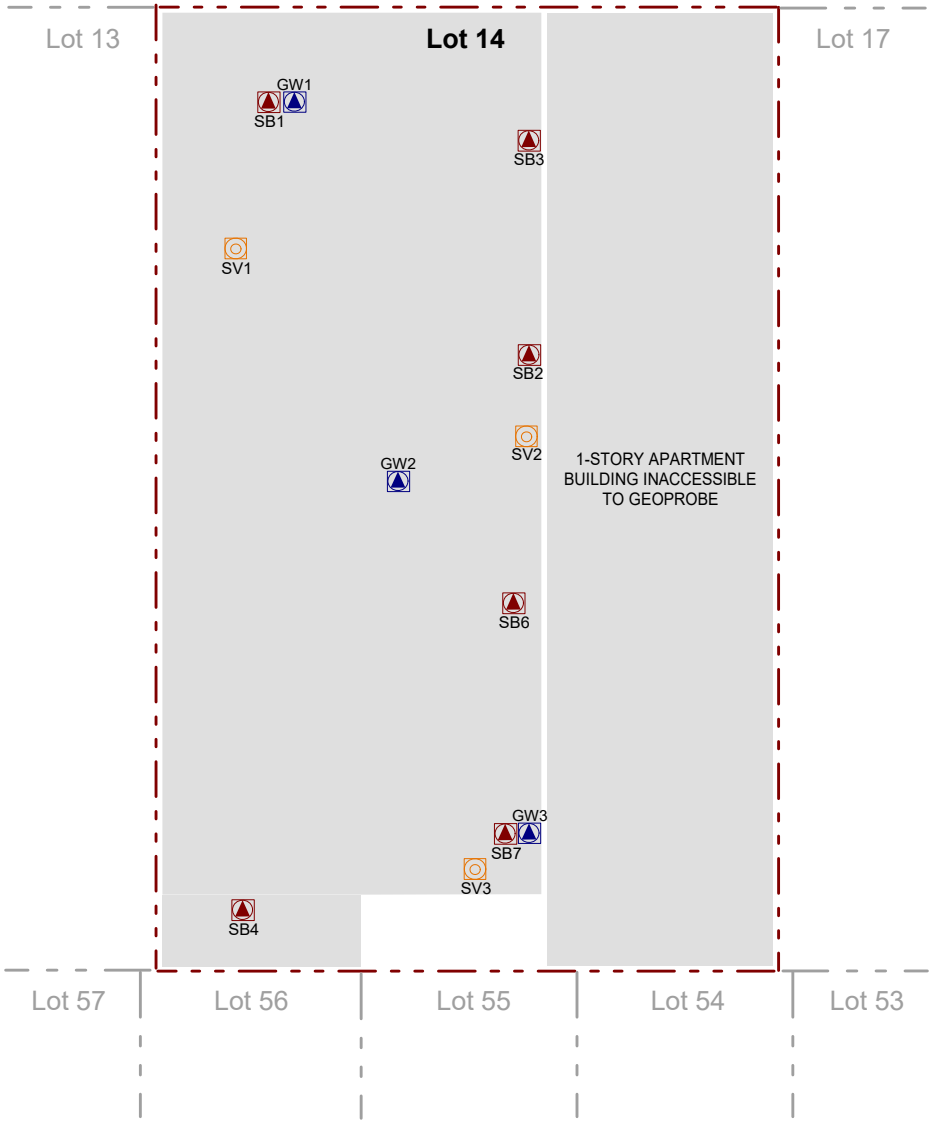
SIDEWALK



BRUSSEE Environmental Corp. PHONE: 631.338.1749	*Figure* 2	Site Name: REDEVELOPMENT PROJECT
		Site Address: 558 SACKETT STREET, BROOKLYN, NY 11217
		Drawing Title: SITE BOUNDARY MAP

SACKETT STREET

SIDEWALK



BRUSSEE Environmental Corp. PHONE: 631.338.1749	*Figure* 3	Site Name: REDEVELOPMENT PROJECT Site Address: 558 SACKETT STREET, 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: North corner of the Site in the warehouse building, 10 ft to the southwest of the northeast exterior wall along Sackett Street and 12 ft to the southeast of the northwest exterior wall along Lot 13.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: Phase II Investigation Site	Address: 558-562 Sackett Street, Brooklyn, NY 11217 (NYC Block 433, Lot 14)	Date / DTW	Ground Elevation
		Groundwater depth	
Drilling Company: Coastal Environmental Services	Method: Geoprobe 6620 DT		Well Specifications
Date Started: 4/26/2022	Date Completed: 4/26/2022		
Completion Depth: 20 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	26		0.0	26" (FILL) brown silty sand, gravel, brick, concrete, no odor **Retained soil sample SB1(1-3') for RCRA Metals*
	to 10	39		12.1 - 30.0	24" (FILL) brown silty sand, gravel, brick, concrete, no odor 15" brown sand, slight odor **Retained SB1(8-10') for VOCs & SVOCs*
	to 15	43		0.3 - 1.8	43" brown sand, gravel, wet, no odor
	to 20	47		0.1 - 0.8	47" brown sand, gravel, wet, no odor

Geologic Boring Log Details

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

SB2

Location: Central portion of the Site, along the southeast wall of the warehouse building. 36 ft to the southwest of the northeast exterior wall along Sackett Street and 40 ft to the southeast of the northwest exterior wall along Lot 13.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: Phase II Investigation Site	Address: 558-562 Sackett Street, Brooklyn, NY 11217 (NYC Block 433, Lot 14)	Date / DTW	Ground Elevation
		Groundwater depth	
Drilling Company: Coastal Environmental Services	Method: Geoprobe 6620 DT		Well Specifications
Date Started: 4/26/2022	Date Completed: 4/26/2022		
Completion Depth: 20 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	37		0.0	37" (FILL) brown silty sand, gravel, lots of brick, crushed rock, no odor **Retained soil sample SB2(2-4') for RCRA Metals*
	to 10	31		0.0	19" (FILL) brown silty sand, gravel, lots of brick, crushed rock, no odor 12" gray/brown silty fine sand, no odor
	to 15	48		200 - 15,000	12" brown silty sand, gravel, crushed rock, no odor 6" brown silty F sand, rock, wet, slight odor 4" (FILL) brown silty sand, brick, wet, slight odor 26" black/gray silty F sand, wet, strong odor **Retained SB2(13-15') for VOCs & SVOCs*
	to 20	51		0.1 - 11.0	10" brown/gray fine sand, wet, slight odor 41" brown sand, wet, no odor

Geologic Boring Log Details

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

SB3

Location: Northeast side of the Site in the warehouse building. 14 ft to the southwest of the northeast exterior wall along Sackett Street and 40 ft to the southeast of the northwest exterior wall along Lot 13.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: Phase II Investigation Site	Address: 558-562 Sackett Street, Brooklyn, NY 11217 (NYC Block 433, Lot 14)	Date / DTW	Ground Elevation
		Groundwater depth	
Drilling Company: Coastal Environmental Services	Method: Geoprobe 6620 DT		Well Specifications
Date Started: 4/26/2022	Date Completed: 4/26/2022		
Completion Depth: 20 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	19		0.1	19" (FILL) black/gray gravelly sandy ash, brick, no odor **Retained soil sample SB3(0-2') for RCRA Metals*
	to 10	22		0.3	16" (FILL) black/gray gravelly sandy ash, brick, no odor 6" (FILL) black/gray gravelly sandy ash, brick, wet, slight odor
	to 15	34		11.3 - 180	24" (FILL) black/brown silty fine sand, trace gravel, ash, wet, no odor 10" brown fine sand, wet, slight odor **Retained SB3(10-12') for VOCs & SVOCs*
	to 20	45		10.2 - 12.3	45" brown fine sand, wet, slight odor

Geologic Boring Log Details

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

SB4

Location: Southwest corner of the Site in the warehouse building. 6 ft to the northeast of the rear, southwest exterior wall and 9 ft to the southeast of the northwest exterior wall along Lot 13.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: Phase II Investigation Site	Address: 558-562 Sackett Street, Brooklyn, NY 11217 (NYC Block 433, Lot 14)	Date / DTW	Ground Elevation
		Groundwater depth	
Drilling Company: Coastal Environmental Services	Method: Geoprobe 6620 DT		Well Specifications
Date Started: 4/26/2022	Date Completed: 4/26/2022		
Completion Depth: 20 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	25		0.1	25" (FILL) brown silty sand, gravel, lots of brick, crushed rock, no odor **Retained soil sample SB4(3-5') for RCRA Metals*
	to 10	37		0.0 - 394	25" (FILL) brown silty F sand, trace brick, no odor 12" gray/black fine sand, wet, strong odor **Retained SB4(9-11') for VOCs & SVOCs*
	to 15	44		54 - 1,090	31" gray/black fine sand, wet, strong odor 13" brown fine sand, wet, slight odor
	to 20	47		10.3 - 25	47" brown fine sand, wet, slight odor

Geologic Boring Log Details

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

SB5

Location: Central-northwest portion of the Site in the warehouse building. 51 ft to the southwest of the northeast exterior wall along Sackett Street and 16 ft to the southeast of the northwest exterior wall along Lot 13.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: Phase II Investigation Site	Address: 558-562 Sackett Street, Brooklyn, NY 11217 (NYC Block 433, Lot 14)	Date / DTW	Ground Elevation
		Groundwater depth	
Drilling Company: Coastal Environmental Services	Method: Geoprobe 6620 DT		Well Specifications
Date Started: 4/26/2022	Date Completed: 4/26/2022		
Completion Depth: 20 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	23		0.1	23" (FILL) brown silty sand, gravel, brick, concrete, no odor
	to 10	35		0.2 - 1.1	20" (FILL) brown silty sand, gravel, brick, concrete, no odor 15" brown sand, no odor
	to 15	39		0.3 - 0.9	39" brown sand, gravel, wet, no odor
	to 20	51		0.0 - 0.6	51" brown 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: Central-southwest portion of the Site in the warehouse building. 38 ft to the northeast of the rear, southwest exterior wall and 37 ft to the southeast of the northwest exterior wall along Lot 13.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: Phase II Investigation Site	Address: 558-562 Sackett Street, Brooklyn, NY 11217 (NYC Block 433, Lot 14)	Date / DTW: Groundwater depth	Ground Elevation
Drilling Company: Coastal Environmental Services	Method: Geoprobe 6620 DT		Well Specifications
Date Started: 4/26/2022	Date Completed: 4/26/2022		
Completion Depth: 20 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	18		0.0	18" (FILL) brown silty sand, gravel, lots of brick, crushed rock, no odor **Retained soil sample SB6(0-2') for RCRA Metals*
	to 10	40		0.0 - 394	10" (FILL) brown silty sand, gravel, lots of brick, crushed rock, no odor 20" brown silty F sand, no odor 10" black/gray silty F sand, wet, strong odor **Retained SB6(8-10') for VOCs & SVOCs*
	to 15	43		4.1 - 24	14" brown/gray sand, trace silt, wet, slight odor 29" brown sand, gravel, wet, slight odor
	to 20	44		2.4 - 4.7	44" brown fine sand, wet, slight odor

Geologic Boring Log Details

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

SB7

Location: Central-southwest portion of the Site in the warehouse building. 38 ft to the northeast of the rear, southwest exterior wall and 37 ft to the southeast of the northwest exterior wall along Lot 13.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: Phase II Investigation Site	Address: 558-562 Sackett Street, Brooklyn, NY 11217 (NYC Block 433, Lot 14)	Date / DTW: Groundwater depth	Ground Elevation
Drilling Company: Coastal Environmental Services	Method: Geoprobe 6620 DT		Well Specifications
Date Started: 4/26/2022	Date Completed: 4/26/2022		
Completion Depth: 20 feet below surface grade	Geologist Robert Bennett		

SB7 (NTS)	DEPTH (ft below grade)	SAMPLES: Recovery (in.)	SAMPLES: Blow per 6 in.	SAMPLES: PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	24		0.0	14" (FILL) black/brown silty sand, gravel, brick, ash, coal, no odor 10" brown silty sand, gravel, trace brick, no odor **Retained soil sample SB7(1-3') for RCRA Metals*
	to 10	28		0.0	28" (FILL) light brown silty sand, gravel, concrete, brick, asphalt, no odor
	to 15	52		64 - 2,500	10" brown/gray silty sand, wet, odor 22" black sand, wet, strong odor 20" brown/gray sand, trace silt, wet, slight odor **Retained SB7(11-13') for VOCs & SVOCs*
	to 20	55		8.2 - 13	44" brown fine sand, wet, slight 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: **558 SACKETT ST**
SDG ID: **GCL16698**
Sample ID#s: **CL16698 - CL16700**

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.: GCL16698

Project ID: 558 SACKETT ST

Client Id	Lab Id	Matrix
SV3	CL16698	AIR
SV1	CL16699	AIR
SV2	CL16700	AIR

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	04/26/22	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:	457				

Laboratory Data

SDG ID: GCL16698
Phoenix ID: CL16698

Project ID: 558 SACKETT ST
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	2.01	*0.917*	11.0	*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	3550	*63.2*	8430	*150*	04/28/22	KCA	150	
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	

Ver 1

Project ID: 558 SACKETT ST
Client ID: SV3

Phoenix I.D.: CL16698

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	17.2	*1.61*	53.5	*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	ND	*1.02*	ND	*4.98*	04/27/22	KCA	5	
Chloromethane	ND	*2.42*	ND	*4.99*	04/27/22	KCA	5	
Cis-1,2-Dichloroethene	0.415	*0.252*	1.64	*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	65.8	*2.66*	124	*5.01*	04/27/22	KCA	5	1
Ethyl acetate	ND	*1.39*	ND	*5.01*	04/27/22	KCA	5	1
Ethylbenzene	1.16	*1.15*	5.03	*4.99*	04/27/22	KCA	5	
Heptane	6.58	*1.22*	26.9	*5.00*	04/27/22	KCA	5	
Hexachlorobutadiene	ND	*0.469*	ND	*5.00*	04/27/22	KCA	5	
Hexane	8.09	*1.42*	28.5	*5.00*	04/27/22	KCA	5	
Isopropylalcohol	6.97	*2.04*	17.1	*5.01*	04/27/22	KCA	5	
Isopropylbenzene	1.34	*1.02*	6.58	*5.01*	04/27/22	KCA	5	
m,p-Xylene	3.44	*1.15*	14.9	*4.99*	04/27/22	KCA	5	
Methyl Ethyl Ketone	1960	*25.4*	5780	*74.9*	04/28/22	KCA	75	
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	ND	*1.15*	ND	*4.99*	04/27/22	KCA	5	
Propylene	13.8	*2.91*	23.7	*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	27.7	*0.184*	188	*1.25*	04/27/22	KCA	5	
Tetrahydrofuran	1480	*25.4*	4360	*74.9*	04/28/22	KCA	75	1
Toluene	108	*1.33*	407	*5.01*	04/27/22	KCA	5	
Trans-1,2-Dichloroethene	ND	*1.26*	ND	*4.99*	04/27/22	KCA	5	
trans-1,3-Dichloropropene	ND	*1.10*	ND	*4.99*	04/27/22	KCA	5	
Trichloroethene	3.06	*0.185*	16.4	*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)	96	*%*	96	*%*	04/27/22	KCA	5	
% IS-1,4-Difluorobenzene (5x)	98	*%*	98	*%*	04/27/22	KCA	5	
% IS-Bromochloromethane (5x)	101	*%*	101	*%*	04/27/22	KCA	5	
% IS-Chlorobenzene-d5 (5x)	110	*%*	110	*%*	04/27/22	KCA	5	
% Bromofluorobenzene (75x)	96	*%*	96	*%*	04/28/22	KCA	75	
% IS-1,4-Difluorobenzene (75x)	81	*%*	81	*%*	04/28/22	KCA	75	
% IS-Bromochloromethane (75x)	82	*%*	82	*%*	04/28/22	KCA	75	
% IS-Chlorobenzene-d5 (75x)	85	*%*	85	*%*	04/28/22	KCA	75	

Ver 1

Project ID: 558 SACKETT ST
Client ID: SV3

Phoenix I.D.: CL16698

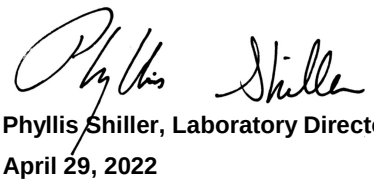
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
% Bromofluorobenzene (150x)	96	%	96	%	04/28/22	KCA	150
% IS-1,4-Difluorobenzene (150x)	86	%	86	%	04/28/22	KCA	150
% IS-Bromochloromethane (150x)	86	%	86	%	04/28/22	KCA	150
% IS-Chlorobenzene-d5 (150x)	85	%	85	%	04/28/22	KCA	150

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

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 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	04/26/22	11:15
Location Code:	BRUSSEE	Received by:	CP	04/26/22	16:25
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	7304				

Laboratory Data

SDG ID: GCL16698
Phoenix ID: CL16699

Project ID: 558 SACKETT ST
Client ID: SV1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.729*	ND	*5.00*	04/27/22	KCA	5	1
1,1,1-Trichloroethane	3.17	*0.917*	17.3	*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)	4.33	*1.22*	17.7	*4.99*	04/27/22	KCA	5	
Acetone	2060	*31.6*	4890	*75.0*	04/28/22	KCA	75	
Acrylonitrile	ND	*2.31*	ND	*5.01*	04/27/22	KCA	5	
Benzene	3.52	*1.57*	11.2	*5.01*	04/27/22	KCA	5	
Benzyl chloride	ND	*0.966*	ND	*5.00*	04/27/22	KCA	5	

Project ID: 558 SACKETT ST
Client ID: SV1

Phoenix I.D.: CL16699

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	2.48	*1.61*	7.72	*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	3.33	*1.02*	16.2	*4.98*	04/27/22	KCA	5	
Chloromethane	ND	*2.42*	ND	*4.99*	04/27/22	KCA	5	
Cis-1,2-Dichloroethene	0.495	*0.252*	1.96	*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	115	*2.66*	217	*5.01*	04/27/22	KCA	5	1
Ethyl acetate	ND	*1.39*	ND	*5.01*	04/27/22	KCA	5	1
Ethylbenzene	1.19	*1.15*	5.16	*4.99*	04/27/22	KCA	5	
Heptane	61.1	*1.22*	250	*5.00*	04/27/22	KCA	5	
Hexachlorobutadiene	ND	*0.469*	ND	*5.00*	04/27/22	KCA	5	
Hexane	160	*1.42*	564	*5.00*	04/27/22	KCA	5	
Isopropylalcohol	26.1	*2.04*	64.1	*5.01*	04/27/22	KCA	5	
Isopropylbenzene	1.16	*1.02*	5.70	*5.01*	04/27/22	KCA	5	
m,p-Xylene	3.73	*1.15*	16.2	*4.99*	04/27/22	KCA	5	
Methyl Ethyl Ketone	1110	*25.4*	3270	*74.9*	04/28/22	KCA	75	
Methyl tert-butyl ether(MTBE)	ND	*1.39*	ND	*5.01*	04/27/22	KCA	5	
Methylene Chloride	28.4	*4.32*	98.6	*15.0*	04/27/22	KCA	5	
n-Butylbenzene	ND	*0.911*	ND	*5.00*	04/27/22	KCA	5	1
o-Xylene	1.19	*1.15*	5.16	*4.99*	04/27/22	KCA	5	
Propylene	ND	*2.91*	ND	*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	23.3	*0.184*	158	*1.25*	04/27/22	KCA	5	
Tetrahydrofuran	970	*25.4*	2860	*74.9*	04/28/22	KCA	75	1
Toluene	88.2	*1.33*	332	*5.01*	04/27/22	KCA	5	
Trans-1,2-Dichloroethene	ND	*1.26*	ND	*4.99*	04/27/22	KCA	5	
trans-1,3-Dichloropropene	ND	*1.10*	ND	*4.99*	04/27/22	KCA	5	
Trichloroethene	134	*0.185*	720	*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)	92	*%*	92	*%*	04/27/22	KCA	5	
% IS-1,4-Difluorobenzene (5x)	100	*%*	100	*%*	04/27/22	KCA	5	
% IS-Bromochloromethane (5x)	101	*%*	101	*%*	04/27/22	KCA	5	
% IS-Chlorobenzene-d5 (5x)	123	*%*	123	*%*	04/27/22	KCA	5	
% Bromofluorobenzene (75x)	96	*%*	96	*%*	04/28/22	KCA	75	
% IS-1,4-Difluorobenzene (75x)	83	*%*	83	*%*	04/28/22	KCA	75	
% IS-Bromochloromethane (75x)	84	*%*	84	*%*	04/28/22	KCA	75	
% IS-Chlorobenzene-d5 (75x)	86	*%*	86	*%*	04/28/22	KCA	75	

Ver 1

Project ID: 558 SACKETT ST
Client ID: SV1

Phoenix I.D.: CL16699

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

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	04/26/22	11:45
Location Code:	BRUSSEE	Received by:	CP	04/26/22	16:25
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	218				

Laboratory Data

SDG ID: GCL16698
Phoenix ID: CL16700

Project ID: 558 SACKETT ST
Client ID: SV2

Parameter	ppbv Result		ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND		*10.9*	ND	*74.8*	04/28/22	KCA	75	1
1,1,1-Trichloroethane	ND		*13.8*	ND	*75.2*	04/28/22	KCA	75	
1,1,2,2-Tetrachloroethane	ND		*10.9*	ND	*74.8*	04/28/22	KCA	75	
1,1,2-Trichloroethane	ND		*13.8*	ND	*75.2*	04/28/22	KCA	75	
1,1-Dichloroethane	ND		*18.5*	ND	*74.8*	04/28/22	KCA	75	
1,1-Dichloroethene	ND		*3.79*	ND	*15.0*	04/28/22	KCA	75	
1,2,4-Trichlorobenzene	ND		*10.1*	ND	*74.9*	04/28/22	KCA	75	
1,2,4-Trimethylbenzene	ND		*15.3*	ND	*75.2*	04/28/22	KCA	75	
1,2-Dibromoethane(EDB)	ND		*9.77*	ND	*75.0*	04/28/22	KCA	75	
1,2-Dichlorobenzene	ND		*12.5*	ND	*75.1*	04/28/22	KCA	75	
1,2-Dichloroethane	ND		*18.5*	ND	*74.8*	04/28/22	KCA	75	
1,2-dichloropropane	ND		*16.2*	ND	*74.8*	04/28/22	KCA	75	
1,2-Dichlorotetrafluoroethane	ND		*10.7*	ND	*74.8*	04/28/22	KCA	75	
1,3,5-Trimethylbenzene	ND		*15.3*	ND	*75.2*	04/28/22	KCA	75	
1,3-Butadiene	ND		*33.9*	ND	*74.9*	04/28/22	KCA	75	
1,3-Dichlorobenzene	ND		*12.5*	ND	*75.1*	04/28/22	KCA	75	
1,4-Dichlorobenzene	ND		*12.5*	ND	*75.1*	04/28/22	KCA	75	
1,4-Dioxane	ND		*20.8*	ND	*74.9*	04/28/22	KCA	75	
2-Hexanone(MBK)	ND		*18.3*	ND	*74.9*	04/28/22	KCA	75	1
4-Ethyltoluene	ND		*15.3*	ND	*75.2*	04/28/22	KCA	75	1
4-Isopropyltoluene	ND		*13.7*	ND	*75.2*	04/28/22	KCA	75	1
4-Methyl-2-pentanone(MIBK)	ND		*18.3*	ND	*74.9*	04/28/22	KCA	75	
Acetone	3580	E	*31.6*	8500	*75.0*	04/28/22	KCA	75	
Acrylonitrile	ND		*34.6*	ND	*75.0*	04/28/22	KCA	75	
Benzene	ND		*23.5*	ND	*75.0*	04/28/22	KCA	75	
Benzyl chloride	ND		*14.5*	ND	*75.0*	04/28/22	KCA	75	

Project ID: 558 SACKETT ST
Client ID: SV2

Phoenix I.D.: CL16700

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*11.2*	ND	*75.0*	04/28/22	KCA	75	
Bromoform	ND	*7.26*	ND	*75.0*	04/28/22	KCA	75	
Bromomethane	ND	*19.3*	ND	*74.9*	04/28/22	KCA	75	
Carbon Disulfide	ND	*24.1*	ND	*75.0*	04/28/22	KCA	75	
Carbon Tetrachloride	ND	*2.39*	ND	*15.0*	04/28/22	KCA	75	
Chlorobenzene	ND	*16.3*	ND	*75.0*	04/28/22	KCA	75	
Chloroethane	ND	*28.4*	ND	*74.9*	04/28/22	KCA	75	
Chloroform	ND	*15.4*	ND	*75.1*	04/28/22	KCA	75	
Chloromethane	ND	*36.3*	ND	*74.9*	04/28/22	KCA	75	
Cis-1,2-Dichloroethene	ND	*3.79*	ND	*15.0*	04/28/22	KCA	75	
cis-1,3-Dichloropropene	ND	*16.5*	ND	*74.8*	04/28/22	KCA	75	
Cyclohexane	ND	*21.8*	ND	*75.0*	04/28/22	KCA	75	
Dibromochloromethane	ND	*8.81*	ND	*75.0*	04/28/22	KCA	75	
Dichlorodifluoromethane	ND	*15.2*	ND	*75.1*	04/28/22	KCA	75	
Ethanol	144	*39.8*	271	*74.9*	04/28/22	KCA	75	1
Ethyl acetate	144	*20.8*	519	*74.9*	04/28/22	KCA	75	1
Ethylbenzene	ND	*17.3*	ND	*75.1*	04/28/22	KCA	75	
Heptane	ND	*18.3*	ND	*75.0*	04/28/22	KCA	75	
Hexachlorobutadiene	ND	*7.04*	ND	*75.0*	04/28/22	KCA	75	
Hexane	ND	*21.3*	ND	*75.0*	04/28/22	KCA	75	
Isopropylalcohol	ND	*30.5*	ND	*74.9*	04/28/22	KCA	75	
Isopropylbenzene	ND	*15.3*	ND	*75.2*	04/28/22	KCA	75	
m,p-Xylene	ND	*17.3*	ND	*75.1*	04/28/22	KCA	75	
Methyl Ethyl Ketone	2250	*25.4*	6630	*74.9*	04/28/22	KCA	75	
Methyl tert-butyl ether(MTBE)	ND	*20.8*	ND	*74.9*	04/28/22	KCA	75	
Methylene Chloride	ND	*64.7*	ND	*225*	04/28/22	KCA	75	
n-Butylbenzene	ND	*13.7*	ND	*75.2*	04/28/22	KCA	75	1
o-Xylene	ND	*17.3*	ND	*75.1*	04/28/22	KCA	75	
Propylene	ND	*43.6*	ND	*75.0*	04/28/22	KCA	75	1
sec-Butylbenzene	ND	*13.7*	ND	*75.2*	04/28/22	KCA	75	1
Styrene	ND	*17.6*	ND	*74.9*	04/28/22	KCA	75	
Tetrachloroethene	14.9	*2.77*	101	*18.8*	04/28/22	KCA	75	
Tetrahydrofuran	1310	*25.4*	3860	*74.9*	04/28/22	KCA	75	1
Toluene	49.5	*19.9*	186	*74.9*	04/28/22	KCA	75	
Trans-1,2-Dichloroethene	ND	*18.9*	ND	*74.9*	04/28/22	KCA	75	
trans-1,3-Dichloropropene	ND	*16.5*	ND	*74.8*	04/28/22	KCA	75	
Trichloroethene	9.60	*2.78*	51.6	*14.9*	04/28/22	KCA	75	
Trichlorofluoromethane	ND	*13.4*	ND	*75.2*	04/28/22	KCA	75	
Trichlorotrifluoroethane	ND	*9.79*	ND	*75.0*	04/28/22	KCA	75	
Vinyl Chloride	ND	*5.85*	ND	*14.9*	04/28/22	KCA	75	
QA/QC Surrogates/Internals								
% Bromofluorobenzene (5x)	98	%	98	%	04/27/22	KCA	5	
% IS-1,4-Difluorobenzene (5x)	104	%	104	%	04/27/22	KCA	5	
% IS-Bromochloromethane (5x)	104	%	104	%	04/27/22	KCA	5	
% IS-Chlorobenzene-d5 (5x)	108	%	108	%	04/27/22	KCA	5	
% Bromofluorobenzene (75x)	96	%	96	%	04/28/22	KCA	75	
% IS-1,4-Difluorobenzene (75x)	83	%	83	%	04/28/22	KCA	75	
% IS-Bromochloromethane (75x)	83	%	83	%	04/28/22	KCA	75	
% IS-Chlorobenzene-d5 (75x)	85	%	85	%	04/28/22	KCA	75	

Ver 1

Project ID: 558 SACKETT ST
Client ID: SV2

Phoenix I.D.: CL16700

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

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

Canister Sampling Information

April 29, 2022

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

Location Code: BRUSSEE

SDG I.D.: GCL16698

Project ID: 558 SACKETT ST

						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	CL16698	457	6.0L	5591	04/15/22	-30	-5	42	40	4.9	-30	-7	04/26/22 09:00	04/26/22 11:00
SV1	CL16699	7304	6.0L	1309	04/15/22	-30	-5	44	44	0.0	-30	-6	04/26/22 09:15	04/26/22 11:15
SV2	CL16700	218	6.0L	5598	04/15/22	-30	-3	44	42	4.7	-30	-3	04/26/22 09:45	04/26/22 11:45

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

April 29, 2022

QA/QC Data

SDG I.D.: GCL16698

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 (CL16698 (5X) , CL16699 (5X) , CL16700 (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
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
Ethyl acetate	ND	0.280	ND	1.01	96	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCL16698

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
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
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 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
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 (CL16698 (75X, 150X) , CL16699 (75X) , CL16700 (75X))												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.500	ND	3.43	107	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.500	ND	2.73	105	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.14	109	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.020	ND	0.11	105	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.150	ND	0.61	112	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.200	ND	0.79	103	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.054	ND	0.40	116	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.500	ND	2.46	115	2.86	2.86	0.583	0.583	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.020	ND	0.15	105	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.100	ND	0.60	116	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.020	ND	0.08	104	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.020	ND	0.09	103	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.500	ND	3.49	108	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.500	ND	2.46	111	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.500	ND	1.11	104	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.100	ND	0.60	117	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.080	ND	0.48	117	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.130	ND	0.47	105	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.500	ND	2.05	104	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.500	ND	2.46	110	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.500	ND	2.74	112	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.500	ND	2.05	103	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.750	ND	1.78	112	57.0	57.0	24.0	24.0	0.0	70 - 130	25
Acrylonitrile	ND	0.500	ND	1.08	114	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCL16698

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
Benzene	ND	0.200	ND	0.64	103	ND	ND	ND	ND	NC	70 - 130	25
Benzyl chloride	ND	0.500	ND	2.59	122	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.020	ND	0.13	105	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.150	ND	1.55	116	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.140	ND	0.54	105	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.500	ND	1.56	102	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.086	ND	0.54	108	ND	ND	ND	ND	NC	70 - 130	25
Chlorobenzene	ND	0.200	ND	0.92	106	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.500	ND	1.32	106	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.200	ND	0.98	104	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.500	ND	1.03	102	ND	ND	ND	ND	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.200	ND	0.79	105	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.100	ND	0.45	108	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.500	ND	1.72	101	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.020	ND	0.17	111	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.500	ND	2.47	106	ND	ND	ND	ND	NC	70 - 130	25
Ethanol	ND	0.750	ND	1.41	95	5.89	5.37	3.13	2.85	NC	70 - 130	25
Ethyl acetate	ND	0.500	ND	1.80	100	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.500	ND	2.17	105	5.03	5.03	1.16	1.16	NC	70 - 130	25
Heptane	ND	0.500	ND	2.05	99	3.03	3.00	0.739	0.733	NC	70 - 130	25
Hexachlorobutadiene	ND	0.020	ND	0.21	130	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.450	ND	1.59	122	ND	ND	ND	ND	NC	70 - 130	25
Isopropylalcohol	ND	0.750	ND	1.84	117	ND	ND	ND	ND	NC	70 - 130	25
Isopropylbenzene	ND	0.500	ND	2.46	105	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	1.00	ND	4.34	108	ND	ND	ND	ND	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.450	ND	1.33	106	ND	1.64	ND	0.555	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.500	ND	1.80	106	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	3.00	ND	10.4	105	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.500	ND	2.74	116	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.500	ND	2.17	105	ND	ND	ND	ND	NC	70 - 130	25
Propylene	ND	0.500	ND	0.86	101	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.500	ND	2.74	109	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.200	ND	0.85	109	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.100	ND	0.68	106	1150	1150	170	170	0.0	70 - 130	25
Tetrahydrofuran	ND	0.500	ND	1.47	99	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.500	ND	1.88	104	18.4	18.3	4.88	4.87	0.2	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.200	ND	0.79	113	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.500	ND	2.27	107	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.050	ND	0.27	105	ND	ND	ND	ND	NC	70 - 130	25
Trichlorofluoromethane	ND	0.500	ND	2.81	103	ND	ND	ND	ND	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.500	ND	3.83	103	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.100	ND	0.26	105	ND	ND	ND	ND	NC	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.

QA/QC Data

SDG I.D.: GCL16698

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

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

GCL16698 - 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.: GCL16698

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

13

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 Place NY

Project Name: 558 Sackett St
Invoice to: BEC
Sampled by: RB

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

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure ("Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (ml/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start ("Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO 15	APH
		THIS SECTION FOR LAB USE ONLY											MATRIX			ANALYSES	
166098	SV3	457	6L	-5	-5	5591	42	0900	1100	4/26/22	-30+	-7		X	G	X	
166099	SV1	1304	6L	-30	-5	1309	44	0915	1115	4/26/22	-30	-6		X	G	X	
166100	SV2	218	6L	-30	-3	5588	44	0945	1145	4/26/22	-30	-3		X	G	X	

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

Signature: Date: 4/26/22

State Where Samples Collected: NY

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

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

Requested Criteria: CT: TAC RC / TAC RBS / SVVC RC / SVVC RES / GWV RC / GWV CES

(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: Vapor Intrusion NY
PA: Indoor Air Residential / Non-residential
VT: Indoor Air Residential / Industrial / Sub-slab 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: **558 SACKETT ST**
SDG ID: **GCL17709**
Sample ID#s: **CL17709 - CL17720**

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.: GCL17709

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

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

NY # 11301

Sample Id Cross Reference

May 03, 2022

SDG I.D.: GCL17709

Project ID: 558 SACKETT ST

Client Id	Lab Id	Matrix
SB1 (1-3)	CL17709	SOIL
SB1 (8-10)	CL17710	SOIL
SB2 (2-4)	CL17711	SOIL
SB2 (13-15)	CL17712	SOIL
SB3 (0-2)	CL17713	SOIL
SB3 (10-12)	CL17714	SOIL
SB4 (3-5)	CL17715	SOIL
SB4 (9-11)	CL17716	SOIL
SB6 (0-2)	CL17717	SOIL
SB6 (8-10)	CL17718	SOIL
SB7 (1-3)	CL17719	SOIL
SB7 (11-13)	CL17720	SOIL

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:		04/26/22	9:45
Location Code:	BRUSSEE	Received by:	CP	04/27/22	15:29
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL17709
Phoenix ID: CL17709

Project ID: 558 SACKETT ST
Client ID: SB1 (1-3)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	0.34	0.34	mg/Kg	1	04/29/22	EK	SW6010D
Arsenic	7.02	0.69	mg/Kg	1	04/29/22	EK	SW6010D
Barium	162	0.7	mg/Kg	1	04/29/22	EK	SW6010D
Cadmium	2.02	0.34	mg/Kg	1	04/29/22	EK	SW6010D
Chromium	19.5	0.34	mg/Kg	1	04/29/22	EK	SW6010D
Mercury	1.99	0.14	mg/Kg	10	04/28/22	MGH	SW7471B
Lead	512	0.7	mg/Kg	1	04/29/22	EK	SW6010D
Selenium	< 1.4	1.4	mg/Kg	1	04/29/22	EK	SW6010D
Percent Solid	96		%		04/27/22	D	SW846-%Solid
Mercury Digestion	Completed				04/28/22	AB/KL/KL	SW7471B
Total Metals Digest	Completed				04/27/22	M/AG	SW3050B

Project ID: 558 SACKETT ST
Client ID: SB1 (1-3)

Phoenix I.D.: CL17709

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

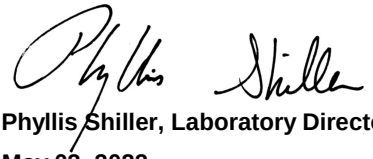
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

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

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

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



Phyllis Shiller, Laboratory Director

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

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:		04/26/22	9:45
Location Code:	BRUSSEE	Received by:	CP	04/27/22	15:29
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL17709
Phoenix ID: CL17710

Project ID: 558 SACKETT ST
Client ID: SB1 (8-10)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Percent Solid	96			%		04/27/22	D	SW846-%Solid	
Field Extraction	Completed					04/26/22		SW5035A	1
Soil Extraction for SVOA	Completed					04/27/22	R/I/L	SW3546	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	6.0	1.2	ug/Kg	1	04/28/22	JLI	SW8260C	
1,1,1-Trichloroethane	ND	6.0	0.60	ug/Kg	1	04/28/22	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	6.0	1.2	ug/Kg	1	04/28/22	JLI	SW8260C	
1,1,2-Trichloroethane	ND	6.0	1.2	ug/Kg	1	04/28/22	JLI	SW8260C	
1,1-Dichloroethane	ND	6.0	1.2	ug/Kg	1	04/28/22	JLI	SW8260C	
1,1-Dichloroethene	ND	6.0	0.60	ug/Kg	1	04/28/22	JLI	SW8260C	
1,1-Dichloropropene	ND	6.0	0.60	ug/Kg	1	04/28/22	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	6.0	1.2	ug/Kg	1	04/28/22	JLI	SW8260C	
1,2,3-Trichloropropane	ND	6.0	0.60	ug/Kg	1	04/28/22	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	6.0	1.2	ug/Kg	1	04/28/22	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	6.0	0.60	ug/Kg	1	04/28/22	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	6.0	1.2	ug/Kg	1	04/28/22	JLI	SW8260C	
1,2-Dibromoethane	ND	6.0	0.60	ug/Kg	1	04/28/22	JLI	SW8260C	
1,2-Dichlorobenzene	ND	6.0	0.60	ug/Kg	1	04/28/22	JLI	SW8260C	
1,2-Dichloroethane	ND	6.0	0.60	ug/Kg	1	04/28/22	JLI	SW8260C	
1,2-Dichloropropane	ND	6.0	1.2	ug/Kg	1	04/28/22	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	6.0	0.60	ug/Kg	1	04/28/22	JLI	SW8260C	
1,3-Dichlorobenzene	ND	6.0	0.60	ug/Kg	1	04/28/22	JLI	SW8260C	
1,3-Dichloropropane	ND	6.0	1.2	ug/Kg	1	04/28/22	JLI	SW8260C	
1,4-Dichlorobenzene	ND	6.0	0.60	ug/Kg	1	04/28/22	JLI	SW8260C	
2,2-Dichloropropane	ND	6.0	0.60	ug/Kg	1	04/28/22	JLI	SW8260C	
2-Chlorotoluene	ND	6.0	1.2	ug/Kg	1	04/28/22	JLI	SW8260C	

Project ID: 558 SACKETT ST
Client ID: SB1 (8-10)

Phoenix I.D.: CL17710

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Hexanone	ND	30	6.0	ug/Kg	1	04/28/22	JLI	SW8260C	
2-Isopropyltoluene	ND	6.0	0.60	ug/Kg	1	04/28/22	JLI	SW8260C	1
4-Chlorotoluene	ND	6.0	0.60	ug/Kg	1	04/28/22	JLI	SW8260C	
4-Methyl-2-pentanone	ND	30	6.0	ug/Kg	1	04/28/22	JLI	SW8260C	
Acetone	ND	30	6.0	ug/Kg	1	04/28/22	JLI	SW8260C	
Acrylonitrile	ND	12	1.2	ug/Kg	1	04/28/22	JLI	SW8260C	
Benzene	ND	6.0	0.60	ug/Kg	1	04/28/22	JLI	SW8260C	
Bromobenzene	ND	6.0	0.60	ug/Kg	1	04/28/22	JLI	SW8260C	
Bromochloromethane	ND	6.0	0.60	ug/Kg	1	04/28/22	JLI	SW8260C	
Bromodichloromethane	ND	6.0	1.2	ug/Kg	1	04/28/22	JLI	SW8260C	
Bromoform	ND	6.0	1.2	ug/Kg	1	04/28/22	JLI	SW8260C	
Bromomethane	ND	6.0	2.4	ug/Kg	1	04/28/22	JLI	SW8260C	
Carbon Disulfide	ND	6.0	1.2	ug/Kg	1	04/28/22	JLI	SW8260C	
Carbon tetrachloride	ND	6.0	1.2	ug/Kg	1	04/28/22	JLI	SW8260C	
Chlorobenzene	ND	6.0	0.60	ug/Kg	1	04/28/22	JLI	SW8260C	
Chloroethane	ND	6.0	0.60	ug/Kg	1	04/28/22	JLI	SW8260C	
Chloroform	ND	6.0	0.60	ug/Kg	1	04/28/22	JLI	SW8260C	
Chloromethane	ND	6.0	1.2	ug/Kg	1	04/28/22	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	6.0	0.60	ug/Kg	1	04/28/22	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	6.0	0.60	ug/Kg	1	04/28/22	JLI	SW8260C	
Dibromochloromethane	ND	6.0	1.2	ug/Kg	1	04/28/22	JLI	SW8260C	
Dibromomethane	ND	6.0	1.2	ug/Kg	1	04/28/22	JLI	SW8260C	
Dichlorodifluoromethane	ND	6.0	0.60	ug/Kg	1	04/28/22	JLI	SW8260C	
Ethylbenzene	ND	6.0	0.60	ug/Kg	1	04/28/22	JLI	SW8260C	
Hexachlorobutadiene	ND	6.0	0.60	ug/Kg	1	04/28/22	JLI	SW8260C	
Isopropylbenzene	ND	6.0	0.60	ug/Kg	1	04/28/22	JLI	SW8260C	
m&p-Xylene	ND	6.0	1.2	ug/Kg	1	04/28/22	JLI	SW8260C	
Methyl Ethyl Ketone	ND	36	6.0	ug/Kg	1	04/28/22	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	12	1.2	ug/Kg	1	04/28/22	JLI	SW8260C	
Methylene chloride	ND	6.0	6.0	ug/Kg	1	04/28/22	JLI	SW8260C	
Naphthalene	ND	6.0	1.2	ug/Kg	1	04/28/22	JLI	SW8260C	
n-Butylbenzene	ND	6.0	0.60	ug/Kg	1	04/28/22	JLI	SW8260C	
n-Propylbenzene	ND	6.0	1.2	ug/Kg	1	04/28/22	JLI	SW8260C	
o-Xylene	ND	6.0	1.2	ug/Kg	1	04/28/22	JLI	SW8260C	
p-Isopropyltoluene	ND	6.0	0.60	ug/Kg	1	04/28/22	JLI	SW8260C	
sec-Butylbenzene	ND	6.0	0.60	ug/Kg	1	04/28/22	JLI	SW8260C	
Styrene	ND	6.0	0.60	ug/Kg	1	04/28/22	JLI	SW8260C	
tert-Butylbenzene	ND	6.0	0.60	ug/Kg	1	04/28/22	JLI	SW8260C	
Tetrachloroethene	ND	6.0	1.2	ug/Kg	1	04/28/22	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	12	3.0	ug/Kg	1	04/28/22	JLI	SW8260C	
Toluene	ND	6.0	0.60	ug/Kg	1	04/28/22	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	6.0	0.60	ug/Kg	1	04/28/22	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	6.0	0.60	ug/Kg	1	04/28/22	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	12	3.0	ug/Kg	1	04/28/22	JLI	SW8260C	
Trichloroethene	ND	6.0	0.60	ug/Kg	1	04/28/22	JLI	SW8260C	
Trichlorofluoromethane	ND	6.0	1.2	ug/Kg	1	04/28/22	JLI	SW8260C	
Trichlorotrifluoroethane	ND	6.0	0.60	ug/Kg	1	04/28/22	JLI	SW8260C	
Vinyl chloride	ND	6.0	0.60	ug/Kg	1	04/28/22	JLI	SW8260C	

QA/QC Surrogates

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% 1,2-dichlorobenzene-d4	96			%	1	04/28/22	JLI	70 - 130 %	
% Bromofluorobenzene	97			%	1	04/28/22	JLI	70 - 130 %	
% Dibromofluoromethane	102			%	1	04/28/22	JLI	70 - 130 %	
% Toluene-d8	95			%	1	04/28/22	JLI	70 - 130 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	1	04/28/22	WB	SW8270D	
1,2,4-Trichlorobenzene	ND	240	100	ug/Kg	1	04/28/22	WB	SW8270D	
1,2-Dichlorobenzene	ND	240	97	ug/Kg	1	04/28/22	WB	SW8270D	
1,2-Diphenylhydrazine	ND	240	110	ug/Kg	1	04/28/22	WB	SW8270D	
1,3-Dichlorobenzene	ND	240	100	ug/Kg	1	04/28/22	WB	SW8270D	
1,4-Dichlorobenzene	ND	240	100	ug/Kg	1	04/28/22	WB	SW8270D	
2,2'-Oxybis(1-Chloropropane)	ND	240	96	ug/Kg	1	04/28/22	WB	SW8270D	1
2,4,5-Trichlorophenol	ND	240	190	ug/Kg	1	04/28/22	WB	SW8270D	
2,4,6-Trichlorophenol	ND	170	110	ug/Kg	1	04/28/22	WB	SW8270D	
2,4-Dichlorophenol	ND	170	120	ug/Kg	1	04/28/22	WB	SW8270D	
2,4-Dimethylphenol	ND	240	86	ug/Kg	1	04/28/22	WB	SW8270D	
2,4-Dinitrophenol	ND	240	240	ug/Kg	1	04/28/22	WB	SW8270D	
2,4-Dinitrotoluene	ND	170	140	ug/Kg	1	04/28/22	WB	SW8270D	
2,6-Dinitrotoluene	ND	170	110	ug/Kg	1	04/28/22	WB	SW8270D	
2-Chloronaphthalene	ND	240	98	ug/Kg	1	04/28/22	WB	SW8270D	
2-Chlorophenol	ND	240	98	ug/Kg	1	04/28/22	WB	SW8270D	
2-Methylnaphthalene	ND	240	100	ug/Kg	1	04/28/22	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	240	160	ug/Kg	1	04/28/22	WB	SW8270D	
2-Nitroaniline	ND	240	240	ug/Kg	1	04/28/22	WB	SW8270D	
2-Nitrophenol	ND	240	220	ug/Kg	1	04/28/22	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	240	140	ug/Kg	1	04/28/22	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	170	160	ug/Kg	1	04/28/22	WB	SW8270D	
3-Nitroaniline	ND	350	690	ug/Kg	1	04/28/22	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	210	69	ug/Kg	1	04/28/22	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	240	100	ug/Kg	1	04/28/22	WB	SW8270D	
4-Chloro-3-methylphenol	ND	240	120	ug/Kg	1	04/28/22	WB	SW8270D	
4-Chloroaniline	ND	280	160	ug/Kg	1	04/28/22	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	240	120	ug/Kg	1	04/28/22	WB	SW8270D	
4-Nitroaniline	ND	350	120	ug/Kg	1	04/28/22	WB	SW8270D	
4-Nitrophenol	ND	350	160	ug/Kg	1	04/28/22	WB	SW8270D	
Acenaphthene	ND	240	110	ug/Kg	1	04/28/22	WB	SW8270D	
Acenaphthylene	ND	240	97	ug/Kg	1	04/28/22	WB	SW8270D	
Acetophenone	ND	240	110	ug/Kg	1	04/28/22	WB	SW8270D	
Aniline	ND	280	280	ug/Kg	1	04/28/22	WB	SW8270D	
Anthracene	ND	240	110	ug/Kg	1	04/28/22	WB	SW8270D	
Benz(a)anthracene	ND	240	120	ug/Kg	1	04/28/22	WB	SW8270D	
Benzidine	ND	350	200	ug/Kg	1	04/28/22	WB	SW8270D	
Benzo(a)pyrene	ND	170	110	ug/Kg	1	04/28/22	WB	SW8270D	
Benzo(b)fluoranthene	ND	240	120	ug/Kg	1	04/28/22	WB	SW8270D	
Benzo(ghi)perylene	ND	240	110	ug/Kg	1	04/28/22	WB	SW8270D	
Benzo(k)fluoranthene	ND	240	110	ug/Kg	1	04/28/22	WB	SW8270D	
Benzoic acid	ND	1700	690	ug/Kg	1	04/28/22	WB	SW8270D	
Benzyl butyl phthalate	ND	240	89	ug/Kg	1	04/28/22	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	240	95	ug/Kg	1	04/28/22	WB	SW8270D	

Project ID: 558 SACKETT ST
Client ID: SB1 (8-10)

Phoenix I.D.: CL17710

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bis(2-chloroethyl)ether	ND	170	93	ug/Kg	1	04/28/22	WB	SW8270D
Bis(2-ethylhexyl)phthalate	ND	240	99	ug/Kg	1	04/28/22	WB	SW8270D
Carbazole	ND	170	140	ug/Kg	1	04/28/22	WB	SW8270D
Chrysene	ND	240	120	ug/Kg	1	04/28/22	WB	SW8270D
Dibenz(a,h)anthracene	ND	170	110	ug/Kg	1	04/28/22	WB	SW8270D
Dibenzofuran	ND	240	100	ug/Kg	1	04/28/22	WB	SW8270D
Diethyl phthalate	ND	240	110	ug/Kg	1	04/28/22	WB	SW8270D
Dimethylphthalate	ND	240	110	ug/Kg	1	04/28/22	WB	SW8270D
Di-n-butylphthalate	ND	240	92	ug/Kg	1	04/28/22	WB	SW8270D
Di-n-octylphthalate	ND	240	89	ug/Kg	1	04/28/22	WB	SW8270D
Fluoranthene	ND	240	110	ug/Kg	1	04/28/22	WB	SW8270D
Fluorene	ND	240	110	ug/Kg	1	04/28/22	WB	SW8270D
Hexachlorobenzene	ND	170	100	ug/Kg	1	04/28/22	WB	SW8270D
Hexachlorobutadiene	ND	240	130	ug/Kg	1	04/28/22	WB	SW8270D
Hexachlorocyclopentadiene	ND	240	110	ug/Kg	1	04/28/22	WB	SW8270D
Hexachloroethane	ND	170	100	ug/Kg	1	04/28/22	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	240	110	ug/Kg	1	04/28/22	WB	SW8270D
Isophorone	ND	170	97	ug/Kg	1	04/28/22	WB	SW8270D
Naphthalene	ND	240	99	ug/Kg	1	04/28/22	WB	SW8270D
Nitrobenzene	ND	170	120	ug/Kg	1	04/28/22	WB	SW8270D
N-Nitrosodimethylamine	ND	240	97	ug/Kg	1	04/28/22	WB	SW8270D
N-Nitrosodi-n-propylamine	ND	170	110	ug/Kg	1	04/28/22	WB	SW8270D
N-Nitrosodiphenylamine	ND	240	130	ug/Kg	1	04/28/22	WB	SW8270D
Pentachloronitrobenzene	ND	240	130	ug/Kg	1	04/28/22	WB	SW8270D
Pentachlorophenol	ND	210	130	ug/Kg	1	04/28/22	WB	SW8270D
Phenanthrene	ND	240	99	ug/Kg	1	04/28/22	WB	SW8270D
Phenol	ND	240	110	ug/Kg	1	04/28/22	WB	SW8270D
Pyrene	ND	240	120	ug/Kg	1	04/28/22	WB	SW8270D
Pyridine	ND	240	85	ug/Kg	1	04/28/22	WB	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	109			%	1	04/28/22	WB	30 - 130 %
% 2-Fluorobiphenyl	90			%	1	04/28/22	WB	30 - 130 %
% 2-Fluorophenol	68			%	1	04/28/22	WB	30 - 130 %
% Nitrobenzene-d5	80			%	1	04/28/22	WB	30 - 130 %
% Phenol-d5	75			%	1	04/28/22	WB	30 - 130 %
% Terphenyl-d14	71			%	1	04/28/22	WB	30 - 130 %

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

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

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

Comments:

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

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

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:		04/26/22	9:45
Location Code:	BRUSSEE	Received by:	CP	04/27/22	15:29
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL17709
Phoenix ID: CL17711

Project ID: 558 SACKETT ST
Client ID: SB2 (2-4)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	1.31	0.33	mg/Kg	1	04/29/22	EK	SW6010D
Arsenic	19.0	0.65	mg/Kg	1	04/29/22	EK	SW6010D
Barium	911	0.7	mg/Kg	1	04/29/22	EK	SW6010D
Cadmium	14.5	0.33	mg/Kg	1	04/29/22	EK	SW6010D
Chromium	212	3.3	mg/Kg	10	05/02/22	EK	SW6010D
Mercury	4.42	0.13	mg/Kg	10	04/28/22	MGH	SW7471B
Lead	2900	6.5	mg/Kg	10	05/02/22	EK	SW6010D
Selenium	< 1.3	1.3	mg/Kg	1	04/29/22	EK	SW6010D
Percent Solid	91		%		04/27/22	D	SW846-%Solid
Mercury Digestion	Completed				04/28/22	AB/KL/KL	SW7471B
Total Metals Digest	Completed				04/27/22	M/AG	SW3050B

Project ID: 558 SACKETT ST
Client ID: SB2 (2-4)

Phoenix I.D.: CL17711

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

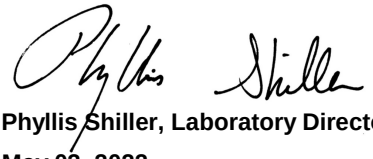
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

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

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

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



Phyllis Shiller, Laboratory Director

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

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:		04/26/22	9:45
Location Code:	BRUSSEE	Received by:	CP	04/27/22	15:29
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL17709
Phoenix ID: CL17712

Project ID: 558 SACKETT ST
Client ID: SB2 (13-15)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Percent Solid	87			%		04/27/22	D	SW846-%Solid	
Field Extraction	Completed					04/26/22		SW5035A	1
Soil Extraction for SVOA	Completed					04/27/22	R/I/L	SW3546	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	7200	1400	ug/Kg	1000	04/28/22	JLI	SW8260C	
1,1,1-Trichloroethane	ND	720	720	ug/Kg	1000	04/28/22	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	7200	1400	ug/Kg	1000	04/28/22	JLI	SW8260C	
1,1,2-Trichloroethane	ND	7200	1400	ug/Kg	1000	04/28/22	JLI	SW8260C	
1,1-Dichloroethane	ND	1400	1400	ug/Kg	1000	04/28/22	JLI	SW8260C	
1,1-Dichloroethene	ND	720	720	ug/Kg	1000	04/28/22	JLI	SW8260C	
1,1-Dichloropropene	ND	7200	720	ug/Kg	1000	04/28/22	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	7200	1400	ug/Kg	1000	04/28/22	JLI	SW8260C	
1,2,3-Trichloropropane	ND	7200	720	ug/Kg	1000	04/28/22	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	7200	1400	ug/Kg	1000	04/28/22	JLI	SW8260C	
1,2,4-Trimethylbenzene	170000	7200	720	ug/Kg	1000	04/28/22	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	7200	1400	ug/Kg	1000	04/28/22	JLI	SW8260C	
1,2-Dibromoethane	ND	7200	720	ug/Kg	1000	04/28/22	JLI	SW8260C	
1,2-Dichlorobenzene	ND	1100	720	ug/Kg	1000	04/28/22	JLI	SW8260C	
1,2-Dichloroethane	ND	720	720	ug/Kg	1000	04/28/22	JLI	SW8260C	
1,2-Dichloropropane	ND	7200	1400	ug/Kg	1000	04/28/22	JLI	SW8260C	
1,3,5-Trimethylbenzene	85000	7200	720	ug/Kg	1000	04/28/22	JLI	SW8260C	
1,3-Dichlorobenzene	ND	2400	720	ug/Kg	1000	04/28/22	JLI	SW8260C	
1,3-Dichloropropane	ND	7200	1400	ug/Kg	1000	04/28/22	JLI	SW8260C	
1,4-Dichlorobenzene	ND	1800	720	ug/Kg	1000	04/28/22	JLI	SW8260C	
2,2-Dichloropropane	ND	7200	720	ug/Kg	1000	04/28/22	JLI	SW8260C	
2-Chlorotoluene	ND	7200	1400	ug/Kg	1000	04/28/22	JLI	SW8260C	

Project ID: 558 SACKETT ST
Client ID: SB2 (13-15)

Phoenix I.D.: CL17712

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Hexanone	ND		36000	7200	ug/Kg	1000	04/28/22	JLI	SW8260C	
2-Isopropyltoluene	980	J	7200	720	ug/Kg	1000	04/28/22	JLI	SW8260C	1
4-Chlorotoluene	ND		7200	720	ug/Kg	1000	04/28/22	JLI	SW8260C	
4-Methyl-2-pentanone	ND		36000	7200	ug/Kg	1000	04/28/22	JLI	SW8260C	
Acetone	ND		7200	7200	ug/Kg	1000	04/28/22	JLI	SW8260C	
Acrylonitrile	ND		14000	1400	ug/Kg	1000	04/28/22	JLI	SW8260C	
Benzene	900		720	720	ug/Kg	1000	04/28/22	JLI	SW8260C	
Bromobenzene	ND		7200	720	ug/Kg	1000	04/28/22	JLI	SW8260C	
Bromochloromethane	ND		7200	720	ug/Kg	1000	04/28/22	JLI	SW8260C	
Bromodichloromethane	ND		7200	1400	ug/Kg	1000	04/28/22	JLI	SW8260C	
Bromoform	ND		7200	1400	ug/Kg	1000	04/28/22	JLI	SW8260C	
Bromomethane	ND		7200	2900	ug/Kg	1000	04/28/22	JLI	SW8260C	
Carbon Disulfide	ND		7200	1400	ug/Kg	1000	04/28/22	JLI	SW8260C	
Carbon tetrachloride	ND		1400	1400	ug/Kg	1000	04/28/22	JLI	SW8260C	
Chlorobenzene	ND		1100	720	ug/Kg	1000	04/28/22	JLI	SW8260C	
Chloroethane	ND		7200	720	ug/Kg	1000	04/28/22	JLI	SW8260C	
Chloroform	ND		720	720	ug/Kg	1000	04/28/22	JLI	SW8260C	
Chloromethane	ND		7200	1400	ug/Kg	1000	04/28/22	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		720	720	ug/Kg	1000	04/28/22	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		7200	720	ug/Kg	1000	04/28/22	JLI	SW8260C	
Dibromochloromethane	ND		7200	1400	ug/Kg	1000	04/28/22	JLI	SW8260C	
Dibromomethane	ND		7200	1400	ug/Kg	1000	04/28/22	JLI	SW8260C	
Dichlorodifluoromethane	ND		7200	720	ug/Kg	1000	04/28/22	JLI	SW8260C	
Ethylbenzene	63000		7200	720	ug/Kg	1000	04/28/22	JLI	SW8260C	
Hexachlorobutadiene	ND		7200	720	ug/Kg	1000	04/28/22	JLI	SW8260C	
Isopropylbenzene	22000		7200	720	ug/Kg	1000	04/28/22	JLI	SW8260C	
m&p-Xylene	80000		7200	1400	ug/Kg	1000	04/28/22	JLI	SW8260C	
Methyl Ethyl Ketone	ND		2900	2900	ug/Kg	1000	04/28/22	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1400	1400	ug/Kg	1000	04/28/22	JLI	SW8260C	
Methylene chloride	ND		2900	2900	ug/Kg	1000	04/28/22	JLI	SW8260C	
Naphthalene	22000		7200	1400	ug/Kg	1000	04/28/22	JLI	SW8260C	
n-Butylbenzene	23000		7200	720	ug/Kg	1000	04/28/22	JLI	SW8260C	
n-Propylbenzene	100000		7200	1400	ug/Kg	1000	04/28/22	JLI	SW8260C	
o-Xylene	ND		7200	1400	ug/Kg	1000	04/28/22	JLI	SW8260C	
p-Isopropyltoluene	3400		2900	720	ug/Kg	1000	04/28/22	JLI	SW8260C	
sec-Butylbenzene	12000		7200	720	ug/Kg	1000	04/28/22	JLI	SW8260C	
Styrene	ND		7200	720	ug/Kg	1000	04/28/22	JLI	SW8260C	
tert-Butylbenzene	ND		5900	720	ug/Kg	1000	04/28/22	JLI	SW8260C	
Tetrachloroethene	ND		1400	1400	ug/Kg	1000	04/28/22	JLI	SW8260C	
Tetrahydrofuran (THF)	ND		14000	3600	ug/Kg	1000	04/28/22	JLI	SW8260C	
Toluene	ND		720	720	ug/Kg	1000	04/28/22	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		720	720	ug/Kg	1000	04/28/22	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		7200	720	ug/Kg	1000	04/28/22	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		14000	3600	ug/Kg	1000	04/28/22	JLI	SW8260C	
Trichloroethene	ND		720	720	ug/Kg	1000	04/28/22	JLI	SW8260C	
Trichlorofluoromethane	ND		7200	1400	ug/Kg	1000	04/28/22	JLI	SW8260C	
Trichlorotrifluoroethane	ND		7200	720	ug/Kg	1000	04/28/22	JLI	SW8260C	
Vinyl chloride	ND		720	720	ug/Kg	1000	04/28/22	JLI	SW8260C	

QA/QC Surrogates

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% 1,2-dichlorobenzene-d4 (1000x)	100			%	1000	04/28/22	JLI	70 - 130 %	
% Bromofluorobenzene (1000x)	99			%	1000	04/28/22	JLI	70 - 130 %	
% Dibromofluoromethane (1000x)	94			%	1000	04/28/22	JLI	70 - 130 %	
% Toluene-d8 (1000x)	91			%	1000	04/28/22	JLI	70 - 130 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	1	04/28/22	WB	SW8270D	
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	04/28/22	WB	SW8270D	
1,2-Dichlorobenzene	ND	260	110	ug/Kg	1	04/28/22	WB	SW8270D	
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	1	04/28/22	WB	SW8270D	
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	04/28/22	WB	SW8270D	
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	04/28/22	WB	SW8270D	
2,2'-Oxybis(1-Chloropropane)	ND	260	100	ug/Kg	1	04/28/22	WB	SW8270D	1
2,4,5-Trichlorophenol	ND	260	210	ug/Kg	1	04/28/22	WB	SW8270D	
2,4,6-Trichlorophenol	ND	190	120	ug/Kg	1	04/28/22	WB	SW8270D	
2,4-Dichlorophenol	ND	190	130	ug/Kg	1	04/28/22	WB	SW8270D	
2,4-Dimethylphenol	ND	260	93	ug/Kg	1	04/28/22	WB	SW8270D	
2,4-Dinitrophenol	ND	260	260	ug/Kg	1	04/28/22	WB	SW8270D	
2,4-Dinitrotoluene	ND	190	150	ug/Kg	1	04/28/22	WB	SW8270D	
2,6-Dinitrotoluene	ND	190	120	ug/Kg	1	04/28/22	WB	SW8270D	
2-Chloronaphthalene	ND	260	110	ug/Kg	1	04/28/22	WB	SW8270D	
2-Chlorophenol	ND	260	110	ug/Kg	1	04/28/22	WB	SW8270D	
2-Methylnaphthalene	610	260	110	ug/Kg	1	04/28/22	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	260	180	ug/Kg	1	04/28/22	WB	SW8270D	
2-Nitroaniline	ND	260	260	ug/Kg	1	04/28/22	WB	SW8270D	
2-Nitrophenol	ND	260	240	ug/Kg	1	04/28/22	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	1	04/28/22	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	190	180	ug/Kg	1	04/28/22	WB	SW8270D	
3-Nitroaniline	ND	370	750	ug/Kg	1	04/28/22	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	220	75	ug/Kg	1	04/28/22	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	1	04/28/22	WB	SW8270D	
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	04/28/22	WB	SW8270D	
4-Chloroaniline	ND	300	170	ug/Kg	1	04/28/22	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	260	130	ug/Kg	1	04/28/22	WB	SW8270D	
4-Nitroaniline	ND	370	130	ug/Kg	1	04/28/22	WB	SW8270D	
4-Nitrophenol	ND	370	170	ug/Kg	1	04/28/22	WB	SW8270D	
Acenaphthene	ND	260	110	ug/Kg	1	04/28/22	WB	SW8270D	
Acenaphthylene	ND	260	100	ug/Kg	1	04/28/22	WB	SW8270D	
Acetophenone	ND	260	120	ug/Kg	1	04/28/22	WB	SW8270D	
Aniline	ND	300	300	ug/Kg	1	04/28/22	WB	SW8270D	
Anthracene	ND	260	120	ug/Kg	1	04/28/22	WB	SW8270D	
Benz(a)anthracene	ND	260	130	ug/Kg	1	04/28/22	WB	SW8270D	
Benzidine	ND	370	220	ug/Kg	1	04/28/22	WB	SW8270D	
Benzo(a)pyrene	ND	190	120	ug/Kg	1	04/28/22	WB	SW8270D	
Benzo(b)fluoranthene	ND	260	130	ug/Kg	1	04/28/22	WB	SW8270D	
Benzo(ghi)perylene	ND	260	120	ug/Kg	1	04/28/22	WB	SW8270D	
Benzo(k)fluoranthene	ND	260	120	ug/Kg	1	04/28/22	WB	SW8270D	
Benzoic acid	ND	1900	750	ug/Kg	1	04/28/22	WB	SW8270D	
Benzyl butyl phthalate	ND	260	97	ug/Kg	1	04/28/22	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	04/28/22	WB	SW8270D	

Project ID: 558 SACKETT ST
Client ID: SB2 (13-15)

Phoenix I.D.: CL17712

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bis(2-chloroethyl)ether	ND	190	100	ug/Kg	1	04/28/22	WB	SW8270D
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	1	04/28/22	WB	SW8270D
Carbazole	ND	190	150	ug/Kg	1	04/28/22	WB	SW8270D
Chrysene	ND	260	130	ug/Kg	1	04/28/22	WB	SW8270D
Dibenz(a,h)anthracene	ND	190	120	ug/Kg	1	04/28/22	WB	SW8270D
Dibenzofuran	ND	260	110	ug/Kg	1	04/28/22	WB	SW8270D
Diethyl phthalate	ND	260	120	ug/Kg	1	04/28/22	WB	SW8270D
Dimethylphthalate	ND	260	120	ug/Kg	1	04/28/22	WB	SW8270D
Di-n-butylphthalate	ND	260	100	ug/Kg	1	04/28/22	WB	SW8270D
Di-n-octylphthalate	ND	260	97	ug/Kg	1	04/28/22	WB	SW8270D
Fluoranthene	ND	260	120	ug/Kg	1	04/28/22	WB	SW8270D
Fluorene	ND	260	120	ug/Kg	1	04/28/22	WB	SW8270D
Hexachlorobenzene	ND	190	110	ug/Kg	1	04/28/22	WB	SW8270D
Hexachlorobutadiene	ND	260	140	ug/Kg	1	04/28/22	WB	SW8270D
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	1	04/28/22	WB	SW8270D
Hexachloroethane	ND	190	110	ug/Kg	1	04/28/22	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	1	04/28/22	WB	SW8270D
Isophorone	ND	190	100	ug/Kg	1	04/28/22	WB	SW8270D
Naphthalene	1500	260	110	ug/Kg	1	04/28/22	WB	SW8270D
Nitrobenzene	ND	190	130	ug/Kg	1	04/28/22	WB	SW8270D
N-Nitrosodimethylamine	ND	260	110	ug/Kg	1	04/28/22	WB	SW8270D
N-Nitrosodi-n-propylamine	ND	190	120	ug/Kg	1	04/28/22	WB	SW8270D
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	04/28/22	WB	SW8270D
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	04/28/22	WB	SW8270D
Pentachlorophenol	ND	220	140	ug/Kg	1	04/28/22	WB	SW8270D
Phenanthrene	ND	260	110	ug/Kg	1	04/28/22	WB	SW8270D
Phenol	ND	260	120	ug/Kg	1	04/28/22	WB	SW8270D
Pyrene	ND	260	130	ug/Kg	1	04/28/22	WB	SW8270D
Pyridine	ND	260	92	ug/Kg	1	04/28/22	WB	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	110			%	1	04/28/22	WB	30 - 130 %
% 2-Fluorobiphenyl	83			%	1	04/28/22	WB	30 - 130 %
% 2-Fluorophenol	66			%	1	04/28/22	WB	30 - 130 %
% Nitrobenzene-d5	68			%	1	04/28/22	WB	30 - 130 %
% Phenol-d5	67			%	1	04/28/22	WB	30 - 130 %
% Terphenyl-d14	76			%	1	04/28/22	WB	30 - 130 %

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

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

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

Comments:

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

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

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

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:		04/26/22	9:45
Location Code:	BRUSSEE	Received by:	CP	04/27/22	15:29
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL17709
Phoenix ID: CL17713

Project ID: 558 SACKETT ST
Client ID: SB3 (0-2)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.41	0.41	mg/Kg	1	04/29/22	EK	SW6010D
Arsenic	6.54	0.83	mg/Kg	1	04/29/22	EK	SW6010D
Barium	108	0.8	mg/Kg	1	04/29/22	EK	SW6010D
Cadmium	0.83	0.41	mg/Kg	1	04/29/22	EK	SW6010D
Chromium	15.9	0.41	mg/Kg	1	04/29/22	EK	SW6010D
Mercury	1.69	0.15	mg/Kg	10	04/28/22	MGH	SW7471B
Lead	625	0.8	mg/Kg	1	04/29/22	EK	SW6010D
Selenium	< 1.7	1.7	mg/Kg	1	04/29/22	EK	SW6010D
Percent Solid	85		%		04/27/22	D	SW846-%Solid
Mercury Digestion	Completed				04/28/22	AB/KL/KL	SW7471B
Total Metals Digest	Completed				04/27/22	M/AG	SW3050B

Project ID: 558 SACKETT ST
Client ID: SB3 (0-2)

Phoenix I.D.: CL17713

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

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

Comments:

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

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

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

Phyllis Shiller, Laboratory Director

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

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:		04/26/22	9:45
Location Code:	BRUSSEE	Received by:	CP	04/27/22	15:29
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL17709
Phoenix ID: CL17714

Project ID: 558 SACKETT ST
Client ID: SB3 (10-12)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Percent Solid	83			%		04/27/22	D	SW846-%Solid	
Field Extraction	Completed					04/26/22		SW5035A	1
Soil Extraction for SVOA	Completed					04/27/22	R/I/L	SW3546	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1900	380	ug/Kg	200	04/28/22	JLI	SW8260C	
1,1,1-Trichloroethane	ND	680	190	ug/Kg	200	04/28/22	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1900	380	ug/Kg	200	04/28/22	JLI	SW8260C	
1,1,2-Trichloroethane	ND	1900	380	ug/Kg	200	04/28/22	JLI	SW8260C	
1,1-Dichloroethane	ND	380	380	ug/Kg	200	04/28/22	JLI	SW8260C	
1,1-Dichloroethene	ND	330	190	ug/Kg	200	04/28/22	JLI	SW8260C	
1,1-Dichloropropene	ND	1900	190	ug/Kg	200	04/28/22	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	1900	380	ug/Kg	200	04/28/22	JLI	SW8260C	
1,2,3-Trichloropropane	ND	1900	190	ug/Kg	200	04/28/22	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	1900	380	ug/Kg	200	04/28/22	JLI	SW8260C	
1,2,4-Trimethylbenzene	1200	1100	190	ug/Kg	200	04/28/22	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1900	380	ug/Kg	200	04/28/22	JLI	SW8260C	
1,2-Dibromoethane	ND	1900	190	ug/Kg	200	04/28/22	JLI	SW8260C	
1,2-Dichlorobenzene	ND	1100	190	ug/Kg	200	04/28/22	JLI	SW8260C	
1,2-Dichloroethane	ND	190	190	ug/Kg	200	04/28/22	JLI	SW8260C	
1,2-Dichloropropane	ND	1900	380	ug/Kg	200	04/28/22	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	1900	190	ug/Kg	200	04/28/22	JLI	SW8260C	
1,3-Dichlorobenzene	ND	1900	190	ug/Kg	200	04/28/22	JLI	SW8260C	
1,3-Dichloropropane	ND	1900	380	ug/Kg	200	04/28/22	JLI	SW8260C	
1,4-Dichlorobenzene	ND	1800	190	ug/Kg	200	04/28/22	JLI	SW8260C	
2,2-Dichloropropane	ND	1900	190	ug/Kg	200	04/28/22	JLI	SW8260C	
2-Chlorotoluene	ND	1900	380	ug/Kg	200	04/28/22	JLI	SW8260C	

Project ID: 558 SACKETT ST
Client ID: SB3 (10-12)

Phoenix I.D.: CL17714

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Hexanone	ND		9500	1900	ug/Kg	200	04/28/22	JLI	SW8260C	
2-Isopropyltoluene	ND		1900	190	ug/Kg	200	04/28/22	JLI	SW8260C	1
4-Chlorotoluene	ND		1900	190	ug/Kg	200	04/28/22	JLI	SW8260C	
4-Methyl-2-pentanone	ND		9500	1900	ug/Kg	200	04/28/22	JLI	SW8260C	
Acetone	ND		1900	1900	ug/Kg	200	04/28/22	JLI	SW8260C	
Acrylonitrile	ND		3800	380	ug/Kg	200	04/28/22	JLI	SW8260C	
Benzene	ND		190	190	ug/Kg	200	04/28/22	JLI	SW8260C	
Bromobenzene	ND		1900	190	ug/Kg	200	04/28/22	JLI	SW8260C	
Bromochloromethane	ND		1900	190	ug/Kg	200	04/28/22	JLI	SW8260C	
Bromodichloromethane	ND		1900	380	ug/Kg	200	04/28/22	JLI	SW8260C	
Bromoform	ND		1900	380	ug/Kg	200	04/28/22	JLI	SW8260C	
Bromomethane	ND		1900	760	ug/Kg	200	04/28/22	JLI	SW8260C	
Carbon Disulfide	ND		1900	380	ug/Kg	200	04/28/22	JLI	SW8260C	
Carbon tetrachloride	ND		760	380	ug/Kg	200	04/28/22	JLI	SW8260C	
Chlorobenzene	ND		1100	190	ug/Kg	200	04/28/22	JLI	SW8260C	
Chloroethane	ND		1900	190	ug/Kg	200	04/28/22	JLI	SW8260C	
Chloroform	ND		370	190	ug/Kg	200	04/28/22	JLI	SW8260C	
Chloromethane	ND		1900	380	ug/Kg	200	04/28/22	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		250	190	ug/Kg	200	04/28/22	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		1900	190	ug/Kg	200	04/28/22	JLI	SW8260C	
Dibromochloromethane	ND		1900	380	ug/Kg	200	04/28/22	JLI	SW8260C	
Dibromomethane	ND		1900	380	ug/Kg	200	04/28/22	JLI	SW8260C	
Dichlorodifluoromethane	ND		1900	190	ug/Kg	200	04/28/22	JLI	SW8260C	
Ethylbenzene	1400		1000	190	ug/Kg	200	04/28/22	JLI	SW8260C	
Hexachlorobutadiene	ND		1900	190	ug/Kg	200	04/28/22	JLI	SW8260C	
Isopropylbenzene	750	J	1900	190	ug/Kg	200	04/28/22	JLI	SW8260C	
m&p-Xylene	ND		1900	380	ug/Kg	200	04/28/22	JLI	SW8260C	
Methyl Ethyl Ketone	ND		760	760	ug/Kg	200	04/28/22	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		930	380	ug/Kg	200	04/28/22	JLI	SW8260C	
Methylene chloride	ND		760	760	ug/Kg	200	04/28/22	JLI	SW8260C	
Naphthalene	67000		9500	1900	ug/Kg	1000	04/28/22	JLI	SW8260C	
n-Butylbenzene	ND		1900	190	ug/Kg	200	04/28/22	JLI	SW8260C	
n-Propylbenzene	930		760	380	ug/Kg	200	04/28/22	JLI	SW8260C	
o-Xylene	ND		1900	380	ug/Kg	200	04/28/22	JLI	SW8260C	
p-Isopropyltoluene	210	J	1900	190	ug/Kg	200	04/28/22	JLI	SW8260C	
sec-Butylbenzene	ND		1900	190	ug/Kg	200	04/28/22	JLI	SW8260C	
Styrene	ND		1900	190	ug/Kg	200	04/28/22	JLI	SW8260C	
tert-Butylbenzene	ND		1900	190	ug/Kg	200	04/28/22	JLI	SW8260C	
Tetrachloroethene	ND		1300	380	ug/Kg	200	04/28/22	JLI	SW8260C	
Tetrahydrofuran (THF)	ND		3800	950	ug/Kg	200	04/28/22	JLI	SW8260C	
Toluene	ND		700	190	ug/Kg	200	04/28/22	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		190	190	ug/Kg	200	04/28/22	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		1900	190	ug/Kg	200	04/28/22	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		3800	950	ug/Kg	200	04/28/22	JLI	SW8260C	
Trichloroethene	ND		470	190	ug/Kg	200	04/28/22	JLI	SW8260C	
Trichlorofluoromethane	ND		1900	380	ug/Kg	200	04/28/22	JLI	SW8260C	
Trichlorotrifluoroethane	ND		1900	190	ug/Kg	200	04/28/22	JLI	SW8260C	
Vinyl chloride	ND		190	190	ug/Kg	200	04/28/22	JLI	SW8260C	

QA/QC Surrogates

Project ID: 558 SACKETT ST
Client ID: SB3 (10-12)

Phoenix I.D.: CL17714

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% 1,2-dichlorobenzene-d4 (200x)	94				%	200	04/28/22	JLI	70 - 130 %	
% Bromofluorobenzene (200x)	98				%	200	04/28/22	JLI	70 - 130 %	
% Dibromofluoromethane (200x)	101				%	200	04/28/22	JLI	70 - 130 %	
% Toluene-d8 (200x)	94				%	200	04/28/22	JLI	70 - 130 %	
% 1,2-dichlorobenzene-d4 (1000x)	95				%	1000	04/28/22	JLI	70 - 130 %	
% Bromofluorobenzene (1000x)	96				%	1000	04/28/22	JLI	70 - 130 %	
% Dibromofluoromethane (1000x)	101				%	1000	04/28/22	JLI	70 - 130 %	
% Toluene-d8 (1000x)	93				%	1000	04/28/22	JLI	70 - 130 %	
Semivolatiles										
1,2,4,5-Tetrachlorobenzene	ND		280	140	ug/Kg	1	04/28/22	WB	SW8270D	
1,2,4-Trichlorobenzene	ND		280	120	ug/Kg	1	04/28/22	WB	SW8270D	
1,2-Dichlorobenzene	ND		280	110	ug/Kg	1	04/28/22	WB	SW8270D	
1,2-Diphenylhydrazine	ND		280	130	ug/Kg	1	04/28/22	WB	SW8270D	
1,3-Dichlorobenzene	ND		280	120	ug/Kg	1	04/28/22	WB	SW8270D	
1,4-Dichlorobenzene	ND		280	120	ug/Kg	1	04/28/22	WB	SW8270D	
2,2'-Oxybis(1-Chloropropane)	ND		280	110	ug/Kg	1	04/28/22	WB	SW8270D	1
2,4,5-Trichlorophenol	ND		280	220	ug/Kg	1	04/28/22	WB	SW8270D	
2,4,6-Trichlorophenol	ND		200	130	ug/Kg	1	04/28/22	WB	SW8270D	
2,4-Dichlorophenol	ND		200	140	ug/Kg	1	04/28/22	WB	SW8270D	
2,4-Dimethylphenol	ND		280	98	ug/Kg	1	04/28/22	WB	SW8270D	
2,4-Dinitrophenol	ND		280	280	ug/Kg	1	04/28/22	WB	SW8270D	
2,4-Dinitrotoluene	ND		200	160	ug/Kg	1	04/28/22	WB	SW8270D	
2,6-Dinitrotoluene	ND		200	130	ug/Kg	1	04/28/22	WB	SW8270D	
2-Chloronaphthalene	ND		280	110	ug/Kg	1	04/28/22	WB	SW8270D	
2-Chlorophenol	ND		280	110	ug/Kg	1	04/28/22	WB	SW8270D	
2-Methylnaphthalene	19000		2800	1200	ug/Kg	10	04/28/22	WB	SW8270D	
2-Methylphenol (o-cresol)	ND		280	190	ug/Kg	1	04/28/22	WB	SW8270D	
2-Nitroaniline	ND		280	280	ug/Kg	1	04/28/22	WB	SW8270D	
2-Nitrophenol	ND		280	250	ug/Kg	1	04/28/22	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		280	160	ug/Kg	1	04/28/22	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND		200	190	ug/Kg	1	04/28/22	WB	SW8270D	
3-Nitroaniline	ND		400	790	ug/Kg	1	04/28/22	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND		240	79	ug/Kg	1	04/28/22	WB	SW8270D	
4-Bromophenyl phenyl ether	ND		280	120	ug/Kg	1	04/28/22	WB	SW8270D	
4-Chloro-3-methylphenol	ND		280	140	ug/Kg	1	04/28/22	WB	SW8270D	
4-Chloroaniline	ND		320	180	ug/Kg	1	04/28/22	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND		280	130	ug/Kg	1	04/28/22	WB	SW8270D	
4-Nitroaniline	ND		400	130	ug/Kg	1	04/28/22	WB	SW8270D	
4-Nitrophenol	ND		400	180	ug/Kg	1	04/28/22	WB	SW8270D	
Acenaphthene	6200		280	120	ug/Kg	1	04/28/22	WB	SW8270D	
Acenaphthylene	ND		280	110	ug/Kg	1	04/28/22	WB	SW8270D	
Acetophenone	ND		280	120	ug/Kg	1	04/28/22	WB	SW8270D	
Aniline	ND		320	320	ug/Kg	1	04/28/22	WB	SW8270D	
Anthracene	910		280	130	ug/Kg	1	04/28/22	WB	SW8270D	
Benz(a)anthracene	390		280	130	ug/Kg	1	04/28/22	WB	SW8270D	
Benzidine	ND		400	230	ug/Kg	1	04/28/22	WB	SW8270D	
Benzo(a)pyrene	350		200	130	ug/Kg	1	04/28/22	WB	SW8270D	
Benzo(b)fluoranthene	150	J	280	140	ug/Kg	1	04/28/22	WB	SW8270D	
Benzo(ghi)perylene	150	J	280	130	ug/Kg	1	04/28/22	WB	SW8270D	

Project ID: 558 SACKETT ST
Client ID: SB3 (10-12)

Phoenix I.D.: CL17714

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Benzo(k)fluoranthene	210	J	280	130	ug/Kg	1	04/28/22	WB	SW8270D
Benzoic acid	ND		2000	790	ug/Kg	1	04/28/22	WB	SW8270D
Benzyl butyl phthalate	ND		280	100	ug/Kg	1	04/28/22	WB	SW8270D
Bis(2-chloroethoxy)methane	ND		280	110	ug/Kg	1	04/28/22	WB	SW8270D
Bis(2-chloroethyl)ether	ND		200	110	ug/Kg	1	04/28/22	WB	SW8270D
Bis(2-ethylhexyl)phthalate	ND		280	110	ug/Kg	1	04/28/22	WB	SW8270D
Carbazole	ND		200	160	ug/Kg	1	04/28/22	WB	SW8270D
Chrysene	390		280	130	ug/Kg	1	04/28/22	WB	SW8270D
Dibenz(a,h)anthracene	ND		200	130	ug/Kg	1	04/28/22	WB	SW8270D
Dibenzofuran	170	J	280	120	ug/Kg	1	04/28/22	WB	SW8270D
Diethyl phthalate	ND		280	130	ug/Kg	1	04/28/22	WB	SW8270D
Dimethylphthalate	ND		280	120	ug/Kg	1	04/28/22	WB	SW8270D
Di-n-butylphthalate	ND		280	110	ug/Kg	1	04/28/22	WB	SW8270D
Di-n-octylphthalate	ND		280	100	ug/Kg	1	04/28/22	WB	SW8270D
Fluoranthene	710		280	130	ug/Kg	1	04/28/22	WB	SW8270D
Fluorene	2000		280	130	ug/Kg	1	04/28/22	WB	SW8270D
Hexachlorobenzene	ND		200	120	ug/Kg	1	04/28/22	WB	SW8270D
Hexachlorobutadiene	ND		280	140	ug/Kg	1	04/28/22	WB	SW8270D
Hexachlorocyclopentadiene	ND		280	120	ug/Kg	1	04/28/22	WB	SW8270D
Hexachloroethane	ND		200	120	ug/Kg	1	04/28/22	WB	SW8270D
Indeno(1,2,3-cd)pyrene	160	J	280	130	ug/Kg	1	04/28/22	WB	SW8270D
Isophorone	ND		200	110	ug/Kg	1	04/28/22	WB	SW8270D
Naphthalene	51000		2800	1100	ug/Kg	10	04/28/22	WB	SW8270D
Nitrobenzene	ND		200	140	ug/Kg	1	04/28/22	WB	SW8270D
N-Nitrosodimethylamine	ND		280	110	ug/Kg	1	04/28/22	WB	SW8270D
N-Nitrosodi-n-propylamine	ND		200	130	ug/Kg	1	04/28/22	WB	SW8270D
N-Nitrosodiphenylamine	ND		280	150	ug/Kg	1	04/28/22	WB	SW8270D
Pentachloronitrobenzene	ND		280	150	ug/Kg	1	04/28/22	WB	SW8270D
Pentachlorophenol	ND		240	150	ug/Kg	1	04/28/22	WB	SW8270D
Phenanthrene	3700		280	110	ug/Kg	1	04/28/22	WB	SW8270D
Phenol	ND		280	130	ug/Kg	1	04/28/22	WB	SW8270D
Pyrene	1100		280	140	ug/Kg	1	04/28/22	WB	SW8270D
Pyridine	ND		280	97	ug/Kg	1	04/28/22	WB	SW8270D
QA/QC Surrogates									
% 2,4,6-Tribromophenol	105				%	1	04/28/22	WB	30 - 130 %
% 2-Fluorobiphenyl	85				%	1	04/28/22	WB	30 - 130 %
% 2-Fluorophenol	70				%	1	04/28/22	WB	30 - 130 %
% Nitrobenzene-d5	77				%	1	04/28/22	WB	30 - 130 %
% Phenol-d5	77				%	1	04/28/22	WB	30 - 130 %
% Terphenyl-d14	70				%	1	04/28/22	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 %

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

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

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

Comments:

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

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

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

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:		04/26/22	9:45
Location Code:	BRUSSEE	Received by:	CP	04/27/22	15:29
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL17709
Phoenix ID: CL17715

Project ID: 558 SACKETT ST
Client ID: SB4 (3-5)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	9.50	0.43	mg/Kg	1	04/29/22	EK	SW6010D
Arsenic	19.6	0.86	mg/Kg	1	04/29/22	EK	SW6010D
Barium	1540	0.9	mg/Kg	1	04/29/22	EK	SW6010D
Cadmium	11.1	0.43	mg/Kg	1	04/29/22	EK	SW6010D
Chromium	84.2	0.43	mg/Kg	1	04/29/22	EK	SW6010D
Mercury	3.05	0.15	mg/Kg	10	04/28/22	MGH	SW7471B
Lead	2280	86	mg/Kg	100	05/02/22	EK	SW6010D
Selenium	2.1	1.7	mg/Kg	1	04/29/22	EK	SW6010D
Percent Solid	80		%		04/27/22	D	SW846-%Solid
Mercury Digestion	Completed				04/28/22	AB/KL/KL	SW7471B
Total Metals Digest	Completed				04/27/22	M/AG	SW3050B

Project ID: 558 SACKETT ST
Client ID: SB4 (3-5)

Phoenix I.D.: CL17715

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

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

Comments:

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

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

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

Phyllis Shiller, Laboratory Director

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

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:		04/26/22	9:45
Location Code:	BRUSSEE	Received by:	CP	04/27/22	15:29
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL17709
Phoenix ID: CL17716

Project ID: 558 SACKETT ST
Client ID: SB4 (9-11)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Percent Solid	85			%		04/27/22	D	SW846-%Solid	
Field Extraction	Completed					04/26/22		SW5035A	1
Soil Extraction for SVOA	Completed					04/27/22	R/I/L	SW3546	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1300	260	ug/Kg	200	04/29/22	JLI	SW8260C	
1,1,1-Trichloroethane	ND	680	130	ug/Kg	200	04/29/22	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1300	260	ug/Kg	200	04/29/22	JLI	SW8260C	
1,1,2-Trichloroethane	ND	1300	260	ug/Kg	200	04/29/22	JLI	SW8260C	
1,1-Dichloroethane	ND	270	260	ug/Kg	200	04/29/22	JLI	SW8260C	
1,1-Dichloroethene	ND	330	130	ug/Kg	200	04/29/22	JLI	SW8260C	
1,1-Dichloropropene	ND	1300	130	ug/Kg	200	04/29/22	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	1300	260	ug/Kg	200	04/29/22	JLI	SW8260C	
1,2,3-Trichloropropane	ND	1300	130	ug/Kg	200	04/29/22	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	1300	260	ug/Kg	200	04/29/22	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	1300	130	ug/Kg	200	04/29/22	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1300	260	ug/Kg	200	04/29/22	JLI	SW8260C	
1,2-Dibromoethane	ND	1300	130	ug/Kg	200	04/29/22	JLI	SW8260C	
1,2-Dichlorobenzene	ND	1100	130	ug/Kg	200	04/29/22	JLI	SW8260C	
1,2-Dichloroethane	ND	130	130	ug/Kg	200	04/29/22	JLI	SW8260C	
1,2-Dichloropropane	ND	1300	260	ug/Kg	200	04/29/22	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	1300	130	ug/Kg	200	04/29/22	JLI	SW8260C	
1,3-Dichlorobenzene	ND	1300	130	ug/Kg	200	04/29/22	JLI	SW8260C	
1,3-Dichloropropane	ND	1300	260	ug/Kg	200	04/29/22	JLI	SW8260C	
1,4-Dichlorobenzene	ND	1300	130	ug/Kg	200	04/29/22	JLI	SW8260C	
2,2-Dichloropropane	ND	1300	130	ug/Kg	200	04/29/22	JLI	SW8260C	
2-Chlorotoluene	ND	1300	260	ug/Kg	200	04/29/22	JLI	SW8260C	

Project ID: 558 SACKETT ST
Client ID: SB4 (9-11)

Phoenix I.D.: CL17716

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Hexanone	ND		6500	1300	ug/Kg	200	04/29/22	JLI	SW8260C	
2-Isopropyltoluene	730		650	130	ug/Kg	200	04/29/22	JLI	SW8260C	1
4-Chlorotoluene	ND		1300	130	ug/Kg	200	04/29/22	JLI	SW8260C	
4-Methyl-2-pentanone	ND		6500	1300	ug/Kg	200	04/29/22	JLI	SW8260C	
Acetone	ND		1300	1300	ug/Kg	200	04/29/22	JLI	SW8260C	
Acrylonitrile	ND		2600	260	ug/Kg	200	04/29/22	JLI	SW8260C	
Benzene	ND		130	130	ug/Kg	200	04/29/22	JLI	SW8260C	
Bromobenzene	ND		1300	130	ug/Kg	200	04/29/22	JLI	SW8260C	
Bromochloromethane	ND		1300	130	ug/Kg	200	04/29/22	JLI	SW8260C	
Bromodichloromethane	ND		1300	260	ug/Kg	200	04/29/22	JLI	SW8260C	
Bromoform	ND		1300	260	ug/Kg	200	04/29/22	JLI	SW8260C	
Bromomethane	ND		1300	520	ug/Kg	200	04/29/22	JLI	SW8260C	
Carbon Disulfide	ND		1300	260	ug/Kg	200	04/29/22	JLI	SW8260C	
Carbon tetrachloride	ND		760	260	ug/Kg	200	04/29/22	JLI	SW8260C	
Chlorobenzene	ND		1100	130	ug/Kg	200	04/29/22	JLI	SW8260C	
Chloroethane	ND		1300	130	ug/Kg	200	04/29/22	JLI	SW8260C	
Chloroform	ND		370	130	ug/Kg	200	04/29/22	JLI	SW8260C	
Chloromethane	ND		1300	260	ug/Kg	200	04/29/22	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		250	130	ug/Kg	200	04/29/22	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		1300	130	ug/Kg	200	04/29/22	JLI	SW8260C	
Dibromochloromethane	ND		1300	260	ug/Kg	200	04/29/22	JLI	SW8260C	
Dibromomethane	ND		1300	260	ug/Kg	200	04/29/22	JLI	SW8260C	
Dichlorodifluoromethane	ND		1300	130	ug/Kg	200	04/29/22	JLI	SW8260C	
Ethylbenzene	ND		1000	130	ug/Kg	200	04/29/22	JLI	SW8260C	
Hexachlorobutadiene	ND		1300	130	ug/Kg	200	04/29/22	JLI	SW8260C	
Isopropylbenzene	8200		1300	130	ug/Kg	200	04/29/22	JLI	SW8260C	
m&p-Xylene	ND		1300	260	ug/Kg	200	04/29/22	JLI	SW8260C	
Methyl Ethyl Ketone	ND		520	520	ug/Kg	200	04/29/22	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		930	260	ug/Kg	200	04/29/22	JLI	SW8260C	
Methylene chloride	ND		520	520	ug/Kg	200	04/29/22	JLI	SW8260C	
Naphthalene	ND		1300	260	ug/Kg	200	04/29/22	JLI	SW8260C	
n-Butylbenzene	11000		1300	130	ug/Kg	200	04/29/22	JLI	SW8260C	
n-Propylbenzene	32000		1300	260	ug/Kg	200	04/29/22	JLI	SW8260C	
o-Xylene	ND		1300	260	ug/Kg	200	04/29/22	JLI	SW8260C	
p-Isopropyltoluene	230	J	1300	130	ug/Kg	200	04/29/22	JLI	SW8260C	
sec-Butylbenzene	5700		1300	130	ug/Kg	200	04/29/22	JLI	SW8260C	
Styrene	ND		1300	130	ug/Kg	200	04/29/22	JLI	SW8260C	
tert-Butylbenzene	ND		1300	130	ug/Kg	200	04/29/22	JLI	SW8260C	
Tetrachloroethene	ND		1300	260	ug/Kg	200	04/29/22	JLI	SW8260C	
Tetrahydrofuran (THF)	ND		2600	650	ug/Kg	200	04/29/22	JLI	SW8260C	
Toluene	ND		700	130	ug/Kg	200	04/29/22	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		190	130	ug/Kg	200	04/29/22	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		1300	130	ug/Kg	200	04/29/22	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		2600	650	ug/Kg	200	04/29/22	JLI	SW8260C	
Trichloroethene	ND		470	130	ug/Kg	200	04/29/22	JLI	SW8260C	
Trichlorofluoromethane	ND		1300	260	ug/Kg	200	04/29/22	JLI	SW8260C	
Trichlorotrifluoroethane	ND		1300	130	ug/Kg	200	04/29/22	JLI	SW8260C	
Vinyl chloride	ND		130	130	ug/Kg	200	04/29/22	JLI	SW8260C	

QA/QC Surrogates

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% 1,2-dichlorobenzene-d4 (200x)	98				%	200	04/29/22	JLI	70 - 130 %	
% Bromofluorobenzene (200x)	100				%	200	04/29/22	JLI	70 - 130 %	
% Dibromofluoromethane (200x)	92				%	200	04/29/22	JLI	70 - 130 %	
% Toluene-d8 (200x)	96				%	200	04/29/22	JLI	70 - 130 %	
Semivolatiles										
1,2,4,5-Tetrachlorobenzene	ND		270	140	ug/Kg	1	04/28/22	WB	SW8270D	
1,2,4-Trichlorobenzene	ND		270	120	ug/Kg	1	04/28/22	WB	SW8270D	
1,2-Dichlorobenzene	ND		270	110	ug/Kg	1	04/28/22	WB	SW8270D	
1,2-Diphenylhydrazine	ND		270	130	ug/Kg	1	04/28/22	WB	SW8270D	
1,3-Dichlorobenzene	ND		270	120	ug/Kg	1	04/28/22	WB	SW8270D	
1,4-Dichlorobenzene	ND		270	120	ug/Kg	1	04/28/22	WB	SW8270D	
2,2'-Oxybis(1-Chloropropane)	ND		270	110	ug/Kg	1	04/28/22	WB	SW8270D	1
2,4,5-Trichlorophenol	ND		270	210	ug/Kg	1	04/28/22	WB	SW8270D	
2,4,6-Trichlorophenol	ND		200	130	ug/Kg	1	04/28/22	WB	SW8270D	
2,4-Dichlorophenol	ND		200	140	ug/Kg	1	04/28/22	WB	SW8270D	
2,4-Dimethylphenol	ND		270	97	ug/Kg	1	04/28/22	WB	SW8270D	
2,4-Dinitrophenol	ND		270	270	ug/Kg	1	04/28/22	WB	SW8270D	
2,4-Dinitrotoluene	ND		200	150	ug/Kg	1	04/28/22	WB	SW8270D	
2,6-Dinitrotoluene	ND		200	120	ug/Kg	1	04/28/22	WB	SW8270D	
2-Chloronaphthalene	ND		270	110	ug/Kg	1	04/28/22	WB	SW8270D	
2-Chlorophenol	ND		270	110	ug/Kg	1	04/28/22	WB	SW8270D	
2-Methylnaphthalene	2100		270	120	ug/Kg	1	04/28/22	WB	SW8270D	
2-Methylphenol (o-cresol)	ND		270	180	ug/Kg	1	04/28/22	WB	SW8270D	
2-Nitroaniline	ND		270	270	ug/Kg	1	04/28/22	WB	SW8270D	
2-Nitrophenol	ND		270	250	ug/Kg	1	04/28/22	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		270	150	ug/Kg	1	04/28/22	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND		200	180	ug/Kg	1	04/28/22	WB	SW8270D	
3-Nitroaniline	ND		390	780	ug/Kg	1	04/28/22	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND		230	78	ug/Kg	1	04/28/22	WB	SW8270D	
4-Bromophenyl phenyl ether	ND		270	120	ug/Kg	1	04/28/22	WB	SW8270D	
4-Chloro-3-methylphenol	ND		270	140	ug/Kg	1	04/28/22	WB	SW8270D	
4-Chloroaniline	ND		310	180	ug/Kg	1	04/28/22	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND		270	130	ug/Kg	1	04/28/22	WB	SW8270D	
4-Nitroaniline	ND		390	130	ug/Kg	1	04/28/22	WB	SW8270D	
4-Nitrophenol	ND		390	180	ug/Kg	1	04/28/22	WB	SW8270D	
Acenaphthene	ND		270	120	ug/Kg	1	04/28/22	WB	SW8270D	
Acenaphthylene	ND		270	110	ug/Kg	1	04/28/22	WB	SW8270D	
Acetophenone	ND		270	120	ug/Kg	1	04/28/22	WB	SW8270D	
Aniline	ND		310	310	ug/Kg	1	04/28/22	WB	SW8270D	
Anthracene	ND		270	130	ug/Kg	1	04/28/22	WB	SW8270D	
Benz(a)anthracene	220	J	270	130	ug/Kg	1	04/28/22	WB	SW8270D	
Benzidine	ND		390	230	ug/Kg	1	04/28/22	WB	SW8270D	
Benzo(a)pyrene	240		200	130	ug/Kg	1	04/28/22	WB	SW8270D	
Benzo(b)fluoranthene	220	J	270	130	ug/Kg	1	04/28/22	WB	SW8270D	
Benzo(ghi)perylene	170	J	270	130	ug/Kg	1	04/28/22	WB	SW8270D	
Benzo(k)fluoranthene	200	J	270	130	ug/Kg	1	04/28/22	WB	SW8270D	
Benzoic acid	ND		2000	780	ug/Kg	1	04/28/22	WB	SW8270D	
Benzyl butyl phthalate	ND		270	100	ug/Kg	1	04/28/22	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND		270	110	ug/Kg	1	04/28/22	WB	SW8270D	

Project ID: 558 SACKETT ST
Client ID: SB4 (9-11)

Phoenix I.D.: CL17716

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bis(2-chloroethyl)ether	ND		200	110	ug/Kg	1	04/28/22	WB	SW8270D
Bis(2-ethylhexyl)phthalate	ND		270	110	ug/Kg	1	04/28/22	WB	SW8270D
Carbazole	ND		200	160	ug/Kg	1	04/28/22	WB	SW8270D
Chrysene	290		270	130	ug/Kg	1	04/28/22	WB	SW8270D
Dibenz(a,h)anthracene	ND		200	130	ug/Kg	1	04/28/22	WB	SW8270D
Dibenzofuran	ND		270	110	ug/Kg	1	04/28/22	WB	SW8270D
Diethyl phthalate	ND		270	120	ug/Kg	1	04/28/22	WB	SW8270D
Dimethylphthalate	ND		270	120	ug/Kg	1	04/28/22	WB	SW8270D
Di-n-butylphthalate	ND		270	100	ug/Kg	1	04/28/22	WB	SW8270D
Di-n-octylphthalate	ND		270	100	ug/Kg	1	04/28/22	WB	SW8270D
Fluoranthene	610		270	130	ug/Kg	1	04/28/22	WB	SW8270D
Fluorene	ND		270	130	ug/Kg	1	04/28/22	WB	SW8270D
Hexachlorobenzene	ND		200	110	ug/Kg	1	04/28/22	WB	SW8270D
Hexachlorobutadiene	ND		270	140	ug/Kg	1	04/28/22	WB	SW8270D
Hexachlorocyclopentadiene	ND		270	120	ug/Kg	1	04/28/22	WB	SW8270D
Hexachloroethane	ND		200	120	ug/Kg	1	04/28/22	WB	SW8270D
Indeno(1,2,3-cd)pyrene	180	J	270	130	ug/Kg	1	04/28/22	WB	SW8270D
Isophorone	ND		200	110	ug/Kg	1	04/28/22	WB	SW8270D
Naphthalene	2000		270	110	ug/Kg	1	04/28/22	WB	SW8270D
Nitrobenzene	ND		200	140	ug/Kg	1	04/28/22	WB	SW8270D
N-Nitrosodimethylamine	ND		270	110	ug/Kg	1	04/28/22	WB	SW8270D
N-Nitrosodi-n-propylamine	ND		200	130	ug/Kg	1	04/28/22	WB	SW8270D
N-Nitrosodiphenylamine	ND		270	150	ug/Kg	1	04/28/22	WB	SW8270D
Pentachloronitrobenzene	ND		270	150	ug/Kg	1	04/28/22	WB	SW8270D
Pentachlorophenol	ND		230	150	ug/Kg	1	04/28/22	WB	SW8270D
Phenanthrene	670		270	110	ug/Kg	1	04/28/22	WB	SW8270D
Phenol	ND		270	130	ug/Kg	1	04/28/22	WB	SW8270D
Pyrene	520		270	130	ug/Kg	1	04/28/22	WB	SW8270D
Pyridine	ND		270	96	ug/Kg	1	04/28/22	WB	SW8270D
QA/QC Surrogates									
% 2,4,6-Tribromophenol	80				%	1	04/28/22	WB	30 - 130 %
% 2-Fluorobiphenyl	75				%	1	04/28/22	WB	30 - 130 %
% 2-Fluorophenol	45				%	1	04/28/22	WB	30 - 130 %
% Nitrobenzene-d5	57				%	1	04/28/22	WB	30 - 130 %
% Phenol-d5	57				%	1	04/28/22	WB	30 - 130 %
% Terphenyl-d14	79				%	1	04/28/22	WB	30 - 130 %

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

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

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

Comments:

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

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

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

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:		04/26/22	9:45
Location Code:	BRUSSEE	Received by:	CP	04/27/22	15:29
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL17709
Phoenix ID: CL17717

Project ID: 558 SACKETT ST
Client ID: SB6 (0-2)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	2.82	0.38	mg/Kg	1	04/29/22	EK	SW6010D
Arsenic	12.3	0.76	mg/Kg	1	04/29/22	EK	SW6010D
Barium	440	0.8	mg/Kg	1	04/29/22	EK	SW6010D
Cadmium	2.57	0.38	mg/Kg	1	04/29/22	EK	SW6010D
Chromium	46.5	0.38	mg/Kg	1	04/29/22	EK	SW6010D
Mercury	0.79	0.03	mg/Kg	2	04/28/22	MGH	SW7471B
Lead	713	0.8	mg/Kg	1	04/29/22	EK	SW6010D
Selenium	< 1.5	1.5	mg/Kg	1	04/29/22	EK	SW6010D
Percent Solid	90		%		04/27/22	D	SW846-%Solid
Mercury Digestion	Completed				04/28/22	AB/KL/KL	SW7471B
Total Metals Digest	Completed				04/27/22	M/AG	SW3050B

Project ID: 558 SACKETT ST
Client ID: SB6 (0-2)

Phoenix I.D.: CL17717

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

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

Comments:

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

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

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

Phyllis Shiller, Laboratory Director

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

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:		04/26/22	9:45
Location Code:	BRUSSEE	Received by:	CP	04/27/22	15:29
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL17709
Phoenix ID: CL17718

Project ID: 558 SACKETT ST
Client ID: SB6 (8-10)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Percent Solid	83			%		04/27/22	D	SW846-%Solid	
Field Extraction	Completed					04/26/22		SW5035A	1
Soil Extraction for SVOA	Completed					04/27/22	R/I/L	SW3546	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1600	330	ug/Kg	200	04/28/22	JLI	SW8260C	
1,1,1-Trichloroethane	ND	680	160	ug/Kg	200	04/28/22	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1600	330	ug/Kg	200	04/28/22	JLI	SW8260C	
1,1,2-Trichloroethane	ND	1600	330	ug/Kg	200	04/28/22	JLI	SW8260C	
1,1-Dichloroethane	ND	330	330	ug/Kg	200	04/28/22	JLI	SW8260C	
1,1-Dichloroethene	ND	330	160	ug/Kg	200	04/28/22	JLI	SW8260C	
1,1-Dichloropropene	ND	1600	160	ug/Kg	200	04/28/22	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	1600	330	ug/Kg	200	04/28/22	JLI	SW8260C	
1,2,3-Trichloropropane	ND	1600	160	ug/Kg	200	04/28/22	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	1600	330	ug/Kg	200	04/28/22	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	1600	160	ug/Kg	200	04/28/22	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1600	330	ug/Kg	200	04/28/22	JLI	SW8260C	
1,2-Dibromoethane	ND	1600	160	ug/Kg	200	04/28/22	JLI	SW8260C	
1,2-Dichlorobenzene	ND	1100	160	ug/Kg	200	04/28/22	JLI	SW8260C	
1,2-Dichloroethane	ND	160	160	ug/Kg	200	04/28/22	JLI	SW8260C	
1,2-Dichloropropane	ND	1600	330	ug/Kg	200	04/28/22	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	1600	160	ug/Kg	200	04/28/22	JLI	SW8260C	
1,3-Dichlorobenzene	ND	1600	160	ug/Kg	200	04/28/22	JLI	SW8260C	
1,3-Dichloropropane	ND	1600	330	ug/Kg	200	04/28/22	JLI	SW8260C	
1,4-Dichlorobenzene	ND	1600	160	ug/Kg	200	04/28/22	JLI	SW8260C	
2,2-Dichloropropane	ND	1600	160	ug/Kg	200	04/28/22	JLI	SW8260C	
2-Chlorotoluene	ND	1600	330	ug/Kg	200	04/28/22	JLI	SW8260C	

Project ID: 558 SACKETT ST
Client ID: SB6 (8-10)

Phoenix I.D.: CL17718

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Hexanone	ND	8200	1600	ug/Kg	200	04/28/22	JLI	SW8260C	
2-Isopropyltoluene	670	660	160	ug/Kg	200	04/28/22	JLI	SW8260C	1
4-Chlorotoluene	ND	1600	160	ug/Kg	200	04/28/22	JLI	SW8260C	
4-Methyl-2-pentanone	ND	8200	1600	ug/Kg	200	04/28/22	JLI	SW8260C	
Acetone	ND	1600	1600	ug/Kg	200	04/28/22	JLI	SW8260C	
Acrylonitrile	ND	3300	330	ug/Kg	200	04/28/22	JLI	SW8260C	
Benzene	ND	160	160	ug/Kg	200	04/28/22	JLI	SW8260C	
Bromobenzene	ND	1600	160	ug/Kg	200	04/28/22	JLI	SW8260C	
Bromochloromethane	ND	1600	160	ug/Kg	200	04/28/22	JLI	SW8260C	
Bromodichloromethane	ND	1600	330	ug/Kg	200	04/28/22	JLI	SW8260C	
Bromoform	ND	1600	330	ug/Kg	200	04/28/22	JLI	SW8260C	
Bromomethane	ND	1600	660	ug/Kg	200	04/28/22	JLI	SW8260C	
Carbon Disulfide	ND	1600	330	ug/Kg	200	04/28/22	JLI	SW8260C	
Carbon tetrachloride	ND	760	330	ug/Kg	200	04/28/22	JLI	SW8260C	
Chlorobenzene	ND	1100	160	ug/Kg	200	04/28/22	JLI	SW8260C	
Chloroethane	ND	1600	160	ug/Kg	200	04/28/22	JLI	SW8260C	
Chloroform	ND	370	160	ug/Kg	200	04/28/22	JLI	SW8260C	
Chloromethane	ND	1600	330	ug/Kg	200	04/28/22	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	250	160	ug/Kg	200	04/28/22	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	1600	160	ug/Kg	200	04/28/22	JLI	SW8260C	
Dibromochloromethane	ND	1600	330	ug/Kg	200	04/28/22	JLI	SW8260C	
Dibromomethane	ND	1600	330	ug/Kg	200	04/28/22	JLI	SW8260C	
Dichlorodifluoromethane	ND	1600	160	ug/Kg	200	04/28/22	JLI	SW8260C	
Ethylbenzene	ND	1000	160	ug/Kg	200	04/28/22	JLI	SW8260C	
Hexachlorobutadiene	ND	1600	160	ug/Kg	200	04/28/22	JLI	SW8260C	
Isopropylbenzene	5200	1600	160	ug/Kg	200	04/28/22	JLI	SW8260C	
m&p-Xylene	ND	1600	330	ug/Kg	200	04/28/22	JLI	SW8260C	
Methyl Ethyl Ketone	ND	660	660	ug/Kg	200	04/28/22	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	930	330	ug/Kg	200	04/28/22	JLI	SW8260C	
Methylene chloride	ND	660	660	ug/Kg	200	04/28/22	JLI	SW8260C	
Naphthalene	ND	1600	330	ug/Kg	200	04/28/22	JLI	SW8260C	
n-Butylbenzene	7600	1600	160	ug/Kg	200	04/28/22	JLI	SW8260C	
n-Propylbenzene	28000	1600	330	ug/Kg	200	04/28/22	JLI	SW8260C	
o-Xylene	ND	1600	330	ug/Kg	200	04/28/22	JLI	SW8260C	
p-Isopropyltoluene	ND	1600	160	ug/Kg	200	04/28/22	JLI	SW8260C	
sec-Butylbenzene	6500	1600	160	ug/Kg	200	04/28/22	JLI	SW8260C	
Styrene	ND	1600	160	ug/Kg	200	04/28/22	JLI	SW8260C	
tert-Butylbenzene	ND	1600	160	ug/Kg	200	04/28/22	JLI	SW8260C	
Tetrachloroethene	ND	1300	330	ug/Kg	200	04/28/22	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	3300	820	ug/Kg	200	04/28/22	JLI	SW8260C	
Toluene	ND	700	160	ug/Kg	200	04/28/22	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	190	160	ug/Kg	200	04/28/22	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	1600	160	ug/Kg	200	04/28/22	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	3300	820	ug/Kg	200	04/28/22	JLI	SW8260C	
Trichloroethene	ND	470	160	ug/Kg	200	04/28/22	JLI	SW8260C	
Trichlorofluoromethane	ND	1600	330	ug/Kg	200	04/28/22	JLI	SW8260C	
Trichlorotrifluoroethane	ND	1600	160	ug/Kg	200	04/28/22	JLI	SW8260C	
Vinyl chloride	ND	160	160	ug/Kg	200	04/28/22	JLI	SW8260C	

QA/QC Surrogates

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% 1,2-dichlorobenzene-d4 (200x)	99			%	200	04/28/22	JLI	70 - 130 %	
% Bromofluorobenzene (200x)	103			%	200	04/28/22	JLI	70 - 130 %	
% Dibromofluoromethane (200x)	101			%	200	04/28/22	JLI	70 - 130 %	
% Toluene-d8 (200x)	92			%	200	04/28/22	JLI	70 - 130 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	280	140	ug/Kg	1	04/28/22	WB	SW8270D	
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	1	04/28/22	WB	SW8270D	
1,2-Dichlorobenzene	ND	280	110	ug/Kg	1	04/28/22	WB	SW8270D	
1,2-Diphenylhydrazine	ND	280	130	ug/Kg	1	04/28/22	WB	SW8270D	
1,3-Dichlorobenzene	ND	280	120	ug/Kg	1	04/28/22	WB	SW8270D	
1,4-Dichlorobenzene	ND	280	120	ug/Kg	1	04/28/22	WB	SW8270D	
2,2'-Oxybis(1-Chloropropane)	ND	280	110	ug/Kg	1	04/28/22	WB	SW8270D	1
2,4,5-Trichlorophenol	ND	280	220	ug/Kg	1	04/28/22	WB	SW8270D	
2,4,6-Trichlorophenol	ND	200	130	ug/Kg	1	04/28/22	WB	SW8270D	
2,4-Dichlorophenol	ND	200	140	ug/Kg	1	04/28/22	WB	SW8270D	
2,4-Dimethylphenol	ND	280	98	ug/Kg	1	04/28/22	WB	SW8270D	
2,4-Dinitrophenol	ND	280	280	ug/Kg	1	04/28/22	WB	SW8270D	
2,4-Dinitrotoluene	ND	200	160	ug/Kg	1	04/28/22	WB	SW8270D	
2,6-Dinitrotoluene	ND	200	120	ug/Kg	1	04/28/22	WB	SW8270D	
2-Chloronaphthalene	ND	280	110	ug/Kg	1	04/28/22	WB	SW8270D	
2-Chlorophenol	ND	280	110	ug/Kg	1	04/28/22	WB	SW8270D	
2-Methylnaphthalene	ND	280	120	ug/Kg	1	04/28/22	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	280	190	ug/Kg	1	04/28/22	WB	SW8270D	
2-Nitroaniline	ND	280	280	ug/Kg	1	04/28/22	WB	SW8270D	
2-Nitrophenol	ND	280	250	ug/Kg	1	04/28/22	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	280	160	ug/Kg	1	04/28/22	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	200	190	ug/Kg	1	04/28/22	WB	SW8270D	
3-Nitroaniline	ND	390	790	ug/Kg	1	04/28/22	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	240	79	ug/Kg	1	04/28/22	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	280	120	ug/Kg	1	04/28/22	WB	SW8270D	
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	1	04/28/22	WB	SW8270D	
4-Chloroaniline	ND	320	180	ug/Kg	1	04/28/22	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	280	130	ug/Kg	1	04/28/22	WB	SW8270D	
4-Nitroaniline	ND	390	130	ug/Kg	1	04/28/22	WB	SW8270D	
4-Nitrophenol	ND	390	180	ug/Kg	1	04/28/22	WB	SW8270D	
Acenaphthene	ND	280	120	ug/Kg	1	04/28/22	WB	SW8270D	
Acenaphthylene	ND	280	110	ug/Kg	1	04/28/22	WB	SW8270D	
Acetophenone	ND	280	120	ug/Kg	1	04/28/22	WB	SW8270D	
Aniline	ND	320	320	ug/Kg	1	04/28/22	WB	SW8270D	
Anthracene	ND	280	130	ug/Kg	1	04/28/22	WB	SW8270D	
Benz(a)anthracene	ND	280	130	ug/Kg	1	04/28/22	WB	SW8270D	
Benzidine	ND	390	230	ug/Kg	1	04/28/22	WB	SW8270D	
Benzo(a)pyrene	ND	200	130	ug/Kg	1	04/28/22	WB	SW8270D	
Benzo(b)fluoranthene	ND	280	130	ug/Kg	1	04/28/22	WB	SW8270D	
Benzo(ghi)perylene	ND	280	130	ug/Kg	1	04/28/22	WB	SW8270D	
Benzo(k)fluoranthene	ND	280	130	ug/Kg	1	04/28/22	WB	SW8270D	
Benzoic acid	ND	2000	790	ug/Kg	1	04/28/22	WB	SW8270D	
Benzyl butyl phthalate	ND	280	100	ug/Kg	1	04/28/22	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	1	04/28/22	WB	SW8270D	

Project ID: 558 SACKETT ST
Client ID: SB6 (8-10)

Phoenix I.D.: CL17718

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bis(2-chloroethyl)ether	ND	200	110	ug/Kg	1	04/28/22	WB	SW8270D
Bis(2-ethylhexyl)phthalate	ND	280	110	ug/Kg	1	04/28/22	WB	SW8270D
Carbazole	ND	200	160	ug/Kg	1	04/28/22	WB	SW8270D
Chrysene	ND	280	130	ug/Kg	1	04/28/22	WB	SW8270D
Dibenz(a,h)anthracene	ND	200	130	ug/Kg	1	04/28/22	WB	SW8270D
Dibenzofuran	ND	280	120	ug/Kg	1	04/28/22	WB	SW8270D
Diethyl phthalate	ND	280	120	ug/Kg	1	04/28/22	WB	SW8270D
Dimethylphthalate	ND	280	120	ug/Kg	1	04/28/22	WB	SW8270D
Di-n-butylphthalate	ND	280	100	ug/Kg	1	04/28/22	WB	SW8270D
Di-n-octylphthalate	ND	280	100	ug/Kg	1	04/28/22	WB	SW8270D
Fluoranthene	ND	280	130	ug/Kg	1	04/28/22	WB	SW8270D
Fluorene	ND	280	130	ug/Kg	1	04/28/22	WB	SW8270D
Hexachlorobenzene	ND	200	120	ug/Kg	1	04/28/22	WB	SW8270D
Hexachlorobutadiene	ND	280	140	ug/Kg	1	04/28/22	WB	SW8270D
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	1	04/28/22	WB	SW8270D
Hexachloroethane	ND	200	120	ug/Kg	1	04/28/22	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	280	130	ug/Kg	1	04/28/22	WB	SW8270D
Isophorone	ND	200	110	ug/Kg	1	04/28/22	WB	SW8270D
Naphthalene	ND	280	110	ug/Kg	1	04/28/22	WB	SW8270D
Nitrobenzene	ND	200	140	ug/Kg	1	04/28/22	WB	SW8270D
N-Nitrosodimethylamine	ND	280	110	ug/Kg	1	04/28/22	WB	SW8270D
N-Nitrosodi-n-propylamine	ND	200	130	ug/Kg	1	04/28/22	WB	SW8270D
N-Nitrosodiphenylamine	ND	280	150	ug/Kg	1	04/28/22	WB	SW8270D
Pentachloronitrobenzene	ND	280	150	ug/Kg	1	04/28/22	WB	SW8270D
Pentachlorophenol	ND	240	150	ug/Kg	1	04/28/22	WB	SW8270D
Phenanthrene	ND	280	110	ug/Kg	1	04/28/22	WB	SW8270D
Phenol	ND	280	130	ug/Kg	1	04/28/22	WB	SW8270D
Pyrene	ND	280	140	ug/Kg	1	04/28/22	WB	SW8270D
Pyridine	ND	280	97	ug/Kg	1	04/28/22	WB	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	103			%	1	04/28/22	WB	30 - 130 %
% 2-Fluorobiphenyl	79			%	1	04/28/22	WB	30 - 130 %
% 2-Fluorophenol	58			%	1	04/28/22	WB	30 - 130 %
% Nitrobenzene-d5	66			%	1	04/28/22	WB	30 - 130 %
% Phenol-d5	66			%	1	04/28/22	WB	30 - 130 %
% Terphenyl-d14	73			%	1	04/28/22	WB	30 - 130 %

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

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

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

Comments:

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

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

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

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:		04/26/22	9:45
Location Code:	BRUSSEE	Received by:	CP	04/27/22	15:29
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL17709
Phoenix ID: CL17719

Project ID: 558 SACKETT ST
Client ID: SB7 (1-3)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.35	0.35	mg/Kg	1	04/29/22	EK	SW6010D
Arsenic	4.40	0.70	mg/Kg	1	04/29/22	EK	SW6010D
Barium	188	0.7	mg/Kg	1	04/29/22	EK	SW6010D
Cadmium	1.21	0.35	mg/Kg	1	04/29/22	EK	SW6010D
Chromium	21.8	0.35	mg/Kg	1	04/29/22	EK	SW6010D
Mercury	0.17	0.03	mg/Kg	2	04/28/22	MGH	SW7471B
Lead	118	0.7	mg/Kg	1	04/29/22	EK	SW6010D
Selenium	< 1.4	1.4	mg/Kg	1	04/29/22	EK	SW6010D
Percent Solid	90		%		04/27/22	D	SW846-%Solid
Mercury Digestion	Completed				04/28/22	AB/KL/KL	SW7471B
Total Metals Digest	Completed				04/27/22	M/AG	SW3050B

Project ID: 558 SACKETT ST
Client ID: SB7 (1-3)

Phoenix I.D.: CL17719

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

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

Comments:

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

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

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

Phyllis Shiller, Laboratory Director

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

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:		04/26/22	15:00
Location Code:	BRUSSEE	Received by:	CP	04/27/22	15:29
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL17709
Phoenix ID: CL17720

Project ID: 558 SACKETT ST
Client ID: SB7 (11-13)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Percent Solid	71			%		04/27/22	D	SW846-%Solid	
Field Extraction	Completed					04/26/22		SW5035A	1
Soil Extraction for SVOA	Completed					04/27/22	R/I/L	SW3546	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	10000	2100	ug/Kg	1000	04/28/22	JLI	SW8260C	
1,1,1-Trichloroethane	ND	1000	1000	ug/Kg	1000	04/28/22	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	10000	2100	ug/Kg	1000	04/28/22	JLI	SW8260C	
1,1,2-Trichloroethane	ND	10000	2100	ug/Kg	1000	04/28/22	JLI	SW8260C	
1,1-Dichloroethane	ND	2100	2100	ug/Kg	1000	04/28/22	JLI	SW8260C	
1,1-Dichloroethene	ND	1000	1000	ug/Kg	1000	04/28/22	JLI	SW8260C	
1,1-Dichloropropene	ND	10000	1000	ug/Kg	1000	04/28/22	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	10000	2100	ug/Kg	1000	04/28/22	JLI	SW8260C	
1,2,3-Trichloropropane	ND	10000	1000	ug/Kg	1000	04/28/22	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	10000	2100	ug/Kg	1000	04/28/22	JLI	SW8260C	
1,2,4-Trimethylbenzene	8200	3600	1000	ug/Kg	1000	04/28/22	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	10000	2100	ug/Kg	1000	04/28/22	JLI	SW8260C	
1,2-Dibromoethane	ND	10000	1000	ug/Kg	1000	04/28/22	JLI	SW8260C	
1,2-Dichlorobenzene	ND	1100	1000	ug/Kg	1000	04/28/22	JLI	SW8260C	
1,2-Dichloroethane	ND	1000	1000	ug/Kg	1000	04/28/22	JLI	SW8260C	
1,2-Dichloropropane	ND	10000	2100	ug/Kg	1000	04/28/22	JLI	SW8260C	
1,3,5-Trimethylbenzene	1300 J	8400	1000	ug/Kg	1000	04/28/22	JLI	SW8260C	
1,3-Dichlorobenzene	ND	2400	1000	ug/Kg	1000	04/28/22	JLI	SW8260C	
1,3-Dichloropropane	ND	10000	2100	ug/Kg	1000	04/28/22	JLI	SW8260C	
1,4-Dichlorobenzene	ND	1800	1000	ug/Kg	1000	04/28/22	JLI	SW8260C	
2,2-Dichloropropane	ND	10000	1000	ug/Kg	1000	04/28/22	JLI	SW8260C	
2-Chlorotoluene	ND	10000	2100	ug/Kg	1000	04/28/22	JLI	SW8260C	

Project ID: 558 SACKETT ST
Client ID: SB7 (11-13)

Phoenix I.D.: CL17720

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Hexanone	ND		52000	10000	ug/Kg	1000	04/28/22	JLI	SW8260C	
2-Isopropyltoluene	ND		10000	1000	ug/Kg	1000	04/28/22	JLI	SW8260C	1
4-Chlorotoluene	ND		10000	1000	ug/Kg	1000	04/28/22	JLI	SW8260C	
4-Methyl-2-pentanone	ND		52000	10000	ug/Kg	1000	04/28/22	JLI	SW8260C	
Acetone	11000	S	10000	10000	ug/Kg	1000	04/28/22	JLI	SW8260C	
Acrylonitrile	ND		21000	2100	ug/Kg	1000	04/28/22	JLI	SW8260C	
Benzene	ND		1000	1000	ug/Kg	1000	04/28/22	JLI	SW8260C	
Bromobenzene	ND		10000	1000	ug/Kg	1000	04/28/22	JLI	SW8260C	
Bromochloromethane	ND		10000	1000	ug/Kg	1000	04/28/22	JLI	SW8260C	
Bromodichloromethane	ND		10000	2100	ug/Kg	1000	04/28/22	JLI	SW8260C	
Bromoform	ND		10000	2100	ug/Kg	1000	04/28/22	JLI	SW8260C	
Bromomethane	ND		10000	4200	ug/Kg	1000	04/28/22	JLI	SW8260C	
Carbon Disulfide	ND		10000	2100	ug/Kg	1000	04/28/22	JLI	SW8260C	
Carbon tetrachloride	ND		2100	2100	ug/Kg	1000	04/28/22	JLI	SW8260C	
Chlorobenzene	ND		1100	1000	ug/Kg	1000	04/28/22	JLI	SW8260C	
Chloroethane	ND		10000	1000	ug/Kg	1000	04/28/22	JLI	SW8260C	
Chloroform	ND		1000	1000	ug/Kg	1000	04/28/22	JLI	SW8260C	
Chloromethane	ND		10000	2100	ug/Kg	1000	04/28/22	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		1000	1000	ug/Kg	1000	04/28/22	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		10000	1000	ug/Kg	1000	04/28/22	JLI	SW8260C	
Dibromochloromethane	ND		10000	2100	ug/Kg	1000	04/28/22	JLI	SW8260C	
Dibromomethane	ND		10000	2100	ug/Kg	1000	04/28/22	JLI	SW8260C	
Dichlorodifluoromethane	ND		10000	1000	ug/Kg	1000	04/28/22	JLI	SW8260C	
Ethylbenzene	8900		1000	1000	ug/Kg	1000	04/28/22	JLI	SW8260C	
Hexachlorobutadiene	ND		10000	1000	ug/Kg	1000	04/28/22	JLI	SW8260C	
Isopropylbenzene	10000		9400	1000	ug/Kg	1000	04/28/22	JLI	SW8260C	
m&p-Xylene	ND		10000	2100	ug/Kg	1000	04/28/22	JLI	SW8260C	
Methyl Ethyl Ketone	ND		4200	4200	ug/Kg	1000	04/28/22	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		2100	2100	ug/Kg	1000	04/28/22	JLI	SW8260C	
Methylene chloride	ND		4200	4200	ug/Kg	1000	04/28/22	JLI	SW8260C	
Naphthalene	440000		42000	8400	ug/Kg	50	04/28/22	JLI	SW8260C	
n-Butylbenzene	4900		4200	1000	ug/Kg	1000	04/28/22	JLI	SW8260C	
n-Propylbenzene	18000		10000	2100	ug/Kg	1000	04/28/22	JLI	SW8260C	
o-Xylene	ND		10000	2100	ug/Kg	1000	04/28/22	JLI	SW8260C	
p-Isopropyltoluene	3400	J	10000	1000	ug/Kg	1000	04/28/22	JLI	SW8260C	
sec-Butylbenzene	2300	J	10000	1000	ug/Kg	1000	04/28/22	JLI	SW8260C	
Styrene	ND		10000	1000	ug/Kg	1000	04/28/22	JLI	SW8260C	
tert-Butylbenzene	ND		5900	1000	ug/Kg	1000	04/28/22	JLI	SW8260C	
Tetrachloroethene	ND		2100	2100	ug/Kg	1000	04/28/22	JLI	SW8260C	
Tetrahydrofuran (THF)	ND		21000	5200	ug/Kg	1000	04/28/22	JLI	SW8260C	
Toluene	ND		1000	1000	ug/Kg	1000	04/28/22	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		1000	1000	ug/Kg	1000	04/28/22	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		10000	1000	ug/Kg	1000	04/28/22	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		21000	5200	ug/Kg	1000	04/28/22	JLI	SW8260C	
Trichloroethene	ND		1000	1000	ug/Kg	1000	04/28/22	JLI	SW8260C	
Trichlorofluoromethane	ND		10000	2100	ug/Kg	1000	04/28/22	JLI	SW8260C	
Trichlorotrifluoroethane	ND		10000	1000	ug/Kg	1000	04/28/22	JLI	SW8260C	
Vinyl chloride	ND		1000	1000	ug/Kg	1000	04/28/22	JLI	SW8260C	

QA/QC Surrogates

Project ID: 558 SACKETT ST
Client ID: SB7 (11-13)

Phoenix I.D.: CL17720

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% 1,2-dichlorobenzene-d4 (50x)	96			%	50	04/28/22	JLI	70 - 130 %	
% Bromofluorobenzene (50x)	98			%	50	04/28/22	JLI	70 - 130 %	
% Dibromofluoromethane (50x)	93			%	50	04/28/22	JLI	70 - 130 %	
% Toluene-d8 (50x)	94			%	50	04/28/22	JLI	70 - 130 %	
% 1,2-dichlorobenzene-d4 (1000x)	94			%	1000	04/28/22	JLI	70 - 130 %	
% Bromofluorobenzene (1000x)	98			%	1000	04/28/22	JLI	70 - 130 %	
% Dibromofluoromethane (1000x)	100			%	1000	04/28/22	JLI	70 - 130 %	
% Toluene-d8 (1000x)	93			%	1000	04/28/22	JLI	70 - 130 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	490	240	ug/Kg	1	04/28/22	WB	SW8270D	
1,2,4-Trichlorobenzene	ND	490	210	ug/Kg	1	04/28/22	WB	SW8270D	
1,2-Dichlorobenzene	ND	490	200	ug/Kg	1	04/28/22	WB	SW8270D	
1,2-Diphenylhydrazine	ND	490	230	ug/Kg	1	04/28/22	WB	SW8270D	
1,3-Dichlorobenzene	ND	490	210	ug/Kg	1	04/28/22	WB	SW8270D	
1,4-Dichlorobenzene	ND	490	210	ug/Kg	1	04/28/22	WB	SW8270D	
2,2'-Oxybis(1-Chloropropane)	ND	490	190	ug/Kg	1	04/28/22	WB	SW8270D	1
2,4,5-Trichlorophenol	ND	490	380	ug/Kg	1	04/28/22	WB	SW8270D	
2,4,6-Trichlorophenol	ND	350	220	ug/Kg	1	04/28/22	WB	SW8270D	
2,4-Dichlorophenol	ND	350	240	ug/Kg	1	04/28/22	WB	SW8270D	
2,4-Dimethylphenol	ND	490	170	ug/Kg	1	04/28/22	WB	SW8270D	
2,4-Dinitrophenol	ND	490	490	ug/Kg	1	04/28/22	WB	SW8270D	
2,4-Dinitrotoluene	ND	350	270	ug/Kg	1	04/28/22	WB	SW8270D	
2,6-Dinitrotoluene	ND	350	220	ug/Kg	1	04/28/22	WB	SW8270D	
2-Chloronaphthalene	ND	490	200	ug/Kg	1	04/28/22	WB	SW8270D	
2-Chlorophenol	ND	490	200	ug/Kg	1	04/28/22	WB	SW8270D	
2-Methylnaphthalene	57000	4900	2100	ug/Kg	10	04/28/22	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	330	330	ug/Kg	1	04/28/22	WB	SW8270D	
2-Nitroaniline	ND	490	490	ug/Kg	1	04/28/22	WB	SW8270D	
2-Nitrophenol	ND	490	440	ug/Kg	1	04/28/22	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	490	270	ug/Kg	1	04/28/22	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	350	330	ug/Kg	1	04/28/22	WB	SW8270D	
3-Nitroaniline	ND	700	1400	ug/Kg	1	04/28/22	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	420	140	ug/Kg	1	04/28/22	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	490	200	ug/Kg	1	04/28/22	WB	SW8270D	
4-Chloro-3-methylphenol	ND	490	240	ug/Kg	1	04/28/22	WB	SW8270D	
4-Chloroaniline	ND	560	320	ug/Kg	1	04/28/22	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	490	230	ug/Kg	1	04/28/22	WB	SW8270D	
4-Nitroaniline	ND	700	230	ug/Kg	1	04/28/22	WB	SW8270D	
4-Nitrophenol	ND	700	310	ug/Kg	1	04/28/22	WB	SW8270D	
Acenaphthene	24000	4900	2100	ug/Kg	10	04/28/22	WB	SW8270D	
Acenaphthylene	1300	490	190	ug/Kg	1	04/28/22	WB	SW8270D	
Acetophenone	ND	490	220	ug/Kg	1	04/28/22	WB	SW8270D	
Aniline	ND	560	560	ug/Kg	1	04/28/22	WB	SW8270D	
Anthracene	6500	490	230	ug/Kg	1	04/28/22	WB	SW8270D	
Benz(a)anthracene	1400	490	230	ug/Kg	1	04/28/22	WB	SW8270D	
Benzidine	ND	700	410	ug/Kg	1	04/28/22	WB	SW8270D	
Benzo(a)pyrene	1500	350	230	ug/Kg	1	04/28/22	WB	SW8270D	
Benzo(b)fluoranthene	680	490	240	ug/Kg	1	04/28/22	WB	SW8270D	
Benzo(ghi)perylene	600	490	230	ug/Kg	1	04/28/22	WB	SW8270D	

Project ID: 558 SACKETT ST
Client ID: SB7 (11-13)

Phoenix I.D.: CL17720

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Benzo(k)fluoranthene	840	490	230	ug/Kg	1	04/28/22	WB	SW8270D
Benzoic acid	ND	3500	1400	ug/Kg	1	04/28/22	WB	SW8270D
Benzyl butyl phthalate	ND	490	180	ug/Kg	1	04/28/22	WB	SW8270D
Bis(2-chloroethoxy)methane	ND	490	190	ug/Kg	1	04/28/22	WB	SW8270D
Bis(2-chloroethyl)ether	ND	350	190	ug/Kg	1	04/28/22	WB	SW8270D
Bis(2-ethylhexyl)phthalate	ND	490	200	ug/Kg	1	04/28/22	WB	SW8270D
Carbazole	810	350	280	ug/Kg	1	04/28/22	WB	SW8270D
Chrysene	1500	490	230	ug/Kg	1	04/28/22	WB	SW8270D
Dibenz(a,h)anthracene	ND	330	230	ug/Kg	1	04/28/22	WB	SW8270D
Dibenzofuran	1000	490	200	ug/Kg	1	04/28/22	WB	SW8270D
Diethyl phthalate	ND	490	220	ug/Kg	1	04/28/22	WB	SW8270D
Dimethylphthalate	ND	490	220	ug/Kg	1	04/28/22	WB	SW8270D
Di-n-butylphthalate	ND	490	180	ug/Kg	1	04/28/22	WB	SW8270D
Di-n-octylphthalate	ND	490	180	ug/Kg	1	04/28/22	WB	SW8270D
Fluoranthene	3500	490	230	ug/Kg	1	04/28/22	WB	SW8270D
Fluorene	9400	490	230	ug/Kg	1	04/28/22	WB	SW8270D
Hexachlorobenzene	ND	330	200	ug/Kg	1	04/28/22	WB	SW8270D
Hexachlorobutadiene	ND	490	250	ug/Kg	1	04/28/22	WB	SW8270D
Hexachlorocyclopentadiene	ND	490	210	ug/Kg	1	04/28/22	WB	SW8270D
Hexachloroethane	ND	350	210	ug/Kg	1	04/28/22	WB	SW8270D
Indeno(1,2,3-cd)pyrene	640	490	230	ug/Kg	1	04/28/22	WB	SW8270D
Isophorone	ND	350	190	ug/Kg	1	04/28/22	WB	SW8270D
Naphthalene	170000	49000	20000	ug/Kg	100	04/29/22	WB	SW8270D
Nitrobenzene	ND	350	240	ug/Kg	1	04/28/22	WB	SW8270D
N-Nitrosodimethylamine	ND	490	200	ug/Kg	1	04/28/22	WB	SW8270D
N-Nitrosodi-n-propylamine	ND	350	230	ug/Kg	1	04/28/22	WB	SW8270D
N-Nitrosodiphenylamine	ND	490	270	ug/Kg	1	04/28/22	WB	SW8270D
Pentachloronitrobenzene	ND	490	260	ug/Kg	1	04/28/22	WB	SW8270D
Pentachlorophenol	ND	420	260	ug/Kg	1	04/28/22	WB	SW8270D
Phenanthrene	28000	4900	2000	ug/Kg	10	04/28/22	WB	SW8270D
Phenol	ND	330	220	ug/Kg	1	04/28/22	WB	SW8270D
Pyrene	4700	490	240	ug/Kg	1	04/28/22	WB	SW8270D
Pyridine	ND	490	170	ug/Kg	1	04/28/22	WB	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	109			%	1	04/28/22	WB	30 - 130 %
% 2-Fluorobiphenyl	80			%	1	04/28/22	WB	30 - 130 %
% 2-Fluorophenol	55			%	1	04/28/22	WB	30 - 130 %
% Nitrobenzene-d5	66			%	1	04/28/22	WB	30 - 130 %
% Phenol-d5	64			%	1	04/28/22	WB	30 - 130 %
% Terphenyl-d14	74			%	1	04/28/22	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	04/29/22	WB	30 - 130 %
% 2-Fluorobiphenyl (100x)	Diluted Out			%	100	04/29/22	WB	30 - 130 %
% 2-Fluorophenol (100x)	Diluted Out			%	100	04/29/22	WB	30 - 130 %

Project ID: 558 SACKETT ST
Client ID: SB7 (11-13)

Phoenix I.D.: CL17720

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Nitrobenzene-d5 (100x)	Diluted Out			%	100	04/29/22	WB	30 - 130 %
% Phenol-d5 (100x)	Diluted Out			%	100	04/29/22	WB	30 - 130 %
% Terphenyl-d14 (100x)	Diluted Out			%	100	04/29/22	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:

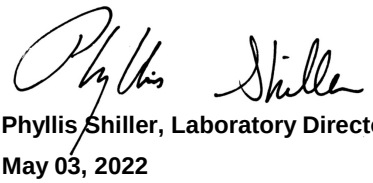
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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

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

S - Laboratory solvent, contamination is possible.

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



Phyllis Shiller, Laboratory Director

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.: GCL17709

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 622317 (mg/kg), QC Sample No: CL16830 2X (CL17709, CL17711, CL17713, CL17715, CL17717, CL17719)														
Mercury - Soil	BRL	0.02	<0.03	<0.03	NC	105	99.5	5.4	120	>125	NC	70 - 130	30	m
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 622236 (mg/kg), QC Sample No: CL17251 (CL17709, CL17711, CL17713, CL17715, CL17717, CL17719)														
ICP Metals - Soil														
Arsenic	BRL	0.67	1.88	2.10	NC	93.4	98.3	5.1	98.3			75 - 125	35	
Barium	BRL	0.33	84.7	89.1	5.10	101	110	8.5	124			75 - 125	35	
Cadmium	BRL	0.33	1.01	1.10	NC	97.6	106	8.3	98.1			75 - 125	35	
Chromium	BRL	0.33	14.3	17.9	22.4	97.1	107	9.7	106			75 - 125	35	
Lead	BRL	0.33	15.7	19.3	20.6	100	105	4.9	102			75 - 125	35	
Selenium	BRL	1.3	<1.6	<1.7	NC	95.9	104	8.1	101			75 - 125	35	
Silver	BRL	0.33	<0.39	<0.43	NC	88.7	96.5	8.4	94.4			75 - 125	35	
Comment:														
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.														

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

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NY # 11301

QA/QC Report

May 03, 2022

QA/QC Data

SDG I.D.: GCL17709

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 622249 (ug/kg), QC Sample No: CL17330 (CL17710, CL17712, CL17714, CL17716, CL17718, CL17720)											
Semivolatiles - Soil											
1,2,4,5-Tetrachlorobenzene	ND	230	63	75	17.4	73	72	1.4	40 - 140	30	
1,2,4-Trichlorobenzene	ND	230	66	80	19.2	76	74	2.7	40 - 140	30	
1,2-Dichlorobenzene	ND	180	58	78	29.4	75	76	1.3	40 - 140	30	
1,2-Diphenylhydrazine	ND	230	77	91	16.7	89	87	2.3	40 - 140	30	
1,3-Dichlorobenzene	ND	230	57	74	26.0	73	72	1.4	40 - 140	30	
1,4-Dichlorobenzene	ND	230	59	74	22.6	74	74	0.0	40 - 140	30	
2,2'-Oxybis(1-Chloropropane)	ND	230	53	72	30.4	71	71	0.0	40 - 140	30	
2,4,5-Trichlorophenol	ND	230	82	98	17.8	96	93	3.2	40 - 140	30	
2,4,6-Trichlorophenol	ND	130	82	101	20.8	98	96	2.1	30 - 130	30	
2,4-Dichlorophenol	ND	130	75	92	20.4	87	84	3.5	30 - 130	30	
2,4-Dimethylphenol	ND	230	75	91	19.3	80	79	1.3	30 - 130	30	
2,4-Dinitrophenol	ND	230	15	20	28.6	80	77	3.8	30 - 130	30	l
2,4-Dinitrotoluene	ND	130	80	97	19.2	93	91	2.2	30 - 130	30	
2,6-Dinitrotoluene	ND	130	80	93	15.0	93	88	5.5	40 - 140	30	
2-Chloronaphthalene	ND	230	78	96	20.7	93	90	3.3	40 - 140	30	
2-Chlorophenol	ND	230	67	88	27.1	84	86	2.4	30 - 130	30	
2-Methylnaphthalene	ND	230	69	82	17.2	81	79	2.5	40 - 140	30	
2-Methylphenol (o-cresol)	ND	230	64	88	31.6	88	84	4.7	40 - 140	30	r
2-Nitroaniline	ND	330	128	144	11.8	140	130	7.4	40 - 140	30	l
2-Nitrophenol	ND	230	75	87	14.8	84	85	1.2	40 - 140	30	
3&4-Methylphenol (m&p-cresol)	ND	230	67	91	30.4	90	88	2.2	30 - 130	30	
3,3'-Dichlorobenzidine	ND	130	78	88	12.0	68	68	0.0	40 - 140	30	
3-Nitroaniline	ND	330	90	107	17.3	95	85	11.1	40 - 140	30	
4,6-Dinitro-2-methylphenol	ND	230	28	36	25.0	90	88	2.2	30 - 130	30	l
4-Bromophenyl phenyl ether	ND	230	79	92	15.2	91	89	2.2	40 - 140	30	
4-Chloro-3-methylphenol	ND	230	80	95	17.1	91	90	1.1	30 - 130	30	
4-Chloroaniline	ND	230	73	93	24.1	76	69	9.7	40 - 140	30	
4-Chlorophenyl phenyl ether	ND	230	80	96	18.2	91	90	1.1	40 - 140	30	
4-Nitroaniline	ND	230	85	102	18.2	98	99	1.0	40 - 140	30	
4-Nitrophenol	ND	230	88	97	9.7	99	96	3.1	30 - 130	30	
Acenaphthene	ND	230	80	95	17.1	91	90	1.1	30 - 130	30	
Acenaphthylene	ND	130	70	85	19.4	81	79	2.5	40 - 140	30	
Acetophenone	ND	230	58	77	28.1	78	77	1.3	40 - 140	30	
Aniline	ND	330	55	77	33.3	50	51	2.0	40 - 140	30	r
Anthracene	ND	230	80	92	14.0	87	85	2.3	40 - 140	30	
Benz(a)anthracene	ND	230	75	84	11.3	82	82	0.0	40 - 140	30	
Benzidine	ND	330	55	56	1.8	<10	<10	NC	40 - 140	30	m
Benzo(a)pyrene	ND	130	71	80	11.9	78	77	1.3	40 - 140	30	
Benzo(b)fluoranthene	ND	160	74	85	13.8	80	79	1.3	40 - 140	30	
Benzo(ghi)perylene	ND	230	66	75	12.8	70	71	1.4	40 - 140	30	
Benzo(k)fluoranthene	ND	230	72	80	10.5	79	77	2.6	40 - 140	30	

QA/QC Data

SDG I.D.: GCL17709

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Benzoic Acid	ND	670	<10	<10	NC	28	26	7.4	30 - 130	30	l,m
Benzyl butyl phthalate	ND	230	78	88	12.0	80	79	1.3	40 - 140	30	
Bis(2-chloroethoxy)methane	ND	230	72	90	22.2	85	82	3.6	40 - 140	30	
Bis(2-chloroethyl)ether	ND	130	57	76	28.6	73	70	4.2	40 - 140	30	
Bis(2-ethylhexyl)phthalate	ND	670	81	91	11.6	88	89	1.1	40 - 140	30	
Carbazole	ND	230	78	88	12.0	85	84	1.2	40 - 140	30	
Chrysene	ND	230	79	92	15.2	89	88	1.1	40 - 140	30	
Dibenz(a,h)anthracene	ND	130	74	85	13.8	80	81	1.2	40 - 140	30	
Dibenzofuran	ND	230	76	91	18.0	88	86	2.3	40 - 140	30	
Diethyl phthalate	ND	230	82	95	14.7	94	89	5.5	40 - 140	30	
Dimethylphthalate	ND	230	81	96	16.9	95	90	5.4	40 - 140	30	
Di-n-butylphthalate	ND	670	83	92	10.3	90	86	4.5	40 - 140	30	
Di-n-octylphthalate	ND	230	83	94	12.4	89	89	0.0	40 - 140	30	
Fluoranthene	ND	230	75	83	10.1	79	78	1.3	40 - 140	30	
Fluorene	ND	230	78	94	18.6	90	87	3.4	40 - 140	30	
Hexachlorobenzene	ND	130	84	94	11.2	94	90	4.3	40 - 140	30	
Hexachlorobutadiene	ND	230	66	80	19.2	77	75	2.6	40 - 140	30	
Hexachlorocyclopentadiene	ND	230	51	64	22.6	72	70	2.8	40 - 140	30	
Hexachloroethane	ND	130	60	75	22.2	76	78	2.6	40 - 140	30	
Indeno(1,2,3-cd)pyrene	ND	230	78	88	12.0	83	86	3.6	40 - 140	30	
Isophorone	ND	130	64	77	18.4	75	73	2.7	40 - 140	30	
Naphthalene	ND	230	67	81	18.9	79	77	2.6	40 - 140	30	
Nitrobenzene	ND	130	64	84	27.0	85	84	1.2	40 - 140	30	
N-Nitrosodimethylamine	ND	230	43	60	33.0	56	56	0.0	40 - 140	30	r
N-Nitrosodi-n-propylamine	ND	130	64	87	30.5	85	86	1.2	40 - 140	30	
N-Nitrosodiphenylamine	ND	130	78	93	17.5	89	86	3.4	40 - 140	30	
Pentachloronitrobenzene	ND	230	79	87	9.6	89	88	1.1	40 - 140	30	
Pentachlorophenol	ND	230	80	76	5.1	93	88	5.5	30 - 130	30	
Phenanthrene	ND	130	81	91	11.6	90	89	1.1	40 - 140	30	
Phenol	ND	230	74	99	28.9	100	99	1.0	30 - 130	30	
Pyrene	ND	230	72	79	9.3	74	73	1.4	30 - 130	30	
Pyridine	ND	230	38	45	16.9	40	40	0.0	40 - 140	30	l
% 2,4,6-Tribromophenol	104	%	91	102	11.4	101	99	2.0	30 - 130	30	
% 2-Fluorobiphenyl	91	%	76	96	23.3	93	90	3.3	30 - 130	30	
% 2-Fluorophenol	74	%	61	85	32.9	85	82	3.6	30 - 130	30	r
% Nitrobenzene-d5	78	%	62	84	30.1	86	83	3.6	30 - 130	30	
% Phenol-d5	76	%	64	87	30.5	88	87	1.1	30 - 130	30	
% Terphenyl-d14	77	%	75	86	13.7	81	78	3.8	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 622362 (ug/kg), QC Sample No: CL17503 (CL17710)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	5.0	104	102	1.9	95	95	0.0	70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	98	98	0.0	97	96	1.0	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	104	103	1.0	98	95	3.1	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	100	101	1.0	96	95	1.0	70 - 130	30	
1,1-Dichloroethane	ND	5.0	102	104	1.9	102	101	1.0	70 - 130	30	
1,1-Dichloroethene	ND	5.0	105	104	1.0	100	101	1.0	70 - 130	30	
1,1-Dichloropropene	ND	5.0	107	108	0.9	102	102	0.0	70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	105	107	1.9	62	53	15.7	70 - 130	30	m
1,2,3-Trichloropropane	ND	5.0	98	98	0.0	94	92	2.2	70 - 130	30	

QA/QC Data

SDG I.D.: GCL17709

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,2,4-Trichlorobenzene	ND	5.0	106	105	0.9	66	57	14.6	70 - 130	30	m
1,2,4-Trimethylbenzene	ND	1.0	106	107	0.9	88	88	0.0	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	115	112	2.6	96	88	8.7	70 - 130	30	
1,2-Dibromoethane	ND	5.0	103	104	1.0	98	92	6.3	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	105	105	0.0	83	77	7.5	70 - 130	30	
1,2-Dichloroethane	ND	5.0	91	91	0.0	88	86	2.3	70 - 130	30	
1,2-Dichloropropane	ND	5.0	106	106	0.0	104	102	1.9	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	109	109	0.0	94	92	2.2	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	104	105	1.0	85	79	7.3	70 - 130	30	
1,3-Dichloropropane	ND	5.0	104	102	1.9	100	96	4.1	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	106	105	0.9	85	79	7.3	70 - 130	30	
2,2-Dichloropropane	ND	5.0	103	107	3.8	98	101	3.0	70 - 130	30	
2-Chlorotoluene	ND	5.0	112	113	0.9	98	94	4.2	70 - 130	30	
2-Hexanone	ND	25	97	95	2.1	67	56	17.9	70 - 130	30	m
2-Isopropyltoluene	ND	5.0	111	111	0.0	92	89	3.3	70 - 130	30	
4-Chlorotoluene	ND	5.0	108	110	1.8	94	90	4.3	70 - 130	30	
4-Methyl-2-pentanone	ND	25	99	100	1.0	86	77	11.0	70 - 130	30	
Acetone	ND	10	71	67	5.8	63	60	4.9	70 - 130	30	l,m
Acrylonitrile	ND	5.0	97	97	0.0	87	76	13.5	70 - 130	30	
Benzene	ND	1.0	104	106	1.9	102	101	1.0	70 - 130	30	
Bromobenzene	ND	5.0	110	108	1.8	98	94	4.2	70 - 130	30	
Bromochloromethane	ND	5.0	99	99	0.0	97	97	0.0	70 - 130	30	
Bromodichloromethane	ND	5.0	97	98	1.0	93	91	2.2	70 - 130	30	
Bromoform	ND	5.0	98	96	2.1	87	84	3.5	70 - 130	30	
Bromomethane	ND	5.0	98	93	5.2	87	87	0.0	70 - 130	30	
Carbon Disulfide	ND	5.0	99	99	0.0	92	92	0.0	70 - 130	30	
Carbon tetrachloride	ND	5.0	99	99	0.0	93	94	1.1	70 - 130	30	
Chlorobenzene	ND	5.0	105	105	0.0	97	95	2.1	70 - 130	30	
Chloroethane	ND	5.0	106	104	1.9	101	102	1.0	70 - 130	30	
Chloroform	ND	5.0	95	96	1.0	95	94	1.1	70 - 130	30	
Chloromethane	ND	5.0	104	105	1.0	96	96	0.0	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	103	108	4.7	104	106	1.9	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	104	103	1.0	97	95	2.1	70 - 130	30	
Dibromochloromethane	ND	3.0	101	101	0.0	93	91	2.2	70 - 130	30	
Dibromomethane	ND	5.0	100	101	1.0	97	95	2.1	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	102	102	0.0	91	90	1.1	70 - 130	30	
Ethylbenzene	ND	1.0	108	109	0.9	101	100	1.0	70 - 130	30	
Hexachlorobutadiene	ND	5.0	113	113	0.0	73	67	8.6	70 - 130	30	m
Isopropylbenzene	ND	1.0	114	116	1.7	103	102	1.0	70 - 130	30	
m&p-Xylene	ND	2.0	104	105	1.0	96	94	2.1	70 - 130	30	
Methyl ethyl ketone	ND	5.0	84	87	3.5	75	67	11.3	70 - 130	30	m
Methyl t-butyl ether (MTBE)	ND	1.0	87	86	1.2	101	95	6.1	70 - 130	30	
Methylene chloride	ND	5.0	88	88	0.0	85	84	1.2	70 - 130	30	
Naphthalene	ND	5.0	112	113	0.9	64	62	3.2	70 - 130	30	m
n-Butylbenzene	ND	1.0	118	118	0.0	90	86	4.5	70 - 130	30	
n-Propylbenzene	ND	1.0	115	115	0.0	100	98	2.0	70 - 130	30	
o-Xylene	ND	2.0	107	107	0.0	97	96	1.0	70 - 130	30	
p-Isopropyltoluene	ND	1.0	113	113	0.0	93	89	4.4	70 - 130	30	
sec-Butylbenzene	ND	1.0	114	115	0.9	96	93	3.2	70 - 130	30	
Styrene	ND	5.0	106	107	0.9	93	90	3.3	70 - 130	30	
tert-Butylbenzene	ND	1.0	113	112	0.9	97	95	2.1	70 - 130	30	
Tetrachloroethene	ND	5.0	106	104	1.9	97	95	2.1	70 - 130	30	
Tetrahydrofuran (THF)	ND	5.0	93	94	1.1	91	87	4.5	70 - 130	30	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Toluene	ND	1.0	105	107	1.9	101	100	1.0	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	106	104	1.9	101	101	0.0	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	104	104	0.0	94	91	3.2	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	118	114	3.4	98	92	6.3	70 - 130	30
Trichloroethene	ND	5.0	105	105	0.0	102	99	3.0	70 - 130	30
Trichlorofluoromethane	ND	5.0	102	101	1.0	98	97	1.0	70 - 130	30
Trichlorotrifluoroethane	ND	5.0	96	97	1.0	88	89	1.1	70 - 130	30
Vinyl chloride	ND	5.0	111	110	0.9	105	106	0.9	70 - 130	30
% 1,2-dichlorobenzene-d4	95	%	103	101	2.0	101	101	0.0	70 - 130	30
% Bromofluorobenzene	97	%	99	99	0.0	97	98	1.0	70 - 130	30
% Dibromofluoromethane	101	%	99	99	0.0	99	98	1.0	70 - 130	30
% Toluene-d8	93	%	102	102	0.0	102	102	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.

QA/QC Batch 622362H (ug/kg), QC Sample No: CL17503 50X (CL17712 (1000X) , CL17714 (1000X) , CL17720 (1000X))

Volatiles - Soil (High Level)

1,1,1,2-Tetrachloroethane	ND	250	110	106	3.7	110	108	1.8	70 - 130	30
1,1,1-Trichloroethane	ND	250	101	100	1.0	105	102	2.9	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	250	115	116	0.9	116	114	1.7	70 - 130	30
1,1,2-Trichloroethane	ND	250	110	110	0.0	111	109	1.8	70 - 130	30
1,1-Dichloroethane	ND	250	109	109	0.0	113	110	2.7	70 - 130	30
1,1-Dichloroethene	ND	250	104	103	1.0	107	106	0.9	70 - 130	30
1,1-Dichloropropene	ND	250	116	115	0.9	119	116	2.6	70 - 130	30
1,2,3-Trichlorobenzene	ND	250	123	124	0.8	117	117	0.0	70 - 130	30
1,2,3-Trichloropropane	ND	250	110	109	0.9	111	106	4.6	70 - 130	30
1,2,4-Trichlorobenzene	ND	250	127	126	0.8	119	118	0.8	70 - 130	30
1,2,4-Trimethylbenzene	ND	250	119	118	0.8	120	118	1.7	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	250	119	120	0.8	117	117	0.0	70 - 130	30
1,2-Dibromoethane	ND	250	114	111	2.7	115	110	4.4	70 - 130	30
1,2-Dichlorobenzene	ND	250	121	120	0.8	119	118	0.8	70 - 130	30
1,2-Dichloroethane	ND	250	98	98	0.0	101	98	3.0	70 - 130	30
1,2-Dichloropropane	ND	250	115	115	0.0	115	114	0.9	70 - 130	30
1,3,5-Trimethylbenzene	ND	250	120	119	0.8	122	120	1.7	70 - 130	30
1,3-Dichlorobenzene	ND	250	119	120	0.8	119	117	1.7	70 - 130	30
1,3-Dichloropropane	ND	250	114	113	0.9	114	115	0.9	70 - 130	30
1,4-Dichlorobenzene	ND	250	123	121	1.6	121	118	2.5	70 - 130	30
2,2-Dichloropropane	ND	250	101	101	0.0	98	100	2.0	70 - 130	30
2-Chlorotoluene	ND	250	125	125	0.0	125	122	2.4	70 - 130	30
2-Hexanone	ND	1300	103	107	3.8	105	101	3.9	70 - 130	30
2-Isopropyltoluene	ND	250	124	123	0.8	125	122	2.4	70 - 130	30
4-Chlorotoluene	ND	250	122	123	0.8	123	121	1.6	70 - 130	30
4-Methyl-2-pentanone	ND	1300	109	111	1.8	111	106	4.6	70 - 130	30
Acetone	ND	500	65	68	4.5	76	76	0.0	70 - 130	30
Acrylonitrile	ND	250	108	111	2.7	115	106	8.1	70 - 130	30
Benzene	ND	250	115	114	0.9	117	115	1.7	70 - 130	30
Bromobenzene	ND	250	122	122	0.0	122	120	1.7	70 - 130	30
Bromochloromethane	ND	250	107	102	4.8	106	108	1.9	70 - 130	30
Bromodichloromethane	ND	250	103	101	2.0	105	101	3.9	70 - 130	30
Bromoform	ND	250	100	97	3.0	102	98	4.0	70 - 130	30
Bromomethane	ND	250	76	84	10.0	78	81	3.8	70 - 130	30
Carbon Disulfide	ND	250	101	100	1.0	100	102	2.0	70 - 130	30

QA/QC Data

SDG I.D.: GCL17709

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Carbon tetrachloride	ND	250	95	90	5.4	96	95	1.0	70 - 130	30	
Chlorobenzene	ND	250	117	116	0.9	119	116	2.6	70 - 130	30	
Chloroethane	ND	250	35	35	0.0	37	36	2.7	70 - 130	30	l,m
Chloroform	ND	250	101	100	1.0	105	102	2.9	70 - 130	30	
Chloromethane	ND	250	117	113	3.5	120	113	6.0	70 - 130	30	
cis-1,2-Dichloroethene	ND	250	111	109	1.8	119	111	7.0	70 - 130	30	
cis-1,3-Dichloropropene	ND	250	112	110	1.8	110	109	0.9	70 - 130	30	
Dibromochloromethane	ND	150	107	103	3.8	106	104	1.9	70 - 130	30	
Dibromomethane	ND	250	110	110	0.0	111	107	3.7	70 - 130	30	
Dichlorodifluoromethane	ND	250	111	111	0.0	112	108	3.6	70 - 130	30	
Ethylbenzene	ND	250	121	119	1.7	124	122	1.6	70 - 130	30	
Hexachlorobutadiene	ND	250	132	131	0.8	128	129	0.8	70 - 130	30	l
Isopropylbenzene	ND	250	126	124	1.6	128	126	1.6	70 - 130	30	
m&p-Xylene	ND	250	119	116	2.6	118	116	1.7	70 - 130	30	
Methyl ethyl ketone	ND	250	92	91	1.1	102	92	10.3	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	250	88	90	2.2	93	87	6.7	70 - 130	30	
Methylene chloride	ND	250	95	93	2.1	95	94	1.1	70 - 130	30	
Naphthalene	ND	250	126	130	3.1	147	129	13.0	70 - 130	30	m
n-Butylbenzene	ND	250	135	135	0.0	136	131	3.7	70 - 130	30	l,m
n-Propylbenzene	ND	250	128	126	1.6	127	126	0.8	70 - 130	30	
o-Xylene	ND	250	120	118	1.7	121	119	1.7	70 - 130	30	
p-Isopropyltoluene	ND	250	127	127	0.0	128	126	1.6	70 - 130	30	
sec-Butylbenzene	ND	250	126	126	0.0	129	127	1.6	70 - 130	30	
Styrene	ND	250	120	118	1.7	122	118	3.3	70 - 130	30	
tert-Butylbenzene	ND	250	123	122	0.8	126	124	1.6	70 - 130	30	
Tetrachloroethene	ND	250	116	115	0.9	120	115	4.3	70 - 130	30	
Tetrahydrofuran (THF)	ND	250	99	103	4.0	106	100	5.8	70 - 130	30	
Toluene	ND	250	118	117	0.9	120	117	2.5	70 - 130	30	
trans-1,2-Dichloroethene	ND	250	106	105	0.9	108	109	0.9	70 - 130	30	
trans-1,3-Dichloropropene	ND	250	109	107	1.9	107	104	2.8	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	250	119	120	0.8	118	115	2.6	70 - 130	30	
Trichloroethene	ND	250	115	114	0.9	119	115	3.4	70 - 130	30	
Trichlorofluoromethane	ND	250	27	27	0.0	28	27	3.6	70 - 130	30	l,m
Trichlorotrifluoroethane	ND	250	95	91	4.3	96	97	1.0	70 - 130	30	
Vinyl chloride	ND	250	125	125	0.0	130	128	1.6	70 - 130	30	
% 1,2-dichlorobenzene-d4	95	%	102	102	0.0	100	101	1.0	70 - 130	30	
% Bromofluorobenzene	98	%	99	99	0.0	100	99	1.0	70 - 130	30	
% Dibromofluoromethane	94	%	95	97	2.1	95	97	2.1	70 - 130	30	
% Toluene-d8	95	%	103	102	1.0	103	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 622566H (ug/kg), QC Sample No: CL17978 50X (CL17714 (200X) , CL17718 (200X) , CL17720 (50X))

Volatiles - Soil (High Level)

1,1,1,2-Tetrachloroethane	ND	250	112	107	4.6	108	112	3.6	70 - 130	30	
1,1,1-Trichloroethane	ND	250	101	99	2.0	103	108	4.7	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	250	117	113	3.5	115	120	4.3	70 - 130	30	
1,1,2-Trichloroethane	ND	250	112	108	3.6	111	116	4.4	70 - 130	30	
1,1-Dichloroethane	ND	250	107	108	0.9	112	117	4.4	70 - 130	30	
1,1-Dichloroethene	ND	250	102	100	2.0	105	110	4.7	70 - 130	30	
1,1-Dichloropropene	ND	250	116	113	2.6	119	123	3.3	70 - 130	30	
1,2,3-Trichlorobenzene	ND	250	128	123	4.0	115	124	7.5	70 - 130	30	

QA/QC Data

SDG I.D.: GCL17709

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,2,3-Trichloropropane	ND	250	106	106	0.0	108	112	3.6	70 - 130	30	
1,2,4-Trichlorobenzene	ND	250	131	127	3.1	120	129	7.2	70 - 130	30	l
1,2,4-Trimethylbenzene	ND	250	119	119	0.0	119	125	4.9	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	250	122	115	5.9	113	119	5.2	70 - 130	30	
1,2-Dibromoethane	ND	250	113	109	3.6	112	118	5.2	70 - 130	30	
1,2-Dichlorobenzene	ND	250	122	121	0.8	119	125	4.9	70 - 130	30	
1,2-Dichloroethane	ND	250	99	95	4.1	99	104	4.9	70 - 130	30	
1,2-Dichloropropane	ND	250	117	113	3.5	117	122	4.2	70 - 130	30	
1,3,5-Trimethylbenzene	ND	250	121	119	1.7	122	128	4.8	70 - 130	30	
1,3-Dichlorobenzene	ND	250	123	121	1.6	119	126	5.7	70 - 130	30	
1,3-Dichloropropane	ND	250	115	112	2.6	115	119	3.4	70 - 130	30	
1,4-Dichlorobenzene	ND	250	125	123	1.6	121	127	4.8	70 - 130	30	
2,2-Dichloropropane	ND	250	101	98	3.0	97	104	7.0	70 - 130	30	
2-Chlorotoluene	ND	250	127	124	2.4	126	133	5.4	70 - 130	30	m
2-Hexanone	ND	1300	105	100	4.9	104	106	1.9	70 - 130	30	
2-Isopropyltoluene	ND	250	124	123	0.8	125	132	5.4	70 - 130	30	m
4-Chlorotoluene	ND	250	126	123	2.4	123	129	4.8	70 - 130	30	
4-Methyl-2-pentanone	ND	1300	109	103	5.7	107	112	4.6	70 - 130	30	
Acetone	ND	500	67	64	4.6	65	68	4.5	70 - 130	30	l,m
Acrylonitrile	ND	250	109	102	6.6	108	110	1.8	70 - 130	30	
Benzene	ND	250	115	112	2.6	116	122	5.0	70 - 130	30	
Bromobenzene	ND	250	123	121	1.6	122	129	5.6	70 - 130	30	
Bromochloromethane	ND	250	105	107	1.9	108	112	3.6	70 - 130	30	
Bromodichloromethane	ND	250	103	100	3.0	102	107	4.8	70 - 130	30	
Bromoform	ND	250	105	98	6.9	95	101	6.1	70 - 130	30	
Bromomethane	ND	250	76	77	1.3	81	88	8.3	70 - 130	30	
Carbon Disulfide	ND	250	97	94	3.1	103	103	0.0	70 - 130	30	
Carbon tetrachloride	ND	250	95	92	3.2	92	100	8.3	70 - 130	30	
Chlorobenzene	ND	250	119	117	1.7	118	123	4.1	70 - 130	30	
Chloroethane	ND	250	35	35	0.0	38	39	2.6	70 - 130	30	l,m
Chloroform	ND	250	101	100	1.0	103	108	4.7	70 - 130	30	
Chloromethane	ND	250	113	108	4.5	127	128	0.8	70 - 130	30	
cis-1,2-Dichloroethene	ND	250	111	109	1.8	113	116	2.6	70 - 130	30	
cis-1,3-Dichloropropene	ND	250	114	109	4.5	108	114	5.4	70 - 130	30	
Dibromochloromethane	ND	150	109	102	6.6	104	107	2.8	70 - 130	30	
Dibromomethane	ND	250	110	105	4.7	110	114	3.6	70 - 130	30	
Dichlorodifluoromethane	ND	250	98	93	5.2	131	137	4.5	70 - 130	30	m
Ethylbenzene	ND	250	122	120	1.7	122	128	4.8	70 - 130	30	
Hexachlorobutadiene	ND	250	132	129	2.3	129	138	6.7	70 - 130	30	l,m
Isopropylbenzene	ND	250	124	123	0.8	126	134	6.2	70 - 130	30	m
m&p-Xylene	ND	250	118	116	1.7	118	125	5.8	70 - 130	30	
Methyl ethyl ketone	ND	250	95	84	12.3	96	101	5.1	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	250	90	85	5.7	111	97	13.5	70 - 130	30	
Methylene chloride	ND	250	93	91	2.2	93	96	3.2	70 - 130	30	
Naphthalene	ND	250	129	125	3.1	124	129	4.0	70 - 130	30	
n-Butylbenzene	ND	250	137	136	0.7	135	143	5.8	70 - 130	30	l,m
n-Propylbenzene	ND	250	127	126	0.8	127	134	5.4	70 - 130	30	m
o-Xylene	ND	250	121	119	1.7	120	126	4.9	70 - 130	30	
p-Isopropyltoluene	ND	250	128	127	0.8	128	136	6.1	70 - 130	30	m
sec-Butylbenzene	ND	250	126	126	0.0	128	134	4.6	70 - 130	30	m
Styrene	ND	250	121	120	0.8	120	126	4.9	70 - 130	30	
tert-Butylbenzene	ND	250	123	122	0.8	125	130	3.9	70 - 130	30	
Tetrachloroethene	ND	250	117	114	2.6	117	123	5.0	70 - 130	30	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Tetrahydrofuran (THF)	ND	250	102	95	7.1	103	104	1.0	70 - 130	30	
Toluene	ND	250	119	115	3.4	119	124	4.1	70 - 130	30	
trans-1,2-Dichloroethene	ND	250	106	108	1.9	106	113	6.4	70 - 130	30	
trans-1,3-Dichloropropene	ND	250	111	108	2.7	104	111	6.5	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	250	125	117	6.6	112	119	6.1	70 - 130	30	
Trichloroethene	ND	250	115	112	2.6	117	122	4.2	70 - 130	30	
Trichlorofluoromethane	ND	250	26	26	0.0	28	29	3.5	70 - 130	30	l,m
Trichlorotrifluoroethane	ND	250	92	90	2.2	95	100	5.1	70 - 130	30	
Vinyl chloride	ND	250	120	120	0.0	135	141	4.3	70 - 130	30	m
% 1,2-dichlorobenzene-d4	97	%	102	102	0.0	102	103	1.0	70 - 130	30	
% Bromofluorobenzene	98	%	101	99	2.0	100	102	2.0	70 - 130	30	
% Dibromofluoromethane	96	%	96	97	1.0	98	95	3.1	70 - 130	30	
% Toluene-d8	95	%	103	101	2.0	103	103	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.

QA/QC Batch 622803H (ug/kg), QC Sample No: CL18980 50X (CL17716 (200X))

Volatiles - Soil (High Level)

1,1,1,2-Tetrachloroethane	ND	250	114	108	5.4	98	106	7.8	70 - 130	30	
1,1,1-Trichloroethane	ND	250	107	104	2.8	94	103	9.1	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	250	115	115	0.0	107	117	8.9	70 - 130	30	
1,1,2-Trichloroethane	ND	250	111	108	2.7	104	112	7.4	70 - 130	30	
1,1-Dichloroethane	ND	250	114	111	2.7	103	111	7.5	70 - 130	30	
1,1-Dichloroethene	ND	250	106	104	1.9	95	104	9.0	70 - 130	30	
1,1-Dichloropropene	ND	250	119	115	3.4	109	119	8.8	70 - 130	30	
1,2,3-Trichlorobenzene	ND	250	128	125	2.4	111	125	11.9	70 - 130	30	
1,2,3-Trichloropropane	ND	250	110	107	2.8	104	109	4.7	70 - 130	30	
1,2,4-Trichlorobenzene	ND	250	131	128	2.3	112	128	13.3	70 - 130	30	l
1,2,4-Trimethylbenzene	ND	250	121	119	1.7	111	119	7.0	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	250	117	113	3.5	105	119	12.5	70 - 130	30	
1,2-Dibromoethane	ND	250	114	110	3.6	103	114	10.1	70 - 130	30	
1,2-Dichlorobenzene	ND	250	123	119	3.3	110	121	9.5	70 - 130	30	
1,2-Dichloroethane	ND	250	102	100	2.0	93	100	7.3	70 - 130	30	
1,2-Dichloropropane	ND	250	118	116	1.7	109	119	8.8	70 - 130	30	
1,3,5-Trimethylbenzene	ND	250	123	120	2.5	111	121	8.6	70 - 130	30	
1,3-Dichlorobenzene	ND	250	122	119	2.5	110	120	8.7	70 - 130	30	
1,3-Dichloropropane	ND	250	115	112	2.6	107	115	7.2	70 - 130	30	
1,4-Dichlorobenzene	ND	250	125	122	2.4	110	122	10.3	70 - 130	30	
2,2-Dichloropropane	ND	250	106	103	2.9	88	100	12.8	70 - 130	30	
2-Chlorotoluene	ND	250	127	124	2.4	115	125	8.3	70 - 130	30	
2-Hexanone	ND	1300	105	102	2.9	100	108	7.7	70 - 130	30	
2-Isopropyltoluene	ND	250	127	123	3.2	114	124	8.4	70 - 130	30	
4-Chlorotoluene	ND	250	128	123	4.0	113	124	9.3	70 - 130	30	
4-Methyl-2-pentanone	ND	1300	109	106	2.8	104	111	6.5	70 - 130	30	
Acetone	ND	500	69	67	2.9	64	69	7.5	70 - 130	30	l,m
Acrylonitrile	ND	250	110	107	2.8	103	112	8.4	70 - 130	30	
Benzene	ND	250	118	115	2.6	108	117	8.0	70 - 130	30	
Bromobenzene	ND	250	124	121	2.4	112	123	9.4	70 - 130	30	
Bromochloromethane	ND	250	111	108	2.7	101	110	8.5	70 - 130	30	
Bromodichloromethane	ND	250	108	104	3.8	92	102	10.3	70 - 130	30	
Bromoform	ND	250	103	98	5.0	88	97	9.7	70 - 130	30	
Bromomethane	ND	250	82	78	5.0	71	82	14.4	70 - 130	30	

QA/QC Data

SDG I.D.: GCL17709

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Carbon Disulfide	ND	250	105	101	3.9	91	100	9.4	70 - 130	30	
Carbon tetrachloride	ND	250	98	97	1.0	82	89	8.2	70 - 130	30	
Chlorobenzene	ND	250	120	116	3.4	110	119	7.9	70 - 130	30	
Chloroethane	ND	250	38	36	5.4	33	36	8.7	70 - 130	30	l,m
Chloroform	ND	250	106	104	1.9	96	104	8.0	70 - 130	30	
Chloromethane	ND	250	125	118	5.8	111	115	3.5	70 - 130	30	
cis-1,2-Dichloroethene	ND	250	120	112	6.9	104	119	13.5	70 - 130	30	
cis-1,3-Dichloropropene	ND	250	115	111	3.5	100	109	8.6	70 - 130	30	
Dibromochloromethane	ND	150	109	105	3.7	94	104	10.1	70 - 130	30	
Dibromomethane	ND	250	111	109	1.8	100	110	9.5	70 - 130	30	
Dichlorodifluoromethane	ND	250	120	113	6.0	101	109	7.6	70 - 130	30	
Ethylbenzene	ND	250	124	119	4.1	114	123	7.6	70 - 130	30	
Hexachlorobutadiene	ND	250	134	131	2.3	122	129	5.6	70 - 130	30	l
Isopropylbenzene	ND	250	128	122	4.8	116	124	6.7	70 - 130	30	
m&p-Xylene	ND	250	120	116	3.4	109	119	8.8	70 - 130	30	
Methyl ethyl ketone	ND	250	92	97	5.3	86	91	5.6	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	250	92	95	3.2	86	92	6.7	70 - 130	30	
Methylene chloride	ND	250	94	89	5.5	83	92	10.3	70 - 130	30	
Naphthalene	ND	250	129	126	2.4	111	128	14.2	70 - 130	30	
n-Butylbenzene	ND	250	140	134	4.4	123	134	8.6	70 - 130	30	l,m
n-Propylbenzene	ND	250	129	127	1.6	118	126	6.6	70 - 130	30	
o-Xylene	ND	250	122	117	4.2	110	121	9.5	70 - 130	30	
p-Isopropyltoluene	ND	250	130	127	2.3	119	127	6.5	70 - 130	30	
sec-Butylbenzene	ND	250	129	125	3.1	117	127	8.2	70 - 130	30	
Styrene	ND	250	122	117	4.2	110	121	9.5	70 - 130	30	
tert-Butylbenzene	ND	250	125	122	2.4	115	124	7.5	70 - 130	30	
Tetrachloroethene	ND	250	118	115	2.6	109	117	7.1	70 - 130	30	
Tetrahydrofuran (THF)	ND	250	104	99	4.9	98	106	7.8	70 - 130	30	
Toluene	ND	250	120	117	2.5	111	120	7.8	70 - 130	30	
trans-1,2-Dichloroethene	ND	250	112	107	4.6	97	110	12.6	70 - 130	30	
trans-1,3-Dichloropropene	ND	250	113	108	4.5	97	107	9.8	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	250	123	117	5.0	104	116	10.9	70 - 130	30	
Trichloroethene	ND	250	118	115	2.6	107	117	8.9	70 - 130	30	
Trichlorofluoromethane	ND	250	29	28	3.5	25	27	7.7	70 - 130	30	l,m
Trichlorotrifluoroethane	ND	250	98	92	6.3	85	94	10.1	70 - 130	30	
Vinyl chloride	ND	250	128	128	0.0	117	127	8.2	70 - 130	30	
% 1,2-dichlorobenzene-d4	96	%	101	102	1.0	101	101	0.0	70 - 130	30	
% Bromofluorobenzene	98	%	100	99	1.0	99	100	1.0	70 - 130	30	
% Dibromofluoromethane	96	%	97	99	2.0	95	97	2.1	70 - 130	30	
% Toluene-d8	95	%	102	102	0.0	102	101	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.
m = This parameter is outside laboratory MS/MSD specified recovery limits.
r = This parameter is outside laboratory RPD specified recovery limits.

QA/QC Data

SDG I.D.: GCL17709

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

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

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

Phyllis Shiller, Laboratory Director
May 03, 2022

Tuesday, May 03, 2022

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

State: NY

Sample Criteria Exceedances Report

GCL17709 - BRUSSEE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CL17709	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	1.99	0.14	0.73	0.73	mg/Kg
CL17709	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	1.99	0.14	0.81	0.81	mg/Kg
CL17709	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	1.99	0.14	0.81	0.81	mg/Kg
CL17709	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	1.99	0.14	0.18	0.18	mg/Kg
CL17709	PB-SMDP	Lead	NY / 375-6.8 Metals / Ground Water Protection	512	0.7	450	450	mg/Kg
CL17709	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	512	0.7	400	400	mg/Kg
CL17709	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	512	0.7	400	400	mg/Kg
CL17709	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	512	0.7	63	63	mg/Kg
CL17711	AS-SM	Arsenic	NY / 375-6.8 Metals / Ground Water Protection	19.0	0.65	16	16	mg/Kg
CL17711	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential	19.0	0.65	16	16	mg/Kg
CL17711	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential Restricted	19.0	0.65	16	16	mg/Kg
CL17711	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	19.0	0.65	13	13	mg/Kg
CL17711	BA-SMDP	Barium	NY / 375-6.8 Metals / Ground Water Protection	911	0.7	820	820	mg/Kg
CL17711	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential	911	0.7	350	350	mg/Kg
CL17711	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential Restricted	911	0.7	400	400	mg/Kg
CL17711	BA-SMDP	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	911	0.7	350	350	mg/Kg
CL17711	CD-SM	Cadmium	NY / 375-6.8 Metals / Ground Water Protection	14.5	0.33	7.5	7.5	mg/Kg
CL17711	CD-SM	Cadmium	NY / 375-6.8 Metals / Residential	14.5	0.33	2.5	2.5	mg/Kg
CL17711	CD-SM	Cadmium	NY / 375-6.8 Metals / Residential Restricted	14.5	0.33	4.3	4.3	mg/Kg
CL17711	CD-SM	Cadmium	NY / 375-6.8 Metals / Unrestricted Use Soil	14.5	0.33	2.5	2.5	mg/Kg
CL17711	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	212	3.3	30		mg/Kg
CL17711	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	4.42	0.13	0.73	0.73	mg/Kg
CL17711	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	4.42	0.13	0.81	0.81	mg/Kg
CL17711	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	4.42	0.13	0.81	0.81	mg/Kg
CL17711	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	4.42	0.13	0.18	0.18	mg/Kg
CL17711	PB-SMDP	Lead	NY / 375-6.8 Metals / Ground Water Protection	2900	6.5	450	450	mg/Kg
CL17711	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	2900	6.5	400	400	mg/Kg
CL17711	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	2900	6.5	400	400	mg/Kg
CL17711	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	2900	6.5	63	63	mg/Kg
CL17712	$8260MADPR	Naphthalene	NY / 375-6.8 Semivolatiles / Ground Water Protection	22000	7200	12000	12000	ug/Kg
CL17712	$8260MADPR	Naphthalene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	22000	7200	12000	12000	ug/Kg
CL17712	$8260MADPR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	720	250	250	ug/Kg
CL17712	$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	2900	50	50	ug/Kg
CL17712	$8260MADPR	Carbon tetrachloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	1400	760	760	ug/Kg
CL17712	$8260MADPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	720	190	190	ug/Kg
CL17712	$8260MADPR	Toluene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	720	700	700	ug/Kg
CL17712	$8260MADPR	Chloroform	NY / 375-6.8 Volatiles / Ground Water Protection	ND	720	370	370	ug/Kg
CL17712	$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Ground Water Protection	900	720	60	60	ug/Kg
CL17712	$8260MADPR	Tetrachloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	1400	1300	1300	ug/Kg
CL17712	$8260MADPR	Ethylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	63000	7200	1000	1000	ug/Kg

Tuesday, May 03, 2022

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

State: NY

Sample Criteria Exceedances Report

GCL17709 - BRUSSEE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CL17712	$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	2900	120	120	ug/Kg
CL17712	$8260MADPR	1,1-Dichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	720	330	330	ug/Kg
CL17712	$8260MADPR	n-Propylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	100000	7200	3900	3900	ug/Kg
CL17712	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	7200	50	50	ug/Kg
CL17712	$8260MADPR	sec-Butylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	12000	7200	11000	11000	ug/Kg
CL17712	$8260MADPR	1,1,1-Trichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	720	680	680	ug/Kg
CL17712	$8260MADPR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	1400	270	270	ug/Kg
CL17712	$8260MADPR	1,3,5-Trimethylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	85000	7200	8400	8400	ug/Kg
CL17712	$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	720	470	470	ug/Kg
CL17712	$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	720	20	20	ug/Kg
CL17712	$8260MADPR	Methyl t-butyl ether (MTBE)	NY / 375-6.8 Volatiles / Ground Water Protection	ND	1400	930	930	ug/Kg
CL17712	$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	720	20	20	ug/Kg
CL17712	$8260MADPR	n-Butylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	23000	7200	12000	12000	ug/Kg
CL17712	$8260MADPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	170000	7200	3600	3600	ug/Kg
CL17712	$8260MADPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Residential	170000	7200	47000	47000	ug/Kg
CL17712	$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	720	210	210	ug/Kg
CL17712	$8260MADPR	Ethylbenzene	NY / 375-6.8 Volatiles / Residential	63000	7200	30000	30000	ug/Kg
CL17712	$8260MADPR	1,3,5-Trimethylbenzene	NY / 375-6.8 Volatiles / Residential	85000	7200	47000	47000	ug/Kg
CL17712	$8260MADPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Residential Restricted	170000	7200	52000	52000	ug/Kg
CL17712	$8260MADPR	1,3,5-Trimethylbenzene	NY / 375-6.8 Volatiles / Residential Restricted	85000	7200	52000	52000	ug/Kg
CL17712	$8260MADPR	Ethylbenzene	NY / 375-6.8 Volatiles / Residential Restricted	63000	7200	41000	41000	ug/Kg
CL17712	$8260MADPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	720	190	190	ug/Kg
CL17712	$8260MADPR	sec-Butylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	12000	7200	11000	11000	ug/Kg
CL17712	$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	720	470	470	ug/Kg
CL17712	$8260MADPR	n-Propylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	100000	7200	3900	3900	ug/Kg
CL17712	$8260MADPR	Tetrachloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1400	1300	1300	ug/Kg
CL17712	$8260MADPR	Toluene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	720	700	700	ug/Kg
CL17712	$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	720	20	20	ug/Kg
CL17712	$8260MADPR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1400	270	270	ug/Kg
CL17712	$8260MADPR	Methyl t-butyl ether (MTBE)	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1400	930	930	ug/Kg
CL17712	$8260MADPR	n-Butylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	23000	7200	12000	12000	ug/Kg
CL17712	$8260MADPR	1,1,1-Trichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	720	680	680	ug/Kg
CL17712	$8260MADPR	1,1-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	720	330	330	ug/Kg
CL17712	$8260MADPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	170000	7200	3600	3600	ug/Kg
CL17712	$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	720	20	20	ug/Kg
CL17712	$8260MADPR	1,3,5-Trimethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	85000	7200	8400	8400	ug/Kg
CL17712	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	7200	50	50	ug/Kg
CL17712	$8260MADPR	Carbon tetrachloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1400	760	760	ug/Kg
CL17712	$8260MADPR	Chloroform	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	720	370	370	ug/Kg
CL17712	$8260MADPR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	720	250	250	ug/Kg
CL17712	$8260MADPR	Ethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	63000	7200	1000	1000	ug/Kg
CL17712	$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2900	50	50	ug/Kg

Tuesday, May 03, 2022

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

State: NY

Sample Criteria Exceedances Report

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SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CL17712	$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2900	120	120	ug/Kg
CL17712	$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	900	720	60	60	ug/Kg
CL17713	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	1.69	0.15	0.73	0.73	mg/Kg
CL17713	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	1.69	0.15	0.81	0.81	mg/Kg
CL17713	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	1.69	0.15	0.81	0.81	mg/Kg
CL17713	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	1.69	0.15	0.18	0.18	mg/Kg
CL17713	PB-SMDP	Lead	NY / 375-6.8 Metals / Ground Water Protection	625	0.8	450	450	mg/Kg
CL17713	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	625	0.8	400	400	mg/Kg
CL17713	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	625	0.8	400	400	mg/Kg
CL17713	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	625	0.8	63	63	mg/Kg
CL17714	$8260MADPR	Naphthalene	NY / 375-6.8 Semivolatiles / Ground Water Protection	67000	9500	12000	12000	ug/Kg
CL17714	$8260MADPR	Naphthalene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	67000	9500	12000	12000	ug/Kg
CL17714	$8260MADPR	Ethylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	1400	1000	1000	1000	ug/Kg
CL17714	$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	190	20	20	ug/Kg
CL17714	$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	760	50	50	ug/Kg
CL17714	$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	190	20	20	ug/Kg
CL17714	$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	760	120	120	ug/Kg
CL17714	$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	190	60	60	ug/Kg
CL17714	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	1900	50	50	ug/Kg
CL17714	$8260MADPR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	380	270	270	ug/Kg
CL17714	$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	190	20	20	ug/Kg
CL17714	$8260MADPR	Ethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	1400	1000	1000	1000	ug/Kg
CL17714	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1900	50	50	ug/Kg
CL17714	$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	760	120	120	ug/Kg
CL17714	$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	760	50	50	ug/Kg
CL17714	$8260MADPR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	380	270	270	ug/Kg
CL17714	$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	190	20	20	ug/Kg
CL17714	$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	190	60	60	ug/Kg
CL17714	$8270SMRDP	Naphthalene	NY / 375-6.8 Semivolatiles / Ground Water Protection	51000	2800	12000	12000	ug/Kg
CL17714	$8270SMRDP	Naphthalene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	51000	2800	12000	12000	ug/Kg
CL17715	AG-SM	Silver	NY / 375-6.8 Metals / Ground Water Protection	9.50	0.43	8.3	8.3	mg/Kg
CL17715	AG-SM	Silver	NY / 375-6.8 Metals / Unrestricted Use Soil	9.50	0.43	2	2	mg/Kg
CL17715	AS-SM	Arsenic	NY / 375-6.8 Metals / Ground Water Protection	19.6	0.86	16	16	mg/Kg
CL17715	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential	19.6	0.86	16	16	mg/Kg
CL17715	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential Restricted	19.6	0.86	16	16	mg/Kg
CL17715	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	19.6	0.86	13	13	mg/Kg
CL17715	BA-SMDP	Barium	NY / 375-6.8 Metals / Ground Water Protection	1540	0.9	820	820	mg/Kg
CL17715	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential	1540	0.9	350	350	mg/Kg
CL17715	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential Restricted	1540	0.9	400	400	mg/Kg
CL17715	BA-SMDP	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	1540	0.9	350	350	mg/Kg

Tuesday, May 03, 2022

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

State: NY

Sample Criteria Exceedances Report

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SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CL17715	CD-SM	Cadmium	NY / 375-6.8 Metals / Ground Water Protection	11.1	0.43	7.5	7.5	mg/Kg
CL17715	CD-SM	Cadmium	NY / 375-6.8 Metals / Residential	11.1	0.43	2.5	2.5	mg/Kg
CL17715	CD-SM	Cadmium	NY / 375-6.8 Metals / Residential Restricted	11.1	0.43	4.3	4.3	mg/Kg
CL17715	CD-SM	Cadmium	NY / 375-6.8 Metals / Unrestricted Use Soil	11.1	0.43	2.5	2.5	mg/Kg
CL17715	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	84.2	0.43	30		mg/Kg
CL17715	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	3.05	0.15	0.73	0.73	mg/Kg
CL17715	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	3.05	0.15	0.81	0.81	mg/Kg
CL17715	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	3.05	0.15	0.81	0.81	mg/Kg
CL17715	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	3.05	0.15	0.18	0.18	mg/Kg
CL17715	PB-SMDP	Lead	NY / 375-6.8 Metals / Ground Water Protection	2280	86	450	450	mg/Kg
CL17715	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	2280	86	400	400	mg/Kg
CL17715	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	2280	86	400	400	mg/Kg
CL17715	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	2280	86	63	63	mg/Kg
CL17716	$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	520	120	120	ug/Kg
CL17716	$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	520	50	50	ug/Kg
CL17716	$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	130	20	20	ug/Kg
CL17716	$8260MADPR	n-Propylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	32000	1300	3900	3900	ug/Kg
CL17716	$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	130	20	20	ug/Kg
CL17716	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	1300	50	50	ug/Kg
CL17716	$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	130	60	60	ug/Kg
CL17716	$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	130	60	60	ug/Kg
CL17716	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1300	50	50	ug/Kg
CL17716	$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	520	120	120	ug/Kg
CL17716	$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	520	50	50	ug/Kg
CL17716	$8260MADPR	n-Propylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	32000	1300	3900	3900	ug/Kg
CL17716	$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	130	20	20	ug/Kg
CL17716	$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	130	20	20	ug/Kg
CL17717	AG-SM	Silver	NY / 375-6.8 Metals / Unrestricted Use Soil	2.82	0.38	2	2	mg/Kg
CL17717	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential	440	0.8	350	350	mg/Kg
CL17717	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential Restricted	440	0.8	400	400	mg/Kg
CL17717	BA-SMDP	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	440	0.8	350	350	mg/Kg
CL17717	CD-SM	Cadmium	NY / 375-6.8 Metals / Residential	2.57	0.38	2.5	2.5	mg/Kg
CL17717	CD-SM	Cadmium	NY / 375-6.8 Metals / Unrestricted Use Soil	2.57	0.38	2.5	2.5	mg/Kg
CL17717	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	46.5	0.38	30		mg/Kg
CL17717	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	0.79	0.03	0.73	0.73	mg/Kg
CL17717	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.79	0.03	0.18	0.18	mg/Kg
CL17717	PB-SMDP	Lead	NY / 375-6.8 Metals / Ground Water Protection	713	0.8	450	450	mg/Kg
CL17717	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	713	0.8	400	400	mg/Kg
CL17717	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	713	0.8	400	400	mg/Kg
CL17717	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	713	0.8	63	63	mg/Kg

Tuesday, May 03, 2022

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

State: NY

Sample Criteria Exceedances Report

GCL17709 - BRUSSEE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CL17718	$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	660	120	120	ug/Kg
CL17718	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	1600	50	50	ug/Kg
CL17718	$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	160	20	20	ug/Kg
CL17718	$8260MADPR	n-Propylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	28000	1600	3900	3900	ug/Kg
CL17718	$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	660	50	50	ug/Kg
CL17718	$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	160	60	60	ug/Kg
CL17718	$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	160	20	20	ug/Kg
CL17718	$8260MADPR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	330	270	270	ug/Kg
CL17718	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1600	50	50	ug/Kg
CL17718	$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	160	60	60	ug/Kg
CL17718	$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	660	120	120	ug/Kg
CL17718	$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	160	20	20	ug/Kg
CL17718	$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	660	50	50	ug/Kg
CL17718	$8260MADPR	n-Propylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	28000	1600	3900	3900	ug/Kg
CL17718	$8260MADPR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	330	270	270	ug/Kg
CL17718	$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	160	20	20	ug/Kg
CL17719	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	118	0.7	63	63	mg/Kg
CL17720	$8260MADPR	Naphthalene	NY / 375-6.8 Semivolatiles / Ground Water Protection	440000	42000	12000	12000	ug/Kg
CL17720	$8260MADPR	Naphthalene	NY / 375-6.8 Semivolatiles / Residential	440000	42000	100000	100000	ug/Kg
CL17720	$8260MADPR	Naphthalene	NY / 375-6.8 Semivolatiles / Residential Restricted	440000	42000	100000	100000	ug/Kg
CL17720	$8260MADPR	Naphthalene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	440000	42000	12000	12000	ug/Kg
CL17720	$8260MADPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	1000	190	190	ug/Kg
CL17720	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	11000	10000	50	50	ug/Kg
CL17720	$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	4200	50	50	ug/Kg
CL17720	$8260MADPR	Methyl t-butyl ether (MTBE)	NY / 375-6.8 Volatiles / Ground Water Protection	ND	2100	930	930	ug/Kg
CL17720	$8260MADPR	Tetrachloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	2100	1300	1300	ug/Kg
CL17720	$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	4200	120	120	ug/Kg
CL17720	$8260MADPR	Ethylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	8900	1000	1000	1000	ug/Kg
CL17720	$8260MADPR	Toluene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	1000	700	700	ug/Kg
CL17720	$8260MADPR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	1000	250	250	ug/Kg
CL17720	$8260MADPR	Chloroform	NY / 375-6.8 Volatiles / Ground Water Protection	ND	1000	370	370	ug/Kg
CL17720	$8260MADPR	n-Propylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	18000	10000	3900	3900	ug/Kg
CL17720	$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	1000	20	20	ug/Kg
CL17720	$8260MADPR	1,1-Dichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	1000	330	330	ug/Kg
CL17720	$8260MADPR	1,1,1-Trichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	1000	680	680	ug/Kg
CL17720	$8260MADPR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	2100	270	270	ug/Kg
CL17720	$8260MADPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	8200	3600	3600	3600	ug/Kg
CL17720	$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	1000	20	20	ug/Kg
CL17720	$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	1000	470	470	ug/Kg
CL17720	$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	1000	60	60	ug/Kg

Tuesday, May 03, 2022

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

State: NY

Sample Criteria Exceedances Report

GCL17709 - BRUSSEE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CL17720	$8260MADPR	Carbon tetrachloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	2100	760	760	ug/Kg
CL17720	$8260MADPR	Carbon tetrachloride	NY / 375-6.8 Volatiles / Residential	ND	2100	1400	1400	ug/Kg
CL17720	$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	1000	210	210	ug/Kg
CL17720	$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential Restricted	ND	1000	900	900	ug/Kg
CL17720	$8260MADPR	Tetrachloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2100	1300	1300	ug/Kg
CL17720	$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1000	470	470	ug/Kg
CL17720	$8260MADPR	n-Propylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	18000	10000	3900	3900	ug/Kg
CL17720	$8260MADPR	Toluene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1000	700	700	ug/Kg
CL17720	$8260MADPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1000	190	190	ug/Kg
CL17720	$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1000	20	20	ug/Kg
CL17720	$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1000	20	20	ug/Kg
CL17720	$8260MADPR	1,1-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1000	330	330	ug/Kg
CL17720	$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	4200	50	50	ug/Kg
CL17720	$8260MADPR	1,1,1-Trichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1000	680	680	ug/Kg
CL17720	$8260MADPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	8200	3600	3600	3600	ug/Kg
CL17720	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	11000	10000	50	50	ug/Kg
CL17720	$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1000	60	60	ug/Kg
CL17720	$8260MADPR	Carbon tetrachloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2100	760	760	ug/Kg
CL17720	$8260MADPR	Chloroform	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1000	370	370	ug/Kg
CL17720	$8260MADPR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1000	250	250	ug/Kg
CL17720	$8260MADPR	Ethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	8900	1000	1000	1000	ug/Kg
CL17720	$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	4200	120	120	ug/Kg
CL17720	$8260MADPR	Methyl t-butyl ether (MTBE)	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2100	930	930	ug/Kg
CL17720	$8260MADPR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2100	270	270	ug/Kg
CL17720	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1400	490	1000	1000	ug/Kg
CL17720	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1500	490	1000	1000	ug/Kg
CL17720	$8270SMRDP	Naphthalene	NY / 375-6.8 Semivolatiles / Ground Water Protection	170000	49000	12000	12000	ug/Kg
CL17720	$8270SMRDP	Naphthalene	NY / 375-6.8 Semivolatiles / Residential	170000	49000	100000	100000	ug/Kg
CL17720	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	640	490	500	500	ug/Kg
CL17720	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1500	490	1000	1000	ug/Kg
CL17720	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1500	350	1000	1000	ug/Kg
CL17720	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1400	490	1000	1000	ug/Kg
CL17720	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1500	350	1000	1000	ug/Kg
CL17720	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	640	490	500	500	ug/Kg
CL17720	$8270SMRDP	Naphthalene	NY / 375-6.8 Semivolatiles / Residential Restricted	170000	49000	100000	100000	ug/Kg
CL17720	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	1400	490	1000	1000	ug/Kg
CL17720	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1500	350	1000	1000	ug/Kg
CL17720	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	840	490	800	800	ug/Kg
CL17720	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1400	490	1000	1000	ug/Kg
CL17720	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1500	490	1000	1000	ug/Kg
CL17720	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	640	490	500	500	ug/Kg
CL17720	$8270SMRDP	Acenaphthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	24000	4900	20000	20000	ug/Kg

Tuesday, May 03, 2022

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

State: NY

Sample Criteria Exceedances Report

GCL17709 - BRUSSEE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CL17720	$8270SMRDP	Naphthalene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	170000	49000	12000	12000	ug/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

NY # 11301

Analysis Comments

May 03, 2022 SDG I.D.: GCL17709

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

SVOA Narration

CHEM29 04/27/22-2: CL17710, CL17712, CL17714, CL17716, CL17718, CL17720

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

The following Initial Calibration compounds did not meet recommended response factors: % 2,4,6-Tribromophenol 0.037 (0.05), 2-Nitrophenol 0.076 (0.1), Bis(2-chloroethoxy)methane 0.259 (0.3), Bis(2-chloroethyl)ether 0.514 (0.7), Hexachlorobenzene 0.075 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: % 2,4,6-Tribromophenol 0.037 (0.05)

The following Continuing Calibration compounds did not meet recommended response factors: % 2,4,6-Tribromophenol 0.044 (0.05), 2-Nitrophenol 0.080 (0.1), Bis(2-chloroethoxy)methane 0.272 (0.3), Bis(2-chloroethyl)ether 0.559 (0.7), Hexachlorobenzene 0.080 (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%.

VOA Narration

CHEM14 04/27/22-2: CL17710, CL17712, CL17714, CL17720

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)
The following Initial 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%.

CHEM14 04/28/22-1: CL17714, CL17718, CL17720

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)
The following Initial 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%.

CHEM14 04/29/22-1: CL17716

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.: GCL17709

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

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

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

May 03, 2022

SDG I.D.: GCL17709

The samples in this delivery group were received at 1.0°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [ ] No [ ]
Temp 1.0°C Pg 1 of 2

NY/NJ/PA CHAIN OF CUSTODY RECORD

PHOENIX Environmental Laboratories, Inc.

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

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

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

Project: 558 Sackett St
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: 4/26/22

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	SVOCs 8270	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 [ ] 1000ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL NaOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
17709	SB1(1-3)	S	4/26/22	0945			X			1									
17710	SB1(8-10)	S	4/26/22	1330	X	X				3	1								
17711	SB2(2-4)	S	4/26/22	1040			X			1									
17712	SB2(13-15)	S	4/26/22	1045	X	X				3	1								
17713	SB3(0-2)	S	4/26/22	1015			X			1									
17714	SB3(10-12)	S	4/26/22	1345	X	X				3	1								
17715	SB4(3-5)	S	4/26/22	0845			X			1									
17716	SB4(9-11)	S	4/26/22	1420	X	X				3	1								
17717	SB6(0-2)	S	4/26/22	1115			X			1									
17718	SB6(8-10)	S	4/26/22	1445	X	X				3	1								
17719	SB7(1-3)	S	4/26/22	7145			X			1									

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	4.27.22	12:17
BM	[signature]	4/27	1529

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
[ ] 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

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 1.0 °C Pg 2 of 2

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

Customer: Brusseo Environmental (BEC)
Address: 14 Evan Lane
Miller Place, NY

Project: 558 Sackett St
Report to:
Invoice to:
QUOTE # :

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample Information - Identification

Sampler's Signature

Date: 4/26/22

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	SVOCs 8270	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 [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL NaOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
17720	SB7 (11-13)	S	4/26/22	1500	X	X			3	1								

Relinquished by:	Accepted by:	Date:	Time:
EM		4.27.22	1217
		4/27	1529

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?
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: **558 SACKETT ST**
SDG ID: **GCL16713**
Sample ID#s: **CL16713 - CL16715**

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

NY # 11301

SDG Comments

April 28, 2022

SDG I.D.: GCL16713

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.

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NY # 11301

Sample Id Cross Reference

April 28, 2022

SDG I.D.: GCL16713

Project ID: 558 SACKETT ST

Client Id	Lab Id	Matrix
GW3	CL16713	GROUND WATER
GW2	CL16714	GROUND WATER
GW1	CL16715	GROUND WATER

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:		04/26/22	11:00
Location Code:	BRUSSEE	Received by:	CP	04/26/22	16:25
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL16713
Phoenix ID: CL16713

Project ID: 558 SACKETT ST
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	54	20	5.0	ug/L	20	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	29	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: 558 SACKETT ST
Client ID: GW3

Phoenix I.D.: CL16713

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		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	4.3		1.4	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	39		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	10		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
m&p-Xylene	51		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	8.3		2.0	2.0	ug/L	2	04/27/22	MH	SW8260C	
n-Butylbenzene	5.1		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
n-Propylbenzene	37		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
o-Xylene	0.89	J	2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
p-Isopropyltoluene	0.85	J	2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
sec-Butylbenzene	3.4		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	ND		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	0.67	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)	99				%	2	04/27/22	MH	70 - 130 %	
% Bromofluorobenzene (2x)	89				%	2	04/27/22	MH	70 - 130 %	
% Dibromofluoromethane (2x)	89				%	2	04/27/22	MH	70 - 130 %	

Ver 1

Project ID: 558 SACKETT ST
Client ID: GW3

Phoenix I.D.: CL16713

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (2x)	95			%	2	04/27/22	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (20x)	100			%	20	04/27/22	MH	70 - 130 %
% Bromofluorobenzene (20x)	96			%	20	04/27/22	MH	70 - 130 %
% Dibromofluoromethane (20x)	99			%	20	04/27/22	MH	70 - 130 %
% Toluene-d8 (20x)	101			%	20	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)	99			%	2	04/27/22	MH	70 - 130 %
% Bromofluorobenzene (2x)	89			%	2	04/27/22	MH	70 - 130 %
% Dibromofluoromethane (2x)	89			%	2	04/27/22	MH	70 - 130 %
% Toluene-d8 (2x)	95			%	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:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

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: 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 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:		04/26/22	11:30
Location Code:	BRUSSEE	Received by:	CP	04/26/22	16:25
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL16713
Phoenix ID: CL16714

Project ID: 558 SACKETT ST
Client ID: GW2

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	200		20	5.0	ug/L	20	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	81		20	5.0	ug/L	20	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	1.1	J	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	

Ver 1

Project ID: 558 SACKETT ST
Client ID: GW2

Phoenix I.D.: CL16714

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		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	14		1.4	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	110		20	5.0	ug/L	20	04/27/22	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.40	ug/L	2	04/27/22	MH	SW8260C	
Isopropylbenzene	40		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
m&p-Xylene	150		20	5.0	ug/L	20	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	38		2.0	2.0	ug/L	2	04/27/22	MH	SW8260C	
n-Butylbenzene	14		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
n-Propylbenzene	100		20	5.0	ug/L	20	04/27/22	MH	SW8260C	
o-Xylene	3.4		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
p-Isopropyltoluene	2.3		2.0	0.50	ug/L	2	04/27/22	MH	SW8260C	
sec-Butylbenzene	10		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	ND		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	2.1		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	0.60	J	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)	92				%	2	04/27/22	MH	70 - 130 %	
% Dibromofluoromethane (2x)	91				%	2	04/27/22	MH	70 - 130 %	

Ver 1

Project ID: 558 SACKETT ST
Client ID: GW2

Phoenix I.D.: CL16714

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (2x)	96			%	2	04/27/22	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (20x)	101			%	20	04/27/22	MH	70 - 130 %
% Bromofluorobenzene (20x)	95			%	20	04/27/22	MH	70 - 130 %
% Dibromofluoromethane (20x)	99			%	20	04/27/22	MH	70 - 130 %
% Toluene-d8 (20x)	100			%	20	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)	92			%	2	04/27/22	MH	70 - 130 %
% Dibromofluoromethane (2x)	91			%	2	04/27/22	MH	70 - 130 %
% Toluene-d8 (2x)	96			%	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 for volatiles due to the presence of target and/or non-target compounds.

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.

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: 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 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:		04/26/22	12:00
Location Code:	BRUSSEE	Received by:	CP	04/26/22	16:25
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL16713
Phoenix ID: CL16715

Project ID: 558 SACKETT ST
Client ID: GW1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.3	1.3	ug/L	5	04/28/22	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
1,1-Dichloroethene	ND	5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
1,1-Dichloropropene	ND	5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
1,2,3-Trichloropropane	ND	1.3	1.3	ug/L	5	04/28/22	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
1,2,4-Trimethylbenzene	330	20	5.0	ug/L	20	04/27/22	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	2.5	2.5	ug/L	5	04/28/22	MH	SW8260C	
1,2-Dibromoethane	ND	1.3	1.3	ug/L	5	04/28/22	MH	SW8260C	
1,2-Dichlorobenzene	ND	4.7	1.3	ug/L	5	04/28/22	MH	SW8260C	
1,2-Dichloroethane	ND	2.5	2.5	ug/L	5	04/28/22	MH	SW8260C	
1,2-Dichloropropane	ND	1.3	1.3	ug/L	5	04/28/22	MH	SW8260C	
1,3,5-Trimethylbenzene	130	20	5.0	ug/L	20	04/27/22	MH	SW8260C	
1,3-Dichlorobenzene	ND	3.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
1,3-Dichloropropane	ND	5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
1,4-Dichlorobenzene	ND	5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
2,2-Dichloropropane	ND	5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
2-Chlorotoluene	ND	5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
2-Hexanone	ND	13	13	ug/L	5	04/28/22	MH	SW8260C	
2-Isopropyltoluene	ND	5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	1
4-Chlorotoluene	ND	5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
4-Methyl-2-pentanone	ND	13	13	ug/L	5	04/28/22	MH	SW8260C	

Ver 1

Project ID: 558 SACKETT ST
Client ID: GW1

Phoenix I.D.: CL16715

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		25	13	ug/L	5	04/28/22	MH	SW8260C	
Acrolein	ND		13	13	ug/L	5	04/28/22	MH	SW8260C	
Acrylonitrile	ND		5.0	5.0	ug/L	5	04/28/22	MH	SW8260C	
Benzene	25		3.5	1.3	ug/L	5	04/28/22	MH	SW8260C	
Bromobenzene	ND		5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
Bromochloromethane	ND		5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
Bromodichloromethane	ND		5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
Bromoform	ND		25	1.3	ug/L	5	04/28/22	MH	SW8260C	
Bromomethane	ND		5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
Carbon Disulfide	ND		5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
Carbon tetrachloride	ND		5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
Chlorobenzene	ND		5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
Chloroethane	ND		5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
Chloroform	ND		7.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
Chloromethane	ND		5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
cis-1,2-Dichloroethene	ND		5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
cis-1,3-Dichloropropene	ND		1.3	1.3	ug/L	5	04/28/22	MH	SW8260C	
Dibromochloromethane	ND		5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
Dibromomethane	ND		5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
Dichlorodifluoromethane	ND		5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
Ethylbenzene	200		20	5.0	ug/L	20	04/27/22	MH	SW8260C	
Hexachlorobutadiene	ND		1.0	1.0	ug/L	5	04/28/22	MH	SW8260C	
Isopropylbenzene	54		5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
m&p-Xylene	260		20	5.0	ug/L	20	04/27/22	MH	SW8260C	
Methyl ethyl ketone	ND		13	13	ug/L	5	04/28/22	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
Methylene chloride	ND		5.0	5.0	ug/L	5	04/28/22	MH	SW8260C	
Naphthalene	54		5.0	5.0	ug/L	5	04/28/22	MH	SW8260C	
n-Butylbenzene	15		5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
n-Propylbenzene	150		20	5.0	ug/L	20	04/27/22	MH	SW8260C	
o-Xylene	5.1		5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
p-Isopropyltoluene	1.8	J	5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
sec-Butylbenzene	11		5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
Styrene	ND		5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
tert-Butylbenzene	ND		5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
Tetrachloroethene	ND		5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
Tetrahydrofuran (THF)	ND		25	13	ug/L	5	04/28/22	MH	SW8260C	1
Toluene	3.6	J	5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
trans-1,3-Dichloropropene	ND		1.3	1.3	ug/L	5	04/28/22	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		13	13	ug/L	5	04/28/22	MH	SW8260C	
Trichloroethene	ND		5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
Trichlorofluoromethane	ND		5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
Trichlorotrifluoroethane	ND		5.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
Vinyl chloride	ND		2.0	1.3	ug/L	5	04/28/22	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4 (5x)	102				%	5	04/28/22	MH	70 - 130 %	
% Bromofluorobenzene (5x)	90				%	5	04/28/22	MH	70 - 130 %	
% Dibromofluoromethane (5x)	95				%	5	04/28/22	MH	70 - 130 %	

Ver 1

Project ID: 558 SACKETT ST
Client ID: GW1

Phoenix I.D.: CL16715

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (5x)	96			%	5	04/28/22	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (20x)	100			%	20	04/27/22	MH	70 - 130 %
% Bromofluorobenzene (20x)	96			%	20	04/27/22	MH	70 - 130 %
% Dibromofluoromethane (20x)	98			%	20	04/27/22	MH	70 - 130 %
% Toluene-d8 (20x)	99			%	20	04/27/22	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	500		ug/l	5	04/28/22	MH	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4 (5x)	102			%	5	04/28/22	MH	70 - 130 %
% Bromofluorobenzene (5x)	90			%	5	04/28/22	MH	70 - 130 %
% Dibromofluoromethane (5x)	95			%	5	04/28/22	MH	70 - 130 %
% Toluene-d8 (5x)	96			%	5	04/28/22	MH	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.0		ug/L	5	04/28/22	MH	SW8260C
Acrolein	ND	13		ug/L	5	04/28/22	MH	SW8260C
Acrylonitrile	ND	5.0		ug/L	5	04/28/22	MH	SW8260C
Tert-butyl alcohol	ND	250		ug/L	5	04/28/22	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.

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: 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

QA/QC Report

April 28, 2022

QA/QC Data

SDG I.D.: GCL16713

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 (CL16713 (20X) , CL16714 (20X) , CL16715 (20X))										
Volatiles - Ground Water										
1,2,4-Trimethylbenzene	ND	1.0	103	106	2.9				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	105	109	3.7				70 - 130	30
Ethylbenzene	ND	1.0	107	111	3.7				70 - 130	30
m&p-Xylene	ND	1.0	103	108	4.7				70 - 130	30
n-Propylbenzene	ND	1.0	107	111	3.7				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.										
QA/QC Batch 622401 (ug/L), QC Sample No: CL18280 (CL16713 (2X) , CL16714 (2X) , CL16715 (5X))										
Volatiles - Ground Water										
1,1,1,2-Tetrachloroethane	ND	1.0	98	107	8.8				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	90	96	6.5				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	99	109	9.6				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	80	96	18.2				70 - 130	30
1,1-Dichloroethane	ND	1.0	98	107	8.8				70 - 130	30
1,1-Dichloroethene	ND	1.0	103	109	5.7				70 - 130	30
1,1-Dichloropropene	ND	1.0	93	99	6.3				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	89	105	16.5				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	98	106	7.8				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	90	103	13.5				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	90	105	15.4				70 - 130	30
1,2-Dibromoethane	ND	1.0	94	103	9.1				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	103	110	6.6				70 - 130	30
1,2-Dichloroethane	ND	1.0	82	92	11.5				70 - 130	30
1,2-Dichloropropane	ND	1.0	87	95	8.8				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	111	112	0.9				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	105	110	4.7				70 - 130	30
1,3-Dichloropropane	ND	1.0	95	108	12.8				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	104	110	5.6				70 - 130	30
1,4-dioxane	ND	100	114	111	2.7				70 - 130	30
2,2-Dichloropropane	ND	1.0	89	94	5.5				70 - 130	30
2-Chlorotoluene	ND	1.0	110	111	0.9				70 - 130	30
2-Hexanone	ND	5.0	70	88	22.8				70 - 130	30
2-Isopropyltoluene	ND	1.0	108	110	1.8				70 - 130	30
4-Chlorotoluene	ND	1.0	109	112	2.7				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	70	86	20.5				70 - 130	30
Acetone	ND	5.0	76	97	24.3				70 - 130	30

QA/QC Data

SDG I.D.: GCL16713

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Acrolein	ND	5.0	94	115	20.1				70 - 130	30	
Acrylonitrile	ND	5.0	90	104	14.4				70 - 130	30	
Benzene	ND	0.70	91	98	7.4				70 - 130	30	
Bromobenzene	ND	1.0	106	110	3.7				70 - 130	30	
Bromochloromethane	ND	1.0	84	92	9.1				70 - 130	30	
Bromodichloromethane	ND	0.50	82	94	13.6				70 - 130	30	
Bromoform	ND	1.0	87	103	16.8				70 - 130	30	
Bromomethane	ND	1.0	97	117	18.7				70 - 130	30	
Carbon Disulfide	ND	1.0	97	101	4.0				70 - 130	30	
Carbon tetrachloride	ND	1.0	84	91	8.0				70 - 130	30	
Chlorobenzene	ND	1.0	98	105	6.9				70 - 130	30	
Chloroethane	ND	1.0	106	108	1.9				70 - 130	30	
Chloroform	ND	1.0	87	95	8.8				70 - 130	30	
Chloromethane	ND	1.0	93	99	6.3				70 - 130	30	
cis-1,2-Dichloroethene	ND	1.0	91	89	2.2				70 - 130	30	
cis-1,3-Dichloropropene	ND	0.40	81	91	11.6				70 - 130	30	
Dibromochloromethane	ND	0.50	93	105	12.1				70 - 130	30	
Dibromomethane	ND	1.0	84	97	14.4				70 - 130	30	
Dichlorodifluoromethane	ND	1.0	91	96	5.3				70 - 130	30	
Ethylbenzene	ND	1.0	103	110	6.6				70 - 130	30	
Hexachlorobutadiene	ND	0.40	93	98	5.2				70 - 130	30	
Isopropylbenzene	ND	1.0	113	111	1.8				70 - 130	30	
m&p-Xylene	ND	1.0	101	108	6.7				70 - 130	30	
Methyl ethyl ketone	ND	5.0	75	90	18.2				70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	81	99	20.0				70 - 130	30	
Methylene chloride	ND	1.0	82	92	11.5				70 - 130	30	
Naphthalene	ND	1.0	87	105	18.8				70 - 130	30	
n-Butylbenzene	ND	1.0	110	113	2.7				70 - 130	30	
n-Propylbenzene	ND	1.0	111	114	2.7				70 - 130	30	
o-Xylene	ND	1.0	100	106	5.8				70 - 130	30	
p-Isopropyltoluene	ND	1.0	110	112	1.8				70 - 130	30	
sec-Butylbenzene	ND	1.0	111	114	2.7				70 - 130	30	
Styrene	ND	1.0	100	110	9.5				70 - 130	30	
tert-butyl alcohol	ND	10	123	141	13.6				70 - 130	30	I
tert-Butylbenzene	ND	1.0	110	111	0.9				70 - 130	30	
Tetrachloroethene	ND	1.0	84	90	6.9				70 - 130	30	
Tetrahydrofuran (THF)	ND	2.5	60	74	20.9				70 - 130	30	I
Toluene	ND	1.0	92	99	7.3				70 - 130	30	
trans-1,2-Dichloroethene	ND	1.0	102	109	6.6				70 - 130	30	
trans-1,3-Dichloropropene	ND	0.40	79	91	14.1				70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	88	98	10.8				70 - 130	30	
Trichloroethene	ND	1.0	89	97	8.6				70 - 130	30	
Trichlorofluoromethane	ND	1.0	109	113	3.6				70 - 130	30	
Trichlorotrifluoroethane	ND	1.0	96	97	1.0				70 - 130	30	
Vinyl chloride	ND	1.0	97	102	5.0				70 - 130	30	
% 1,2-dichlorobenzene-d4	98	%	99	100	1.0				70 - 130	30	
% Bromofluorobenzene	86	%	90	95	5.4				70 - 130	30	
% Dibromofluoromethane	93	%	88	95	7.7				70 - 130	30	
% Toluene-d8	98	%	96	97	1.0				70 - 130	30	

QA/QC Data

SDG I.D.: GCL16713

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

Comment:

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

Additional 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.

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 28, 2022

Thursday, April 28, 2022

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GCL16713 - BRUSSEE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CL16713	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	8.3	2.0	5	5	ug/L
CL16713	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	4.3	1.4	0.7	0.7	ug/L
CL16713	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	39	2.0	5	5	ug/L
CL16713	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	37	2.0	5	5	ug/L
CL16713	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CL16713	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.4	0.4	ug/L
CL16713	$8260DP25R	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	5.1	2.0	5	5	ug/L
CL16713	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	10	2.0	5	5	ug/L
CL16713	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	39	2.0	5	5	ug/L
CL16713	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	4.3	1.4	1	1	ug/L
CL16713	$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	29	2.0	5	5	ug/L
CL16713	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.6	0.6	ug/L
CL16713	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.0006	0.0006	ug/L
CL16713	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
CL16713	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	54	20	5	5	ug/L
CL16713	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.4	0.4	ug/L
CL16714	$8260DP25R	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	38	2.0	10	10	ug/L
CL16714	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	38	2.0	5	5	ug/L
CL16714	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	110	20	5	5	ug/L
CL16714	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	14	1.4	0.7	0.7	ug/L
CL16714	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.0006	0.0006	ug/L
CL16714	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	40	2.0	5	5	ug/L
CL16714	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	110	20	5	5	ug/L
CL16714	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.4	0.4	ug/L
CL16714	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	14	1.4	1	1	ug/L
CL16714	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CL16714	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.6	0.6	ug/L
CL16714	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
CL16714	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	200	20	5	5	ug/L
CL16714	$8260DP25R	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	14	2.0	5	5	ug/L
CL16714	$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	81	20	5	5	ug/L
CL16714	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	100	20	5	5	ug/L
CL16714	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	10	2.0	5	5	ug/L
CL16714	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.4	0.4	ug/L
CL16714	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	38	2.0	10	10	ug/L
CL16715	$8260DP25R	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	54	5.0	10	10	ug/L
CL16715	$8260DP25R	o-Xylene	NY / TAGM - Volatile Organics / Groundwater Standards	5.1	5.0	5	5	ug/L
CL16715	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	25	3.5	0.7	0.7	ug/L
CL16715	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	200	20	5	5	ug/L
CL16715	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	54	5.0	5	5	ug/L

Thursday, April 28, 2022

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GCL16713 - BRUSSEE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CL16715	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	54	5.0	5	5	ug/L
CL16715	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	54	5.0	10	10	ug/L
CL16715	$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.5	0.5	ug/L
CL16715	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	150	20	5	5	ug/L
CL16715	$8260DP25R	o-Xylene	NY / TOGS - Water Quality / GA Criteria	5.1	5.0	5	5	ug/L
CL16715	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	11	5.0	5	5	ug/L
CL16715	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.4	0.4	ug/L
CL16715	$8260DP25R	trans-1,4-dichloro-2-butene	NY / TOGS - Water Quality / GA Criteria	ND	13	5	5	ug/L
CL16715	$8260DP25R	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	15	5.0	5	5	ug/L
CL16715	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	200	20	5	5	ug/L
CL16715	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	25	3.5	1	1	ug/L
CL16715	$8260DP25R	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	13	5	5	ug/L
CL16715	$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	130	20	5	5	ug/L
CL16715	$8260DP25R	1,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	1	1	ug/L
CL16715	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.6	0.6	ug/L
CL16715	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.0006	0.0006	ug/L
CL16715	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.04	0.04	ug/L
CL16715	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	330	20	5	5	ug/L
CL16715	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.04	0.04	ug/L
CL16715	$8260DP25R	1,1,2-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	1	1	ug/L
CL16715	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.4	0.4	ug/L
CL16715	$NJADD-WM	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	13	5	5	ug/L

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

NY # 11301

Analysis Comments

April 28, 2022 SDG I.D.: GCL16713

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

VOA Narration

CHEM17 04/27/22-2: CL16713, CL16714, CL16715

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 recommended response factors: 1,2-Dibromo-3-chloropropane 0.025 (0.05), 2-Hexanone 0.047 (0.05), Acetone 0.035 (0.05), Acrolein 0.027 (0.05), Tetrahydrofuran (THF) 0.034 (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), 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%.

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

April 28, 2022

SDG I.D.: GCL16713

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 ☒ No ☐
Coolant: IPK ☒ 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:
☒ Phone: (631) 338-1749
☐ Fax:
☒ Email: kbrussee@brusseecorp.com

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

Project: 558 Jackett St
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: 4/26/22

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 [ ] 1000ml	PL NaOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
16713	GW3	GW	4/26/22	1100	X				3								
16714	GW2	GW	4/26/22	1130	X				3								
16715	GW1	GW	4/26/22	1200	X				3								

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

Comments, Special Requirements or Regulations:

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

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ 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
☐ 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?
NY