EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

December 8, 2020

Mr. Jacob Schwimmer
JCS Realty
199 Lee Avenue, PMB 103
Brooklyn, NY 11211

Re: ***Limited Phase II Subsurface Investigation Report***
40 Bruckner Boulevard, Bronx, NY 10451
Block 2295, Lot 51

Dear Mr. Schwimmer:

Environmental Business Consultants (EBC) performed a Limited Phase II Subsurface Investigation at the above-referenced Site on June 10, 2020 to assess the environmental condition of the property. The Phase II Investigation consisted of the installation of ten soil borings across portions of the Site that were accessible with a Geoprobe. This work was performed in accordance with an EBC proposal submitted to Mr. Schwimmer dated May 26, 2020.

Property Description
The street address for the Site is 40 Bruckner Boulevard, Queens, New York 10454. The Site is located in the Mott Haven section of the borough of Bronx, New York (**Figure 1**). The Site is identified as Block 2295, Lot 51, on the New York City Tax Map. The lot consists of 287.77 feet of street frontage along Bruckner Boulevard, 200 feet of street frontage along Alexander Avenue, and 131.5 feet of street frontage along East 132nd Street for a total of approximately 75,284 square feet.

Background
A Phase I Environmental Site Assessment report dated January 15, 2019, was prepared by Roux Environmental Engineering and Geology, D.P.C (Roux).

Roux identified the current Site use as the following: A 1-story building located at the south corner of Alexander Avenue and Bruckner boulevard is occupied by NY Water Works and consists of an office, storage space for mechanical parts for the company, a garage for the company's trucks, a smaller garage for repairing the trucks, and a vacant lot used for storage. The second building is a 3-story structure with a partial cellar. The 1st floor is currently occupied by a pet supply store, a printing company, and a private storage space. The 2nd and 3rd floors of this building were unoccupied and in need of repair. The 3rd building is currently a 1-story tire shop for automobiles located on the eastern side of the Site.

The Phase I Report identified the following RECs:

- The historic and current uses include industrial and auto related purposes. The Site has historically been utilized for various industries including: a machine shop, repair shop, dairy product manufacturer, scrap rubber storage, rag laundry, train yard, and waste paper storage. Some of these operations were first noted as early as 1891 and have likely existed prior to that date. Some of these operations likely involved the usage of hazardous substances and/or petroleum products.

- The presence of a drainage structure with petroleum on the water surface. An unknown drainage structure was identified underneath a steel plate in the southwest corner of the Site. Petroleum has been discharged into this container and the purpose of this structure was unable to be identified.

Roux has identified the following Business Environmental Risks (BERs) associated with the Site:

- Hazmat E-designation E-143 has been assigned to the Site. An (E) designation is a NYC zoning map designation indicating the presence of an environmental requirement pertaining to potential Hazardous Materials Contamination, Window/Wall Noise Attenuation, or Air Quality impacts on a particular tax lot.

Any redevelopment plans or change in property use would trigger an assessment to satisfy the environmental requirements of the New York City Mayor's Office of Environmental Remediation (OER).

Subsurface Investigation
Field work for the Subsurface Investigation was performed on June 10, 2020, and consisted of the installation of 10 soil borings to collect 16 soil samples for laboratory analysis. Soil boring locations were chosen to obtain soil quality information across the Site. However, due to low ceiling heights, elevated platforms or other obstructions, EBC was unable to access the buildings on the corner of Alexander Avenue and Bruckner Boulevard. The approximate location of the soil borings is shown on Figure 2.

For each of the soil borings, soil samples were collected from grade to a final depth of either 15 or 20 feet below existing grade using a 5-foot dual tube system using Geoprobe™ direct-push equipment. Retrieved sample cores were characterized by an Environmental Professional (EP) and field screened for the presence of volatile organic compounds (VOCs) using a photo-ionization detector (PID). No visual, olfactory or PID evidence of petroleum contamination was not encountered within soil recovered from each of the soil borings.

Soil recovered from the soil borings consisted generally of historic fill material (brown silty sand with pieces of asphalt, concrete, brick, wood, etc.) to depths varying between 3 and 11 ft followed by a native soil consisting of a a sandy-silt and/or coarse sand. EBC retained a soil sample for laboratory analysis from each of the 10 soil borings from the interval 0-2ft below grade. EBC retained an additional soil sample for laboratory analysis from soil borings that had fill which extend beyond 5ft, which included soil samples EBC3(10-12), EBC6(6-8), EBC8(5-7), EBC8(10-12), and EBC9(8-10). A soil boring log completed for each soil boring is included in Appendix A.

Groundwater was encountered at each soil boring at a depth of approximately 8ft. However, no groundwater samples were collected as a part of this investigation.

Sample Handling and Analysis
Collected soil samples were appropriately packaged, placed in coolers and shipped via laboratory dispatched courier for delivery to Phoenix Environmental Laboratories, Inc. (Phoenix) of 587 East Middle Turnpike, Manchester, Connecticut 06040, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11301). Each soil sample was analyzed for volatile organic compounds (VOCs) by EPA Method 8260, semi-volatile organic compounds (SVOCs) by EPA Method 8270, pesticides/PCBs by EPA Methods 8081/8082, and TAL metals.

Results
Soil/fill samples results were compared to NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted Residential Soil Cleanup Objectives (RRSCOs) as presented in 6NYCRR Part 375-6.8 and CP51 on Table 1 (VOCs), Table 2 (SVOCs), Table 3 (Pesticides/PCBs), and Table 4 (Metals). A copy of the laboratory analytical report is included in Appendix B.

The chlorinated VOC tetrachloroethene (PCE) was detected in one shallow soil sample (SB3(0-2) at a concentration greater than Unrestricted Use SCOs (2,500 µg/Kg). However, PCE was also detected at concentrations below Unrestricted Use SCOs in five other soil samples collected across the Site. No other VOCs were detected above Unrestricted Use SCOs. However, several gasoline related VOCs were detected at concentrations below Unrestricted Use SCOs across the Site.

Several SVOCs were detected at concentrations above Restricted Residential SCOs within six of the soil samples. The concentration and distribution are indicative of historic fill material, and not of a spill or release.

No PCBs were detected within any of the soil samples, and no pesticides were detected above Residential SCOs.

The metals barium (maximum of 686 mg/kg), cadmium (maximum of 4.36 mg/kg), copper (maximum of 508 mg/kg), lead (maximum of 1,350 mg/kg), and mercury (maximum of 2.28 mg/kg) were detected above Restricted

Residential SCOs within six of the soil samples. The concentrations and distribution are similar to those typically reported in historic fill material.

Conclusions

A total of 10 soil borings were performed across the Site. Historic fill material was encountered across the Sites at depths varying between 3 and 11 feet below grade. The laboratory results of the soil samples collected from the historic fill material contained SVOCs and metals above Restricted Residential SCOs. Proper handling/disposal of the historic fill material under a Remedial Action Work Plan will be required as part of redevelopment of the Site.

No visual, olfactory or PID evidence of petroleum contamination was noted within any of the soil recovered from the soil borings, and the laboratory results of the soil samples collected from immediately above the bedrock surface did not contain any VOCs or SVOCs at concentrations which would indicate a spill/release has occurred.

Please call if you have any questions or would like to discuss the project further.

Very truly yours,
Environmental Business Consultants

Kevin Brussee
Vice President

TABLES

Table 1
40 Bruckner Boulevard
Bronx, New York
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*	EBC1		EBC2		EBC3				EBC4		EBC5		EBC6			
			(0-2')		(0-3')		(0-2')		(10-12')		(0-2')		(0-2')		(0-2')		(6-8')	
			6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020	
			µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
	µg/Kg	µg/Kg	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane			< 5.8	5.8	< 6.7	6.7	< 7.9	7.9	< 5.2	5.2	< 5.1	5.1	< 6.8	6.8	< 23	23	< 19	19
1,1,1-Trichloroethane	680	100,000	< 5.8	5.8	**0.79**	6.7	**72**	330	< 5.2	5.2	< 5.1	5.1	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
1,1,2,2-Tetrachloroethane			< 5.8	5.8	< 490	490	< 330	330	< 5.2	5.2	< 310	310	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
1,1,2-Trichloroethane			< 5.8	5.8	< 6.7	6.7	< 7.9	7.9	< 5.2	5.2	< 5.1	5.1	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
1,1-Dichloroethane	270	26,000	< 5.8	5.8	< 6.7	6.7	< 7.9	7.9	< 5.2	5.2	< 5.1	5.1	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
1,1-Dichloroethene	330	100,000	< 5.8	5.8	< 6.7	6.7	< 7.9	7.9	< 5.2	5.2	< 5.1	5.1	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
1,1-Dichloropropene			< 5.8	5.8	< 6.7	6.7	< 7.9	7.9	< 5.2	5.2	< 5.1	5.1	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
1,2,3-Trichlorobenzene			< 5.8	5.8	< 490	490	< 330	330	< 5.2	5.2	< 310	310	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
1,2,3-Trichloropropane			< 5.8	5.8	< 490	490	< 330	330	< 5.2	5.2	< 310	310	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
1,2,4-Trichlorobenzene			< 5.8	5.8	< 490	490	< 330	330	< 5.2	5.2	< 310	310	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
1,2,4-Trimethylbenzene	3,600	52,000	< 5.8	5.8	< 490	490	< 330	330	< 5.2	5.2	< 310	310	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
1,2-Dibromo-3-chloropropane			< 5.8	5.8	< 490	490	< 330	330	< 5.2	5.2	< 310	310	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
1,2-Dibromoethane			< 5.8	5.8	< 6.7	6.7	< 7.9	7.9	< 5.2	5.2	< 5.1	5.1	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
1,2-Dichlorobenzene	1,100	100,000	< 5.8	5.8	< 490	490	< 330	330	< 5.2	5.2	< 310	310	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
1,2-Dichloroethane	20	3,100	< 5.8	5.8	< 6.7	6.7	< 7.9	7.9	< 5.2	5.2	< 5.1	5.1	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
1,2-Dichloropropane			< 5.8	5.8	< 6.7	6.7	< 7.9	7.9	< 5.2	5.2	< 5.1	5.1	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
1,3,5-Trimethylbenzene	8,400	52,000	**3.9**	5.8	< 490	490	< 330	330	< 5.2	5.2	< 310	310	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
1,3-Dichlorobenzene	2,400	4,900	< 5.8	5.8	< 490	490	< 330	330	< 5.2	5.2	< 310	310	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
1,3-Dichloropropane			< 5.8	5.8	< 6.7	6.7	< 7.9	7.9	< 5.2	5.2	< 5.1	5.1	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
1,4-Dichlorobenzene	1,800	13,000	< 5.8	5.8	< 490	490	< 330	330	< 5.2	5.2	< 310	310	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
1,4-Dioxane			< 86	86	< 100	100	< 100	100	< 77	77	< 76	76	< 100	100	< 86	86	< 71	71
2,2-Dichloropropane			< 5.8	5.8	< 6.7	6.7	< 7.9	7.9	< 5.2	5.2	< 5.1	5.1	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
2-Chlorotoluene			< 5.8	5.8	< 490	490	< 330	330	< 5.2	5.2	< 310	310	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
2-Hexanone (Methyl Butyl Ketone)			< 29	29	< 34	34	< 40	40	< 26	26	< 25	25	< 34	34	< 29	29	< 24	24
2-Isopropyltoluene			< 5.8	5.8	< 490	490	< 330	330	< 5.2	5.2	< 310	310	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
4-Chlorotoluene			< 5.8	5.8	< 490	490	< 330	330	< 5.2	5.2	< 310	310	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
4-Methyl-2-Pentanone			< 29	29	< 34	34	< 40	40	< 26	26	< 25	25	< 34	34	< 29	29	< 24	24
Acetone	50	100,000	**13**	29	**15**	34	**9.1**	40	< 26	26	**7.1**	25	< 34	34	**8.4**	29	< 24	24
Acrolein			< 5.8	5.8	< 6.7	6.7	< 7.9	7.9	< 5.2	5.2	< 5.1	5.1	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
Acrylonitrile			< 23	23	< 27	27	< 32	32	< 21	21	< 20	20	< 27	27	< 11	11	< 9.5	9.5
Benzene	60	4,800	**1.2**	5.8	< 6.7	6.7	**57**	60	< 5.2	5.2	< 5.1	5.1	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
Bromobenzene			< 5.8	5.8	< 490	490	< 330	330	< 5.2	5.2	< 310	310	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
Bromochloromethane			< 5.8	5.8	< 6.7	6.7	< 7.9	7.9	< 5.2	5.2	< 5.1	5.1	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
Bromodichloromethane			< 5.8	5.8	< 6.7	6.7	< 7.9	7.9	< 5.2	5.2	< 5.1	5.1	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
Bromoform			< 5.8	5.8	< 6.7	6.7	< 7.9	7.9	< 5.2	5.2	< 5.1	5.1	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
Bromomethane			< 5.8	5.8	< 6.7	6.7	< 7.9	7.9	< 5.2	5.2	< 5.1	5.1	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
Carbon Disulfide			< 5.8	5.8	< 6.7	6.7	< 7.9	7.9	< 5.2	5.2	< 5.1	5.1	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
Carbon tetrachloride	760	2,400	< 5.8	5.8	< 6.7	6.7	< 7.9	7.9	< 5.2	5.2	< 5.1	5.1	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
Chlorobenzene	1,100	100,000	< 5.8	5.8	< 6.7	6.7	< 7.9	7.9	< 5.2	5.2	< 5.1	5.1	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
Chloroethane			< 5.8	5.8	< 6.7	6.7	< 7.9	7.9	< 5.2	5.2	< 5.1	5.1	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
Chloroform	370	49,000	< 5.8	5.8	< 6.7	6.7	< 7.9	7.9	< 5.2	5.2	**0.52**	5.1	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
Chloromethane			< 5.8	5.8	< 6.7	6.7	< 7.9	7.9	< 5.2	5.2	< 5.1	5.1	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
cis-1,2-Dichloroethene	250	100,000	< 5.8	5.8	< 6.7	6.7	< 7.9	7.9	< 5.2	5.2	< 5.1	5.1	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
cis-1,3-Dichloropropene			< 5.8	5.8	< 6.7	6.7	< 7.9	7.9	< 5.2	5.2	< 5.1	5.1	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
Dibromochloromethane			< 5.8	5.8	< 6.7	6.7	< 7.9	7.9	< 5.2	5.2	< 5.1	5.1	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
Dibromomethane			< 5.8	5.8	< 6.7	6.7	< 7.9	7.9	< 5.2	5.2	< 5.1	5.1	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
Dichlorodifluoromethane			< 5.8	5.8	< 6.7	6.7	< 7.9	7.9	< 5.2	5.2	< 5.1	5.1	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
Ethylbenzene	1,000	41,000	**0.67**	5.8	< 6.7	6.7	< 7.9	7.9	< 5.2	5.2	< 5.1	5.1	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
Hexachlorobutadiene			< 5.8	5.8	< 490	490	< 330	330	< 5.2	5.2	< 310	310	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
Isopropylbenzene			< 5.8	5.8	< 490	490	< 330	330	< 5.2	5.2	< 310	310	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
m&p-Xylenes	260	100,000	**2.8**	5.8	< 6.7	6.7	< 7.9	7.9	< 5.2	5.2	< 5.1	5.1	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
Methyl Ethyl Ketone (2-Butanone)	120	100,000	< 35	35	< 40	40	< 47	47	< 31	31	< 30	30	< 41	41	< 34	34	< 28	28
Methyl t-butyl ether (MTBE)	930	100,000	< 12	12	< 13	13	< 16	16	< 10	10	< 10	10	< 14	14	< 11	11	< 9.5	9.5
Methylene chloride	50	100,000	< 5.8	5.8	< 6.7	6.7	< 7.9	7.9	< 5.2	5.2	< 5.1	5.1	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
Naphthalene	12,000	100,000	**2.9**	5.8	< 490	490	< 330	330	< 5.2	5.2	< 310	310	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
n-Butylbenzene	12,000	100,000	< 5.8	5.8	< 490	490	< 330	330	< 5.2	5.2	< 310	310	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
n-Propylbenzene	3,900	100,000	< 5.8	5.8	< 490	490	< 330	330	< 5.2	5.2	< 310	310	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
o-Xylene	260	100,000	**2.3**	5.8	< 6.7	6.7	< 7.9	7.9	< 5.2	5.2	< 5.1	5.1	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
p-Isopropyltoluene			< 5.8	5.8	< 490	490	< 330	330	< 5.2	5.2	< 310	310	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
sec-Butylbenzene	11,000	100,000	< 5.8	5.8	< 490	490	< 330	330	< 5.2	5.2	< 310	310	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
Styrene			< 5.8	5.8	< 6.7	6.7	< 7.9	7.9	< 5.2	5.2	< 5.1	5.1	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
tert-Butly alcohol			< 120	120	< 130	130	< 160	160	< 100	100	< 100	100	< 140	140	< 110	110	< 95	95
tert-Butylbenzene	5,900	100,000	< 5.8	5.8	< 490	490	< 330	330	< 5.2	5.2	< 310	310	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
Tetrachloroethene	1,300	19,000	< 5.8	5.8	**1,100**	490	**2,500**	330	< 5.2	5.2	**5**	5.1	< 6.8	6.8	**2.7**	5.7	**2.1**	4.7
Tetrahydrofuran (THF)			< 12	12	< 13	13	< 16	16	< 10	10	< 10	10	< 14	14	< 11	11	< 9.5	9.5
Toluene	700	100,000	**0.99**	5.8	< 6.7	6.7	**93**	330	< 5.2	5.2	< 5.1	5.1	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
trans-1,2-Dichloroethene	190	100,000	< 5.8	5.8	< 6.7	6.7	< 7.9	7.9	< 5.2	5.2	< 5.1	5.1	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
trans-1,3-Dichloropropene			< 5.8	5.8	< 6.7	6.7	< 7.9	7.9	< 5.2	5.2	< 5.1	5.1	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
trans-1,4-dichloro-2-butene			< 12	12	< 980	980	< 660	660	< 10	10	< 620	620	< 14	14	< 11	11	< 9.5	9.5
Trichloroethene	470	21,000	< 5.8	5.8	< 6.7	6.7	< 7.9	7.9	< 5.2	5.2	< 5.1	5.1	< 6.8	6.8	**0.6**	5.7	< 4.7	4.7
Trichlorofluoromethane			< 5.8	5.8	< 6.7	6.7	< 7.9	7.9	< 5.2	5.2	< 5.1	5.1	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
Trichlorotrifluoroethane			< 5.8	5.8	< 6.7	6.7	< 7.9	7.9	< 5.2	5.2	< 5.1	5.1	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
Vinyl Chloride	20	900	< 5.8	5.8	< 6.7	6.7	< 7.9	7.9	< 5.2	5.2	< 5.1	5.1	< 6.8	6.8	< 5.7	5.7	< 4.7	4.7
Total BTEX Concentration			**7.96**		**0.00**		**150.00**		**0.00**		**0.00**		**0.00**		**0.00**		**0.00**	
Total VOCs Concentration			**27.76**		**1115.79**		**2731.10**		**0.00**		**12.62**		**0.00**		**11.70**		**2.10**	

COMPOUND	EBC7		EBC8						EBC9				EBC10		EBC11	
	(0-2')		(0-2')		(5-7')		(10-12')		(0-2')		(8-10')		(0-2')		(0-2')	
	6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020	
	µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane	< 18	18	< 4.8	4.8	< 22	22	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 27	27
1,1,1-Trichloroethane	< 4.4	4.4	< 4.8	4.8	< 5.6	5.6	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
1,1,2,2-Tetrachloroethane	< 4.4	4.4	< 4.8	4.8	< 470	470	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
1,1,2-Trichloroethane	< 4.4	4.4	< 4.8	4.8	< 5.6	5.6	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
1,1-Dichloroethane	< 4.4	4.4	< 4.8	4.8	< 5.6	5.6	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
1,1-Dichloroethene	< 4.4	4.4	< 4.8	4.8	< 5.6	5.6	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
1,1-Dichloropropene	< 4.4	4.4	< 4.8	4.8	< 5.6	5.6	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
1,2,3-Trichlorobenzene	< 4.4	4.4	< 4.8	4.8	< 470	470	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
1,2,3-Trichloropropane	< 4.4	4.4	< 4.8	4.8	< 470	470	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
1,2,4-Trichlorobenzene	< 4.4	4.4	< 4.8	4.8	< 470	470	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
1,2,4-Trimethylbenzene	**30**	280	< 4.8	4.8	< 470	470	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
1,2-Dibromo-3-chloropropane	< 4.4	4.4	< 4.8	4.8	< 470	470	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
1,2-Dibromoethane	< 4.4	4.4	< 4.8	4.8	< 5.6	5.6	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
1,2-Dichlorobenzene	< 4.4	4.4	< 4.8	4.8	< 470	470	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
1,2-Dichloroethane	< 4.4	4.4	< 4.8	4.8	< 5.6	5.6	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
1,2-Dichloropropane	< 4.4	4.4	< 4.8	4.8	< 5.6	5.6	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
1,3,5-Trimethylbenzene	< 4.4	4.4	< 4.8	4.8	< 470	470	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
1,3-Dichlorobenzene	< 4.4	4.4	< 4.8	4.8	< 470	470	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
1,3-Dichloropropane	< 4.4	4.4	< 4.8	4.8	< 5.6	5.6	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
1,4-Dichlorobenzene	< 4.4	4.4	< 4.8	4.8	< 470	470	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
1,4-Dioxane	< 66	66	< 72	72	< 84	84	< 66	66	< 74	74	< 74	74	< 77	77	< 100	100
2,2-Dichloropropane	< 4.4	4.4	< 4.8	4.8	< 5.6	5.6	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
2-Chlorotoluene	< 4.4	4.4	< 4.8	4.8	< 470	470	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
2-Hexanone (Methyl Butyl Ketone)	< 22	22	< 24	24	< 28	28	< 22	22	< 25	25	< 25	25	< 26	26	< 33	33
2-Isopropyltoluene	< 4.4	4.4	< 4.8	4.8	< 470	470	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
4-Chlorotoluene	< 4.4	4.4	< 4.8	4.8	< 470	470	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
4-Methyl-2-Pentanone	< 22	22	< 24	24	< 28	28	< 22	22	< 25	25	< 25	25	< 26	26	< 33	33
Acetone	**16**	22	**8.2**	24	**7.3**	28	**26**	27	**10**	25	**8.2**	25	< 26	26	< 33	33
Acrolein	< 4.4	4.4	< 4.8	4.8	< 5.6	5.6	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
Acrylonitrile	< 18	18	< 9.6	9.6	< 11	11	< 8.8	8.8	< 9.9	9.9	< 9.9	9.9	< 10	10	< 27	27
Benzene	**6.4**	4.4	< 4.8	4.8	< 5.6	5.6	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
Bromobenzene	< 4.4	4.4	< 4.8	4.8	< 470	470	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
Bromochloromethane	< 4.4	4.4	< 4.8	4.8	< 5.6	5.6	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
Bromodichloromethane	< 4.4	4.4	< 4.8	4.8	< 5.6	5.6	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
Bromoform	< 4.4	4.4	< 4.8	4.8	< 5.6	5.6	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
Bromomethane	< 4.4	4.4	< 4.8	4.8	< 5.6	5.6	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
Carbon Disulfide	< 4.4	4.4	< 4.8	4.8	< 5.6	5.6	**1.2**	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
Carbon tetrachloride	< 4.4	4.4	< 4.8	4.8	< 5.6	5.6	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
Chlorobenzene	< 4.4	4.4	< 4.8	4.8	< 5.6	5.6	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
Chloroethane	< 4.4	4.4	< 4.8	4.8	< 5.6	5.6	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
Chloroform	< 4.4	4.4	< 4.8	4.8	< 5.6	5.6	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
Chloromethane	**1.4**	4.4	< 4.8	4.8	< 5.6	5.6	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
cis-1,2-Dichloroethene	< 4.4	4.4	< 4.8	4.8	< 5.6	5.6	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
cis-1,3-Dichloropropene	< 4.4	4.4	< 4.8	4.8	< 5.6	5.6	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
Dibromochloromethane	< 4.4	4.4	< 4.8	4.8	< 5.6	5.6	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
Dibromomethane	< 4.4	4.4	< 4.8	4.8	< 5.6	5.6	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
Dichlorodifluoromethane	< 4.4	4.4	< 4.8	4.8	< 5.6	5.6	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
Ethylbenzene	**0.75**	4.4	< 4.8	4.8	< 5.6	5.6	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
Hexachlorobutadiene	< 4.4	4.4	< 4.8	4.8	< 470	470	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
Isopropylbenzene	< 4.4	4.4	< 4.8	4.8	< 470	470	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
m&p-Xylenes	**2.3**	4.4	< 4.8	4.8	< 5.6	5.6	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
Methyl Ethyl Ketone (2-Butanone)	**4.7**	26	< 29	29	< 33	33	**14**	26	< 30	30	< 30	30	< 31	31	< 40	40
Methyl t-butyl ether (MTBE)	< 8.8	8.8	< 9.6	9.6	< 11	11	< 8.8	8.8	< 9.9	9.9	< 9.9	9.9	< 10	10	< 13	13
Methylene chloride	< 4.4	4.4	< 4.8	4.8	< 5.6	5.6	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
Naphthalene	< 4.4	4.4	< 4.8	4.8	< 470	470	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
n-Butylbenzene	< 4.4	4.4	< 4.8	4.8	< 470	470	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
n-Propylbenzene	< 4.4	4.4	< 4.8	4.8	< 470	470	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
o-Xylene	**1.5**	4.4	< 4.8	4.8	< 5.6	5.6	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
p-Isopropyltoluene	< 4.4	4.4	< 4.8	4.8	< 470	470	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
sec-Butylbenzene	< 4.4	4.4	< 4.8	4.8	< 470	470	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
Styrene	< 4.4	4.4	< 4.8	4.8	< 5.6	5.6	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
tert-Butly alcohol	< 88	88	< 96	96	< 110	110	< 88	88	< 99	99	< 99	99	< 100	100	< 130	130
tert-Butylbenzene	< 4.4	4.4	< 4.8	4.8	< 470	470	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
Tetrachloroethene	< 4.4	4.4	< 4.8	4.8	< 5.6	5.6	< 4.4	4.4	**1.1**	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
Tetrahydrofuran (THF)	< 8.8	8.8	< 9.6	9.6	< 11	11	< 8.8	8.8	< 9.9	9.9	< 9.9	9.9	< 10	10	< 13	13
Toluene	**5.8**	4.4	< 4.8	4.8	< 5.6	5.6	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
trans-1,2-Dichloroethene	< 4.4	4.4	< 4.8	4.8	< 5.6	5.6	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
trans-1,3-Dichloropropene	< 4.4	4.4	< 4.8	4.8	< 5.6	5.6	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
trans-1,4-dichloro-2-butene	< 8.8	8.8	< 9.6	9.6	< 950	950	< 8.8	8.8	< 9.9	9.9	< 9.9	9.9	< 10	10	< 13	13
Trichloroethene	< 4.4	4.4	< 4.8	4.8	< 5.6	5.6	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
Trichlorofluoromethane	< 4.4	4.4	< 4.8	4.8	< 5.6	5.6	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
Trichlorotrifluoroethane	< 4.4	4.4	< 4.8	4.8	< 5.6	5.6	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
Vinyl Chloride	< 4.4	4.4	< 4.8	4.8	< 5.6	5.6	< 4.4	4.4	< 4.9	4.9	< 4.9	4.9	< 5.1	5.1	< 6.6	6.6
Total BTEX Concentration	**16.75**		**0.00**		**0.00**		**0.00**		**0.00**		**0.00**		**0.00**		**0.00**	
Total VOCs Concentration	**68.85**		**8.20**		**7.30**		**41.20**		**11.10**		**8.20**		**0.00**		**0.00**	

Notes:

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

RL - Reporting Limit

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

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

Table 2
40 Bruckner Boulevard
Bronx, New York
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*	EBC1		EBC2		EBC3		EBC3		EBC4		EBC5		EBC6		EBC6		EBC7		EBC8		EBC8		EBC8		EBC9		EBC9		EBC10		EBC11	
			(0-2')		(0-3')		(0-2')		(10-12')		(0-2')		(0-2')		(0-2')		(6-8')		(0-2')		(0-2')		(5-7')		(10-12')		(0-2')		(8-10')		(0-2')		(0-2')	
			6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020	
	µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene			< 250	250	< 260	260	< 250	250	< 250	250	< 260	260	< 280	280	< 260	260	< 250	250	< 260	260	< 250	250	< 240	240	< 250	250	< 250	250	< 260	260	< 240	240	< 240	240
1,2,4-Trichlorobenzene			< 250	250	< 260	260	< 250	250	< 250	250	< 260	260	< 280	280	< 260	260	< 250	250	< 260	260	< 250	250	< 240	240	< 250	250	< 250	250	< 260	260	< 240	240	< 240	240
1,2-Dichlorobenzene			< 250	250	< 260	260	< 250	250	< 250	250	< 260	260	< 280	280	< 260	260	< 250	250	< 260	260	< 250	250	< 240	240	< 250	250	< 250	250	< 260	260	< 240	240	< 240	240
1,2-Diphenylhydrazine			< 250	250	< 260	260	< 250	250	< 250	250	< 260	260	< 280	280	< 260	260	< 250	250	< 260	260	< 250	250	< 240	240	< 250	250	< 250	250	< 260	260	< 240	240	< 240	240
1,3-Dichlorobenzene			< 250	250	< 260	260	< 250	250	< 250	250	< 260	260	< 280	280	< 260	260	< 250	250	< 260	260	< 250	250	< 240	240	< 250	250	< 250	250	< 260	260	< 240	240	< 240	240
1,4-Dichlorobenzene			< 250	250	< 260	260	< 250	250	< 250	250	< 260	260	< 280	280	< 260	260	< 250	250	< 260	260	< 250	250	< 240	240	< 250	250	< 250	250	< 260	260	< 240	240	< 240	240
2,4,5-Trichlorophenol			< 250	250	< 260	260	< 250	250	< 250	250	< 260	260	< 280	280	< 260	260	< 250	250	< 260	260	< 250	250	< 240	240	< 250	250	< 250	250	< 260	260	< 240	240	< 240	240
2,4,6-Trichlorophenol			< 180	180	< 190	190	< 180	180	< 180	180	< 180	180	< 200	200	< 180	180	< 180	180	< 190	190	< 180	180	< 170	170	< 180	180	< 180	180	< 180	180	< 170	170	< 170	170
2,4-Dichlorophenol			< 180	180	< 190	190	< 180	180	< 180	180	< 180	180	< 200	200	< 180	180	< 180	180	< 190	190	< 180	180	< 170	170	< 180	180	< 180	180	< 180	180	< 170	170	< 170	170
2,4-Dimethylphenol			< 250	250	< 260	260	< 250	250	< 250	250	< 260	260	< 280	280	< 260	260	< 250	250	< 260	260	< 250	250	< 240	240	< 250	250	< 250	250	< 260	260	< 240	240	< 240	240
2,4-Dinitrophenol			< 250	250	< 260	260	< 250	250	< 250	250	< 260	260	< 280	280	< 260	260	< 250	250	< 260	260	< 250	250	< 240	240	< 250	250	< 250	250	< 260	260	< 240	240	< 240	240
2,4-Dinitrotoluene			< 180	180	< 190	190	< 180	180	< 180	180	< 180	180	< 200	200	< 180	180	< 180	180	< 190	190	< 180	180	< 170	170	< 180	180	< 180	180	< 180	180	< 170	170	< 170	170
2,6-Dinitrotoluene			< 180	180	< 190	190	< 180	180	< 180	180	< 180	180	< 200	200	< 180	180	< 180	180	< 190	190	< 180	180	< 170	170	< 180	180	< 180	180	< 180	180	< 170	170	< 170	170
2-Chloronaphthalene			< 250	250	< 260	260	< 250	250	< 250	250	< 260	260	< 280	280	< 260	260	< 250	250	< 260	260	< 250	250	< 240	240	< 250	250	< 250	250	< 260	260	< 240	240	< 240	240
2-Chlorophenol			< 250	250	< 260	260	< 250	250	< 250	250	< 260	260	< 280	280	< 260	260	< 250	250	< 260	260	< 250	250	< 240	240	< 250	250	< 250	250	< 260	260	< 240	240	< 240	240
2-Methylnaphthalene			< 250	250	< 260	260	**240**	250	< 250	250	< 260	260	< 280	280	< 260	260	< 250	250	< 260	260	< 250	250	< 240	240	< 250	250	< 250	250	< 260	260	< 240	240	< 240	240
2-Methylphenol (o-cresol)	330	100,000	< 250	250	< 260	260	< 250	250	< 250	250	< 260	260	< 280	280	< 260	260	< 250	250	< 260	260	< 250	250	< 240	240	< 250	250	< 250	250	< 260	260	< 240	240	< 240	240
2-Nitroaniline			< 250	250	< 260	260	< 250	250	< 250	250	< 260	260	< 280	280	< 260	260	< 250	250	< 260	260	< 250	250	< 240	240	< 250	250	< 250	250	< 260	260	< 240	240	< 240	240
2-Nitrophenol			< 250	250	< 260	260	< 250	250	< 250	250	< 260	260	< 280	280	< 260	260	< 250	250	< 260	260	< 250	250	< 240	240	< 250	250	< 250	250	< 260	260	< 240	240	< 240	240
3&4-Methylphenol (m&p-cresol)	330	100,000	< 250	250	< 260	260	< 250	250	< 250	250	< 260	260	< 280	280	< 260	260	< 250	250	< 260	260	< 250	250	< 240	240	< 250	250	< 250	250	< 260	260	< 240	240	< 240	240
3,3'-Dichlorobenzidine			< 180	180	< 190	190	< 180	180	< 180	180	< 180	180	< 200	200	< 180	180	< 180	180	< 190	190	< 180	180	< 170	170	< 180	180	< 180	180	< 180	180	< 170	170	< 170	170
3-Nitroaniline			< 350	350	< 370	370	< 360	360	< 360	360	< 370	370	< 400	400	< 370	370	< 350	350	< 370	370	< 350	350	< 340	340	< 350	350	< 360	360	< 370	370	< 350	350	< 350	350
4,6-Dinitro-2-methylphenol			< 210	210	< 220	220	< 220	220	< 220	220	< 220	220	< 240	240	< 220	220	< 210	210	< 220	220	< 210	210	< 200	200	< 210	210	< 220	220	< 220	220	< 210	210	< 210	210
4-Bromophenyl phenyl ether			< 250	250	< 260	260	< 250	250	< 250	250	< 260	260	< 280	280	< 260	260	< 250	250	< 260	260	< 250	250	< 240	240	< 250	250	< 250	250	< 260	260	< 240	240	< 240	240
4-Chloro-3-methylphenol			< 250	250	< 260	260	< 250	250	< 250	250	< 260	260	< 280	280	< 260	260	< 250	250	< 260	260	< 250	250	< 240	240	< 250	250	< 250	250	< 260	260	< 240	240	< 240	240
4-Chloroaniline			< 280	280	< 300	300	< 290	290	< 290	290	< 290	290	< 320	320	< 290	290	< 280	280	< 300	300	< 280	280	< 270	270	< 280	280	< 290	290	< 290	290	< 280	280	< 280	280
4-Chlorophenyl phenyl ether			< 250	250	< 260	260	< 250	250	< 250	250	< 260	260	< 280	280	< 260	260	< 250	250	< 260	260	< 250	250	< 240	240	< 250	250	< 250	250	< 260	260	< 240	240	< 240	240
4-Nitroaniline			< 350	350	< 370	370	< 360	360	< 360	360	< 370	370	< 400	400	< 370	370	< 350	350	< 370	370	< 350	350	< 340	340	< 350	350	< 360	360	< 370	370	< 350	350	< 350	350
4-Nitrophenol			< 350	350	< 370	370	< 360	360	< 360	360	< 370	370	< 400	400	< 370	370	< 350	350	< 370	370	< 350	350	< 340	340	< 350	350	< 360	360	< 370	370	< 350	350	< 350	350
Acenaphthene	20,000	100,000	**230**	250	< 260	260	**420**	250	< 250	250	**190**	260	< 280	280	< 260	260	< 250	250	< 260	260	< 250	250	< 240	240	< 250	250	< 250	250	< 260	260	< 240	240	< 240	240
Acenaphthylene	100,000	100,000	**220**	250	< 260	260	< 250	250	< 250	250	**1,500**	260	**190**	280	**140**	260	< 250	250	< 260	260	**260**	250	< 240	240	< 250	250	< 250	250	< 260	260	< 240	240	< 240	240
Acetophenone			< 250	250	< 260	260	< 250	250	< 250	250	< 260	260	< 280	280	< 260	260	< 250	250	< 260	260	< 250	250	< 240	240	< 250	250	< 250	250	< 260	260	< 240	240	< 240	240
Aniline			< 280	280	< 300	300	< 290	290	< 290	290	< 290	290	< 320	320	< 290	290	< 280	280	< 300	300	< 280	280	< 270	270	< 280	280	< 290	290	< 290	290	< 280	280	< 280	280
Anthracene	100,000	100,000	**650**	250	< 260	260	**620**	250	< 250	250	**1,900**	260	**230**	280	**280**	260	< 250	250	< 260	260	**320**	250	< 240	240	< 250	250	**200**	250	< 260	260	< 240	240	< 240	240
Benz(a)anthracene	1,000	1,000	**2,000**	250	< 260	260	**1,100**	250	< 250	250	**13,000**	2,600	**550**	280	**800**	260	**170**	250	**140**	260	**890**	250	< 240	240	< 250	250	**620**	250	**190**	260	< 240	240	**140**	240
Benzidine			< 350	350	< 370	370	< 360	360	< 360	360	< 370	370	< 400	400	< 370	370	< 350	350	< 370	370	< 350	350	< 340	340	< 350	350	< 360	360	< 370	370	< 350	350	< 350	350
Benzo(a)pyrene	1,000	1,000	**1,800**	180	< 190	190	**960**	180	< 180	180	**12,000**	1,800	**750**	200	**790**	180	**200**	180	**160**	190	**890**	180	< 170	170	< 180	180	**630**	180	**170**	180	< 170	170	**230**	170
Benzo(b)fluoranthene	1,000	1,000	**1,500**	250	< 260	260	**730**	250	< 250	250	**9,600**	2,600	**660**	280	**700**	260	**160**	250	< 260	260	**780**	250	< 240	240	< 250	250	**530**	250	**200**	260	< 240	240	**160**	240
Benzo(ghi)perylene	100,000	100,000	**890**	250	< 260	260	**580**	250	< 250	250	**5,100**	260	**1,000**	280	**720**	260	**170**	250	**210**	260	**570**	250	< 240	240	< 250	250	**400**	250	**140**	260	< 240	240	**150**	240
Benzo(k)fluoranthene	800	3,900	**1,400**	250	< 260	260	**660**	250	< 250	250	**6,200**	260	**550**	280	**570**	260	**130**	250	< 260	260	**700**	250	< 240	240	< 250	250	**490**	250	**160**	260	< 240	240	**150**	240
Benzoic acid			< 1800	1,800	< 1900	1,900	< 1800	1,800	< 1800	1,800	< 1800	1,800	< 2000	2,000	< 1800	1,800	< 1800	1,800	< 1900	1,900	< 1800	1,800	< 1700	1,700	< 1800	1,800	< 1800	1,800	< 1800	1,800	< 1700	1,700	< 1700	1,700
Benzyl butyl phthalate			< 250	250	< 260	260	< 250	250	< 250	250	< 260	260	< 280	280	< 260	260	< 250	250	< 260	260	< 250	250	< 240	240	< 250	250	< 250	250	< 260	260	< 240	240	< 240	240
Bis(2-chloroethoxy)methane			< 250	250	< 260	260	< 250	250	< 250	250	< 260	260	< 280	280	< 260	260	< 250	250	< 260	260	< 250	250	< 240	240	< 250	250	< 250	250	< 260	260	< 240	240	< 240	240
Bis(2-chloroethyl)ether			< 180	180	< 190	190	< 180	180	< 180	180	< 180	180	< 200	200	< 180	180	< 180	180	< 190	190	< 180	180	< 170	170	< 180	180	< 180	180	< 180	180	< 170	170	< 170	170
Bis(2-chloroisopropyl)ether			< 250	250	< 260	260	< 250	250	< 250	250	< 260	260	< 280	280	< 260	260	< 250	250	< 260	260	< 250	250	< 240	240	< 250	250	< 250	250	< 260	260	< 240	240	< 240	240
Bis(2-ethylhexyl)phthalate			**220**	250	< 260	260	< 250	250	< 250	250	< 260	260	< 280	280	**130**	260	< 250	250	< 260	260	< 250	250	< 240	240	< 250	250	< 250	250	< 260	260	< 240	240	< 240	240
Carbazole			**150**	180	< 190	190	**320**	180	< 180	180	**700**	180	< 200	200	< 180	180	< 180	180	< 190	190	< 180	180	< 170	170	< 180	180	< 180	180	< 180	180	< 170	170	< 170	170
Chrysene	1,000	3,900	**1,900**	250	< 260	260	**1,200**	250	< 250	250	**12,000**	2,600	**620**	280	**750**	260	**180**	250	**130**	260	**940**	250	< 240	240	< 250	250	**680**	250	**240**	260	< 240	240	**130**	240
Dibenz(a,h)anthracene	330	330	**240**	180	< 190	190	**140**	180	< 180	180	**1,400**	180	**240**	200	**160**	180	< 180	180	< 190	190	**130**	180	< 170	170	< 180	180	**120**	180	< 180	180	< 170	170	< 170	170
Dibenzofuran	7,000	59,000	**130**	250	< 260	260	**330**	250	< 250	250	< 260	260	< 280	280	< 260	260	< 250	250	< 260	260	< 250	250	< 240	240	< 250	250	< 250	250	< 260	260	< 240	240	< 240	240
Diethyl phthalate			< 250	250	< 260	260	< 250	250	< 250	250	< 260	260	< 280	280	< 260	260	< 250	250	< 260	260	< 250	250	< 240	240	< 250	250	< 250	250	< 260	260	< 240	240	< 240	240
Dimethylphthalate			< 250	250	< 260	260	< 250	250	< 250	250	< 260	260	< 280	280	< 260	260	< 250	250	< 260	260	< 250	250	< 240	240	< 250	250	< 250	250	< 260	260	< 240	240	< 240	240
Di-n-butylphthalate			< 250	250	< 260	260	< 250	250	< 250	250	< 260	260	< 280	280	< 260	260	< 250	250	< 260	260	< 250	250	< 240	240	< 250	250	< 250	250	< 260	260	< 240	240	< 240	240
Di-n-octylphthalate			< 250	250	< 260	260	< 250	250	< 250	250	< 260	260	< 280	280	< 260	260	< 250	250	< 260	260	< 250	250	< 240	240	< 250	250	< 250	250	< 260	260	< 240	240	< 240	240
Fluoranthene	100,000	100,000	**3,900**	250	**170**	260	**2,600**	250	< 250	250	**18,000**	2,600	**1,100**	280	**1,500**	260	**240**	250	**190**	260	**2,100**	250	< 240	240	< 250	250	**1,200**	250	**380**	260	< 240	240	**180**	240
Fluorene	30,000	100,000	**210**	250	< 260	260	**340**	250	< 250	250	**210**	260	< 280	280	< 260	260	< 250	250	< 260	260	< 250	250	< 240	240	< 250	250	< 250	250	< 260	260	< 240	240	< 240	240
Hexachlorobenzene			< 180	180	< 190	190	< 180	180	< 180	180	< 180	180	< 200	200	< 180	180	< 180	180	< 190	190	< 180	180	< 170	170	< 180	180	< 180	180	< 180	180	< 170	170	< 170	170
Hexachlorobutadiene			< 250	250	< 260	260	< 250	250	< 250	250	< 260	260	< 280	280	< 260	260	< 250	250	< 260	260	< 250	250	< 240	240	< 250	250	< 250	250	< 260	260	< 240	240	< 240	240
Hexachlorocyclopentadiene			< 250	250	< 260	260	< 250	250	< 250	250	< 260	260	< 280	280	< 260	260	< 250	250	< 260	260	< 250	250	< 240	240	< 250	250	< 250	250	< 260	260	< 240	240	< 240	240
Hexachloroethane			< 180	180	< 190	190	< 180	180	< 180	180	< 180	180	< 200	200	< 180	180	< 180	180	< 190	190	< 180	180	< 170	170	< 180	180	< 180	180	< 180	180	< 170	170	< 170	170
Indeno(1,2,3-cd)pyrene	500	500	**940**	250	< 260	260	**550**	250	< 250	250	**6,000**	260	**1,100**	280	**650**	260	**150**	250	**160**	260	**600**	250	< 240	240	< 250	250	**400**	250	**140**	260	< 240	240	**160**	240
Isophorone			< 180	180	< 190	190	< 180	180	< 180	180	< 180	180	< 200	200	< 180	180	< 180	180	< 190	190	< 180	180	< 170	170	< 180	180	< 180	180	< 180	180	< 170	170	< 170	170
Naphthalene	12,000	100,000	< 250	250	< 260	260	**410**	250	< 250	250	**170**	260	< 280	280	< 260	260	< 250	250	< 260	260	< 250	250	< 240	240	< 250	250	< 250	250	< 260	260	< 240	240	< 240	240
Nitrobenzene			< 180	180	< 190	190	< 180	180	< 180	180	< 180	180	< 200	200	< 180	180	< 180	180	< 190	190	< 180	180	< 170	170	< 180	180	< 180	180	< 180	180	< 170	170	< 170	170
N-Nitrosodimethylamine			< 250	250	< 260	260	< 250	250	< 250	250	< 260	260	< 280	280	< 260	260	< 250	250	< 260	260	< 250	250	< 240	240	< 250	250	< 250	250	< 260	260	< 240	240	< 240	240
N-Nitrosodi-n-propylamine			< 180	180	< 190	190	< 180	180	< 180	180	< 180	180	< 200	200	< 180	180	< 180	180	< 190	190	< 180	180	< 170	170	< 180	180	< 180	180	< 180	180	< 170	170	< 170	170
N-Nitrosodiphenylamine			< 250	250	< 260	260	< 250	250	< 250	250	< 260	260	< 280	280	< 260	260	< 250	250	< 260	260	< 250	250	< 240	240	< 250	250	< 250	250	< 260	260	< 240	240	< 240	240
Pentachloronitrobenzene			< 250	250	< 260	260	< 250	250	< 250	250	< 260	260	< 280	280	< 260	260	< 250	250	< 260	260	< 250	250	< 240	240	< 250	250	< 250	250	< 260	260	< 240	240	< 240	240
Pentachlorophenol	800	6,700	< 210	210	< 220	220	< 220	220	< 220	220	< 220	220	< 240	240	< 220	220	< 210	210	< 220	220	< 210	210	< 200	200	< 210	210	< 220	220	< 220	220	< 210	210	< 210	210
Phenanthrene	100,000	100,000	**2,000**	250	< 260	260	**3,000**	250	< 250	250	**3,200**	260	**610**	280	**780**	260	**140**	250	< 260	260	**1,200**	250	< 240	240	< 250	250	**720**	250	**210**	260	< 240	240	**110**	240
Phenol	330	100,000	< 250	250	< 260	260	< 250	250	< 250	250	< 260	260	< 280	280	< 260	260	< 250	250	< 260	260	< 250	250	< 240	240	< 250	250	< 250	250	< 260	260	< 240	240	< 240	240
Pyrene	100,000	100,000	**3,600**	250	**160**	260	**2,400**	250	< 250	250	**16,000**	2,600	**970**	280	**1,300**	260	**250**	250	**170**	260	**1,900**	250	< 240	240	< 250	250	**1,000**	250	**320**	260	< 240	240	**160**	240
Pyridine			< 250	250	< 260	260	< 250	250	< 250	250	< 260	260	< 280	280	< 260	260	< 250	250	< 260	260	< 250	250	< 240	240	< 250	250	< 250	250	< 260	260	< 240	240	< 240	240

Notes:

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

RL - Reporting Limit

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

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

Table 3
40 Bruckner Boulevard
Bronx, New York
Soil Analytical Results
Pesticides PCBs

	COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	EBC1		EBC2		EBC3				EBC4		EBC5		EBC6				EBC7		EBC8						EBC9				EBC10		EBC11	
				(0-2')		(0-3')		(0-2')		(10-12')		(0-2')		(0-2')		(0-2')		(6-8')		(0-2')		(0-2')		(5-7')		(10-12')		(0-2')		(8-10')		(0-2')		(0-2')	
				6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020	
		µg/Kg	µg/Kg	µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
				Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Pesticides	4,4' -DDD	3.3	13,000	< 2.1	2.1	< 2.3	2.3	< 2.2	2.2	< 2.2	2.2	< 2.2	2.2	< 2.4	2.4	< 2.2	2.2	< 2.1	2.1	< 2.2	2.2	< 2.1	2.1	< 2.1	2.1	< 2.1	2.1	< 2.2	2.2	< 2.2	2.2	< 2.1	2.1	< 2.1	2.1
	4,4' -DDE	3.3	8,900	< 3.3	3.3	< 2.3	2.3	< 2.2	2.2	< 2.2	2.2	< 2.2	2.2	< 2.4	2.4	< 2.2	2.2	< 2.1	2.1	< 2.2	2.2	**4**	2.1	< 2.1	2.1	< 2.1	2.1	< 2.1	2.1	< 2.2	2.2	< 2.2	2.2	< 2.1	2.1	< 2.1	2.1
	4,4' -DDT	3.3	7,900	< 2.1	2.1	< 2.3	2.3	< 2.2	2.2	< 2.2	2.2	< 2.2	2.2	< 2.4	2.4	< 2.7	2.7	< 2.1	2.1	< 2.2	2.2	**19**	2.1	< 2.1	2.1	< 2.1	2.1	**4.6**	2.2	< 2.2	2.2	< 2.1	2.1	< 2.1	2.1
	a-BHC	20	480	< 7.1	7.1	< 7.5	7.5	< 7.2	7.2	< 7.3	7.3	< 7.4	7.4	< 7.9	7.9	< 7.2	7.2	< 7.1	7.1	< 7.3	7.3	< 7.1	7.1	< 6.9	6.9	< 7.1	7.1	< 7.2	7.2	< 7.3	7.3	< 7.0	7.0	< 7.0	7.0
	a-Chlordane	94	4,200	< 3.5	3.5	< 3.8	3.8	< 3.6	3.6	< 3.6	3.6	< 3.7	3.7	< 3.9	3.9	< 3.6	3.6	< 3.5	3.5	< 3.7	3.7	< 3.5	3.5	< 3.4	3.4	< 3.5	3.5	< 3.6	3.6	< 3.6	3.6	< 3.5	3.5	< 3.5	3.5
	Aldrin	5	97	< 3.5	3.5	< 3.8	3.8	< 3.6	3.6	< 3.6	3.6	< 3.7	3.7	< 3.9	3.9	< 3.6	3.6	< 3.5	3.5	< 3.7	3.7	< 3.5	3.5	< 3.4	3.4	< 3.5	3.5	< 3.6	3.6	< 3.6	3.6	< 3.5	3.5	< 3.5	3.5
	b-BHC	36	360	< 7.1	7.1	< 7.5	7.5	< 7.2	7.2	< 7.3	7.3	< 7.4	7.4	< 7.9	7.9	< 7.2	7.2	< 7.1	7.1	< 7.3	7.3	< 7.1	7.1	< 6.9	6.9	< 7.1	7.1	< 7.2	7.2	< 7.3	7.3	< 7.0	7.0	< 7.0	7.0
	Chlordane			< 35	35	< 38	38	< 36	36	< 36	36	< 37	37	< 39	39	< 36	36	< 35	35	< 37	37	< 35	35	< 34	34	< 35	35	< 36	36	< 36	36	< 35	35	< 35	35
	d-BHC	40	100,000	< 7.1	7.1	< 7.5	7.5	< 7.2	7.2	< 7.3	7.3	< 7.4	7.4	< 7.9	7.9	< 7.2	7.2	< 7.1	7.1	< 7.3	7.3	< 7.1	7.1	< 6.9	6.9	< 7.1	7.1	< 7.2	7.2	< 7.3	7.3	< 7.0	7.0	< 7.0	7.0
	Dieldrin	5	200	< 3.5	3.5	< 3.8	3.8	< 3.6	3.6	< 3.6	3.6	< 3.7	3.7	< 3.9	3.9	< 3.6	3.6	< 3.5	3.5	< 3.7	3.7	< 3.5	3.5	< 3.4	3.4	< 3.5	3.5	< 3.6	3.6	< 3.6	3.6	< 3.5	3.5	< 3.5	3.5
	Endosulfan I	2,400	24,000	< 7.1	7.1	< 7.5	7.5	< 7.2	7.2	< 7.3	7.3	< 7.4	7.4	< 7.9	7.9	< 7.2	7.2	< 7.1	7.1	< 7.3	7.3	< 7.1	7.1	< 6.9	6.9	< 7.1	7.1	< 7.2	7.2	< 7.3	7.3	< 7.0	7.0	< 7.0	7.0
	Endosulfan II	2,400	24,000	< 7.1	7.1	< 7.5	7.5	< 7.2	7.2	< 7.3	7.3	< 7.4	7.4	< 7.9	7.9	< 7.2	7.2	< 7.1	7.1	< 7.3	7.3	< 7.1	7.1	< 6.9	6.9	< 7.1	7.1	< 7.2	7.2	< 7.3	7.3	< 7.0	7.0	< 7.0	7.0
	Endosulfan sulfate	2,400	24,000	< 7.1	7.1	< 7.5	7.5	< 7.2	7.2	< 7.3	7.3	< 7.4	7.4	< 7.9	7.9	< 7.2	7.2	< 7.1	7.1	< 7.3	7.3	< 7.1	7.1	< 6.9	6.9	< 7.1	7.1	< 7.2	7.2	< 7.3	7.3	< 7.0	7.0	< 7.0	7.0
	Endrin	14	11,000	< 7.1	7.1	< 7.5	7.5	< 7.2	7.2	< 7.3	7.3	< 7.4	7.4	< 7.9	7.9	< 7.2	7.2	< 7.1	7.1	< 7.3	7.3	< 7.1	7.1	< 6.9	6.9	< 7.1	7.1	< 7.2	7.2	< 7.3	7.3	< 7.0	7.0	< 7.0	7.0
	Endrin aldehyde			< 7.1	7.1	< 7.5	7.5	< 7.2	7.2	< 7.3	7.3	< 7.4	7.4	< 7.9	7.9	< 7.2	7.2	< 7.1	7.1	< 7.3	7.3	< 7.1	7.1	< 6.9	6.9	< 7.1	7.1	< 7.2	7.2	< 7.3	7.3	< 7.0	7.0	< 7.0	7.0
	Endrin ketone			< 7.1	7.1	< 7.5	7.5	< 7.2	7.2	< 7.3	7.3	< 7.4	7.4	< 7.9	7.9	< 7.2	7.2	< 7.1	7.1	< 7.3	7.3	< 7.1	7.1	< 6.9	6.9	< 7.1	7.1	< 7.2	7.2	< 7.3	7.3	< 7.0	7.0	< 7.0	7.0
	g-BHC			< 1.4	1.4	< 1.5	1.5	< 1.4	1.4	< 1.5	1.5	< 1.5	1.5	< 1.6	1.6	< 1.4	1.4	< 1.4	1.4	< 1.5	1.5	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.5	1.5	< 1.4	1.4	< 1.4	1.4
	g-Chlordane			< 3.5	3.5	< 3.8	3.8	< 3.6	3.6	< 3.6	3.6	< 3.7	3.7	< 3.9	3.9	< 3.6	3.6	< 3.5	3.5	< 3.7	3.7	< 3.5	3.5	< 3.4	3.4	< 3.5	3.5	< 3.6	3.6	< 3.6	3.6	< 3.5	3.5	< 3.5	3.5
	Heptachlor	42	2,100	< 7.1	7.1	< 7.5	7.5	< 7.2	7.2	< 7.3	7.3	< 7.4	7.4	< 7.9	7.9	< 7.2	7.2	< 7.1	7.1	< 7.3	7.3	< 7.1	7.1	< 6.9	6.9	< 7.1	7.1	< 7.2	7.2	< 7.3	7.3	< 7.0	7.0	< 7.0	7.0
	Heptachlor epoxide			< 7.1	7.1	< 7.5	7.5	< 7.2	7.2	< 7.3	7.3	< 7.4	7.4	< 7.9	7.9	< 7.2	7.2	< 7.1	7.1	< 7.3	7.3	< 7.1	7.1	< 6.9	6.9	< 7.1	7.1	< 7.2	7.2	< 7.3	7.3	< 7.0	7.0	< 7.0	7.0
	Methoxychlor			< 35	35	< 38	38	< 36	36	< 36	36	< 37	37	< 39	39	< 36	36	< 35	35	< 37	37	< 35	35	< 34	34	< 35	35	< 36	36	< 36	36	< 35	35	< 35	35
	Toxaphene			< 140	140	< 150	150	< 140	140	< 150	150	< 150	150	< 160	160	< 140	140	< 140	140	< 150	150	< 140	140	< 140	140	< 140	140	< 140	140	< 150	150	< 140	140	< 140	140
PCBs	PCB-1016	100	1,000	< 71	71	< 75	75	< 72	72	< 73	73	< 74	74	< 79	79	< 72	72	< 71	71	< 73	73	< 71	71	< 69	69	< 71	71	< 72	72	< 73	73	< 70	70	< 70	70
	PCB-1221	100	1,000	< 71	71	< 75	75	< 72	72	< 73	73	< 74	74	< 79	79	< 72	72	< 71	71	< 73	73	< 71	71	< 69	69	< 71	71	< 72	72	< 73	73	< 70	70	< 70	70
	PCB-1232	100	1,000	< 71	71	< 75	75	< 72	72	< 73	73	< 74	74	< 79	79	< 72	72	< 71	71	< 73	73	< 71	71	< 69	69	< 71	71	< 72	72	< 73	73	< 70	70	< 70	70
	PCB-1242	100	1,000	< 71	71	< 75	75	< 72	72	< 73	73	< 74	74	< 79	79	< 72	72	< 71	71	< 73	73	< 71	71	< 69	69	< 71	71	< 72	72	< 73	73	< 70	70	< 70	70
	PCB-1248	100	1,000	< 71	71	< 75	75	< 72	72	< 73	73	< 74	74	< 79	79	< 72	72	< 71	71	< 73	73	< 71	71	< 69	69	< 71	71	< 72	72	< 73	73	< 70	70	< 70	70
	PCB-1254	100	1,000	< 71	71	< 75	75	< 72	72	< 73	73	< 74	74	< 79	79	< 72	72	< 71	71	< 73	73	< 71	71	< 69	69	< 71	71	< 72	72	< 73	73	< 70	70	< 70	70
	PCB-1260	100	1,000	< 71	71	< 75	75	< 72	72	< 73	73	< 74	74	< 79	79	< 72	72	< 71	71	< 73	73	< 71	71	< 69	69	< 71	71	< 72	72	< 73	73	< 70	70	< 70	70
	PCB-1262	100		< 71	71	< 75	75	< 72	72	< 73	73	< 74	74	< 79	79	< 72	72	< 71	71	< 73	73	< 71	71	< 69	69	< 71	71	< 72	72	< 73	73	< 70	70	< 70	70
	PCB-1268	100		< 71	71	< 75	75	< 72	72	< 73	73	< 74	74	< 79	79	< 72	72	< 71	71	< 73	73	< 71	71	< 69	69	< 71	71	< 72	72	< 73	73	< 70	70	< 70	70

Notes:

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

RL - Reporting Limit

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

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

Table 4
40 Bruckner Boulevard
Bronx, New York
Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	EBC1		EBC2		EBC3		EBC3		EBC4		EBC5		EBC6		EBC6		EBC7		EBC8		EBC8		EBC8		EBC9		EBC9		EBC10		EBC11	
			(0-2')		(0-3')		(0-2')		(10-12')		(0-2')		(0-2')		(0-2')		(6-8')		(0-2')		(0-2')		(5-7')		(10-12')		(0-2')		(8-10')		(0-2')		(0-2')	
			6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020		6/10/2020	
			mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
	mg/Kg	mg/Kg	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum			8,670	36	1,010	3.6	8,890	34	3,820	36	7,990	38	3,910	40	8,480	34	7,310	34	8,600	40	10,300	34	6,060	31	9,320	33	6,170	35	5,320	38	9,020	38	8,010	37
Antimony			< 3.6	3.6	< 3.6	3.6	< 3.4	3.4	< 3.6	3.6	< 3.8	3.8	< 4.0	4.0	< 3.4	3.4	< 3.4	3.4	< 4.0	4.0	< 3.4	3.4	< 3.1	3.1	< 3.3	3.3	11.5	3.5	< 3.8	3.8	< 3.8	3.8	< 3.7	3.7
Arsenic	13	16	2.97	0.72	2.24	0.72	4.28	0.69	< 0.71	0.71	7.1	0.76	6.2	0.80	2.95	0.68	6.78	0.69	2.22	0.79	8.04	0.68	2.72	0.62	3.11	0.66	9.39	0.70	6.23	0.75	1.54	0.76	1.57	0.75
Barium	350	400	98.7	0.7	131	0.7	84.1	0.7	21.7	0.7	106	0.8	75.9	0.8	90.1	0.7	163	0.7	55.9	0.8	686	0.7	29.3	0.6	54.6	0.7	339	0.7	104	0.8	49.2	0.8	107	0.7
Beryllium	7.2	72	0.48	0.29	< 0.29	0.29	0.57	0.27	< 0.29	0.29	0.55	0.30	0.33	0.32	0.45	0.27	0.43	0.28	0.61	0.32	0.5	0.27	0.34	0.25	0.39	0.27	0.42	0.28	0.38	0.30	0.39	0.30	0.33	0.30
Cadmium	2.5	4.3	1.06	0.36	0.41	0.36	0.67	0.34	< 0.36	0.36	4.36	0.38	0.61	0.40	0.81	0.34	1.12	0.34	0.51	0.40	1.89	0.34	0.5	0.31	1.47	0.33	2.19	0.35	1.26	0.38	0.55	0.38	0.59	0.37
Calcium			32,300	36	915	3.6	28,200	34	1,080	3.6	36,100	38	4,270	4.0	17,700	34	3,100	3.4	26,400	40	27,200	34	1,040	3.1	658	3.3	14,800	35	5,280	3.8	7,590	3.8	35,500	37
Chromium	30	180	31.6	0.36	4.04	0.36	15	0.34	7.75	0.36	15.9	0.38	12.1	0.40	21.5	0.34	19	0.34	13.2	0.40	34.5	0.34	12.9	0.31	13.4	0.33	21.7	0.35	15	0.38	15.5	0.38	19.9	0.37
Cobalt			7.8	0.36	3.06	0.36	7.91	0.34	3.63	0.36	6.71	0.38	5.38	0.40	7.01	0.34	6.18	0.34	4.81	0.40	10.4	0.34	4.68	0.31	6.06	0.33	7.64	0.35	6.69	0.38	4.89	0.38	8.74	0.37
Copper	50	270	85.8	0.7	24.4	0.7	31.3	0.7	9.9	0.7	42.9	0.8	137	0.8	54.1	0.7	62.8	0.7	15.2	0.8	88.7	0.7	96.7	0.6	27.2	0.7	508	7.0	147	7.5	13.8	0.8	27.9	0.7
Iron			15,500	36	8,870	3.6	15,200	34	6,720	3.6	16,900	38	14,300	40	16,400	34	23,500	34	11,200	40	45,600	34	13,300	31	17,000	33	22,100	35	20,000	38	11,500	38	14,900	37
Lead	63	400	104	0.7	282	0.7	96.7	0.7	1.8	0.7	167	0.8	449	0.8	80.5	0.7	1,350	6.9	51.7	0.8	809	6.8	59	0.6	59.6	0.7	748	7.0	408	0.8	20.9	0.8	47.2	0.7
Magnesium			7,800	36	99	3.6	7,180	34	1,610	3.6	10,500	38	1,400	4.0	4,010	3.4	2,590	3.4	4,480	4.0	7,290	34	1,950	3.1	1,660	3.3	3,170	3.5	4,060	3.8	2,320	3.8	4,260	3.7
Manganese	1,600	2,000	283	3.6	34.1	0.36	315	3.4	109	0.36	349	3.8	161	4.0	233	3.4	617	3.4	302	4.0	353	3.4	205	3.1	261	3.3	270	3.5	247	3.8	200	3.8	176	3.7
Mercury	0.18	0.81	0.58	0.14	0.92	0.14	0.37	0.13	< 0.03	0.03	0.35	0.07	1.61	0.16	0.12	0.03	2.28	0.06	< 0.03	0.03	0.34	0.03	0.15	0.03	0.07	0.06	0.58	0.06	0.39	0.07	0.04	0.03	0.13	0.07
Nickel	30	310	23.8	0.36	7.43	0.36	14.3	0.34	6.7	0.36	13.7	0.38	12.7	0.40	16.4	0.34	12.3	0.34	9.82	0.40	22.1	0.34	10.5	0.31	13.7	0.33	24	0.35	15.9	0.38	10.3	0.38	16.3	0.37
Potassium			1,850	7	125	7	1,550	7	693	7	1,800	8	569	8	1,710	7	843	7	1,300	8	2,460	7	695	6	464	7	989	7	662	8	875	8	2,870	7
Selenium	3.9	180	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.5	1.5	< 1.6	1.6	< 1.4	1.4	< 1.4	1.4	< 1.6	1.6	< 1.4	1.4	< 1.2	1.2	< 1.3	1.3	< 1.4	1.4	< 1.5	1.5	< 1.5	1.5	< 1.5	1.5
Silver	2	180	< 0.36	0.36	< 0.36	0.36	< 0.34	0.34	< 0.36	0.36	< 0.38	0.38	< 0.40	0.40	< 0.34	0.34	< 0.34	0.34	< 0.40	0.40	< 0.34	0.34	< 0.31	0.31	< 0.33	0.33	0.57	0.35	< 0.38	0.38	< 0.38	0.38	< 0.37	0.37
Sodium			448	7	67	7	818	7	103	7	884	8	71	8	790	7	220	7	771	8	623	7	120	6	73	7	480	7	128	8	144	8	502	7
Thallium			< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.5	1.5	< 1.6	1.6	< 1.4	1.4	< 1.4	1.4	< 1.6	1.6	< 1.4	1.4	< 1.2	1.2	< 1.3	1.3	< 1.4	1.4	< 1.5	1.5	< 1.5	1.5	< 1.5	1.5
Vanadium			28	0.36	8.07	0.36	25.6	0.34	10.1	0.36	21.7	0.38	19	0.40	28.4	0.34	17.6	0.34	16.5	0.40	52.6	0.34	13.4	0.31	14.6	0.33	22.3	0.35	19.7	0.38	18.9	0.38	24.4	0.37
Zinc	109	10,000	96.7	0.7	224	0.7	55.7	0.7	12.9	0.7	2,690	7.6	76.2	0.8	86.6	0.7	270	0.7	44.7	0.8	517	6.8	45.6	0.6	483	6.6	396	7.0	258	0.8	38.4	0.8	49.8	0.7

Notes:

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

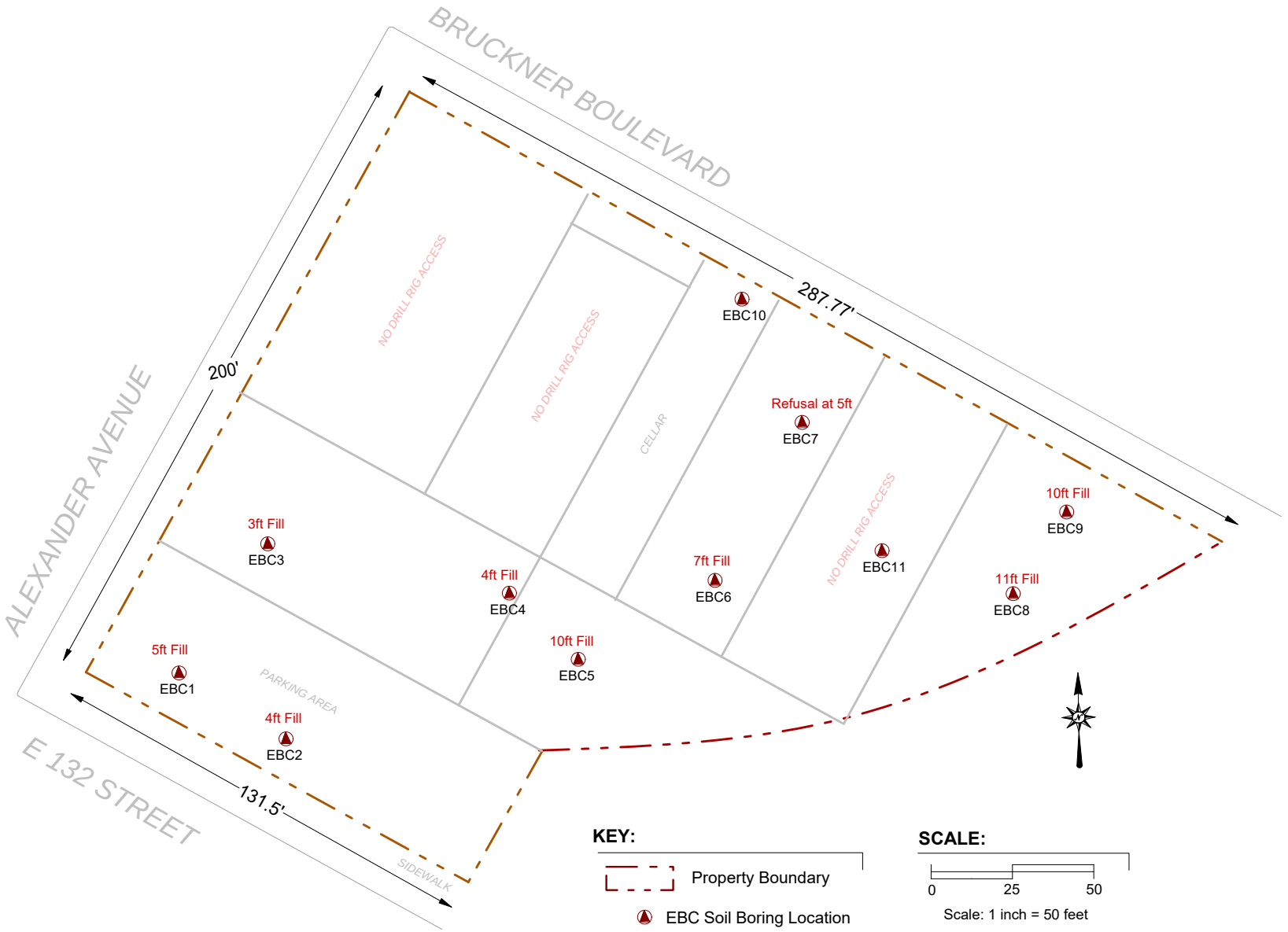
RL - Reporting Limit

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

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

FIGURES

1808 Middle Country Road
Ridge, NY 11961
Phone 631.504.6000
Fax 631.924.2870



EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
Phone 631.504.6000
Fax 631. 924 .2870

Figure No. 2

Site Name: REDEVELOPMENT PROJECT
Site Address: 40 BRUCKNER BOULEVARD, BRONX, NY
Drawing Title: SITE PLAN

APPENDIX A
Soil Boring Logs

Geologic Boring Log Details

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

EBC1 Boring Log

Location: 13 feet from East 132nd Street and 24 feet from Alexander Avenue			**Depth to Water** (ft. from grade.)	**Site Elevation Datum**
Site Name: JCS - JCS Realty 2002	**Address:** 40 Bruckner Boulevard, The Bronx, NY 10454		Date / DTW	**Ground Elevation**
			Groundwater Depth	
Drilling Company: Coastal Environmental Solutions, Inc.	**Method:** Geoprobe 6620DT		**Date** / **DTW**	**Well Specifications**
Date Started: 6/10/2020	**Date Completed:** 6/10/2020			None
Completion Depth: 15'	**Geologist:** Tony Balado			

EBC1 Boring Log (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	SAMPLES Blow per 6 in.	SAMPLES PID (ppm)	SOIL DESCRIPTION
	0 to 5	34"		0.4	26" Dark brown fill with brick 8" Fine medium brown sand **Retained soil sample EBC1 (0-2')*
	5 to 10	19"		0	15" Fine to medium brown sand 4" Wet coarse sand
	10 to 15	14"		0	14" Wet coarse sand

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

EBC2 Boring Log

Location: 12 feet from East 132nd Street and 62 feet from Alexander Avenue			**Depth to Water** (ft. from grade.)	**Site Elevation Datum**
Site Name: JCS - JCS Realty 2002	**Address:** 40 Bruckner Boulevard, The Bronx, NY 10454		Date / DTW	**Ground Elevation**
			Groundwater Depth	
Drilling Company: Coastal Environmental Solutions, Inc.	**Method:** Geoprobe 6620DT		**Date** / **DTW**	**Well Specifications**
Date Started: 6/10/2020	**Date Completed:** 6/10/2020			None
Completion Depth: 15'	**Geologist:** Tony Balado			

EBC2 Boring Log (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	SAMPLES Blow per 6 in.	SAMPLES PID (ppm)	SOIL DESCRIPTION
	0 to 5	38"		0	30" black and grey ashy fill 8" Fine brown sand **Retained soil sample EBC2 (0-2')*
	5 to 10	31"		0	29" Fine brown sand 2" Wet coarse sand
	10 to 15	15"		0	15" Wet coarse sand

Geologic Boring Log Details

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

EBC3 Boring Log

Location: 62 feet from East 132nd street, 29 feet from Alexander Avenue			**Depth to Water** (ft. from grade.)	**Site Elevation Datum**
Site Name: JCS - JCS Realty 2002	**Address:** 40 Bruckner Boulevard, The Bronx, NY 10454		Date / DTW: Groundwater Depth	**Ground Elevation**
Drilling Company: Coastal Environmental Solutions, Inc.	**Method:** Geoprobe 6620DT		**Date** / **DTW**	**Well Specifications**
Date Started: 6/10/2020	**Date Completed:** 6/10/2020			None
Completion Depth: 15'	**Geologist:** Tony Balado			

EBC3 Boring Log (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	SAMPLES Blow per 6 in.	SAMPLES PID (ppm)	SOIL DESCRIPTION
	0 to 5	39"		7.8	3" Concrete 10" Brown to black silty fill with asphalt 26" brown dry silt **Retained soil sample EBC3 (0-2')*
	5 to 10	33"		0	33" Brown dry silt
	10 to 15	17"		0.7	17" Saturated coarse brown sand with no odor **Retained soil sample EBC3 (10-12')*

Geologic Boring Log Details

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

EBC4 Boring Log

Location: 84 feet from East 132nd Street, 5 feet from the rear wall			**Depth to Water** (ft. from grade.)	**Site Elevation Datum**
Site Name: JCS - JCS Realty 2002	**Address:** 40 Bruckner Boulevard, The Bronx, NY 10454		Date / DTW	**Ground Elevation**
			Groundwater Depth	
Drilling Company: Coastal Environmental Solutions, Inc.	**Method:** Geoprobe 6620DT		**Date** / **DTW**	**Well Specifications**
Date Started: 6/10/2020	**Date Completed:** 6/10/2020			None
Completion Depth: 15'	**Geologist:** Tony Balado			

EBC4 Boring Log (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	SAMPLES Blow per 6 in.	SAMPLES PID (ppm)	SOIL DESCRIPTION
	0 to 5	18"		0	3" Concrete 10" Black silty fill with brick 5" Moist dark brown silt **Retained soil sample EBC4 (0-2')*
	5 to 10	30"		0	6" Dry dark brown and black silty 24" Light brown dry silt
	10 to 15	30"		0	30" Saturated coarse brown sand

Geologic Boring Log Details

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

EBC5 Boring Log

Location: 30 feet feet from the south property boarder and 25 feet from the west wall			**Depth to Water** (ft. from grade.)	**Site Elevation Datum**
Site Name: JCS - JCS Realty 2002	**Address:** 40 Bruckner Boulevard, The Bronx, NY 10454		Date / DTW: Groundwater Depth	**Ground Elevation**
Drilling Company: Coastal Environmental Solutions, Inc.	**Method:** Geoprobe 6620DT		**Date** / **DTW**	**Well Specifications**
Date Started: 6/10/2020	**Date Completed:** 6/10/2020			None
Completion Depth: 15'	**Geologist:** Tony Balado			

EBC5 Boring Log (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	SAMPLES Blow per 6 in.	SAMPLES PID (ppm)	SOIL DESCRIPTION
	0 to 5	25"		0	25" Fill material and black asphalt **Retained soil sample EBC5 (0-2')*
	5 to 10	36"		0	36" Moist brown silt
	10 to 15	36"		0	36" Saturated brown sand

Geologic Boring Log Details

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

EBC6 Boring Log

Location: 12 feet from east wall, 18 feet from Bruckner Boulevard			**Depth to Water** (ft. from grade.)	**Site Elevation Datum**
Site Name: JCS - JCS Realty 2002	**Address:** 40 Bruckner Boulevard, The Bronx, NY 10454		Date / DTW	**Ground Elevation**
			Groundwater Depth	
Drilling Company: Coastal Environmental Solutions, Inc.	**Method:** Geoprobe 6620DT		**Date** / **DTW**	**Well Specifications**
Date Started: 6/10/2020	**Date Completed:** 6/10/2020			None
Completion Depth: 15'	**Geologist:** Tony Balado			

EBC6 Boring Log (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	SAMPLES Blow per 6 in.	SAMPLES PID (ppm)	SOIL DESCRIPTION
	0 to 5	16"		0	16" Grey silty fill with asphalt **Retained soil sample EBC6 (0-2')*
	5 to 10	36"		0	6" Brown silt 10" Black silty with asphalt 20" Brown dry silty sand **Retained soil sample EBC6 (6-8')*
	10 to 15	36"		0	16" Dry silty sand 20" Saturated silty sand

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

EBC7 Boring Log

Location: 12 feet from the east wall and 6 feet in from Bruckner Boulevard			**Depth to Water** (ft. from grade.)	**Site Elevation Datum**
Site Name: JCS - JCS Realty 2002	**Address:** 40 Bruckner Boulevard, The Bronx, NY 10454		Date / DTW	**Ground Elevation**
			Groundwater Depth	
Drilling Company: Coastal Environmental Solutions, Inc.	**Method:** Geoprobe 6620DT		**Date** / **DTW**	**Well Specifications**
Date Started: 6/10/2020	**Date Completed:** 6/10/2020			None
Completion Depth: 5'	**Geologist:** Tony Balado			

EBC7 Boring Log (NTS)	DEPTH (ft below grade)	SAMPLES: Recovery (in.)	SAMPLES: Blow per 6 in.	SAMPLES: PID (ppm)	SOIL DESCRIPTION
	0 to 5	22"		0	22" Brown sill with concrete Geoprobe refusal at 5 feet **Retained soil sample EBC7 (0-2')*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

EBC8 Boring Log

Location: 58 feet from the east corner measured from Bruckner Avenue and 48 feet in from Bruckner Avenue			**Depth to Water** (ft. from grade.)	**Site Elevation Datum**
Site Name: JCS - JCS Realty 2002	**Address:** 40 Bruckner Boulevard, The Bronx, NY 10454		Date / DTW	**Ground Elevation**
			Groundwater Depth	
Drilling Company: Coastal Environmental Solutions, Inc.	**Method:** Geoprobe 6620DT		**Date** / **DTW**	**Well Specifications**
Date Started: 6/10/2020	**Date Completed:** 6/10/2020			None
Completion Depth: 20'	**Geologist:** Tony Balado			

EBC8 Boring Log (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	SAMPLES Blow per 6 in.	SAMPLES PID (ppm)	SOIL DESCRIPTION
	0 to 5	28"		0	5" Concrete 23" Brown and black fill with brick and asphalt **Retained soil sample EBC8 (0-2')*
	5 to 10	30"		0	30" Marbleized fill and brown sand and asphalt with no odor **Retained soil sample EBC8 (5-7')*
	10 to 15	32"		0	10" Black sand with asphalt 22" Brown medium dry sand **Retained soil sample EBC8 (10-12')*
	15 to 20	32"		0	32" Saturated brown coarse sand

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

EBC9 Boring Log

Location: 58 feet from East corner and 16 feet in from Bruckner Avenue			**Depth to Water** (ft. from grade.)	**Site Elevation Datum**
Site Name: JCS - JCS Realty 2002	**Address:** 40 Bruckner Boulevard, The Bronx, NY 10454		Date / DTW	**Ground Elevation**
			Groundwater Depth	
Drilling Company: Coastal Environmental Solutions, Inc.	**Method:** Geoprobe 6620DT		**Date** / **DTW**	**Well Specifications**
Date Started: 6/10/2020	**Date Completed:** 6/10/2020			None
Completion Depth: 20'	**Geologist:** Tony Balado			

EBC9 Boring Log (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	SAMPLES Blow per 6 in.	SAMPLES PID (ppm)	SOIL DESCRIPTION
	0 to 5	28"		0	6" Concrete 22" Black silty sill with rocks **Retained soil sample EBC9 (0-2')*
	5 to 10	29"		0	29" Marbleized fill with crushed stone and brown silt **Retained soil sample EBC9 (8-10')*
	10 to 15	37"		0	7" Moist dark brown silty sand 30" moist fine sand
	15 to 20	34"		0	14" Brown wet coarse sand 20" Dark brown and grey coarse wet sand

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

EBC10 Boring Log

Location: 6 feet from Bruckner Avenue and 10 feet from the east wall			**Depth to Water** (ft. from grade.)	**Site Elevation Datum**
Site Name: JCS - JCS Realty 2002	**Address:** 40 Bruckner Boulevard, The Bronx, NY 10454		Date / DTW	**Ground Elevation**
			Groundwater Depth	
Drilling Company: Coastal Environmental Solutions, Inc.	**Method:** Stainless Steel Hand Auger		**Date** / **DTW**	**Well Specifications**
Date Started: 6/10/2020	**Date Completed:** 6/10/2020			None
Completion Depth: 2'	**Geologist:** Tony Balado			

EBC10 Boring Log (NTS)	DEPTH (ft below grade)	SAMPLES: Recovery (in.)	SAMPLES: Blow per 6 in.	SAMPLES: PID (ppm)	SOIL DESCRIPTION
	0 to 2	24"		0	15" Dry brown sand **Retained soil sample EBC10 (0-2')*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

EBC11 Boring Log

Location: 35 feet from Bruckner Boulevard and 4 feet from the west wall			**Depth to Water** (ft. from grade.)	**Site Elevation Datum**
Site Name: JCS - JCS Realty 2002	**Address:** 40 Bruckner Boulevard, The Bronx, NY 10454		Date / DTW: Groundwater Depth	**Ground Elevation**
Drilling Company: Coastal Environmental Solutions, Inc.	**Method:** Stainless Steel Hand Auger		**Date** / **DTW**	**Well Specifications**
Date Started: 6/10/2020	**Date Completed:** 6/10/2020			None
Completion Depth: 2'	**Geologist:** Tony Balado			

EBC11 Boring Log (NTS)	DEPTH (ft below grade)	SAMPLES: Recovery (in.)	SAMPLES: Blow per 6 in.	SAMPLES: PID (ppm)	SOIL DESCRIPTION
	0 to 2	24"		0	15" Black sandy fill **Retained soil sample EBC11 (0-2')*

APPENDIX B
Laboratory Reports

PHOENIX
Environmental Laboratories, Inc.

Tuesday, June 16, 2020

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: **40 BRUCKNER BLVD BRONX**
SDG ID: **GCG11328**
Sample ID#s: CG11328 - CG11343

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

June 16, 2020

SDG I.D.: GCG11328

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

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

NY # 11301

Sample Id Cross Reference

June 16, 2020

SDG I.D.: GCG11328

Project ID: 40 BRUCKNER BLVD BRONX

Client Id	Lab Id	Matrix
EBC1 (0-2)	CG11328	SOIL
EBC2 (0-3)	CG11329	SOIL
EBC3 (0-2)	CG11330	SOIL
EBC3 (10-12)	CG11331	SOIL
EBC4 (0-2)	CG11332	SOIL
EBC5 (0-2)	CG11333	SOIL
EBC6 (0-2)	CG11334	SOIL
EBC6 (6-8)	CG11335	SOIL
EBC7 (0-2)	CG11336	SOIL
EBC8 (0-2)	CG11337	SOIL
EBC8 (5-7)	CG11338	SOIL
EBC8 (10-12)	CG11339	SOIL
EBC9 (0-2)	CG11340	SOIL
EBC9 (8-10)	CG11341	SOIL
EBC10 (0-2)	CG11342	SOIL
EBC11 (0-2)	CG11343	SOIL

Reference 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

June 16, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TB	06/10/20	
Location Code:	EBC	Received by:	CP	06/11/20	15:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG11328
Phoenix ID: CG11328

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC1 (0-2)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.36	0.36		mg/Kg	1	06/12/20	TH	SW6010D
Aluminum	8670	36		mg/Kg	10	06/12/20	TH	SW6010D
Arsenic	2.97	0.72		mg/Kg	1	06/12/20	TH	SW6010D
Barium	98.7	0.7		mg/Kg	1	06/12/20	TH	SW6010D
Beryllium	0.48	0.29		mg/Kg	1	06/12/20	TH	SW6010D
Calcium	32300	36		mg/Kg	10	06/12/20	TH	SW6010D
Cadmium	1.06	0.36		mg/Kg	1	06/12/20	TH	SW6010D
Cobalt	7.80	0.36		mg/Kg	1	06/12/20	TH	SW6010D
Chromium	31.6	0.36		mg/Kg	1	06/12/20	TH	SW6010D
Copper	85.8	0.7		mg/kg	1	06/12/20	TH	SW6010D
Iron	15500	36		mg/Kg	10	06/12/20	TH	SW6010D
Mercury	0.58	0.14		mg/Kg	10	06/12/20	RS	SW7471B
Potassium	1850	7		mg/Kg	1	06/12/20	TH	SW6010D
Magnesium	7800	36		mg/Kg	10	06/12/20	TH	SW6010D
Manganese	283	3.6		mg/Kg	10	06/12/20	TH	SW6010D
Sodium	448	7		mg/Kg	1	06/12/20	TH	SW6010D
Nickel	23.8	0.36		mg/Kg	1	06/12/20	TH	SW6010D
Lead	104	0.7		mg/Kg	1	06/12/20	TH	SW6010D
Antimony	< 3.6	3.6		mg/Kg	1	06/12/20	TH	SW6010D
Selenium	< 1.4	1.4		mg/Kg	1	06/12/20	TH	SW6010D
Thallium	< 1.4	1.4		mg/Kg	1	06/12/20	TH	SW6010D
Vanadium	28.0	0.36		mg/Kg	1	06/12/20	TH	SW6010D
Zinc	96.7	0.7		mg/Kg	1	06/12/20	TH	SW6010D
Percent Solid	92			%		06/11/20	JS	SW846-%Solid
Soil Extraction for PCB	Completed					06/11/20	LL/EE	SW3545A
Soil Extraction for PCB	Completed					06/11/20	LL/EE	SW3545A
Soil Extraction for Pesticides	Completed					06/11/20	LL/EE	SW3545A
Mercury Digestion	Completed					06/12/20	VT/VT	SW7471B

Ver 1

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC1 (0-2)

Phoenix I.D.: CG11328

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Soil Extraction for SVOA	Completed					06/11/20	KK/MA	SW3546
Total Metals Digest	Completed					06/11/20	B/AG	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	71	71	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1221	ND	71	71	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1232	ND	71	71	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1242	ND	71	71	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1248	ND	71	71	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1254	ND	71	71	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1260	ND	71	71	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1262	ND	71	71	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1268	ND	71	71	ug/Kg	2	06/15/20	SC	SW8082A
QA/QC Surrogates								
% DCBP	79			%	2	06/15/20	SC	30 - 150 %
% DCBP (Confirmation)	76			%	2	06/15/20	SC	30 - 150 %
% TCMX	65			%	2	06/15/20	SC	30 - 150 %
% TCMX (Confirmation)	65			%	2	06/15/20	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.1		ug/Kg	2	06/12/20	CG	SW8081B
4,4' -DDE	ND	3.3		ug/Kg	2	06/12/20	CG	SW8081B
4,4' -DDT	ND	2.1		ug/Kg	2	06/12/20	CG	SW8081B
a-BHC	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
a-Chlordane	ND	3.5		ug/Kg	2	06/12/20	CG	SW8081B
Aldrin	ND	3.5		ug/Kg	2	06/12/20	CG	SW8081B
b-BHC	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
Chlordane	ND	35		ug/Kg	2	06/12/20	CG	SW8081B
d-BHC	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
Dieldrin	ND	3.5		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan I	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan II	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan sulfate	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
Endrin	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
Endrin aldehyde	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
Endrin ketone	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
g-BHC	ND	1.4		ug/Kg	2	06/12/20	CG	SW8081B
g-Chlordane	ND	3.5		ug/Kg	2	06/12/20	CG	SW8081B
Heptachlor	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
Heptachlor epoxide	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
Methoxychlor	ND	35		ug/Kg	2	06/12/20	CG	SW8081B
Toxaphene	ND	140		ug/Kg	2	06/12/20	CG	SW8081B
QA/QC Surrogates								
% DCBP	67			%	2	06/12/20	CG	30 - 150 %
% DCBP (Confirmation)	65			%	2	06/12/20	CG	30 - 150 %
% TCMX	54			%	2	06/12/20	CG	30 - 150 %
% TCMX (Confirmation)	57			%	2	06/12/20	CG	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.8	1.2	ug/Kg	1	06/13/20	JLI	SW8260C

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC1 (0-2)

Phoenix I.D.: CG11328

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
1,1,1-Trichloroethane	ND		5.8	0.58	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND		5.8	1.2	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1,2-Trichloroethane	ND		5.8	1.2	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1-Dichloroethane	ND		5.8	1.2	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1-Dichloroethene	ND		5.8	0.58	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1-Dichloropropene	ND		5.8	0.58	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		5.8	1.2	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,3-Trichloropropane	ND		5.8	0.58	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		5.8	1.2	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		5.8	0.58	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		5.8	1.2	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dibromoethane	ND		5.8	0.58	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dichlorobenzene	ND		5.8	0.58	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dichloroethane	ND		5.8	0.58	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dichloropropane	ND		5.8	1.2	ug/Kg	1	06/13/20	JLI	SW8260C	
1,3,5-Trimethylbenzene	3.9	J	5.8	0.58	ug/Kg	1	06/13/20	JLI	SW8260C	
1,3-Dichlorobenzene	ND		5.8	0.58	ug/Kg	1	06/13/20	JLI	SW8260C	
1,3-Dichloropropane	ND		5.8	1.2	ug/Kg	1	06/13/20	JLI	SW8260C	
1,4-Dichlorobenzene	ND		5.8	0.58	ug/Kg	1	06/13/20	JLI	SW8260C	
2,2-Dichloropropane	ND		5.8	0.58	ug/Kg	1	06/13/20	JLI	SW8260C	
2-Chlorotoluene	ND		5.8	1.2	ug/Kg	1	06/13/20	JLI	SW8260C	
2-Hexanone	ND		29	5.8	ug/Kg	1	06/13/20	JLI	SW8260C	
2-Isopropyltoluene	ND		5.8	0.58	ug/Kg	1	06/13/20	JLI	SW8260C	1
4-Chlorotoluene	ND		5.8	0.58	ug/Kg	1	06/13/20	JLI	SW8260C	
4-Methyl-2-pentanone	ND		29	5.8	ug/Kg	1	06/13/20	JLI	SW8260C	
Acetone	13	JS	29	5.8	ug/Kg	1	06/13/20	JLI	SW8260C	
Acrylonitrile	ND		12	1.2	ug/Kg	1	06/13/20	JLI	SW8260C	
Benzene	1.2	J	5.8	0.58	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromobenzene	ND		5.8	0.58	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromochloromethane	ND		5.8	0.58	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromodichloromethane	ND		5.8	1.2	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromoform	ND		5.8	1.2	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromomethane	ND		5.8	2.3	ug/Kg	1	06/13/20	JLI	SW8260C	
Carbon Disulfide	ND		5.8	1.2	ug/Kg	1	06/13/20	JLI	SW8260C	
Carbon tetrachloride	ND		5.8	1.2	ug/Kg	1	06/13/20	JLI	SW8260C	
Chlorobenzene	ND		5.8	0.58	ug/Kg	1	06/13/20	JLI	SW8260C	
Chloroethane	ND		5.8	0.58	ug/Kg	1	06/13/20	JLI	SW8260C	
Chloroform	ND		5.8	0.58	ug/Kg	1	06/13/20	JLI	SW8260C	
Chloromethane	ND		5.8	1.2	ug/Kg	1	06/13/20	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		5.8	0.58	ug/Kg	1	06/13/20	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		5.8	0.58	ug/Kg	1	06/13/20	JLI	SW8260C	
Dibromochloromethane	ND		5.8	1.2	ug/Kg	1	06/13/20	JLI	SW8260C	
Dibromomethane	ND		5.8	1.2	ug/Kg	1	06/13/20	JLI	SW8260C	
Dichlorodifluoromethane	ND		5.8	0.58	ug/Kg	1	06/13/20	JLI	SW8260C	
Ethylbenzene	0.67	J	5.8	0.58	ug/Kg	1	06/13/20	JLI	SW8260C	
Hexachlorobutadiene	ND		5.8	0.58	ug/Kg	1	06/13/20	JLI	SW8260C	
Isopropylbenzene	ND		5.8	0.58	ug/Kg	1	06/13/20	JLI	SW8260C	
m&p-Xylene	2.8	J	5.8	1.2	ug/Kg	1	06/13/20	JLI	SW8260C	
Methyl Ethyl Ketone	ND		35	5.8	ug/Kg	1	06/13/20	JLI	SW8260C	

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC1 (0-2)

Phoenix I.D.: CG11328

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Methyl t-butyl ether (MTBE)	ND		12	1.2	ug/Kg	1	06/13/20	JLI	SW8260C
Methylene chloride	ND		5.8	5.8	ug/Kg	1	06/13/20	JLI	SW8260C
Naphthalene	2.9	J	5.8	1.2	ug/Kg	1	06/13/20	JLI	SW8260C
n-Butylbenzene	ND		5.8	0.58	ug/Kg	1	06/13/20	JLI	SW8260C
n-Propylbenzene	ND		5.8	1.2	ug/Kg	1	06/13/20	JLI	SW8260C
o-Xylene	2.3	J	5.8	1.2	ug/Kg	1	06/13/20	JLI	SW8260C
p-Isopropyltoluene	ND		5.8	0.58	ug/Kg	1	06/13/20	JLI	SW8260C
sec-Butylbenzene	ND		5.8	0.58	ug/Kg	1	06/13/20	JLI	SW8260C
Styrene	ND		5.8	0.58	ug/Kg	1	06/13/20	JLI	SW8260C
tert-Butylbenzene	ND		5.8	0.58	ug/Kg	1	06/13/20	JLI	SW8260C
Tetrachloroethene	ND		5.8	1.2	ug/Kg	1	06/13/20	JLI	SW8260C
Tetrahydrofuran (THF)	ND		12	2.9	ug/Kg	1	06/13/20	JLI	SW8260C
Toluene	0.99	J	5.8	0.58	ug/Kg	1	06/13/20	JLI	SW8260C
trans-1,2-Dichloroethene	ND		5.8	0.58	ug/Kg	1	06/13/20	JLI	SW8260C
trans-1,3-Dichloropropene	ND		5.8	0.58	ug/Kg	1	06/13/20	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND		12	2.9	ug/Kg	1	06/13/20	JLI	SW8260C
Trichloroethene	ND		5.8	0.58	ug/Kg	1	06/13/20	JLI	SW8260C
Trichlorofluoromethane	ND		5.8	1.2	ug/Kg	1	06/13/20	JLI	SW8260C
Trichlorotrifluoroethane	ND		5.8	0.58	ug/Kg	1	06/13/20	JLI	SW8260C
Vinyl chloride	ND		5.8	0.58	ug/Kg	1	06/13/20	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99				%	1	06/13/20	JLI	70 - 130 %
% Bromofluorobenzene	90				%	1	06/13/20	JLI	70 - 130 %
% Dibromofluoromethane	91				%	1	06/13/20	JLI	70 - 130 %
% Toluene-d8	96				%	1	06/13/20	JLI	70 - 130 %
1,4-dioxane									
1,4-dioxane	ND		86		ug/kg	1	06/13/20	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99				%	1	06/13/20	JLI	70 - 130 %
% Bromofluorobenzene	90				%	1	06/13/20	JLI	70 - 130 %
% Dibromofluoromethane	91				%	1	06/13/20	JLI	70 - 130 %
% Toluene-d8	96				%	1	06/13/20	JLI	70 - 130 %
Volatiles									
1,1,1,2-Tetrachloroethane	ND		23		ug/Kg	1	06/13/20	JLI	SW8260C
Acrolein	ND		5.8		ug/Kg	1	06/13/20	JLI	SW8260C
Acrylonitrile	ND		23		ug/Kg	1	06/13/20	JLI	SW8260C
Tert-butyl alcohol	ND		120		ug/Kg	1	06/13/20	JLI	SW8260C
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND		250	120	ug/Kg	1	06/12/20	WB	SW8270D
1,2,4-Trichlorobenzene	ND		250	110	ug/Kg	1	06/12/20	WB	SW8270D
1,2-Dichlorobenzene	ND		250	100	ug/Kg	1	06/12/20	WB	SW8270D
1,2-Diphenylhydrazine	ND		250	120	ug/Kg	1	06/12/20	WB	SW8270D
1,3-Dichlorobenzene	ND		250	100	ug/Kg	1	06/12/20	WB	SW8270D
1,4-Dichlorobenzene	ND		250	100	ug/Kg	1	06/12/20	WB	SW8270D
2,4,5-Trichlorophenol	ND		250	190	ug/Kg	1	06/12/20	WB	SW8270D
2,4,6-Trichlorophenol	ND		180	110	ug/Kg	1	06/12/20	WB	SW8270D
2,4-Dichlorophenol	ND		180	120	ug/Kg	1	06/12/20	WB	SW8270D

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC1 (0-2)

Phoenix I.D.: CG11328

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
2,4-Dimethylphenol	ND		250	88	ug/Kg	1	06/12/20	WB	SW8270D	
2,4-Dinitrophenol	ND		250	250	ug/Kg	1	06/12/20	WB	SW8270D	
2,4-Dinitrotoluene	ND		180	140	ug/Kg	1	06/12/20	WB	SW8270D	
2,6-Dinitrotoluene	ND		180	110	ug/Kg	1	06/12/20	WB	SW8270D	
2-Chloronaphthalene	ND		250	100	ug/Kg	1	06/12/20	WB	SW8270D	
2-Chlorophenol	ND		250	100	ug/Kg	1	06/12/20	WB	SW8270D	
2-Methylnaphthalene	ND		250	110	ug/Kg	1	06/12/20	WB	SW8270D	
2-Methylphenol (o-cresol)	ND		250	170	ug/Kg	1	06/12/20	WB	SW8270D	
2-Nitroaniline	ND		250	250	ug/Kg	1	06/12/20	WB	SW8270D	
2-Nitrophenol	ND		250	220	ug/Kg	1	06/12/20	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		250	140	ug/Kg	1	06/12/20	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND		180	170	ug/Kg	1	06/12/20	WB	SW8270D	
3-Nitroaniline	ND		350	710	ug/Kg	1	06/12/20	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND		210	71	ug/Kg	1	06/12/20	WB	SW8270D	
4-Bromophenyl phenyl ether	ND		250	100	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chloro-3-methylphenol	ND		250	120	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chloroaniline	ND		280	160	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND		250	120	ug/Kg	1	06/12/20	WB	SW8270D	
4-Nitroaniline	ND		350	120	ug/Kg	1	06/12/20	WB	SW8270D	
4-Nitrophenol	ND		350	160	ug/Kg	1	06/12/20	WB	SW8270D	
Acenaphthene	230	J	250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Acenaphthylene	220	J	250	99	ug/Kg	1	06/12/20	WB	SW8270D	
Acetophenone	ND		250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Aniline	ND		280	280	ug/Kg	1	06/12/20	WB	SW8270D	
Anthracene	650		250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benz(a)anthracene	2000		250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzidine	ND		350	210	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(a)pyrene	1800		180	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(b)fluoranthene	1500		250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(ghi)perylene	890		250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(k)fluoranthene	1400		250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzoic acid	ND		1800	710	ug/Kg	1	06/12/20	WB	SW8270D	
Benzyl butyl phthalate	ND		250	91	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND		250	98	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroethyl)ether	ND		180	96	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND		250	98	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	220	J	250	100	ug/Kg	1	06/12/20	WB	SW8270D	
Carbazole	150	J	180	140	ug/Kg	1	06/12/20	WB	SW8270D	
Chrysene	1900		250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Dibenz(a,h)anthracene	240		180	110	ug/Kg	1	06/12/20	WB	SW8270D	
Dibenzofuran	130	J	250	100	ug/Kg	1	06/12/20	WB	SW8270D	
Diethyl phthalate	ND		250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Dimethylphthalate	ND		250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Di-n-butylphthalate	ND		250	94	ug/Kg	1	06/12/20	WB	SW8270D	
Di-n-octylphthalate	ND		250	91	ug/Kg	1	06/12/20	WB	SW8270D	
Fluoranthene	3900		250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Fluorene	210	J	250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorobenzene	ND		180	100	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorobutadiene	ND		250	130	ug/Kg	1	06/12/20	WB	SW8270D	

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC1 (0-2)

Phoenix I.D.: CG11328

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachloroethane	ND	180	110	ug/Kg	1	06/12/20	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	940	250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Isophorone	ND	180	99	ug/Kg	1	06/12/20	WB	SW8270D	
Naphthalene	ND	250	100	ug/Kg	1	06/12/20	WB	SW8270D	
Nitrobenzene	ND	180	120	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodimethylamine	ND	250	100	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	180	110	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	06/12/20	WB	SW8270D	
Pentachloronitrobenzene	ND	250	130	ug/Kg	1	06/12/20	WB	SW8270D	
Pentachlorophenol	ND	210	130	ug/Kg	1	06/12/20	WB	SW8270D	
Phenanthrene	2000	250	100	ug/Kg	1	06/12/20	WB	SW8270D	
Phenol	ND	250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Pyrene	3600	250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Pyridine	ND	250	87	ug/Kg	1	06/12/20	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	64			%	1	06/12/20	WB	30 - 130 %	
% 2-Fluorobiphenyl	66			%	1	06/12/20	WB	30 - 130 %	
% 2-Fluorophenol	70			%	1	06/12/20	WB	30 - 130 %	
% Nitrobenzene-d5	73			%	1	06/12/20	WB	30 - 130 %	
% Phenol-d5	77			%	1	06/12/20	WB	30 - 130 %	
% Terphenyl-d14	78			%	1	06/12/20	WB	30 - 130 %	
Field Extraction	Completed					06/10/20		SW5035A	1

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

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

Comments:

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

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

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
June 16, 2020
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Reference 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

June 16, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TB	06/10/20	
Location Code:	EBC	Received by:	CP	06/11/20	15:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG11328
Phoenix ID: CG11329

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC2 (0-3)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.36	0.36		mg/Kg	1	06/12/20	TH	SW6010D
Aluminum	1010	3.6		mg/Kg	1	06/12/20	TH	SW6010D
Arsenic	2.24	0.72		mg/Kg	1	06/12/20	TH	SW6010D
Barium	131	0.7		mg/Kg	1	06/12/20	TH	SW6010D
Beryllium	< 0.29	0.29		mg/Kg	1	06/12/20	TH	SW6010D
Calcium	915	3.6		mg/Kg	1	06/12/20	TH	SW6010D
Cadmium	0.41	0.36		mg/Kg	1	06/12/20	TH	SW6010D
Cobalt	3.06	0.36		mg/Kg	1	06/12/20	TH	SW6010D
Chromium	4.04	0.36		mg/Kg	1	06/12/20	TH	SW6010D
Copper	24.4	0.7		mg/kg	1	06/12/20	TH	SW6010D
Iron	8870	3.6		mg/Kg	1	06/12/20	TH	SW6010D
Mercury	0.92	0.14		mg/Kg	10	06/12/20	RS	SW7471B
Potassium	125	7		mg/Kg	1	06/12/20	TH	SW6010D
Magnesium	99.0	3.6		mg/Kg	1	06/12/20	TH	SW6010D
Manganese	34.1	0.36		mg/Kg	1	06/12/20	TH	SW6010D
Sodium	67	7		mg/Kg	1	06/12/20	TH	SW6010D
Nickel	7.43	0.36		mg/Kg	1	06/12/20	TH	SW6010D
Lead	282	0.7		mg/Kg	1	06/12/20	TH	SW6010D
Antimony	< 3.6	3.6		mg/Kg	1	06/12/20	TH	SW6010D
Selenium	< 1.4	1.4		mg/Kg	1	06/12/20	TH	SW6010D
Thallium	< 1.4	1.4		mg/Kg	1	06/12/20	TH	SW6010D
Vanadium	8.07	0.36		mg/Kg	1	06/12/20	TH	SW6010D
Zinc	224	0.7		mg/Kg	1	06/12/20	TH	SW6010D
Percent Solid	88			%		06/11/20	JS	SW846-%Solid
Soil Extraction for PCB	Completed					06/11/20	LL/AA	SW3545A
Soil Extraction for Pesticides	Completed					06/11/20	LL/AA	SW3545A
Mercury Digestion	Completed					06/12/20	VT/VT	SW7471B
Soil Extraction for SVOA	Completed					06/11/20	KK/MA	SW3546

Ver 1

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC2 (0-3)

Phoenix I.D.: CG11329

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Total Metals Digest	Completed						06/11/20	B/AG	SW3050B
Polychlorinated Biphenyls									
PCB-1016	ND		75	75	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1221	ND		75	75	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1232	ND		75	75	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1242	ND		75	75	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1248	ND		75	75	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1254	ND		75	75	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1260	ND		75	75	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1262	ND		75	75	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1268	ND		75	75	ug/Kg	2	06/13/20	SC	SW8082A
QA/QC Surrogates									
% DCBP	54				%	2	06/13/20	SC	30 - 150 %
% DCBP (Confirmation)	54				%	2	06/13/20	SC	30 - 150 %
% TCMX	53				%	2	06/13/20	SC	30 - 150 %
% TCMX (Confirmation)	50				%	2	06/13/20	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		2.3		ug/Kg	2	06/12/20	CG	SW8081B
4,4' -DDE	ND		2.3		ug/Kg	2	06/12/20	CG	SW8081B
4,4' -DDT	ND		2.3		ug/Kg	2	06/12/20	CG	SW8081B
a-BHC	ND		7.5		ug/Kg	2	06/12/20	CG	SW8081B
a-Chlordane	ND		3.8		ug/Kg	2	06/12/20	CG	SW8081B
Aldrin	ND		3.8		ug/Kg	2	06/12/20	CG	SW8081B
b-BHC	ND		7.5		ug/Kg	2	06/12/20	CG	SW8081B
Chlordane	ND		38		ug/Kg	2	06/12/20	CG	SW8081B
d-BHC	ND		7.5		ug/Kg	2	06/12/20	CG	SW8081B
Dieldrin	ND		3.8		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan I	ND		7.5		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan II	ND		7.5		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan sulfate	ND		7.5		ug/Kg	2	06/12/20	CG	SW8081B
Endrin	ND		7.5		ug/Kg	2	06/12/20	CG	SW8081B
Endrin aldehyde	ND		7.5		ug/Kg	2	06/12/20	CG	SW8081B
Endrin ketone	ND		7.5		ug/Kg	2	06/12/20	CG	SW8081B
g-BHC	ND		1.5		ug/Kg	2	06/12/20	CG	SW8081B
g-Chlordane	ND		3.8		ug/Kg	2	06/12/20	CG	SW8081B
Heptachlor	ND		7.5		ug/Kg	2	06/12/20	CG	SW8081B
Heptachlor epoxide	ND		7.5		ug/Kg	2	06/12/20	CG	SW8081B
Methoxychlor	ND		38		ug/Kg	2	06/12/20	CG	SW8081B
Toxaphene	ND		150		ug/Kg	2	06/12/20	CG	SW8081B
QA/QC Surrogates									
% DCBP	62				%	2	06/12/20	CG	30 - 150 %
% DCBP (Confirmation)	56				%	2	06/12/20	CG	30 - 150 %
% TCMX	49				%	2	06/12/20	CG	30 - 150 %
% TCMX (Confirmation)	43				%	2	06/12/20	CG	30 - 150 %
Volatiles									
1,1,1,2-Tetrachloroethane	ND		6.7	1.3	ug/Kg	1	06/14/20	JLI	SW8260C
1,1,1-Trichloroethane	0.79	J	6.7	0.67	ug/Kg	1	06/14/20	JLI	SW8260C

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC2 (0-3)

Phoenix I.D.: CG11329

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
1,1,2,2-Tetrachloroethane	ND		490	98	ug/Kg	50	06/14/20	JLI	SW8260C	
1,1,2-Trichloroethane	ND		6.7	1.3	ug/Kg	1	06/14/20	JLI	SW8260C	
1,1-Dichloroethane	ND		6.7	1.3	ug/Kg	1	06/14/20	JLI	SW8260C	
1,1-Dichloroethene	ND		6.7	0.67	ug/Kg	1	06/14/20	JLI	SW8260C	
1,1-Dichloropropene	ND		6.7	0.67	ug/Kg	1	06/14/20	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		490	98	ug/Kg	50	06/14/20	JLI	SW8260C	
1,2,3-Trichloropropane	ND		490	49	ug/Kg	50	06/14/20	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		490	98	ug/Kg	50	06/14/20	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		490	49	ug/Kg	50	06/14/20	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		490	98	ug/Kg	50	06/14/20	JLI	SW8260C	
1,2-Dibromoethane	ND		6.7	0.67	ug/Kg	1	06/14/20	JLI	SW8260C	
1,2-Dichlorobenzene	ND		490	49	ug/Kg	50	06/14/20	JLI	SW8260C	
1,2-Dichloroethane	ND		6.7	0.67	ug/Kg	1	06/14/20	JLI	SW8260C	
1,2-Dichloropropane	ND		6.7	1.3	ug/Kg	1	06/14/20	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		490	49	ug/Kg	50	06/14/20	JLI	SW8260C	
1,3-Dichlorobenzene	ND		490	49	ug/Kg	50	06/14/20	JLI	SW8260C	
1,3-Dichloropropane	ND		6.7	1.3	ug/Kg	1	06/14/20	JLI	SW8260C	
1,4-Dichlorobenzene	ND		490	49	ug/Kg	50	06/14/20	JLI	SW8260C	
2,2-Dichloropropane	ND		6.7	0.67	ug/Kg	1	06/14/20	JLI	SW8260C	
2-Chlorotoluene	ND		490	98	ug/Kg	50	06/14/20	JLI	SW8260C	
2-Hexanone	ND		34	6.7	ug/Kg	1	06/14/20	JLI	SW8260C	
2-Isopropyltoluene	ND		490	49	ug/Kg	50	06/14/20	JLI	SW8260C	1
4-Chlorotoluene	ND		490	49	ug/Kg	50	06/14/20	JLI	SW8260C	
4-Methyl-2-pentanone	ND		34	6.7	ug/Kg	1	06/14/20	JLI	SW8260C	
Acetone	15	JS	34	6.7	ug/Kg	1	06/14/20	JLI	SW8260C	
Acrylonitrile	ND		13	1.3	ug/Kg	1	06/14/20	JLI	SW8260C	
Benzene	ND		6.7	0.67	ug/Kg	1	06/14/20	JLI	SW8260C	
Bromobenzene	ND		490	49	ug/Kg	50	06/14/20	JLI	SW8260C	
Bromochloromethane	ND		6.7	0.67	ug/Kg	1	06/14/20	JLI	SW8260C	
Bromodichloromethane	ND		6.7	1.3	ug/Kg	1	06/14/20	JLI	SW8260C	
Bromoform	ND		6.7	1.3	ug/Kg	1	06/14/20	JLI	SW8260C	
Bromomethane	ND		6.7	2.7	ug/Kg	1	06/14/20	JLI	SW8260C	
Carbon Disulfide	ND		6.7	1.3	ug/Kg	1	06/14/20	JLI	SW8260C	
Carbon tetrachloride	ND		6.7	1.3	ug/Kg	1	06/14/20	JLI	SW8260C	
Chlorobenzene	ND		6.7	0.67	ug/Kg	1	06/14/20	JLI	SW8260C	
Chloroethane	ND		6.7	0.67	ug/Kg	1	06/14/20	JLI	SW8260C	
Chloroform	ND		6.7	0.67	ug/Kg	1	06/14/20	JLI	SW8260C	
Chloromethane	ND		6.7	1.3	ug/Kg	1	06/14/20	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		6.7	0.67	ug/Kg	1	06/14/20	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		6.7	0.67	ug/Kg	1	06/14/20	JLI	SW8260C	
Dibromochloromethane	ND		6.7	1.3	ug/Kg	1	06/14/20	JLI	SW8260C	
Dibromomethane	ND		6.7	1.3	ug/Kg	1	06/14/20	JLI	SW8260C	
Dichlorodifluoromethane	ND		6.7	0.67	ug/Kg	1	06/14/20	JLI	SW8260C	
Ethylbenzene	ND		6.7	0.67	ug/Kg	1	06/14/20	JLI	SW8260C	
Hexachlorobutadiene	ND		490	49	ug/Kg	50	06/14/20	JLI	SW8260C	
Isopropylbenzene	ND		490	49	ug/Kg	50	06/14/20	JLI	SW8260C	
m&p-Xylene	ND		6.7	1.3	ug/Kg	1	06/14/20	JLI	SW8260C	
Methyl Ethyl Ketone	ND		40	6.7	ug/Kg	1	06/14/20	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		13	1.3	ug/Kg	1	06/14/20	JLI	SW8260C	

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC2 (0-3)

Phoenix I.D.: CG11329

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Methylene chloride	ND	6.7	6.7	ug/Kg	1	06/14/20	JLI	SW8260C
Naphthalene	ND	490	98	ug/Kg	50	06/14/20	JLI	SW8260C
n-Butylbenzene	ND	490	49	ug/Kg	50	06/14/20	JLI	SW8260C
n-Propylbenzene	ND	490	98	ug/Kg	50	06/14/20	JLI	SW8260C
o-Xylene	ND	6.7	1.3	ug/Kg	1	06/14/20	JLI	SW8260C
p-Isopropyltoluene	ND	490	49	ug/Kg	50	06/14/20	JLI	SW8260C
sec-Butylbenzene	ND	490	49	ug/Kg	50	06/14/20	JLI	SW8260C
Styrene	ND	6.7	0.67	ug/Kg	1	06/14/20	JLI	SW8260C
tert-Butylbenzene	ND	490	49	ug/Kg	50	06/14/20	JLI	SW8260C
Tetrachloroethene	1100	490	98	ug/Kg	50	06/14/20	JLI	SW8260C
Tetrahydrofuran (THF)	ND	13	3.4	ug/Kg	1	06/14/20	JLI	SW8260C
Toluene	ND	6.7	0.67	ug/Kg	1	06/14/20	JLI	SW8260C
trans-1,2-Dichloroethene	ND	6.7	0.67	ug/Kg	1	06/14/20	JLI	SW8260C
trans-1,3-Dichloropropene	ND	6.7	0.67	ug/Kg	1	06/14/20	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	980	240	ug/Kg	50	06/14/20	JLI	SW8260C
Trichloroethene	ND	6.7	0.67	ug/Kg	1	06/14/20	JLI	SW8260C
Trichlorofluoromethane	ND	6.7	1.3	ug/Kg	1	06/14/20	JLI	SW8260C
Trichlorotrifluoroethane	ND	6.7	0.67	ug/Kg	1	06/14/20	JLI	SW8260C
Vinyl chloride	ND	6.7	0.67	ug/Kg	1	06/14/20	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	108			%	1	06/14/20	JLI	70 - 130 %
% Bromofluorobenzene	73			%	1	06/14/20	JLI	70 - 130 %
% Dibromofluoromethane	107			%	1	06/14/20	JLI	70 - 130 %
% Toluene-d8	101			%	1	06/14/20	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	101			%	50	06/14/20	JLI	70 - 130 %
% Bromofluorobenzene (50x)	97			%	50	06/14/20	JLI	70 - 130 %
% Dibromofluoromethane (50x)	93			%	50	06/14/20	JLI	70 - 130 %
% Toluene-d8 (50x)	99			%	50	06/14/20	JLI	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100		ug/kg	1	06/14/20	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	108			%	1	06/14/20	JLI	70 - 130 %
% Bromofluorobenzene	73			%	1	06/14/20	JLI	70 - 130 %
% Dibromofluoromethane	107			%	1	06/14/20	JLI	70 - 130 %
% Toluene-d8	101			%	1	06/14/20	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	27		ug/Kg	1	06/14/20	JLI	SW8260C
Acrolein	ND	6.7		ug/Kg	1	06/14/20	JLI	SW8260C
Acrylonitrile	ND	27		ug/Kg	1	06/14/20	JLI	SW8260C
Tert-butyl alcohol	ND	130		ug/Kg	1	06/14/20	JLI	SW8260C
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	1	06/12/20	WB	SW8270D
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	06/12/20	WB	SW8270D
1,2-Dichlorobenzene	ND	260	100	ug/Kg	1	06/12/20	WB	SW8270D
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	1	06/12/20	WB	SW8270D
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	06/12/20	WB	SW8270D
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	06/12/20	WB	SW8270D

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC2 (0-3)

Phoenix I.D.: CG11329

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
2,4,5-Trichlorophenol	ND		260	200	ug/Kg	1	06/12/20	WB	SW8270D	
2,4,6-Trichlorophenol	ND		190	120	ug/Kg	1	06/12/20	WB	SW8270D	
2,4-Dichlorophenol	ND		190	130	ug/Kg	1	06/12/20	WB	SW8270D	
2,4-Dimethylphenol	ND		260	92	ug/Kg	1	06/12/20	WB	SW8270D	
2,4-Dinitrophenol	ND		260	260	ug/Kg	1	06/12/20	WB	SW8270D	
2,4-Dinitrotoluene	ND		190	150	ug/Kg	1	06/12/20	WB	SW8270D	
2,6-Dinitrotoluene	ND		190	120	ug/Kg	1	06/12/20	WB	SW8270D	
2-Chloronaphthalene	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
2-Chlorophenol	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
2-Methylnaphthalene	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
2-Methylphenol (o-cresol)	ND		260	170	ug/Kg	1	06/12/20	WB	SW8270D	
2-Nitroaniline	ND		260	260	ug/Kg	1	06/12/20	WB	SW8270D	
2-Nitrophenol	ND		260	240	ug/Kg	1	06/12/20	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		260	150	ug/Kg	1	06/12/20	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND		190	180	ug/Kg	1	06/12/20	WB	SW8270D	
3-Nitroaniline	ND		370	740	ug/Kg	1	06/12/20	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND		220	74	ug/Kg	1	06/12/20	WB	SW8270D	
4-Bromophenyl phenyl ether	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chloro-3-methylphenol	ND		260	130	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chloroaniline	ND		300	170	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
4-Nitroaniline	ND		370	120	ug/Kg	1	06/12/20	WB	SW8270D	
4-Nitrophenol	ND		370	170	ug/Kg	1	06/12/20	WB	SW8270D	
Acenaphthene	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
Acenaphthylene	ND		260	100	ug/Kg	1	06/12/20	WB	SW8270D	
Acetophenone	ND		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Aniline	ND		300	300	ug/Kg	1	06/12/20	WB	SW8270D	
Anthracene	ND		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benz(a)anthracene	ND		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzidine	ND		370	220	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(a)pyrene	ND		190	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(b)fluoranthene	ND		260	130	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(ghi)perylene	ND		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(k)fluoranthene	ND		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzoic acid	ND		1900	740	ug/Kg	1	06/12/20	WB	SW8270D	
Benzyl butyl phthalate	ND		260	96	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND		260	100	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroethyl)ether	ND		190	100	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND		260	100	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
Carbazole	ND		190	150	ug/Kg	1	06/12/20	WB	SW8270D	
Chrysene	ND		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Dibenz(a,h)anthracene	ND		190	120	ug/Kg	1	06/12/20	WB	SW8270D	
Dibenzofuran	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
Diethyl phthalate	ND		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Dimethylphthalate	ND		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Di-n-butylphthalate	ND		260	99	ug/Kg	1	06/12/20	WB	SW8270D	
Di-n-octylphthalate	ND		260	96	ug/Kg	1	06/12/20	WB	SW8270D	
Fluoranthene	170	J	260	120	ug/Kg	1	06/12/20	WB	SW8270D	

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC2 (0-3)

Phoenix I.D.: CG11329

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
Fluorene	ND		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorobenzene	ND		190	110	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorobutadiene	ND		260	130	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorocyclopentadiene	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachloroethane	ND		190	110	ug/Kg	1	06/12/20	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	ND		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Isophorone	ND		190	100	ug/Kg	1	06/12/20	WB	SW8270D	
Naphthalene	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
Nitrobenzene	ND		190	130	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodimethylamine	ND		260	100	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND		190	120	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodiphenylamine	ND		260	140	ug/Kg	1	06/12/20	WB	SW8270D	
Pentachloronitrobenzene	ND		260	140	ug/Kg	1	06/12/20	WB	SW8270D	
Pentachlorophenol	ND		220	140	ug/Kg	1	06/12/20	WB	SW8270D	
Phenanthrene	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
Phenol	ND		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Pyrene	160	J	260	130	ug/Kg	1	06/12/20	WB	SW8270D	
Pyridine	ND		260	91	ug/Kg	1	06/12/20	WB	SW8270D	
QA/QC Surrogates										
% 2,4,6-Tribromophenol	83				%	1	06/12/20	WB	30 - 130 %	
% 2-Fluorobiphenyl	60				%	1	06/12/20	WB	30 - 130 %	
% 2-Fluorophenol	47				%	1	06/12/20	WB	30 - 130 %	
% Nitrobenzene-d5	49				%	1	06/12/20	WB	30 - 130 %	
% Phenol-d5	60				%	1	06/12/20	WB	30 - 130 %	
% Terphenyl-d14	77				%	1	06/12/20	WB	30 - 130 %	
Field Extraction	Completed						06/10/20		SW5035A	1

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

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

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

Comments:

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

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

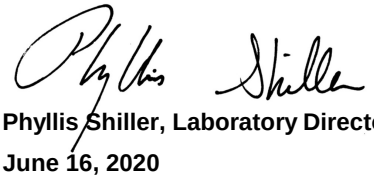
Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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

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

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
June 16, 2020
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Reference 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

June 16, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TB	06/10/20	
Location Code:	EBC	Received by:	CP	06/11/20	15:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG11328
Phoenix ID: CG11330

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC3 (0-2)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.34	0.34		mg/Kg	1	06/12/20	TH	SW6010D
Aluminum	8890	34		mg/Kg	10	06/12/20	TH	SW6010D
Arsenic	4.28	0.69		mg/Kg	1	06/12/20	TH	SW6010D
Barium	84.1	0.7		mg/Kg	1	06/12/20	TH	SW6010D
Beryllium	0.57	0.27		mg/Kg	1	06/12/20	TH	SW6010D
Calcium	28200	34		mg/Kg	10	06/12/20	TH	SW6010D
Cadmium	0.67	0.34		mg/Kg	1	06/12/20	TH	SW6010D
Cobalt	7.91	0.34		mg/Kg	1	06/12/20	TH	SW6010D
Chromium	15.0	0.34		mg/Kg	1	06/12/20	TH	SW6010D
Copper	31.3	0.7		mg/kg	1	06/12/20	TH	SW6010D
Iron	15200	34		mg/Kg	10	06/12/20	TH	SW6010D
Mercury	0.37	0.13		mg/Kg	10	06/12/20	RS	SW7471B
Potassium	1550	7		mg/Kg	1	06/12/20	TH	SW6010D
Magnesium	7180	34		mg/Kg	10	06/12/20	TH	SW6010D
Manganese	315	3.4		mg/Kg	10	06/12/20	TH	SW6010D
Sodium	818	7		mg/Kg	1	06/12/20	TH	SW6010D
Nickel	14.3	0.34		mg/Kg	1	06/12/20	TH	SW6010D
Lead	96.7	0.7		mg/Kg	1	06/12/20	TH	SW6010D
Antimony	< 3.4	3.4		mg/Kg	1	06/12/20	TH	SW6010D
Selenium	< 1.4	1.4		mg/Kg	1	06/12/20	TH	SW6010D
Thallium	< 1.4	1.4		mg/Kg	1	06/12/20	TH	SW6010D
Vanadium	25.6	0.34		mg/Kg	1	06/12/20	TH	SW6010D
Zinc	55.7	0.7		mg/Kg	1	06/12/20	TH	SW6010D
Percent Solid	91			%		06/11/20	JS	SW846-%Solid
Soil Extraction for PCB	Completed					06/11/20	LL/AA	SW3545A
Soil Extraction for Pesticides	Completed					06/11/20	LL/AA	SW3545A
Mercury Digestion	Completed					06/12/20	VT/VT	SW7471B
Soil Extraction for SVOA	Completed					06/11/20	KK/MA	SW3546

Ver 1

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC3 (0-2)

Phoenix I.D.: CG11330

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Total Metals Digest	Completed						06/11/20	B/AG	SW3050B
Polychlorinated Biphenyls									
PCB-1016	ND		72	72	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1221	ND		72	72	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1232	ND		72	72	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1242	ND		72	72	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1248	ND		72	72	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1254	ND		72	72	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1260	ND		72	72	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1262	ND		72	72	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1268	ND		72	72	ug/Kg	2	06/15/20	SC	SW8082A
QA/QC Surrogates									
% DCBP	41				%	2	06/15/20	SC	30 - 150 %
% DCBP (Confirmation)	40				%	2	06/15/20	SC	30 - 150 %
% TCMX	38				%	2	06/15/20	SC	30 - 150 %
% TCMX (Confirmation)	38				%	2	06/15/20	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		2.2		ug/Kg	2	06/12/20	CG	SW8081B
4,4' -DDE	ND		2.2		ug/Kg	2	06/12/20	CG	SW8081B
4,4' -DDT	ND		2.2		ug/Kg	2	06/12/20	CG	SW8081B
a-BHC	ND		7.2		ug/Kg	2	06/12/20	CG	SW8081B
a-Chlordane	ND		3.6		ug/Kg	2	06/12/20	CG	SW8081B
Aldrin	ND		3.6		ug/Kg	2	06/12/20	CG	SW8081B
b-BHC	ND		7.2		ug/Kg	2	06/12/20	CG	SW8081B
Chlordane	ND		36		ug/Kg	2	06/12/20	CG	SW8081B
d-BHC	ND		7.2		ug/Kg	2	06/12/20	CG	SW8081B
Dieldrin	ND		3.6		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan I	ND		7.2		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan II	ND		7.2		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan sulfate	ND		7.2		ug/Kg	2	06/12/20	CG	SW8081B
Endrin	ND		7.2		ug/Kg	2	06/12/20	CG	SW8081B
Endrin aldehyde	ND		7.2		ug/Kg	2	06/12/20	CG	SW8081B
Endrin ketone	ND		7.2		ug/Kg	2	06/12/20	CG	SW8081B
g-BHC	ND		1.4		ug/Kg	2	06/12/20	CG	SW8081B
g-Chlordane	ND		3.6		ug/Kg	2	06/12/20	CG	SW8081B
Heptachlor	ND		7.2		ug/Kg	2	06/12/20	CG	SW8081B
Heptachlor epoxide	ND		7.2		ug/Kg	2	06/12/20	CG	SW8081B
Methoxychlor	ND		36		ug/Kg	2	06/12/20	CG	SW8081B
Toxaphene	ND		140		ug/Kg	2	06/12/20	CG	SW8081B
QA/QC Surrogates									
% DCBP	50				%	2	06/12/20	CG	30 - 150 %
% DCBP (Confirmation)	46				%	2	06/12/20	CG	30 - 150 %
% TCMX	41				%	2	06/12/20	CG	30 - 150 %
% TCMX (Confirmation)	40				%	2	06/12/20	CG	30 - 150 %
Volatiles									
1,1,1,2-Tetrachloroethane	ND		7.9	1.6	ug/Kg	1	06/14/20	JLI	SW8260C
1,1,1-Trichloroethane	72	J	330	33	ug/Kg	50	06/13/20	JLI	SW8260C

Ver 1

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC3 (0-2)

Phoenix I.D.: CG11330

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
1,1,2,2-Tetrachloroethane	ND		330	66	ug/Kg	50	06/13/20	JLI	SW8260C	
1,1,2-Trichloroethane	ND		7.9	1.6	ug/Kg	1	06/14/20	JLI	SW8260C	
1,1-Dichloroethane	ND		7.9	1.6	ug/Kg	1	06/14/20	JLI	SW8260C	
1,1-Dichloroethene	ND		7.9	0.79	ug/Kg	1	06/14/20	JLI	SW8260C	
1,1-Dichloropropene	ND		7.9	0.79	ug/Kg	1	06/14/20	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		330	66	ug/Kg	50	06/13/20	JLI	SW8260C	
1,2,3-Trichloropropane	ND		330	33	ug/Kg	50	06/13/20	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		330	66	ug/Kg	50	06/13/20	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		330	33	ug/Kg	50	06/13/20	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		330	66	ug/Kg	50	06/13/20	JLI	SW8260C	
1,2-Dibromoethane	ND		7.9	0.79	ug/Kg	1	06/14/20	JLI	SW8260C	
1,2-Dichlorobenzene	ND		330	33	ug/Kg	50	06/13/20	JLI	SW8260C	
1,2-Dichloroethane	ND		7.9	0.79	ug/Kg	1	06/14/20	JLI	SW8260C	
1,2-Dichloropropane	ND		7.9	1.6	ug/Kg	1	06/14/20	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		330	33	ug/Kg	50	06/13/20	JLI	SW8260C	
1,3-Dichlorobenzene	ND		330	33	ug/Kg	50	06/13/20	JLI	SW8260C	
1,3-Dichloropropane	ND		7.9	1.6	ug/Kg	1	06/14/20	JLI	SW8260C	
1,4-Dichlorobenzene	ND		330	33	ug/Kg	50	06/13/20	JLI	SW8260C	
2,2-Dichloropropane	ND		7.9	0.79	ug/Kg	1	06/14/20	JLI	SW8260C	
2-Chlorotoluene	ND		330	66	ug/Kg	50	06/13/20	JLI	SW8260C	
2-Hexanone	ND		40	7.9	ug/Kg	1	06/14/20	JLI	SW8260C	
2-Isopropyltoluene	ND		330	33	ug/Kg	50	06/13/20	JLI	SW8260C	1
4-Chlorotoluene	ND		330	33	ug/Kg	50	06/13/20	JLI	SW8260C	
4-Methyl-2-pentanone	ND		40	7.9	ug/Kg	1	06/14/20	JLI	SW8260C	
Acetone	9.1	JS	40	7.9	ug/Kg	1	06/14/20	JLI	SW8260C	
Acrylonitrile	ND		16	1.6	ug/Kg	1	06/14/20	JLI	SW8260C	
Benzene	57	J	60	33	ug/Kg	50	06/13/20	JLI	SW8260C	
Bromobenzene	ND		330	33	ug/Kg	50	06/13/20	JLI	SW8260C	
Bromochloromethane	ND		7.9	0.79	ug/Kg	1	06/14/20	JLI	SW8260C	
Bromodichloromethane	ND		7.9	1.6	ug/Kg	1	06/14/20	JLI	SW8260C	
Bromoform	ND		7.9	1.6	ug/Kg	1	06/14/20	JLI	SW8260C	
Bromomethane	ND		7.9	3.2	ug/Kg	1	06/14/20	JLI	SW8260C	
Carbon Disulfide	ND		7.9	1.6	ug/Kg	1	06/14/20	JLI	SW8260C	
Carbon tetrachloride	ND		7.9	1.6	ug/Kg	1	06/14/20	JLI	SW8260C	
Chlorobenzene	ND		7.9	0.79	ug/Kg	1	06/14/20	JLI	SW8260C	
Chloroethane	ND		7.9	0.79	ug/Kg	1	06/14/20	JLI	SW8260C	
Chloroform	ND		7.9	0.79	ug/Kg	1	06/14/20	JLI	SW8260C	
Chloromethane	ND		7.9	1.6	ug/Kg	1	06/14/20	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		7.9	0.79	ug/Kg	1	06/14/20	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		7.9	0.79	ug/Kg	1	06/14/20	JLI	SW8260C	
Dibromochloromethane	ND		7.9	1.6	ug/Kg	1	06/14/20	JLI	SW8260C	
Dibromomethane	ND		7.9	1.6	ug/Kg	1	06/14/20	JLI	SW8260C	
Dichlorodifluoromethane	ND		7.9	0.79	ug/Kg	1	06/14/20	JLI	SW8260C	
Ethylbenzene	ND		7.9	0.79	ug/Kg	1	06/14/20	JLI	SW8260C	
Hexachlorobutadiene	ND		330	33	ug/Kg	50	06/13/20	JLI	SW8260C	
Isopropylbenzene	ND		330	33	ug/Kg	50	06/13/20	JLI	SW8260C	
m&p-Xylene	ND		7.9	1.6	ug/Kg	1	06/14/20	JLI	SW8260C	
Methyl Ethyl Ketone	ND		47	7.9	ug/Kg	1	06/14/20	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		16	1.6	ug/Kg	1	06/14/20	JLI	SW8260C	

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC3 (0-2)

Phoenix I.D.: CG11330

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Methylene chloride	ND		7.9	7.9	ug/Kg	1	06/14/20	JLI	SW8260C
Naphthalene	ND		330	66	ug/Kg	50	06/13/20	JLI	SW8260C
n-Butylbenzene	ND		330	33	ug/Kg	50	06/13/20	JLI	SW8260C
n-Propylbenzene	ND		330	66	ug/Kg	50	06/13/20	JLI	SW8260C
o-Xylene	ND		7.9	1.6	ug/Kg	1	06/14/20	JLI	SW8260C
p-Isopropyltoluene	ND		330	33	ug/Kg	50	06/13/20	JLI	SW8260C
sec-Butylbenzene	ND		330	33	ug/Kg	50	06/13/20	JLI	SW8260C
Styrene	ND		7.9	0.79	ug/Kg	1	06/14/20	JLI	SW8260C
tert-Butylbenzene	ND		330	33	ug/Kg	50	06/13/20	JLI	SW8260C
Tetrachloroethene	2500		330	66	ug/Kg	50	06/13/20	JLI	SW8260C
Tetrahydrofuran (THF)	ND		16	4.0	ug/Kg	1	06/14/20	JLI	SW8260C
Toluene	93	J	330	33	ug/Kg	50	06/13/20	JLI	SW8260C
trans-1,2-Dichloroethene	ND		7.9	0.79	ug/Kg	1	06/14/20	JLI	SW8260C
trans-1,3-Dichloropropene	ND		7.9	0.79	ug/Kg	1	06/14/20	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND		660	170	ug/Kg	50	06/13/20	JLI	SW8260C
Trichloroethene	ND		7.9	0.79	ug/Kg	1	06/14/20	JLI	SW8260C
Trichlorofluoromethane	ND		7.9	1.6	ug/Kg	1	06/14/20	JLI	SW8260C
Trichlorotrifluoroethane	ND		7.9	0.79	ug/Kg	1	06/14/20	JLI	SW8260C
Vinyl chloride	ND		7.9	0.79	ug/Kg	1	06/14/20	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	111				%	1	06/14/20	JLI	70 - 130 %
% Bromofluorobenzene	75				%	1	06/14/20	JLI	70 - 130 %
% Dibromofluoromethane	109				%	1	06/14/20	JLI	70 - 130 %
% Toluene-d8	95				%	1	06/14/20	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	101				%	50	06/13/20	JLI	70 - 130 %
% Bromofluorobenzene (50x)	97				%	50	06/13/20	JLI	70 - 130 %
% Dibromofluoromethane (50x)	90				%	50	06/13/20	JLI	70 - 130 %
% Toluene-d8 (50x)	99				%	50	06/13/20	JLI	70 - 130 %
1,4-dioxane									
1,4-dioxane	ND		100		ug/kg	1	06/14/20	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	111				%	1	06/14/20	JLI	70 - 130 %
% Bromofluorobenzene	75				%	1	06/14/20	JLI	70 - 130 %
% Dibromofluoromethane	109				%	1	06/14/20	JLI	70 - 130 %
% Toluene-d8	95				%	1	06/14/20	JLI	70 - 130 %
Volatiles									
1,1,1,2-Tetrachloroethane	ND		32		ug/Kg	1	06/14/20	JLI	SW8260C
Acrolein	ND		7.9		ug/Kg	1	06/14/20	JLI	SW8260C
Acrylonitrile	ND		32		ug/Kg	1	06/14/20	JLI	SW8260C
Tert-butyl alcohol	ND		160		ug/Kg	1	06/14/20	JLI	SW8260C
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND		250	130	ug/Kg	1	06/12/20	WB	SW8270D
1,2,4-Trichlorobenzene	ND		250	110	ug/Kg	1	06/12/20	WB	SW8270D
1,2-Dichlorobenzene	ND		250	100	ug/Kg	1	06/12/20	WB	SW8270D
1,2-Diphenylhydrazine	ND		250	120	ug/Kg	1	06/12/20	WB	SW8270D
1,3-Dichlorobenzene	ND		250	110	ug/Kg	1	06/12/20	WB	SW8270D
1,4-Dichlorobenzene	ND		250	110	ug/Kg	1	06/12/20	WB	SW8270D

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC3 (0-2)

Phoenix I.D.: CG11330

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
2,4,5-Trichlorophenol	ND		250	200	ug/Kg	1	06/12/20	WB	SW8270D	
2,4,6-Trichlorophenol	ND		180	120	ug/Kg	1	06/12/20	WB	SW8270D	
2,4-Dichlorophenol	ND		180	130	ug/Kg	1	06/12/20	WB	SW8270D	
2,4-Dimethylphenol	ND		250	90	ug/Kg	1	06/12/20	WB	SW8270D	
2,4-Dinitrophenol	ND		250	250	ug/Kg	1	06/12/20	WB	SW8270D	
2,4-Dinitrotoluene	ND		180	140	ug/Kg	1	06/12/20	WB	SW8270D	
2,6-Dinitrotoluene	ND		180	110	ug/Kg	1	06/12/20	WB	SW8270D	
2-Chloronaphthalene	ND		250	100	ug/Kg	1	06/12/20	WB	SW8270D	
2-Chlorophenol	ND		250	100	ug/Kg	1	06/12/20	WB	SW8270D	
2-Methylnaphthalene	240	J	250	110	ug/Kg	1	06/12/20	WB	SW8270D	
2-Methylphenol (o-cresol)	ND		250	170	ug/Kg	1	06/12/20	WB	SW8270D	
2-Nitroaniline	ND		250	250	ug/Kg	1	06/12/20	WB	SW8270D	
2-Nitrophenol	ND		250	230	ug/Kg	1	06/12/20	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		250	140	ug/Kg	1	06/12/20	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND		180	170	ug/Kg	1	06/12/20	WB	SW8270D	
3-Nitroaniline	ND		360	720	ug/Kg	1	06/12/20	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND		220	72	ug/Kg	1	06/12/20	WB	SW8270D	
4-Bromophenyl phenyl ether	ND		250	110	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chloro-3-methylphenol	ND		250	130	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chloroaniline	ND		290	170	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND		250	120	ug/Kg	1	06/12/20	WB	SW8270D	
4-Nitroaniline	ND		360	120	ug/Kg	1	06/12/20	WB	SW8270D	
4-Nitrophenol	ND		360	160	ug/Kg	1	06/12/20	WB	SW8270D	
Acenaphthene	420		250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Acenaphthylene	ND		250	100	ug/Kg	1	06/12/20	WB	SW8270D	
Acetophenone	ND		250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Aniline	ND		290	290	ug/Kg	1	06/12/20	WB	SW8270D	
Anthracene	620		250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benz(a)anthracene	1100		250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzidine	ND		360	210	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(a)pyrene	960		180	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(b)fluoranthene	730		250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(ghi)perylene	580		250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(k)fluoranthene	660		250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzoic acid	ND		1800	720	ug/Kg	1	06/12/20	WB	SW8270D	
Benzyl butyl phthalate	ND		250	93	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND		250	100	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroethyl)ether	ND		180	98	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND		250	100	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	ND		250	100	ug/Kg	1	06/12/20	WB	SW8270D	
Carbazole	320		180	140	ug/Kg	1	06/12/20	WB	SW8270D	
Chrysene	1200		250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Dibenz(a,h)anthracene	140	J	180	120	ug/Kg	1	06/12/20	WB	SW8270D	
Dibenzofuran	330		250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Diethyl phthalate	ND		250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Dimethylphthalate	ND		250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Di-n-butylphthalate	ND		250	96	ug/Kg	1	06/12/20	WB	SW8270D	
Di-n-octylphthalate	ND		250	93	ug/Kg	1	06/12/20	WB	SW8270D	
Fluoranthene	2600		250	120	ug/Kg	1	06/12/20	WB	SW8270D	

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC3 (0-2)

Phoenix I.D.: CG11330

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
Fluorene	340	250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorobenzene	ND	180	110	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorobutadiene	ND	250	130	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachloroethane	ND	180	110	ug/Kg	1	06/12/20	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	550	250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Isophorone	ND	180	100	ug/Kg	1	06/12/20	WB	SW8270D	
Naphthalene	410	250	100	ug/Kg	1	06/12/20	WB	SW8270D	
Nitrobenzene	ND	180	130	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodimethylamine	ND	250	100	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	180	120	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	06/12/20	WB	SW8270D	
Pentachloronitrobenzene	ND	250	130	ug/Kg	1	06/12/20	WB	SW8270D	
Pentachlorophenol	ND	220	140	ug/Kg	1	06/12/20	WB	SW8270D	
Phenanthrene	3000	250	100	ug/Kg	1	06/12/20	WB	SW8270D	
Phenol	ND	250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Pyrene	2400	250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Pyridine	ND	250	89	ug/Kg	1	06/12/20	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	76			%	1	06/12/20	WB	30 - 130 %	
% 2-Fluorobiphenyl	65			%	1	06/12/20	WB	30 - 130 %	
% 2-Fluorophenol	55			%	1	06/12/20	WB	30 - 130 %	
% Nitrobenzene-d5	59			%	1	06/12/20	WB	30 - 130 %	
% Phenol-d5	66			%	1	06/12/20	WB	30 - 130 %	
% Terphenyl-d14	85			%	1	06/12/20	WB	30 - 130 %	
Field Extraction	Completed					06/10/20		SW5035A	1

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

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

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

Comments:

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

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

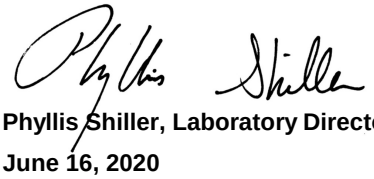
Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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

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

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
June 16, 2020
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Reference 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

June 16, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TB	06/10/20	
Location Code:	EBC	Received by:	CP	06/11/20	15:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG11328
Phoenix ID: CG11331

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC3 (10-12)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.36	0.36		mg/Kg	1	06/12/20	TH	SW6010D
Aluminum	3820	36		mg/Kg	10	06/12/20	TH	SW6010D
Arsenic	< 0.71	0.71		mg/Kg	1	06/12/20	TH	SW6010D
Barium	21.7	0.7		mg/Kg	1	06/12/20	TH	SW6010D
Beryllium	< 0.29	0.29		mg/Kg	1	06/12/20	TH	SW6010D
Calcium	1080	3.6		mg/Kg	1	06/12/20	TH	SW6010D
Cadmium	< 0.36	0.36		mg/Kg	1	06/12/20	TH	SW6010D
Cobalt	3.63	0.36		mg/Kg	1	06/12/20	TH	SW6010D
Chromium	7.75	0.36		mg/Kg	1	06/12/20	TH	SW6010D
Copper	9.9	0.7		mg/kg	1	06/12/20	TH	SW6010D
Iron	6720	3.6		mg/Kg	1	06/12/20	TH	SW6010D
Mercury	< 0.03	0.03		mg/Kg	2	06/12/20	RS	SW7471B
Potassium	693	7		mg/Kg	1	06/12/20	TH	SW6010D
Magnesium	1610	3.6		mg/Kg	1	06/12/20	TH	SW6010D
Manganese	109	0.36		mg/Kg	1	06/12/20	TH	SW6010D
Sodium	103	7		mg/Kg	1	06/12/20	TH	SW6010D
Nickel	6.70	0.36		mg/Kg	1	06/12/20	TH	SW6010D
Lead	1.8	0.7		mg/Kg	1	06/12/20	TH	SW6010D
Antimony	< 3.6	3.6		mg/Kg	1	06/12/20	TH	SW6010D
Selenium	< 1.4	1.4		mg/Kg	1	06/12/20	TH	SW6010D
Thallium	< 1.4	1.4		mg/Kg	1	06/12/20	TH	SW6010D
Vanadium	10.1	0.36		mg/Kg	1	06/12/20	TH	SW6010D
Zinc	12.9	0.7		mg/Kg	1	06/12/20	TH	SW6010D
Percent Solid	91			%		06/11/20	JS	SW846-%Solid
Soil Extraction for PCB	Completed					06/11/20	LL/AA	SW3545A
Soil Extraction for Pesticides	Completed					06/11/20	LL/AA	SW3545A
Mercury Digestion	Completed					06/12/20	VT/VT	SW7471B
Soil Extraction for SVOA	Completed					06/11/20	KK/MA	SW3546

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Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC3 (10-12)

Phoenix I.D.: CG11331

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Total Metals Digest	Completed					06/11/20	B/AG	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	73	73	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1221	ND	73	73	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1232	ND	73	73	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1242	ND	73	73	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1248	ND	73	73	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1254	ND	73	73	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1260	ND	73	73	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1262	ND	73	73	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1268	ND	73	73	ug/Kg	2	06/15/20	SC	SW8082A
QA/QC Surrogates								
% DCBP	72			%	2	06/15/20	SC	30 - 150 %
% DCBP (Confirmation)	65			%	2	06/15/20	SC	30 - 150 %
% TCMX	58			%	2	06/15/20	SC	30 - 150 %
% TCMX (Confirmation)	60			%	2	06/15/20	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.2		ug/Kg	2	06/12/20	CG	SW8081B
4,4' -DDE	ND	2.2		ug/Kg	2	06/12/20	CG	SW8081B
4,4' -DDT	ND	2.2		ug/Kg	2	06/12/20	CG	SW8081B
a-BHC	ND	7.3		ug/Kg	2	06/12/20	CG	SW8081B
a-Chlordane	ND	3.6		ug/Kg	2	06/12/20	CG	SW8081B
Aldrin	ND	3.6		ug/Kg	2	06/12/20	CG	SW8081B
b-BHC	ND	7.3		ug/Kg	2	06/12/20	CG	SW8081B
Chlordane	ND	36		ug/Kg	2	06/12/20	CG	SW8081B
d-BHC	ND	7.3		ug/Kg	2	06/12/20	CG	SW8081B
Dieldrin	ND	3.6		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan I	ND	7.3		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan II	ND	7.3		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan sulfate	ND	7.3		ug/Kg	2	06/12/20	CG	SW8081B
Endrin	ND	7.3		ug/Kg	2	06/12/20	CG	SW8081B
Endrin aldehyde	ND	7.3		ug/Kg	2	06/12/20	CG	SW8081B
Endrin ketone	ND	7.3		ug/Kg	2	06/12/20	CG	SW8081B
g-BHC	ND	1.5		ug/Kg	2	06/12/20	CG	SW8081B
g-Chlordane	ND	3.6		ug/Kg	2	06/12/20	CG	SW8081B
Heptachlor	ND	7.3		ug/Kg	2	06/12/20	CG	SW8081B
Heptachlor epoxide	ND	7.3		ug/Kg	2	06/12/20	CG	SW8081B
Methoxychlor	ND	36		ug/Kg	2	06/12/20	CG	SW8081B
Toxaphene	ND	150		ug/Kg	2	06/12/20	CG	SW8081B
QA/QC Surrogates								
% DCBP	63			%	2	06/12/20	CG	30 - 150 %
% DCBP (Confirmation)	69			%	2	06/12/20	CG	30 - 150 %
% TCMX	48			%	2	06/12/20	CG	30 - 150 %
% TCMX (Confirmation)	52			%	2	06/12/20	CG	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.2	1.0	ug/Kg	1	06/13/20	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.2	0.52	ug/Kg	1	06/13/20	JLI	SW8260C

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC3 (10-12)

Phoenix I.D.: CG11331

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
1,1,2,2-Tetrachloroethane	ND	5.2	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1,2-Trichloroethane	ND	5.2	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1-Dichloroethane	ND	5.2	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1-Dichloroethene	ND	5.2	0.52	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1-Dichloropropene	ND	5.2	0.52	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	5.2	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,3-Trichloropropane	ND	5.2	0.52	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	5.2	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	5.2	0.52	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	5.2	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dibromoethane	ND	5.2	0.52	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dichlorobenzene	ND	5.2	0.52	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dichloroethane	ND	5.2	0.52	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dichloropropane	ND	5.2	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	5.2	0.52	ug/Kg	1	06/13/20	JLI	SW8260C	
1,3-Dichlorobenzene	ND	5.2	0.52	ug/Kg	1	06/13/20	JLI	SW8260C	
1,3-Dichloropropane	ND	5.2	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
1,4-Dichlorobenzene	ND	5.2	0.52	ug/Kg	1	06/13/20	JLI	SW8260C	
2,2-Dichloropropane	ND	5.2	0.52	ug/Kg	1	06/13/20	JLI	SW8260C	
2-Chlorotoluene	ND	5.2	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
2-Hexanone	ND	26	5.2	ug/Kg	1	06/13/20	JLI	SW8260C	
2-Isopropyltoluene	ND	5.2	0.52	ug/Kg	1	06/13/20	JLI	SW8260C	1
4-Chlorotoluene	ND	5.2	0.52	ug/Kg	1	06/13/20	JLI	SW8260C	
4-Methyl-2-pentanone	ND	26	5.2	ug/Kg	1	06/13/20	JLI	SW8260C	
Acetone	ND	26	5.2	ug/Kg	1	06/13/20	JLI	SW8260C	
Acrylonitrile	ND	10	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
Benzene	ND	5.2	0.52	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromobenzene	ND	5.2	0.52	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromochloromethane	ND	5.2	0.52	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromodichloromethane	ND	5.2	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromoform	ND	5.2	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromomethane	ND	5.2	2.1	ug/Kg	1	06/13/20	JLI	SW8260C	
Carbon Disulfide	ND	5.2	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
Carbon tetrachloride	ND	5.2	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
Chlorobenzene	ND	5.2	0.52	ug/Kg	1	06/13/20	JLI	SW8260C	
Chloroethane	ND	5.2	0.52	ug/Kg	1	06/13/20	JLI	SW8260C	
Chloroform	ND	5.2	0.52	ug/Kg	1	06/13/20	JLI	SW8260C	
Chloromethane	ND	5.2	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	5.2	0.52	ug/Kg	1	06/13/20	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	5.2	0.52	ug/Kg	1	06/13/20	JLI	SW8260C	
Dibromochloromethane	ND	5.2	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
Dibromomethane	ND	5.2	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
Dichlorodifluoromethane	ND	5.2	0.52	ug/Kg	1	06/13/20	JLI	SW8260C	
Ethylbenzene	ND	5.2	0.52	ug/Kg	1	06/13/20	JLI	SW8260C	
Hexachlorobutadiene	ND	5.2	0.52	ug/Kg	1	06/13/20	JLI	SW8260C	
Isopropylbenzene	ND	5.2	0.52	ug/Kg	1	06/13/20	JLI	SW8260C	
m&p-Xylene	ND	5.2	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
Methyl Ethyl Ketone	ND	31	5.2	ug/Kg	1	06/13/20	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	10	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Methylene chloride	ND	5.2	5.2	ug/Kg	1	06/13/20	JLI	SW8260C
Naphthalene	ND	5.2	1.0	ug/Kg	1	06/13/20	JLI	SW8260C
n-Butylbenzene	ND	5.2	0.52	ug/Kg	1	06/13/20	JLI	SW8260C
n-Propylbenzene	ND	5.2	1.0	ug/Kg	1	06/13/20	JLI	SW8260C
o-Xylene	ND	5.2	1.0	ug/Kg	1	06/13/20	JLI	SW8260C
p-Isopropyltoluene	ND	5.2	0.52	ug/Kg	1	06/13/20	JLI	SW8260C
sec-Butylbenzene	ND	5.2	0.52	ug/Kg	1	06/13/20	JLI	SW8260C
Styrene	ND	5.2	0.52	ug/Kg	1	06/13/20	JLI	SW8260C
tert-Butylbenzene	ND	5.2	0.52	ug/Kg	1	06/13/20	JLI	SW8260C
Tetrachloroethene	ND	5.2	1.0	ug/Kg	1	06/13/20	JLI	SW8260C
Tetrahydrofuran (THF)	ND	10	2.6	ug/Kg	1	06/13/20	JLI	SW8260C
Toluene	ND	5.2	0.52	ug/Kg	1	06/13/20	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.2	0.52	ug/Kg	1	06/13/20	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.2	0.52	ug/Kg	1	06/13/20	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	10	2.6	ug/Kg	1	06/13/20	JLI	SW8260C
Trichloroethene	ND	5.2	0.52	ug/Kg	1	06/13/20	JLI	SW8260C
Trichlorofluoromethane	ND	5.2	1.0	ug/Kg	1	06/13/20	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.2	0.52	ug/Kg	1	06/13/20	JLI	SW8260C
Vinyl chloride	ND	5.2	0.52	ug/Kg	1	06/13/20	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	1	06/13/20	JLI	70 - 130 %
% Bromofluorobenzene	97			%	1	06/13/20	JLI	70 - 130 %
% Dibromofluoromethane	93			%	1	06/13/20	JLI	70 - 130 %
% Toluene-d8	100			%	1	06/13/20	JLI	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	77		ug/kg	1	06/13/20	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	1	06/13/20	JLI	70 - 130 %
% Bromofluorobenzene	97			%	1	06/13/20	JLI	70 - 130 %
% Dibromofluoromethane	93			%	1	06/13/20	JLI	70 - 130 %
% Toluene-d8	100			%	1	06/13/20	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	21		ug/Kg	1	06/13/20	JLI	SW8260C
Acrolein	ND	5.2		ug/Kg	1	06/13/20	JLI	SW8260C
Acrylonitrile	ND	21		ug/Kg	1	06/13/20	JLI	SW8260C
Tert-butyl alcohol	ND	100		ug/Kg	1	06/13/20	JLI	SW8260C
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	1	06/12/20	WB	SW8270D
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	06/12/20	WB	SW8270D
1,2-Dichlorobenzene	ND	250	100	ug/Kg	1	06/12/20	WB	SW8270D
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	1	06/12/20	WB	SW8270D
1,3-Dichlorobenzene	ND	250	110	ug/Kg	1	06/12/20	WB	SW8270D
1,4-Dichlorobenzene	ND	250	110	ug/Kg	1	06/12/20	WB	SW8270D
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	1	06/12/20	WB	SW8270D
2,4,6-Trichlorophenol	ND	180	120	ug/Kg	1	06/12/20	WB	SW8270D
2,4-Dichlorophenol	ND	180	130	ug/Kg	1	06/12/20	WB	SW8270D
2,4-Dimethylphenol	ND	250	89	ug/Kg	1	06/12/20	WB	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
2,4-Dinitrophenol	ND	250	250	ug/Kg	1	06/12/20	WB	SW8270D	
2,4-Dinitrotoluene	ND	180	140	ug/Kg	1	06/12/20	WB	SW8270D	
2,6-Dinitrotoluene	ND	180	110	ug/Kg	1	06/12/20	WB	SW8270D	
2-Chloronaphthalene	ND	250	100	ug/Kg	1	06/12/20	WB	SW8270D	
2-Chlorophenol	ND	250	100	ug/Kg	1	06/12/20	WB	SW8270D	
2-Methylnaphthalene	ND	250	110	ug/Kg	1	06/12/20	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	1	06/12/20	WB	SW8270D	
2-Nitroaniline	ND	250	250	ug/Kg	1	06/12/20	WB	SW8270D	
2-Nitrophenol	ND	250	230	ug/Kg	1	06/12/20	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	1	06/12/20	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	180	170	ug/Kg	1	06/12/20	WB	SW8270D	
3-Nitroaniline	ND	360	720	ug/Kg	1	06/12/20	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	220	72	ug/Kg	1	06/12/20	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	250	110	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chloroaniline	ND	290	170	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	1	06/12/20	WB	SW8270D	
4-Nitroaniline	ND	360	120	ug/Kg	1	06/12/20	WB	SW8270D	
4-Nitrophenol	ND	360	160	ug/Kg	1	06/12/20	WB	SW8270D	
Acenaphthene	ND	250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Acenaphthylene	ND	250	100	ug/Kg	1	06/12/20	WB	SW8270D	
Acetophenone	ND	250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Aniline	ND	290	290	ug/Kg	1	06/12/20	WB	SW8270D	
Anthracene	ND	250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benz(a)anthracene	ND	250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzidine	ND	360	210	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(a)pyrene	ND	180	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(b)fluoranthene	ND	250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(ghi)perylene	ND	250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(k)fluoranthene	ND	250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzoic acid	ND	1800	720	ug/Kg	1	06/12/20	WB	SW8270D	
Benzyl butyl phthalate	ND	250	93	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	250	99	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroethyl)ether	ND	180	97	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND	250	100	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	1	06/12/20	WB	SW8270D	
Carbazole	ND	180	140	ug/Kg	1	06/12/20	WB	SW8270D	
Chrysene	ND	250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Dibenz(a,h)anthracene	ND	180	120	ug/Kg	1	06/12/20	WB	SW8270D	
Dibenzofuran	ND	250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Diethyl phthalate	ND	250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Dimethylphthalate	ND	250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Di-n-butylphthalate	ND	250	96	ug/Kg	1	06/12/20	WB	SW8270D	
Di-n-octylphthalate	ND	250	93	ug/Kg	1	06/12/20	WB	SW8270D	
Fluoranthene	ND	250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Fluorene	ND	250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorobenzene	ND	180	110	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorobutadiene	ND	250	130	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	1	06/12/20	WB	SW8270D	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
Hexachloroethane	ND	180	110	ug/Kg	1	06/12/20	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Isophorone	ND	180	100	ug/Kg	1	06/12/20	WB	SW8270D	
Naphthalene	ND	250	100	ug/Kg	1	06/12/20	WB	SW8270D	
Nitrobenzene	ND	180	130	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodimethylamine	ND	250	100	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	180	120	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	06/12/20	WB	SW8270D	
Pentachloronitrobenzene	ND	250	130	ug/Kg	1	06/12/20	WB	SW8270D	
Pentachlorophenol	ND	220	140	ug/Kg	1	06/12/20	WB	SW8270D	
Phenanthrene	ND	250	100	ug/Kg	1	06/12/20	WB	SW8270D	
Phenol	ND	250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Pyrene	ND	250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Pyridine	ND	250	89	ug/Kg	1	06/12/20	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	93			%	1	06/12/20	WB	30 - 130 %	
% 2-Fluorobiphenyl	59			%	1	06/12/20	WB	30 - 130 %	
% 2-Fluorophenol	56			%	1	06/12/20	WB	30 - 130 %	
% Nitrobenzene-d5	55			%	1	06/12/20	WB	30 - 130 %	
% Phenol-d5	63			%	1	06/12/20	WB	30 - 130 %	
% Terphenyl-d14	86			%	1	06/12/20	WB	30 - 130 %	
Field Extraction	Completed					06/10/20		SW5035A	1

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

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

Comments:

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

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

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
June 16, 2020
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Reference 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

June 16, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TB	06/10/20	
Location Code:	EBC	Received by:	CP	06/11/20	15:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG11328
Phoenix ID: CG11332

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC4 (0-2)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.38	0.38		mg/Kg	1	06/12/20	TH	SW6010D
Aluminum	7990	38		mg/Kg	10	06/12/20	TH	SW6010D
Arsenic	7.10	0.76		mg/Kg	1	06/12/20	TH	SW6010D
Barium	106	0.8		mg/Kg	1	06/12/20	TH	SW6010D
Beryllium	0.55	0.30		mg/Kg	1	06/12/20	TH	SW6010D
Calcium	36100	38		mg/Kg	10	06/12/20	TH	SW6010D
Cadmium	4.36	0.38		mg/Kg	1	06/12/20	TH	SW6010D
Cobalt	6.71	0.38		mg/Kg	1	06/12/20	TH	SW6010D
Chromium	15.9	0.38		mg/Kg	1	06/12/20	TH	SW6010D
Copper	42.9	0.8		mg/kg	1	06/12/20	TH	SW6010D
Iron	16900	38		mg/Kg	10	06/12/20	TH	SW6010D
Mercury	0.35	0.07		mg/Kg	5	06/12/20	RS	SW7471B
Potassium	1800	8		mg/Kg	1	06/12/20	TH	SW6010D
Magnesium	10500	38		mg/Kg	10	06/12/20	TH	SW6010D
Manganese	349	3.8		mg/Kg	10	06/12/20	TH	SW6010D
Sodium	884	8		mg/Kg	1	06/12/20	TH	SW6010D
Nickel	13.7	0.38		mg/Kg	1	06/12/20	TH	SW6010D
Lead	167	0.8		mg/Kg	1	06/12/20	TH	SW6010D
Antimony	< 3.8	3.8		mg/Kg	1	06/12/20	TH	SW6010D
Selenium	< 1.5	1.5		mg/Kg	1	06/12/20	TH	SW6010D
Thallium	< 1.5	1.5		mg/Kg	1	06/12/20	TH	SW6010D
Vanadium	21.7	0.38		mg/Kg	1	06/12/20	TH	SW6010D
Zinc	2690	7.6		mg/Kg	10	06/12/20	TH	SW6010D
Percent Solid	89			%		06/11/20	JS	SW846-%Solid
Soil Extraction for PCB	Completed					06/11/20	LL/AA	SW3545A
Soil Extraction for Pesticides	Completed					06/11/20	LL/AA	SW3545A
Mercury Digestion	Completed					06/12/20	VT/VT	SW7471B
Soil Extraction for SVOA	Completed					06/11/20	KK/MA	SW3546

Ver 1

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC4 (0-2)

Phoenix I.D.: CG11332

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Total Metals Digest	Completed					06/11/20	B/AG	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	74	74	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1221	ND	74	74	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1232	ND	74	74	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1242	ND	74	74	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1248	ND	74	74	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1254	ND	74	74	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1260	ND	74	74	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1262	ND	74	74	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1268	ND	74	74	ug/Kg	2	06/15/20	SC	SW8082A
QA/QC Surrogates								
% DCBP	61			%	2	06/15/20	SC	30 - 150 %
% DCBP (Confirmation)	58			%	2	06/15/20	SC	30 - 150 %
% TCMX	56			%	2	06/15/20	SC	30 - 150 %
% TCMX (Confirmation)	55			%	2	06/15/20	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.2		ug/Kg	2	06/12/20	CG	SW8081B
4,4' -DDE	ND	2.2		ug/Kg	2	06/12/20	CG	SW8081B
4,4' -DDT	ND	2.2		ug/Kg	2	06/12/20	CG	SW8081B
a-BHC	ND	7.4		ug/Kg	2	06/12/20	CG	SW8081B
a-Chlordane	ND	3.7		ug/Kg	2	06/12/20	CG	SW8081B
Aldrin	ND	3.7		ug/Kg	2	06/12/20	CG	SW8081B
b-BHC	ND	7.4		ug/Kg	2	06/12/20	CG	SW8081B
Chlordane	ND	37		ug/Kg	2	06/12/20	CG	SW8081B
d-BHC	ND	7.4		ug/Kg	2	06/12/20	CG	SW8081B
Dieldrin	ND	3.7		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan I	ND	7.4		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan II	ND	7.4		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan sulfate	ND	7.4		ug/Kg	2	06/12/20	CG	SW8081B
Endrin	ND	7.4		ug/Kg	2	06/12/20	CG	SW8081B
Endrin aldehyde	ND	7.4		ug/Kg	2	06/12/20	CG	SW8081B
Endrin ketone	ND	7.4		ug/Kg	2	06/12/20	CG	SW8081B
g-BHC	ND	1.5		ug/Kg	2	06/12/20	CG	SW8081B
g-Chlordane	ND	3.7		ug/Kg	2	06/12/20	CG	SW8081B
Heptachlor	ND	7.4		ug/Kg	2	06/12/20	CG	SW8081B
Heptachlor epoxide	ND	7.4		ug/Kg	2	06/12/20	CG	SW8081B
Methoxychlor	ND	37		ug/Kg	2	06/12/20	CG	SW8081B
Toxaphene	ND	150		ug/Kg	2	06/12/20	CG	SW8081B
QA/QC Surrogates								
% DCBP	64			%	2	06/12/20	CG	30 - 150 %
% DCBP (Confirmation)	63			%	2	06/12/20	CG	30 - 150 %
% TCMX	51			%	2	06/12/20	CG	30 - 150 %
% TCMX (Confirmation)	54			%	2	06/12/20	CG	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.1	1.0	ug/Kg	1	06/13/20	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC4 (0-2)

Phoenix I.D.: CG11332

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
1,1,2,2-Tetrachloroethane	ND		310	62	ug/Kg	50	06/14/20	JLI	SW8260C	
1,1,2-Trichloroethane	ND		5.1	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1-Dichloroethane	ND		5.1	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1-Dichloroethene	ND		5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1-Dichloropropene	ND		5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		310	62	ug/Kg	50	06/14/20	JLI	SW8260C	
1,2,3-Trichloropropane	ND		310	31	ug/Kg	50	06/14/20	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		310	62	ug/Kg	50	06/14/20	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		310	31	ug/Kg	50	06/14/20	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		310	62	ug/Kg	50	06/14/20	JLI	SW8260C	
1,2-Dibromoethane	ND		5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dichlorobenzene	ND		310	31	ug/Kg	50	06/14/20	JLI	SW8260C	
1,2-Dichloroethane	ND		5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dichloropropane	ND		5.1	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		310	31	ug/Kg	50	06/14/20	JLI	SW8260C	
1,3-Dichlorobenzene	ND		310	31	ug/Kg	50	06/14/20	JLI	SW8260C	
1,3-Dichloropropane	ND		5.1	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
1,4-Dichlorobenzene	ND		310	31	ug/Kg	50	06/14/20	JLI	SW8260C	
2,2-Dichloropropane	ND		5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C	
2-Chlorotoluene	ND		310	62	ug/Kg	50	06/14/20	JLI	SW8260C	
2-Hexanone	ND		25	5.1	ug/Kg	1	06/13/20	JLI	SW8260C	
2-Isopropyltoluene	ND		310	31	ug/Kg	50	06/14/20	JLI	SW8260C	1
4-Chlorotoluene	ND		310	31	ug/Kg	50	06/14/20	JLI	SW8260C	
4-Methyl-2-pentanone	ND		25	5.1	ug/Kg	1	06/13/20	JLI	SW8260C	
Acetone	7.1	JS	25	5.1	ug/Kg	1	06/13/20	JLI	SW8260C	
Acrylonitrile	ND		10	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
Benzene	ND		5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromobenzene	ND		310	31	ug/Kg	50	06/14/20	JLI	SW8260C	
Bromochloromethane	ND		5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromodichloromethane	ND		5.1	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromoform	ND		5.1	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromomethane	ND		5.1	2.0	ug/Kg	1	06/13/20	JLI	SW8260C	
Carbon Disulfide	ND		5.1	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
Carbon tetrachloride	ND		5.1	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
Chlorobenzene	ND		5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C	
Chloroethane	ND		5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C	
Chloroform	0.52	J	5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C	
Chloromethane	ND		5.1	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C	
Dibromochloromethane	ND		5.1	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
Dibromomethane	ND		5.1	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
Dichlorodifluoromethane	ND		5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C	
Ethylbenzene	ND		5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C	
Hexachlorobutadiene	ND		310	31	ug/Kg	50	06/14/20	JLI	SW8260C	
Isopropylbenzene	ND		310	31	ug/Kg	50	06/14/20	JLI	SW8260C	
m&p-Xylene	ND		5.1	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
Methyl Ethyl Ketone	ND		30	5.1	ug/Kg	1	06/13/20	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		10	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Methylene chloride	ND		5.1	5.1	ug/Kg	1	06/13/20	JLI	SW8260C
Naphthalene	ND		310	62	ug/Kg	50	06/14/20	JLI	SW8260C
n-Butylbenzene	ND		310	31	ug/Kg	50	06/14/20	JLI	SW8260C
n-Propylbenzene	ND		310	62	ug/Kg	50	06/14/20	JLI	SW8260C
o-Xylene	ND		5.1	1.0	ug/Kg	1	06/13/20	JLI	SW8260C
p-Isopropyltoluene	ND		310	31	ug/Kg	50	06/14/20	JLI	SW8260C
sec-Butylbenzene	ND		310	31	ug/Kg	50	06/14/20	JLI	SW8260C
Styrene	ND		5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C
tert-Butylbenzene	ND		310	31	ug/Kg	50	06/14/20	JLI	SW8260C
Tetrachloroethene	5.0	J	5.1	1.0	ug/Kg	1	06/13/20	JLI	SW8260C
Tetrahydrofuran (THF)	ND		10	2.5	ug/Kg	1	06/13/20	JLI	SW8260C
Toluene	ND		5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C
trans-1,2-Dichloroethene	ND		5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C
trans-1,3-Dichloropropene	ND		5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND		620	150	ug/Kg	50	06/14/20	JLI	SW8260C
Trichloroethene	ND		5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C
Trichlorofluoromethane	ND		5.1	1.0	ug/Kg	1	06/13/20	JLI	SW8260C
Trichlorotrifluoroethane	ND		5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C
Vinyl chloride	ND		5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	109				%	1	06/13/20	JLI	70 - 130 %
% Bromofluorobenzene	79				%	1	06/13/20	JLI	70 - 130 %
% Dibromofluoromethane	96				%	1	06/13/20	JLI	70 - 130 %
% Toluene-d8	96				%	1	06/13/20	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	101				%	50	06/14/20	JLI	70 - 130 %
% Bromofluorobenzene (50x)	96				%	50	06/14/20	JLI	70 - 130 %
% Dibromofluoromethane (50x)	92				%	50	06/14/20	JLI	70 - 130 %
% Toluene-d8 (50x)	100				%	50	06/14/20	JLI	70 - 130 %
1,4-dioxane									
1,4-dioxane	ND		76		ug/kg	1	06/13/20	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	109				%	1	06/13/20	JLI	70 - 130 %
% Bromofluorobenzene	79				%	1	06/13/20	JLI	70 - 130 %
% Dibromofluoromethane	96				%	1	06/13/20	JLI	70 - 130 %
% Toluene-d8	96				%	1	06/13/20	JLI	70 - 130 %
Volatiles									
1,1,1,2-Tetrachloroethane	ND		20		ug/Kg	1	06/13/20	JLI	SW8260C
Acrolein	ND		5.1		ug/Kg	1	06/13/20	JLI	SW8260C
Acrylonitrile	ND		20		ug/Kg	1	06/13/20	JLI	SW8260C
Tert-butyl alcohol	ND		100		ug/Kg	1	06/13/20	JLI	SW8260C
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND		260	130	ug/Kg	1	06/12/20	WB	SW8270D
1,2,4-Trichlorobenzene	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D
1,2-Dichlorobenzene	ND		260	100	ug/Kg	1	06/12/20	WB	SW8270D
1,2-Diphenylhydrazine	ND		260	120	ug/Kg	1	06/12/20	WB	SW8270D
1,3-Dichlorobenzene	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D
1,4-Dichlorobenzene	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC4 (0-2)

Phoenix I.D.: CG11332

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
2,4,5-Trichlorophenol	ND		260	200	ug/Kg	1	06/12/20	WB	SW8270D	
2,4,6-Trichlorophenol	ND		180	120	ug/Kg	1	06/12/20	WB	SW8270D	
2,4-Dichlorophenol	ND		180	130	ug/Kg	1	06/12/20	WB	SW8270D	
2,4-Dimethylphenol	ND		260	91	ug/Kg	1	06/12/20	WB	SW8270D	
2,4-Dinitrophenol	ND		260	260	ug/Kg	1	06/12/20	WB	SW8270D	
2,4-Dinitrotoluene	ND		180	150	ug/Kg	1	06/12/20	WB	SW8270D	
2,6-Dinitrotoluene	ND		180	120	ug/Kg	1	06/12/20	WB	SW8270D	
2-Chloronaphthalene	ND		260	100	ug/Kg	1	06/12/20	WB	SW8270D	
2-Chlorophenol	ND		260	100	ug/Kg	1	06/12/20	WB	SW8270D	
2-Methylnaphthalene	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
2-Methylphenol (o-cresol)	ND		260	170	ug/Kg	1	06/12/20	WB	SW8270D	
2-Nitroaniline	ND		260	260	ug/Kg	1	06/12/20	WB	SW8270D	
2-Nitrophenol	ND		260	230	ug/Kg	1	06/12/20	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		260	150	ug/Kg	1	06/12/20	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND		180	170	ug/Kg	1	06/12/20	WB	SW8270D	
3-Nitroaniline	ND		370	740	ug/Kg	1	06/12/20	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND		220	74	ug/Kg	1	06/12/20	WB	SW8270D	
4-Bromophenyl phenyl ether	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chloro-3-methylphenol	ND		260	130	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chloroaniline	ND		290	170	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
4-Nitroaniline	ND		370	120	ug/Kg	1	06/12/20	WB	SW8270D	
4-Nitrophenol	ND		370	170	ug/Kg	1	06/12/20	WB	SW8270D	
Acenaphthene	190	J	260	110	ug/Kg	1	06/12/20	WB	SW8270D	
Acenaphthylene	1500		260	100	ug/Kg	1	06/12/20	WB	SW8270D	
Acetophenone	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
Aniline	ND		290	290	ug/Kg	1	06/12/20	WB	SW8270D	
Anthracene	1900		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benz(a)anthracene	13000		2600	1200	ug/Kg	10	06/12/20	WB	SW8270D	
Benzidine	ND		370	220	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(a)pyrene	12000		1800	1200	ug/Kg	10	06/12/20	WB	SW8270D	
Benzo(b)fluoranthene	9600		2600	1300	ug/Kg	10	06/12/20	WB	SW8270D	
Benzo(ghi)perylene	5100		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(k)fluoranthene	6200		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzoic acid	ND		1800	740	ug/Kg	1	06/12/20	WB	SW8270D	
Benzyl butyl phthalate	ND		260	95	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND		260	100	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroethyl)ether	ND		180	99	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND		260	100	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
Carbazole	700		180	150	ug/Kg	1	06/12/20	WB	SW8270D	
Chrysene	12000		2600	1200	ug/Kg	10	06/12/20	WB	SW8270D	
Dibenz(a,h)anthracene	1400		180	120	ug/Kg	1	06/12/20	WB	SW8270D	
Dibenzofuran	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
Diethyl phthalate	ND		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Dimethylphthalate	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
Di-n-butylphthalate	ND		260	98	ug/Kg	1	06/12/20	WB	SW8270D	
Di-n-octylphthalate	ND		260	95	ug/Kg	1	06/12/20	WB	SW8270D	
Fluoranthene	18000		2600	1200	ug/Kg	10	06/12/20	WB	SW8270D	

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC4 (0-2)

Phoenix I.D.: CG11332

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
Fluorene	210	J	260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorobenzene	ND		180	110	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorobutadiene	ND		260	130	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorocyclopentadiene	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachloroethane	ND		180	110	ug/Kg	1	06/12/20	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	6000		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Isophorone	ND		180	100	ug/Kg	1	06/12/20	WB	SW8270D	
Naphthalene	170	J	260	110	ug/Kg	1	06/12/20	WB	SW8270D	
Nitrobenzene	ND		180	130	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodimethylamine	ND		260	100	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND		180	120	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodiphenylamine	ND		260	140	ug/Kg	1	06/12/20	WB	SW8270D	
Pentachloronitrobenzene	ND		260	140	ug/Kg	1	06/12/20	WB	SW8270D	
Pentachlorophenol	ND		220	140	ug/Kg	1	06/12/20	WB	SW8270D	
Phenanthrene	3200		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
Phenol	ND		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Pyrene	16000		2600	1300	ug/Kg	10	06/12/20	WB	SW8270D	
Pyridine	ND		260	91	ug/Kg	1	06/12/20	WB	SW8270D	
QA/QC Surrogates										
% 2,4,6-Tribromophenol	66				%	1	06/12/20	WB	30 - 130 %	
% 2-Fluorobiphenyl	59				%	1	06/12/20	WB	30 - 130 %	
% 2-Fluorophenol	45				%	1	06/12/20	WB	30 - 130 %	
% Nitrobenzene-d5	53				%	1	06/12/20	WB	30 - 130 %	
% Phenol-d5	60				%	1	06/12/20	WB	30 - 130 %	
% Terphenyl-d14	73				%	1	06/12/20	WB	30 - 130 %	
% 2,4,6-Tribromophenol (10x)	Diluted Out				%	10	06/12/20	WB	30 - 130 %	
% 2-Fluorobiphenyl (10x)	Diluted Out				%	10	06/12/20	WB	30 - 130 %	
% 2-Fluorophenol (10x)	Diluted Out				%	10	06/12/20	WB	30 - 130 %	
% Nitrobenzene-d5 (10x)	Diluted Out				%	10	06/12/20	WB	30 - 130 %	
% Phenol-d5 (10x)	Diluted Out				%	10	06/12/20	WB	30 - 130 %	
% Terphenyl-d14 (10x)	Diluted Out				%	10	06/12/20	WB	30 - 130 %	
Field Extraction	Completed						06/10/20		SW5035A	1

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC4 (0-2)

Phoenix I.D.: CG11332

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

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

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

Comments:

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

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

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

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

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

June 16, 2020

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Reference 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

June 16, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TB	06/10/20	
Location Code:	EBC	Received by:	CP	06/11/20	15:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG11328
Phoenix ID: CG11333

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC5 (0-2)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.40	0.40		mg/Kg	1	06/13/20	TH	SW6010D
Aluminum	3910	40		mg/Kg	10	06/12/20	TH	SW6010D
Arsenic	6.20	0.80		mg/Kg	1	06/13/20	TH	SW6010D
Barium	75.9	0.8		mg/Kg	1	06/13/20	TH	SW6010D
Beryllium	0.33	0.32		mg/Kg	1	06/13/20	TH	SW6010D
Calcium	4270	4.0		mg/Kg	1	06/13/20	TH	SW6010D
Cadmium	0.61	0.40		mg/Kg	1	06/13/20	TH	SW6010D
Cobalt	5.38	0.40		mg/Kg	1	06/13/20	TH	SW6010D
Chromium	12.1	0.40		mg/Kg	1	06/13/20	TH	SW6010D
Copper	137	0.8		mg/kg	1	06/13/20	TH	SW6010D
Iron	14300	40		mg/Kg	10	06/12/20	TH	SW6010D
Mercury	1.61	0.16		mg/Kg	10	06/12/20	RS	SW7471B
Potassium	569	8		mg/Kg	1	06/13/20	TH	SW6010D
Magnesium	1400	4.0		mg/Kg	1	06/13/20	TH	SW6010D
Manganese	161	4.0		mg/Kg	10	06/12/20	TH	SW6010D
Sodium	71	8		mg/Kg	1	06/13/20	TH	SW6010D
Nickel	12.7	0.40		mg/Kg	1	06/13/20	TH	SW6010D
Lead	449	0.8		mg/Kg	1	06/13/20	TH	SW6010D
Antimony	< 4.0	4.0		mg/Kg	1	06/13/20	TH	SW6010D
Selenium	< 1.6	1.6		mg/Kg	1	06/13/20	TH	SW6010D
Thallium	< 1.6	1.6		mg/Kg	1	06/13/20	TH	SW6010D
Vanadium	19.0	0.40		mg/Kg	1	06/13/20	TH	SW6010D
Zinc	76.2	0.8		mg/Kg	1	06/13/20	TH	SW6010D
Percent Solid	83			%		06/11/20	JS	SW846-%Solid
Soil Extraction for PCB	Completed					06/11/20	RL/AA	SW3545A
Soil Extraction for Pesticides	Completed					06/11/20	RL/AA	SW3545A
Mercury Digestion	Completed					06/12/20	VT/VT	SW7471B
Soil Extraction for SVOA	Completed					06/11/20	KK/MA	SW3546

Ver 1

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC5 (0-2)

Phoenix I.D.: CG11333

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Total Metals Digest	Completed					06/11/20	B/AG	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	79	79	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1221	ND	79	79	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1232	ND	79	79	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1242	ND	79	79	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1248	ND	79	79	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1254	ND	79	79	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1260	ND	79	79	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1262	ND	79	79	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1268	ND	79	79	ug/Kg	2	06/15/20	SC	SW8082A
QA/QC Surrogates								
% DCBP	60			%	2	06/15/20	SC	30 - 150 %
% DCBP (Confirmation)	53			%	2	06/15/20	SC	30 - 150 %
% TCMX	50			%	2	06/15/20	SC	30 - 150 %
% TCMX (Confirmation)	50			%	2	06/15/20	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.4		ug/Kg	2	06/12/20	CG	SW8081B
4,4' -DDE	ND	2.4		ug/Kg	2	06/12/20	CG	SW8081B
4,4' -DDT	ND	2.4		ug/Kg	2	06/12/20	CG	SW8081B
a-BHC	ND	7.9		ug/Kg	2	06/12/20	CG	SW8081B
a-Chlordane	ND	3.9		ug/Kg	2	06/12/20	CG	SW8081B
Aldrin	ND	3.9		ug/Kg	2	06/12/20	CG	SW8081B
b-BHC	ND	7.9		ug/Kg	2	06/12/20	CG	SW8081B
Chlordane	ND	39		ug/Kg	2	06/12/20	CG	SW8081B
d-BHC	ND	7.9		ug/Kg	2	06/12/20	CG	SW8081B
Dieldrin	ND	3.9		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan I	ND	7.9		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan II	ND	7.9		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan sulfate	ND	7.9		ug/Kg	2	06/12/20	CG	SW8081B
Endrin	ND	7.9		ug/Kg	2	06/12/20	CG	SW8081B
Endrin aldehyde	ND	7.9		ug/Kg	2	06/12/20	CG	SW8081B
Endrin ketone	ND	7.9		ug/Kg	2	06/12/20	CG	SW8081B
g-BHC	ND	1.6		ug/Kg	2	06/12/20	CG	SW8081B
g-Chlordane	ND	3.9		ug/Kg	2	06/12/20	CG	SW8081B
Heptachlor	ND	7.9		ug/Kg	2	06/12/20	CG	SW8081B
Heptachlor epoxide	ND	7.9		ug/Kg	2	06/12/20	CG	SW8081B
Methoxychlor	ND	39		ug/Kg	2	06/12/20	CG	SW8081B
Toxaphene	ND	160		ug/Kg	2	06/12/20	CG	SW8081B
QA/QC Surrogates								
% DCBP	53			%	2	06/12/20	CG	30 - 150 %
% DCBP (Confirmation)	55			%	2	06/12/20	CG	30 - 150 %
% TCMX	42			%	2	06/12/20	CG	30 - 150 %
% TCMX (Confirmation)	43			%	2	06/12/20	CG	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	6.8	1.4	ug/Kg	1	06/13/20	JLI	SW8260C
1,1,1-Trichloroethane	ND	6.8	0.68	ug/Kg	1	06/13/20	JLI	SW8260C

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC5 (0-2)

Phoenix I.D.: CG11333

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
1,1,2,2-Tetrachloroethane	ND	6.8	1.4	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1,2-Trichloroethane	ND	6.8	1.4	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1-Dichloroethane	ND	6.8	1.4	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1-Dichloroethene	ND	6.8	0.68	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1-Dichloropropene	ND	6.8	0.68	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	6.8	1.4	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,3-Trichloropropane	ND	6.8	0.68	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	6.8	1.4	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	6.8	0.68	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	6.8	1.4	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dibromoethane	ND	6.8	0.68	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dichlorobenzene	ND	6.8	0.68	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dichloroethane	ND	6.8	0.68	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dichloropropane	ND	6.8	1.4	ug/Kg	1	06/13/20	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	6.8	0.68	ug/Kg	1	06/13/20	JLI	SW8260C	
1,3-Dichlorobenzene	ND	6.8	0.68	ug/Kg	1	06/13/20	JLI	SW8260C	
1,3-Dichloropropane	ND	6.8	1.4	ug/Kg	1	06/13/20	JLI	SW8260C	
1,4-Dichlorobenzene	ND	6.8	0.68	ug/Kg	1	06/13/20	JLI	SW8260C	
2,2-Dichloropropane	ND	6.8	0.68	ug/Kg	1	06/13/20	JLI	SW8260C	
2-Chlorotoluene	ND	6.8	1.4	ug/Kg	1	06/13/20	JLI	SW8260C	
2-Hexanone	ND	34	6.8	ug/Kg	1	06/13/20	JLI	SW8260C	
2-Isopropyltoluene	ND	6.8	0.68	ug/Kg	1	06/13/20	JLI	SW8260C	1
4-Chlorotoluene	ND	6.8	0.68	ug/Kg	1	06/13/20	JLI	SW8260C	
4-Methyl-2-pentanone	ND	34	6.8	ug/Kg	1	06/13/20	JLI	SW8260C	
Acetone	ND	34	6.8	ug/Kg	1	06/13/20	JLI	SW8260C	
Acrylonitrile	ND	14	1.4	ug/Kg	1	06/13/20	JLI	SW8260C	
Benzene	ND	6.8	0.68	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromobenzene	ND	6.8	0.68	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromochloromethane	ND	6.8	0.68	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromodichloromethane	ND	6.8	1.4	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromoform	ND	6.8	1.4	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromomethane	ND	6.8	2.7	ug/Kg	1	06/13/20	JLI	SW8260C	
Carbon Disulfide	ND	6.8	1.4	ug/Kg	1	06/13/20	JLI	SW8260C	
Carbon tetrachloride	ND	6.8	1.4	ug/Kg	1	06/13/20	JLI	SW8260C	
Chlorobenzene	ND	6.8	0.68	ug/Kg	1	06/13/20	JLI	SW8260C	
Chloroethane	ND	6.8	0.68	ug/Kg	1	06/13/20	JLI	SW8260C	
Chloroform	ND	6.8	0.68	ug/Kg	1	06/13/20	JLI	SW8260C	
Chloromethane	ND	6.8	1.4	ug/Kg	1	06/13/20	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	6.8	0.68	ug/Kg	1	06/13/20	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	6.8	0.68	ug/Kg	1	06/13/20	JLI	SW8260C	
Dibromochloromethane	ND	6.8	1.4	ug/Kg	1	06/13/20	JLI	SW8260C	
Dibromomethane	ND	6.8	1.4	ug/Kg	1	06/13/20	JLI	SW8260C	
Dichlorodifluoromethane	ND	6.8	0.68	ug/Kg	1	06/13/20	JLI	SW8260C	
Ethylbenzene	ND	6.8	0.68	ug/Kg	1	06/13/20	JLI	SW8260C	
Hexachlorobutadiene	ND	6.8	0.68	ug/Kg	1	06/13/20	JLI	SW8260C	
Isopropylbenzene	ND	6.8	0.68	ug/Kg	1	06/13/20	JLI	SW8260C	
m&p-Xylene	ND	6.8	1.4	ug/Kg	1	06/13/20	JLI	SW8260C	
Methyl Ethyl Ketone	ND	41	6.8	ug/Kg	1	06/13/20	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	14	1.4	ug/Kg	1	06/13/20	JLI	SW8260C	

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC5 (0-2)

Phoenix I.D.: CG11333

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Methylene chloride	ND	6.8	6.8	ug/Kg	1	06/13/20	JLI	SW8260C
Naphthalene	ND	6.8	1.4	ug/Kg	1	06/13/20	JLI	SW8260C
n-Butylbenzene	ND	6.8	0.68	ug/Kg	1	06/13/20	JLI	SW8260C
n-Propylbenzene	ND	6.8	1.4	ug/Kg	1	06/13/20	JLI	SW8260C
o-Xylene	ND	6.8	1.4	ug/Kg	1	06/13/20	JLI	SW8260C
p-Isopropyltoluene	ND	6.8	0.68	ug/Kg	1	06/13/20	JLI	SW8260C
sec-Butylbenzene	ND	6.8	0.68	ug/Kg	1	06/13/20	JLI	SW8260C
Styrene	ND	6.8	0.68	ug/Kg	1	06/13/20	JLI	SW8260C
tert-Butylbenzene	ND	6.8	0.68	ug/Kg	1	06/13/20	JLI	SW8260C
Tetrachloroethene	ND	6.8	1.4	ug/Kg	1	06/13/20	JLI	SW8260C
Tetrahydrofuran (THF)	ND	14	3.4	ug/Kg	1	06/13/20	JLI	SW8260C
Toluene	ND	6.8	0.68	ug/Kg	1	06/13/20	JLI	SW8260C
trans-1,2-Dichloroethene	ND	6.8	0.68	ug/Kg	1	06/13/20	JLI	SW8260C
trans-1,3-Dichloropropene	ND	6.8	0.68	ug/Kg	1	06/13/20	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	14	3.4	ug/Kg	1	06/13/20	JLI	SW8260C
Trichloroethene	ND	6.8	0.68	ug/Kg	1	06/13/20	JLI	SW8260C
Trichlorofluoromethane	ND	6.8	1.4	ug/Kg	1	06/13/20	JLI	SW8260C
Trichlorotrifluoroethane	ND	6.8	0.68	ug/Kg	1	06/13/20	JLI	SW8260C
Vinyl chloride	ND	6.8	0.68	ug/Kg	1	06/13/20	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102			%	1	06/13/20	JLI	70 - 130 %
% Bromofluorobenzene	97			%	1	06/13/20	JLI	70 - 130 %
% Dibromofluoromethane	94			%	1	06/13/20	JLI	70 - 130 %
% Toluene-d8	100			%	1	06/13/20	JLI	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100		ug/kg	1	06/13/20	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102			%	1	06/13/20	JLI	70 - 130 %
% Bromofluorobenzene	97			%	1	06/13/20	JLI	70 - 130 %
% Dibromofluoromethane	94			%	1	06/13/20	JLI	70 - 130 %
% Toluene-d8	100			%	1	06/13/20	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	27		ug/Kg	1	06/13/20	JLI	SW8260C
Acrolein	ND	6.8		ug/Kg	1	06/13/20	JLI	SW8260C
Acrylonitrile	ND	27		ug/Kg	1	06/13/20	JLI	SW8260C
Tert-butyl alcohol	ND	140		ug/Kg	1	06/13/20	JLI	SW8260C
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	280	140	ug/Kg	1	06/12/20	WB	SW8270D
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	1	06/12/20	WB	SW8270D
1,2-Dichlorobenzene	ND	280	110	ug/Kg	1	06/12/20	WB	SW8270D
1,2-Diphenylhydrazine	ND	280	130	ug/Kg	1	06/12/20	WB	SW8270D
1,3-Dichlorobenzene	ND	280	120	ug/Kg	1	06/12/20	WB	SW8270D
1,4-Dichlorobenzene	ND	280	120	ug/Kg	1	06/12/20	WB	SW8270D
2,4,5-Trichlorophenol	ND	280	220	ug/Kg	1	06/12/20	WB	SW8270D
2,4,6-Trichlorophenol	ND	200	130	ug/Kg	1	06/12/20	WB	SW8270D
2,4-Dichlorophenol	ND	200	140	ug/Kg	1	06/12/20	WB	SW8270D
2,4-Dimethylphenol	ND	280	98	ug/Kg	1	06/12/20	WB	SW8270D

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC5 (0-2)

Phoenix I.D.: CG11333

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
2,4-Dinitrophenol	ND		280	280	ug/Kg	1	06/12/20	WB	SW8270D	
2,4-Dinitrotoluene	ND		200	160	ug/Kg	1	06/12/20	WB	SW8270D	
2,6-Dinitrotoluene	ND		200	130	ug/Kg	1	06/12/20	WB	SW8270D	
2-Chloronaphthalene	ND		280	110	ug/Kg	1	06/12/20	WB	SW8270D	
2-Chlorophenol	ND		280	110	ug/Kg	1	06/12/20	WB	SW8270D	
2-Methylnaphthalene	ND		280	120	ug/Kg	1	06/12/20	WB	SW8270D	
2-Methylphenol (o-cresol)	ND		280	190	ug/Kg	1	06/12/20	WB	SW8270D	
2-Nitroaniline	ND		280	280	ug/Kg	1	06/12/20	WB	SW8270D	
2-Nitrophenol	ND		280	250	ug/Kg	1	06/12/20	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		280	160	ug/Kg	1	06/12/20	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND		200	190	ug/Kg	1	06/12/20	WB	SW8270D	
3-Nitroaniline	ND		400	790	ug/Kg	1	06/12/20	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND		240	79	ug/Kg	1	06/12/20	WB	SW8270D	
4-Bromophenyl phenyl ether	ND		280	120	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chloro-3-methylphenol	ND		280	140	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chloroaniline	ND		320	190	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND		280	130	ug/Kg	1	06/12/20	WB	SW8270D	
4-Nitroaniline	ND		400	130	ug/Kg	1	06/12/20	WB	SW8270D	
4-Nitrophenol	ND		400	180	ug/Kg	1	06/12/20	WB	SW8270D	
Acenaphthene	ND		280	120	ug/Kg	1	06/12/20	WB	SW8270D	
Acenaphthylene	190	J	280	110	ug/Kg	1	06/12/20	WB	SW8270D	
Acetophenone	ND		280	120	ug/Kg	1	06/12/20	WB	SW8270D	
Aniline	ND		320	320	ug/Kg	1	06/12/20	WB	SW8270D	
Anthracene	230	J	280	130	ug/Kg	1	06/12/20	WB	SW8270D	
Benz(a)anthracene	550		280	130	ug/Kg	1	06/12/20	WB	SW8270D	
Benzidine	ND		400	230	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(a)pyrene	750		200	130	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(b)fluoranthene	660		280	140	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(ghi)perylene	1000		280	130	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(k)fluoranthene	550		280	130	ug/Kg	1	06/12/20	WB	SW8270D	
Benzoic acid	ND		2000	790	ug/Kg	1	06/12/20	WB	SW8270D	
Benzyl butyl phthalate	ND		280	100	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND		280	110	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroethyl)ether	ND		200	110	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND		280	110	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	ND		280	110	ug/Kg	1	06/12/20	WB	SW8270D	
Carbazole	ND		200	160	ug/Kg	1	06/12/20	WB	SW8270D	
Chrysene	620		280	130	ug/Kg	1	06/12/20	WB	SW8270D	
Dibenz(a,h)anthracene	240		200	130	ug/Kg	1	06/12/20	WB	SW8270D	
Dibenzofuran	ND		280	120	ug/Kg	1	06/12/20	WB	SW8270D	
Diethyl phthalate	ND		280	130	ug/Kg	1	06/12/20	WB	SW8270D	
Dimethylphthalate	ND		280	120	ug/Kg	1	06/12/20	WB	SW8270D	
Di-n-butylphthalate	ND		280	110	ug/Kg	1	06/12/20	WB	SW8270D	
Di-n-octylphthalate	ND		280	100	ug/Kg	1	06/12/20	WB	SW8270D	
Fluoranthene	1100		280	130	ug/Kg	1	06/12/20	WB	SW8270D	
Fluorene	ND		280	130	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorobenzene	ND		200	120	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorobutadiene	ND		280	140	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorocyclopentadiene	ND		280	120	ug/Kg	1	06/12/20	WB	SW8270D	

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC5 (0-2)

Phoenix I.D.: CG11333

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
Hexachloroethane	ND	200	120	ug/Kg	1	06/12/20	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	1100	280	130	ug/Kg	1	06/12/20	WB	SW8270D	
Isophorone	ND	200	110	ug/Kg	1	06/12/20	WB	SW8270D	
Naphthalene	ND	280	110	ug/Kg	1	06/12/20	WB	SW8270D	
Nitrobenzene	ND	200	140	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodimethylamine	ND	280	110	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	200	130	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodiphenylamine	ND	280	150	ug/Kg	1	06/12/20	WB	SW8270D	
Pentachloronitrobenzene	ND	280	150	ug/Kg	1	06/12/20	WB	SW8270D	
Pentachlorophenol	ND	240	150	ug/Kg	1	06/12/20	WB	SW8270D	
Phenanthrene	610	280	110	ug/Kg	1	06/12/20	WB	SW8270D	
Phenol	ND	280	130	ug/Kg	1	06/12/20	WB	SW8270D	
Pyrene	970	280	140	ug/Kg	1	06/12/20	WB	SW8270D	
Pyridine	ND	280	98	ug/Kg	1	06/12/20	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	67			%	1	06/12/20	WB	30 - 130 %	
% 2-Fluorobiphenyl	50			%	1	06/12/20	WB	30 - 130 %	
% 2-Fluorophenol	45			%	1	06/12/20	WB	30 - 130 %	
% Nitrobenzene-d5	49			%	1	06/12/20	WB	30 - 130 %	
% Phenol-d5	54			%	1	06/12/20	WB	30 - 130 %	
% Terphenyl-d14	57			%	1	06/12/20	WB	30 - 130 %	
Field Extraction	Completed					06/10/20		SW5035A	1

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

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

Comments:

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

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

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

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

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

Phyllis Shiller, Laboratory Director

June 16, 2020

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Ver 1

Reference 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

June 16, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TB	06/10/20	
Location Code:	EBC	Received by:	CP	06/11/20	15:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG11328
Phoenix ID: CG11334

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC6 (0-2)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.34	0.34		mg/Kg	1	06/13/20	TH	SW6010D
Aluminum	8480	34		mg/Kg	10	06/12/20	TH	SW6010D
Arsenic	2.95	0.68		mg/Kg	1	06/13/20	TH	SW6010D
Barium	90.1	0.7		mg/Kg	1	06/13/20	TH	SW6010D
Beryllium	0.45	0.27		mg/Kg	1	06/13/20	TH	SW6010D
Calcium	17700	34		mg/Kg	10	06/12/20	TH	SW6010D
Cadmium	0.81	0.34		mg/Kg	1	06/13/20	TH	SW6010D
Cobalt	7.01	0.34		mg/Kg	1	06/13/20	TH	SW6010D
Chromium	21.5	0.34		mg/Kg	1	06/13/20	TH	SW6010D
Copper	54.1	0.7		mg/kg	1	06/13/20	TH	SW6010D
Iron	16400	34		mg/Kg	10	06/12/20	TH	SW6010D
Mercury	0.12	0.03		mg/Kg	2	06/12/20	RS	SW7471B
Potassium	1710	7		mg/Kg	1	06/13/20	TH	SW6010D
Magnesium	4010	3.4		mg/Kg	1	06/13/20	TH	SW6010D
Manganese	233	3.4		mg/Kg	10	06/12/20	TH	SW6010D
Sodium	790	7		mg/Kg	1	06/13/20	TH	SW6010D
Nickel	16.4	0.34		mg/Kg	1	06/13/20	TH	SW6010D
Lead	80.5	0.7		mg/Kg	1	06/13/20	TH	SW6010D
Antimony	< 3.4	3.4		mg/Kg	1	06/13/20	TH	SW6010D
Selenium	< 1.4	1.4		mg/Kg	1	06/13/20	TH	SW6010D
Thallium	< 1.4	1.4		mg/Kg	1	06/13/20	TH	SW6010D
Vanadium	28.4	0.34		mg/Kg	1	06/13/20	TH	SW6010D
Zinc	86.6	0.7		mg/Kg	1	06/13/20	TH	SW6010D
Percent Solid	91			%		06/11/20	JS	SW846-%Solid
Soil Extraction for PCB	Completed					06/11/20	RL/AA	SW3545A
Soil Extraction for Pesticides	Completed					06/11/20	RL/AA	SW3545A
Mercury Digestion	Completed					06/12/20	VT/VT	SW7471B
Soil Extraction for SVOA	Completed					06/11/20	KK/MA	SW3546

Ver 1

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC6 (0-2)

Phoenix I.D.: CG11334

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Total Metals Digest	Completed					06/11/20	B/AG	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	72	72	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1221	ND	72	72	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1232	ND	72	72	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1242	ND	72	72	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1248	ND	72	72	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1254	ND	72	72	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1260	ND	72	72	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1262	ND	72	72	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1268	ND	72	72	ug/Kg	2	06/15/20	SC	SW8082A
QA/QC Surrogates								
% DCBP	58			%	2	06/15/20	SC	30 - 150 %
% DCBP (Confirmation)	53			%	2	06/15/20	SC	30 - 150 %
% TCMX	56			%	2	06/15/20	SC	30 - 150 %
% TCMX (Confirmation)	55			%	2	06/15/20	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.2		ug/Kg	2	06/12/20	CG	SW8081B
4,4' -DDE	ND	2.2		ug/Kg	2	06/12/20	CG	SW8081B
4,4' -DDT	ND	2.7		ug/Kg	2	06/12/20	CG	SW8081B
a-BHC	ND	7.2		ug/Kg	2	06/12/20	CG	SW8081B
a-Chlordane	ND	3.6		ug/Kg	2	06/12/20	CG	SW8081B
Aldrin	ND	3.6		ug/Kg	2	06/12/20	CG	SW8081B
b-BHC	ND	7.2		ug/Kg	2	06/12/20	CG	SW8081B
Chlordane	ND	36		ug/Kg	2	06/12/20	CG	SW8081B
d-BHC	ND	7.2		ug/Kg	2	06/12/20	CG	SW8081B
Dieldrin	ND	3.6		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan I	ND	7.2		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan II	ND	7.2		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan sulfate	ND	7.2		ug/Kg	2	06/12/20	CG	SW8081B
Endrin	ND	7.2		ug/Kg	2	06/12/20	CG	SW8081B
Endrin aldehyde	ND	7.2		ug/Kg	2	06/12/20	CG	SW8081B
Endrin ketone	ND	7.2		ug/Kg	2	06/12/20	CG	SW8081B
g-BHC	ND	1.4		ug/Kg	2	06/12/20	CG	SW8081B
g-Chlordane	ND	3.6		ug/Kg	2	06/12/20	CG	SW8081B
Heptachlor	ND	7.2		ug/Kg	2	06/12/20	CG	SW8081B
Heptachlor epoxide	ND	7.2		ug/Kg	2	06/12/20	CG	SW8081B
Methoxychlor	ND	36		ug/Kg	2	06/12/20	CG	SW8081B
Toxaphene	ND	140		ug/Kg	2	06/12/20	CG	SW8081B
QA/QC Surrogates								
% DCBP	36			%	2	06/12/20	CG	30 - 150 %
% DCBP (Confirmation)	34			%	2	06/12/20	CG	30 - 150 %
% TCMX	31			%	2	06/12/20	CG	30 - 150 %
% TCMX (Confirmation)	31			%	2	06/12/20	CG	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.7	1.1	ug/Kg	1	06/13/20	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.7	0.57	ug/Kg	1	06/13/20	JLI	SW8260C

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC6 (0-2)

Phoenix I.D.: CG11334

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
1,1,2,2-Tetrachloroethane	ND		5.7	1.1	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1,2-Trichloroethane	ND		5.7	1.1	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1-Dichloroethane	ND		5.7	1.1	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1-Dichloroethene	ND		5.7	0.57	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1-Dichloropropene	ND		5.7	0.57	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		5.7	1.1	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,3-Trichloropropane	ND		5.7	0.57	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		5.7	1.1	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		5.7	0.57	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		5.7	1.1	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dibromoethane	ND		5.7	0.57	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dichlorobenzene	ND		5.7	0.57	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dichloroethane	ND		5.7	0.57	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dichloropropane	ND		5.7	1.1	ug/Kg	1	06/13/20	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		5.7	0.57	ug/Kg	1	06/13/20	JLI	SW8260C	
1,3-Dichlorobenzene	ND		5.7	0.57	ug/Kg	1	06/13/20	JLI	SW8260C	
1,3-Dichloropropane	ND		5.7	1.1	ug/Kg	1	06/13/20	JLI	SW8260C	
1,4-Dichlorobenzene	ND		5.7	0.57	ug/Kg	1	06/13/20	JLI	SW8260C	
2,2-Dichloropropane	ND		5.7	0.57	ug/Kg	1	06/13/20	JLI	SW8260C	
2-Chlorotoluene	ND		5.7	1.1	ug/Kg	1	06/13/20	JLI	SW8260C	
2-Hexanone	ND		29	5.7	ug/Kg	1	06/13/20	JLI	SW8260C	
2-Isopropyltoluene	ND		5.7	0.57	ug/Kg	1	06/13/20	JLI	SW8260C	1
4-Chlorotoluene	ND		5.7	0.57	ug/Kg	1	06/13/20	JLI	SW8260C	
4-Methyl-2-pentanone	ND		29	5.7	ug/Kg	1	06/13/20	JLI	SW8260C	
Acetone	8.4	JS	29	5.7	ug/Kg	1	06/13/20	JLI	SW8260C	
Acrylonitrile	ND		11	1.1	ug/Kg	1	06/13/20	JLI	SW8260C	
Benzene	ND		5.7	0.57	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromobenzene	ND		5.7	0.57	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromochloromethane	ND		5.7	0.57	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromodichloromethane	ND		5.7	1.1	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromoform	ND		5.7	1.1	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromomethane	ND		5.7	2.3	ug/Kg	1	06/13/20	JLI	SW8260C	
Carbon Disulfide	ND		5.7	1.1	ug/Kg	1	06/13/20	JLI	SW8260C	
Carbon tetrachloride	ND		5.7	1.1	ug/Kg	1	06/13/20	JLI	SW8260C	
Chlorobenzene	ND		5.7	0.57	ug/Kg	1	06/13/20	JLI	SW8260C	
Chloroethane	ND		5.7	0.57	ug/Kg	1	06/13/20	JLI	SW8260C	
Chloroform	ND		5.7	0.57	ug/Kg	1	06/13/20	JLI	SW8260C	
Chloromethane	ND		5.7	1.1	ug/Kg	1	06/13/20	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		5.7	0.57	ug/Kg	1	06/13/20	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		5.7	0.57	ug/Kg	1	06/13/20	JLI	SW8260C	
Dibromochloromethane	ND		5.7	1.1	ug/Kg	1	06/13/20	JLI	SW8260C	
Dibromomethane	ND		5.7	1.1	ug/Kg	1	06/13/20	JLI	SW8260C	
Dichlorodifluoromethane	ND		5.7	0.57	ug/Kg	1	06/13/20	JLI	SW8260C	
Ethylbenzene	ND		5.7	0.57	ug/Kg	1	06/13/20	JLI	SW8260C	
Hexachlorobutadiene	ND		5.7	0.57	ug/Kg	1	06/13/20	JLI	SW8260C	
Isopropylbenzene	ND		5.7	0.57	ug/Kg	1	06/13/20	JLI	SW8260C	
m&p-Xylene	ND		5.7	1.1	ug/Kg	1	06/13/20	JLI	SW8260C	
Methyl Ethyl Ketone	ND		34	5.7	ug/Kg	1	06/13/20	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		11	1.1	ug/Kg	1	06/13/20	JLI	SW8260C	

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC6 (0-2)

Phoenix I.D.: CG11334

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Methylene chloride	ND		5.7	5.7	ug/Kg	1	06/13/20	JLI	SW8260C
Naphthalene	ND		5.7	1.1	ug/Kg	1	06/13/20	JLI	SW8260C
n-Butylbenzene	ND		5.7	0.57	ug/Kg	1	06/13/20	JLI	SW8260C
n-Propylbenzene	ND		5.7	1.1	ug/Kg	1	06/13/20	JLI	SW8260C
o-Xylene	ND		5.7	1.1	ug/Kg	1	06/13/20	JLI	SW8260C
p-Isopropyltoluene	ND		5.7	0.57	ug/Kg	1	06/13/20	JLI	SW8260C
sec-Butylbenzene	ND		5.7	0.57	ug/Kg	1	06/13/20	JLI	SW8260C
Styrene	ND		5.7	0.57	ug/Kg	1	06/13/20	JLI	SW8260C
tert-Butylbenzene	ND		5.7	0.57	ug/Kg	1	06/13/20	JLI	SW8260C
Tetrachloroethene	2.7	J	5.7	1.1	ug/Kg	1	06/13/20	JLI	SW8260C
Tetrahydrofuran (THF)	ND		11	2.9	ug/Kg	1	06/13/20	JLI	SW8260C
Toluene	ND		5.7	0.57	ug/Kg	1	06/13/20	JLI	SW8260C
trans-1,2-Dichloroethene	ND		5.7	0.57	ug/Kg	1	06/13/20	JLI	SW8260C
trans-1,3-Dichloropropene	ND		5.7	0.57	ug/Kg	1	06/13/20	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND		11	2.9	ug/Kg	1	06/13/20	JLI	SW8260C
Trichloroethene	0.60	J	5.7	0.57	ug/Kg	1	06/13/20	JLI	SW8260C
Trichlorofluoromethane	ND		5.7	1.1	ug/Kg	1	06/13/20	JLI	SW8260C
Trichlorotrifluoroethane	ND		5.7	0.57	ug/Kg	1	06/13/20	JLI	SW8260C
Vinyl chloride	ND		5.7	0.57	ug/Kg	1	06/13/20	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99				%	1	06/13/20	JLI	70 - 130 %
% Bromofluorobenzene	88				%	1	06/13/20	JLI	70 - 130 %
% Dibromofluoromethane	95				%	1	06/13/20	JLI	70 - 130 %
% Toluene-d8	97				%	1	06/13/20	JLI	70 - 130 %
1,4-dioxane									
1,4-dioxane	ND		86		ug/kg	1	06/13/20	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99				%	1	06/13/20	JLI	70 - 130 %
% Bromofluorobenzene	88				%	1	06/13/20	JLI	70 - 130 %
% Dibromofluoromethane	95				%	1	06/13/20	JLI	70 - 130 %
% Toluene-d8	97				%	1	06/13/20	JLI	70 - 130 %
Volatiles									
1,1,1,2-Tetrachloroethane	ND		23		ug/Kg	1	06/13/20	JLI	SW8260C
Acrolein	ND		5.7		ug/Kg	1	06/13/20	JLI	SW8260C
Acrylonitrile	ND		23		ug/Kg	1	06/13/20	JLI	SW8260C
Tert-butyl alcohol	ND		110		ug/Kg	1	06/13/20	JLI	SW8260C
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND		260	130	ug/Kg	1	06/12/20	WB	SW8270D
1,2,4-Trichlorobenzene	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D
1,2-Dichlorobenzene	ND		260	100	ug/Kg	1	06/12/20	WB	SW8270D
1,2-Diphenylhydrazine	ND		260	120	ug/Kg	1	06/12/20	WB	SW8270D
1,3-Dichlorobenzene	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D
1,4-Dichlorobenzene	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D
2,4,5-Trichlorophenol	ND		260	200	ug/Kg	1	06/12/20	WB	SW8270D
2,4,6-Trichlorophenol	ND		180	120	ug/Kg	1	06/12/20	WB	SW8270D
2,4-Dichlorophenol	ND		180	130	ug/Kg	1	06/12/20	WB	SW8270D
2,4-Dimethylphenol	ND		260	91	ug/Kg	1	06/12/20	WB	SW8270D

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC6 (0-2)

Phoenix I.D.: CG11334

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
2,4-Dinitrophenol	ND		260	260	ug/Kg	1	06/12/20	WB	SW8270D	
2,4-Dinitrotoluene	ND		180	140	ug/Kg	1	06/12/20	WB	SW8270D	
2,6-Dinitrotoluene	ND		180	120	ug/Kg	1	06/12/20	WB	SW8270D	
2-Chloronaphthalene	ND		260	100	ug/Kg	1	06/12/20	WB	SW8270D	
2-Chlorophenol	ND		260	100	ug/Kg	1	06/12/20	WB	SW8270D	
2-Methylnaphthalene	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
2-Methylphenol (o-cresol)	ND		260	170	ug/Kg	1	06/12/20	WB	SW8270D	
2-Nitroaniline	ND		260	260	ug/Kg	1	06/12/20	WB	SW8270D	
2-Nitrophenol	ND		260	230	ug/Kg	1	06/12/20	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		260	140	ug/Kg	1	06/12/20	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND		180	170	ug/Kg	1	06/12/20	WB	SW8270D	
3-Nitroaniline	ND		370	730	ug/Kg	1	06/12/20	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND		220	73	ug/Kg	1	06/12/20	WB	SW8270D	
4-Bromophenyl phenyl ether	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chloro-3-methylphenol	ND		260	130	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chloroaniline	ND		290	170	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
4-Nitroaniline	ND		370	120	ug/Kg	1	06/12/20	WB	SW8270D	
4-Nitrophenol	ND		370	170	ug/Kg	1	06/12/20	WB	SW8270D	
Acenaphthene	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
Acenaphthylene	140	J	260	100	ug/Kg	1	06/12/20	WB	SW8270D	
Acetophenone	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
Aniline	ND		290	290	ug/Kg	1	06/12/20	WB	SW8270D	
Anthracene	280		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benz(a)anthracene	800		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzidine	ND		370	210	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(a)pyrene	790		180	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(b)fluoranthene	700		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(ghi)perylene	720		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(k)fluoranthene	570		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzoic acid	ND		1800	730	ug/Kg	1	06/12/20	WB	SW8270D	
Benzyl butyl phthalate	ND		260	94	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND		260	100	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroethyl)ether	ND		180	99	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND		260	100	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	130	J	260	110	ug/Kg	1	06/12/20	WB	SW8270D	
Carbazole	ND		180	150	ug/Kg	1	06/12/20	WB	SW8270D	
Chrysene	750		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Dibenz(a,h)anthracene	160	J	180	120	ug/Kg	1	06/12/20	WB	SW8270D	
Dibenzofuran	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
Diethyl phthalate	ND		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Dimethylphthalate	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
Di-n-butylphthalate	ND		260	97	ug/Kg	1	06/12/20	WB	SW8270D	
Di-n-octylphthalate	ND		260	94	ug/Kg	1	06/12/20	WB	SW8270D	
Fluoranthene	1500		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Fluorene	ND		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorobenzene	ND		180	110	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorobutadiene	ND		260	130	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorocyclopentadiene	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC6 (0-2)

Phoenix I.D.: CG11334

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
Hexachloroethane	ND	180	110	ug/Kg	1	06/12/20	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	650	260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Isophorone	ND	180	100	ug/Kg	1	06/12/20	WB	SW8270D	
Naphthalene	ND	260	110	ug/Kg	1	06/12/20	WB	SW8270D	
Nitrobenzene	ND	180	130	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodimethylamine	ND	260	100	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	180	120	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	06/12/20	WB	SW8270D	
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	06/12/20	WB	SW8270D	
Pentachlorophenol	ND	220	140	ug/Kg	1	06/12/20	WB	SW8270D	
Phenanthrene	780	260	100	ug/Kg	1	06/12/20	WB	SW8270D	
Phenol	ND	260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Pyrene	1300	260	130	ug/Kg	1	06/12/20	WB	SW8270D	
Pyridine	ND	260	90	ug/Kg	1	06/12/20	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	58			%	1	06/12/20	WB	30 - 130 %	
% 2-Fluorobiphenyl	62			%	1	06/12/20	WB	30 - 130 %	
% 2-Fluorophenol	57			%	1	06/12/20	WB	30 - 130 %	
% Nitrobenzene-d5	63			%	1	06/12/20	WB	30 - 130 %	
% Phenol-d5	67			%	1	06/12/20	WB	30 - 130 %	
% Terphenyl-d14	73			%	1	06/12/20	WB	30 - 130 %	
Field Extraction	Completed					06/10/20		SW5035A	1

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

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

Comments:

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

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

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

June 16, 2020

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Reference 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

June 16, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TB	06/10/20	
Location Code:	EBC	Received by:	CP	06/11/20	15:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG11328
Phoenix ID: CG11335

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC6 (6-8)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.34	0.34		mg/Kg	1	06/13/20	TH	SW6010D
Aluminum	7310	34		mg/Kg	10	06/12/20	TH	SW6010D
Arsenic	6.78	0.69		mg/Kg	1	06/13/20	TH	SW6010D
Barium	163	0.7		mg/Kg	1	06/13/20	TH	SW6010D
Beryllium	0.43	0.28		mg/Kg	1	06/13/20	TH	SW6010D
Calcium	3100	3.4		mg/Kg	1	06/13/20	TH	SW6010D
Cadmium	1.12	0.34		mg/Kg	1	06/13/20	TH	SW6010D
Cobalt	6.18	0.34		mg/Kg	1	06/13/20	TH	SW6010D
Chromium	19.0	0.34		mg/Kg	1	06/13/20	TH	SW6010D
Copper	62.8	0.7		mg/kg	1	06/13/20	TH	SW6010D
Iron	23500	34		mg/Kg	10	06/12/20	TH	SW6010D
Mercury	2.28	0.06		mg/Kg	5	06/12/20	RS	SW7471B
Potassium	843	7		mg/Kg	1	06/13/20	TH	SW6010D
Magnesium	2590	3.4		mg/Kg	1	06/13/20	TH	SW6010D
Manganese	617	3.4		mg/Kg	10	06/12/20	TH	SW6010D
Sodium	220	7		mg/Kg	1	06/13/20	TH	SW6010D
Nickel	12.3	0.34		mg/Kg	1	06/13/20	TH	SW6010D
Lead	1350	6.9		mg/Kg	10	06/12/20	TH	SW6010D
Antimony	< 3.4	3.4		mg/Kg	1	06/13/20	TH	SW6010D
Selenium	< 1.4	1.4		mg/Kg	1	06/13/20	TH	SW6010D
Thallium	< 1.4	1.4		mg/Kg	1	06/13/20	TH	SW6010D
Vanadium	17.6	0.34		mg/Kg	1	06/13/20	TH	SW6010D
Zinc	270	0.7		mg/Kg	1	06/13/20	TH	SW6010D
Percent Solid	93			%		06/11/20	JS	SW846-%Solid
Soil Extraction for PCB	Completed					06/11/20	RL/AA	SW3545A
Soil Extraction for Pesticides	Completed					06/11/20	RL/AA	SW3545A
Mercury Digestion	Completed					06/12/20	VT/VT	SW7471B
Soil Extraction for SVOA	Completed					06/11/20	KK/MA	SW3546

Ver 1

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC6 (6-8)

Phoenix I.D.: CG11335

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Total Metals Digest	Completed					06/11/20	B/AG	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	71	71	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1221	ND	71	71	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1232	ND	71	71	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1242	ND	71	71	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1248	ND	71	71	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1254	ND	71	71	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1260	ND	71	71	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1262	ND	71	71	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1268	ND	71	71	ug/Kg	2	06/15/20	SC	SW8082A
QA/QC Surrogates								
% DCBP	72			%	2	06/15/20	SC	30 - 150 %
% DCBP (Confirmation)	69			%	2	06/15/20	SC	30 - 150 %
% TCMX	69			%	2	06/15/20	SC	30 - 150 %
% TCMX (Confirmation)	68			%	2	06/15/20	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.1		ug/Kg	2	06/12/20	CG	SW8081B
4,4' -DDE	ND	2.1		ug/Kg	2	06/12/20	CG	SW8081B
4,4' -DDT	ND	2.1		ug/Kg	2	06/12/20	CG	SW8081B
a-BHC	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
a-Chlordane	ND	3.5		ug/Kg	2	06/12/20	CG	SW8081B
Aldrin	ND	3.5		ug/Kg	2	06/12/20	CG	SW8081B
b-BHC	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
Chlordane	ND	35		ug/Kg	2	06/12/20	CG	SW8081B
d-BHC	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
Dieldrin	ND	3.5		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan I	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan II	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan sulfate	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
Endrin	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
Endrin aldehyde	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
Endrin ketone	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
g-BHC	ND	1.4		ug/Kg	2	06/12/20	CG	SW8081B
g-Chlordane	ND	3.5		ug/Kg	2	06/12/20	CG	SW8081B
Heptachlor	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
Heptachlor epoxide	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
Methoxychlor	ND	35		ug/Kg	2	06/12/20	CG	SW8081B
Toxaphene	ND	140		ug/Kg	2	06/12/20	CG	SW8081B
QA/QC Surrogates								
% DCBP	76			%	2	06/12/20	CG	30 - 150 %
% DCBP (Confirmation)	76			%	2	06/12/20	CG	30 - 150 %
% TCMX	55			%	2	06/12/20	CG	30 - 150 %
% TCMX (Confirmation)	57			%	2	06/12/20	CG	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.7	0.95	ug/Kg	1	06/13/20	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.7	0.47	ug/Kg	1	06/13/20	JLI	SW8260C

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC6 (6-8)

Phoenix I.D.: CG11335

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
1,1,2,2-Tetrachloroethane	ND	4.7	0.95	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1,2-Trichloroethane	ND	4.7	0.95	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1-Dichloroethane	ND	4.7	0.95	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1-Dichloroethene	ND	4.7	0.47	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1-Dichloropropene	ND	4.7	0.47	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	4.7	0.95	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,3-Trichloropropane	ND	4.7	0.47	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	4.7	0.95	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	4.7	0.47	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	4.7	0.95	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dibromoethane	ND	4.7	0.47	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dichlorobenzene	ND	4.7	0.47	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dichloroethane	ND	4.7	0.47	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dichloropropane	ND	4.7	0.95	ug/Kg	1	06/13/20	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	4.7	0.47	ug/Kg	1	06/13/20	JLI	SW8260C	
1,3-Dichlorobenzene	ND	4.7	0.47	ug/Kg	1	06/13/20	JLI	SW8260C	
1,3-Dichloropropane	ND	4.7	0.95	ug/Kg	1	06/13/20	JLI	SW8260C	
1,4-Dichlorobenzene	ND	4.7	0.47	ug/Kg	1	06/13/20	JLI	SW8260C	
2,2-Dichloropropane	ND	4.7	0.47	ug/Kg	1	06/13/20	JLI	SW8260C	
2-Chlorotoluene	ND	4.7	0.95	ug/Kg	1	06/13/20	JLI	SW8260C	
2-Hexanone	ND	24	4.7	ug/Kg	1	06/13/20	JLI	SW8260C	
2-Isopropyltoluene	ND	4.7	0.47	ug/Kg	1	06/13/20	JLI	SW8260C	1
4-Chlorotoluene	ND	4.7	0.47	ug/Kg	1	06/13/20	JLI	SW8260C	
4-Methyl-2-pentanone	ND	24	4.7	ug/Kg	1	06/13/20	JLI	SW8260C	
Acetone	ND	24	4.7	ug/Kg	1	06/13/20	JLI	SW8260C	
Acrylonitrile	ND	9.5	0.95	ug/Kg	1	06/13/20	JLI	SW8260C	
Benzene	ND	4.7	0.47	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromobenzene	ND	4.7	0.47	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromochloromethane	ND	4.7	0.47	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromodichloromethane	ND	4.7	0.95	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromoform	ND	4.7	0.95	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromomethane	ND	4.7	1.9	ug/Kg	1	06/13/20	JLI	SW8260C	
Carbon Disulfide	ND	4.7	0.95	ug/Kg	1	06/13/20	JLI	SW8260C	
Carbon tetrachloride	ND	4.7	0.95	ug/Kg	1	06/13/20	JLI	SW8260C	
Chlorobenzene	ND	4.7	0.47	ug/Kg	1	06/13/20	JLI	SW8260C	
Chloroethane	ND	4.7	0.47	ug/Kg	1	06/13/20	JLI	SW8260C	
Chloroform	ND	4.7	0.47	ug/Kg	1	06/13/20	JLI	SW8260C	
Chloromethane	ND	4.7	0.95	ug/Kg	1	06/13/20	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	4.7	0.47	ug/Kg	1	06/13/20	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	4.7	0.47	ug/Kg	1	06/13/20	JLI	SW8260C	
Dibromochloromethane	ND	4.7	0.95	ug/Kg	1	06/13/20	JLI	SW8260C	
Dibromomethane	ND	4.7	0.95	ug/Kg	1	06/13/20	JLI	SW8260C	
Dichlorodifluoromethane	ND	4.7	0.47	ug/Kg	1	06/13/20	JLI	SW8260C	
Ethylbenzene	ND	4.7	0.47	ug/Kg	1	06/13/20	JLI	SW8260C	
Hexachlorobutadiene	ND	4.7	0.47	ug/Kg	1	06/13/20	JLI	SW8260C	
Isopropylbenzene	ND	4.7	0.47	ug/Kg	1	06/13/20	JLI	SW8260C	
m&p-Xylene	ND	4.7	0.95	ug/Kg	1	06/13/20	JLI	SW8260C	
Methyl Ethyl Ketone	ND	28	4.7	ug/Kg	1	06/13/20	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	9.5	0.95	ug/Kg	1	06/13/20	JLI	SW8260C	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Methylene chloride	ND		4.7	4.7	ug/Kg	1	06/13/20	JLI	SW8260C
Naphthalene	ND		4.7	0.95	ug/Kg	1	06/13/20	JLI	SW8260C
n-Butylbenzene	ND		4.7	0.47	ug/Kg	1	06/13/20	JLI	SW8260C
n-Propylbenzene	ND		4.7	0.95	ug/Kg	1	06/13/20	JLI	SW8260C
o-Xylene	ND		4.7	0.95	ug/Kg	1	06/13/20	JLI	SW8260C
p-Isopropyltoluene	ND		4.7	0.47	ug/Kg	1	06/13/20	JLI	SW8260C
sec-Butylbenzene	ND		4.7	0.47	ug/Kg	1	06/13/20	JLI	SW8260C
Styrene	ND		4.7	0.47	ug/Kg	1	06/13/20	JLI	SW8260C
tert-Butylbenzene	ND		4.7	0.47	ug/Kg	1	06/13/20	JLI	SW8260C
Tetrachloroethene	2.1	J	4.7	0.95	ug/Kg	1	06/13/20	JLI	SW8260C
Tetrahydrofuran (THF)	ND		9.5	2.4	ug/Kg	1	06/13/20	JLI	SW8260C
Toluene	ND		4.7	0.47	ug/Kg	1	06/13/20	JLI	SW8260C
trans-1,2-Dichloroethene	ND		4.7	0.47	ug/Kg	1	06/13/20	JLI	SW8260C
trans-1,3-Dichloropropene	ND		4.7	0.47	ug/Kg	1	06/13/20	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND		9.5	2.4	ug/Kg	1	06/13/20	JLI	SW8260C
Trichloroethene	ND		4.7	0.47	ug/Kg	1	06/13/20	JLI	SW8260C
Trichlorofluoromethane	ND		4.7	0.95	ug/Kg	1	06/13/20	JLI	SW8260C
Trichlorotrifluoroethane	ND		4.7	0.47	ug/Kg	1	06/13/20	JLI	SW8260C
Vinyl chloride	ND		4.7	0.47	ug/Kg	1	06/13/20	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99				%	1	06/13/20	JLI	70 - 130 %
% Bromofluorobenzene	85				%	1	06/13/20	JLI	70 - 130 %
% Dibromofluoromethane	95				%	1	06/13/20	JLI	70 - 130 %
% Toluene-d8	98				%	1	06/13/20	JLI	70 - 130 %
1,4-dioxane									
1,4-dioxane	ND		71		ug/kg	1	06/13/20	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99				%	1	06/13/20	JLI	70 - 130 %
% Bromofluorobenzene	85				%	1	06/13/20	JLI	70 - 130 %
% Dibromofluoromethane	95				%	1	06/13/20	JLI	70 - 130 %
% Toluene-d8	98				%	1	06/13/20	JLI	70 - 130 %
Volatiles									
1,1,1,2-Tetrachloroethane	ND		19		ug/Kg	1	06/13/20	JLI	SW8260C
Acrolein	ND		4.7		ug/Kg	1	06/13/20	JLI	SW8260C
Acrylonitrile	ND		19		ug/Kg	1	06/13/20	JLI	SW8260C
Tert-butyl alcohol	ND		95		ug/Kg	1	06/13/20	JLI	SW8260C
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND		250	120	ug/Kg	1	06/12/20	WB	SW8270D
1,2,4-Trichlorobenzene	ND		250	110	ug/Kg	1	06/12/20	WB	SW8270D
1,2-Dichlorobenzene	ND		250	100	ug/Kg	1	06/12/20	WB	SW8270D
1,2-Diphenylhydrazine	ND		250	120	ug/Kg	1	06/12/20	WB	SW8270D
1,3-Dichlorobenzene	ND		250	100	ug/Kg	1	06/12/20	WB	SW8270D
1,4-Dichlorobenzene	ND		250	100	ug/Kg	1	06/12/20	WB	SW8270D
2,4,5-Trichlorophenol	ND		250	190	ug/Kg	1	06/12/20	WB	SW8270D
2,4,6-Trichlorophenol	ND		180	110	ug/Kg	1	06/12/20	WB	SW8270D
2,4-Dichlorophenol	ND		180	120	ug/Kg	1	06/12/20	WB	SW8270D
2,4-Dimethylphenol	ND		250	88	ug/Kg	1	06/12/20	WB	SW8270D

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC6 (6-8)

Phoenix I.D.: CG11335

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
2,4-Dinitrophenol	ND		250	250	ug/Kg	1	06/12/20	WB	SW8270D	
2,4-Dinitrotoluene	ND		180	140	ug/Kg	1	06/12/20	WB	SW8270D	
2,6-Dinitrotoluene	ND		180	110	ug/Kg	1	06/12/20	WB	SW8270D	
2-Chloronaphthalene	ND		250	100	ug/Kg	1	06/12/20	WB	SW8270D	
2-Chlorophenol	ND		250	100	ug/Kg	1	06/12/20	WB	SW8270D	
2-Methylnaphthalene	ND		250	110	ug/Kg	1	06/12/20	WB	SW8270D	
2-Methylphenol (o-cresol)	ND		250	170	ug/Kg	1	06/12/20	WB	SW8270D	
2-Nitroaniline	ND		250	250	ug/Kg	1	06/12/20	WB	SW8270D	
2-Nitrophenol	ND		250	220	ug/Kg	1	06/12/20	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		250	140	ug/Kg	1	06/12/20	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND		180	170	ug/Kg	1	06/12/20	WB	SW8270D	
3-Nitroaniline	ND		350	710	ug/Kg	1	06/12/20	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND		210	71	ug/Kg	1	06/12/20	WB	SW8270D	
4-Bromophenyl phenyl ether	ND		250	100	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chloro-3-methylphenol	ND		250	120	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chloroaniline	ND		280	160	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND		250	120	ug/Kg	1	06/12/20	WB	SW8270D	
4-Nitroaniline	ND		350	120	ug/Kg	1	06/12/20	WB	SW8270D	
4-Nitrophenol	ND		350	160	ug/Kg	1	06/12/20	WB	SW8270D	
Acenaphthene	ND		250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Acenaphthylene	ND		250	99	ug/Kg	1	06/12/20	WB	SW8270D	
Acetophenone	ND		250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Aniline	ND		280	280	ug/Kg	1	06/12/20	WB	SW8270D	
Anthracene	ND		250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benz(a)anthracene	170	J	250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzidine	ND		350	210	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(a)pyrene	200		180	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(b)fluoranthene	160	J	250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(ghi)perylene	170	J	250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(k)fluoranthene	130	J	250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzoic acid	ND		1800	710	ug/Kg	1	06/12/20	WB	SW8270D	
Benzyl butyl phthalate	ND		250	91	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND		250	98	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroethyl)ether	ND		180	95	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND		250	98	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	ND		250	100	ug/Kg	1	06/12/20	WB	SW8270D	
Carbazole	ND		180	140	ug/Kg	1	06/12/20	WB	SW8270D	
Chrysene	180	J	250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Dibenz(a,h)anthracene	ND		180	110	ug/Kg	1	06/12/20	WB	SW8270D	
Dibenzofuran	ND		250	100	ug/Kg	1	06/12/20	WB	SW8270D	
Diethyl phthalate	ND		250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Dimethylphthalate	ND		250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Di-n-butylphthalate	ND		250	94	ug/Kg	1	06/12/20	WB	SW8270D	
Di-n-octylphthalate	ND		250	91	ug/Kg	1	06/12/20	WB	SW8270D	
Fluoranthene	240	J	250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Fluorene	ND		250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorobenzene	ND		180	100	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorobutadiene	ND		250	130	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorocyclopentadiene	ND		250	110	ug/Kg	1	06/12/20	WB	SW8270D	

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC6 (6-8)

Phoenix I.D.: CG11335

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
Hexachloroethane	ND		180	110	ug/Kg	1	06/12/20	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	150	J	250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Isophorone	ND		180	99	ug/Kg	1	06/12/20	WB	SW8270D	
Naphthalene	ND		250	100	ug/Kg	1	06/12/20	WB	SW8270D	
Nitrobenzene	ND		180	120	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodimethylamine	ND		250	100	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND		180	110	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodiphenylamine	ND		250	140	ug/Kg	1	06/12/20	WB	SW8270D	
Pentachloronitrobenzene	ND		250	130	ug/Kg	1	06/12/20	WB	SW8270D	
Pentachlorophenol	ND		210	130	ug/Kg	1	06/12/20	WB	SW8270D	
Phenanthrene	140	J	250	100	ug/Kg	1	06/12/20	WB	SW8270D	
Phenol	ND		250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Pyrene	250		250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Pyridine	ND		250	87	ug/Kg	1	06/12/20	WB	SW8270D	
QA/QC Surrogates										
% 2,4,6-Tribromophenol	92				%	1	06/12/20	WB	30 - 130 %	
% 2-Fluorobiphenyl	59				%	1	06/12/20	WB	30 - 130 %	
% 2-Fluorophenol	51				%	1	06/12/20	WB	30 - 130 %	
% Nitrobenzene-d5	52				%	1	06/12/20	WB	30 - 130 %	
% Phenol-d5	62				%	1	06/12/20	WB	30 - 130 %	
% Terphenyl-d14	88				%	1	06/12/20	WB	30 - 130 %	
Field Extraction	Completed						06/10/20		SW5035A	1

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

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

Comments:

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

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

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
June 16, 2020
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Reference 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

June 16, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TB	06/10/20	
Location Code:	EBC	Received by:	CP	06/11/20	15:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG11328
Phoenix ID: CG11336

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC7 (0-2)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.40	0.40		mg/Kg	1	06/13/20	TH	SW6010D
Aluminum	8600	40		mg/Kg	10	06/12/20	TH	SW6010D
Arsenic	2.22	0.79		mg/Kg	1	06/13/20	TH	SW6010D
Barium	55.9	0.8		mg/Kg	1	06/13/20	TH	SW6010D
Beryllium	0.61	0.32		mg/Kg	1	06/13/20	TH	SW6010D
Calcium	26400	40		mg/Kg	10	06/12/20	TH	SW6010D
Cadmium	0.51	0.40		mg/Kg	1	06/13/20	TH	SW6010D
Cobalt	4.81	0.40		mg/Kg	1	06/13/20	TH	SW6010D
Chromium	13.2	0.40		mg/Kg	1	06/13/20	TH	SW6010D
Copper	15.2	0.8		mg/kg	1	06/13/20	TH	SW6010D
Iron	11200	40		mg/Kg	10	06/12/20	TH	SW6010D
Mercury	< 0.03	0.03		mg/Kg	2	06/12/20	RS	SW7471B
Potassium	1300	8		mg/Kg	1	06/13/20	TH	SW6010D
Magnesium	4480	4.0		mg/Kg	1	06/13/20	TH	SW6010D
Manganese	302	4.0		mg/Kg	10	06/12/20	TH	SW6010D
Sodium	771	8		mg/Kg	1	06/13/20	TH	SW6010D
Nickel	9.82	0.40		mg/Kg	1	06/13/20	TH	SW6010D
Lead	51.7	0.8		mg/Kg	1	06/13/20	TH	SW6010D
Antimony	< 4.0	4.0		mg/Kg	1	06/13/20	TH	SW6010D
Selenium	< 1.6	1.6		mg/Kg	1	06/13/20	TH	SW6010D
Thallium	< 1.6	1.6		mg/Kg	1	06/13/20	TH	SW6010D
Vanadium	16.5	0.40		mg/Kg	1	06/13/20	TH	SW6010D
Zinc	44.7	0.8		mg/Kg	1	06/13/20	TH	SW6010D
Percent Solid	89			%		06/11/20	JS	SW846-%Solid
Soil Extraction for PCB	Completed					06/11/20	RL	SW3545A
Soil Extraction for Pesticides	Completed					06/11/20	RL/EE	SW3545A
Mercury Digestion	Completed					06/12/20	VT/VT	SW7471B
Soil Extraction for SVOA	Completed					06/11/20	KK/MA	SW3546

Ver 1

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC7 (0-2)

Phoenix I.D.: CG11336

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Total Metals Digest	Completed					06/11/20	B/AG	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	73	73	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1221	ND	73	73	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1232	ND	73	73	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1242	ND	73	73	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1248	ND	73	73	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1254	ND	73	73	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1260	ND	73	73	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1262	ND	73	73	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1268	ND	73	73	ug/Kg	2	06/13/20	SC	SW8082A
QA/QC Surrogates								
% DCBP	70			%	2	06/13/20	SC	30 - 150 %
% DCBP (Confirmation)	66			%	2	06/13/20	SC	30 - 150 %
% TCMX	70			%	2	06/13/20	SC	30 - 150 %
% TCMX (Confirmation)	73			%	2	06/13/20	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.2		ug/Kg	2	06/13/20	CG	SW8081B
4,4' -DDE	ND	2.2		ug/Kg	2	06/13/20	CG	SW8081B
4,4' -DDT	ND	2.2		ug/Kg	2	06/13/20	CG	SW8081B
a-BHC	ND	7.3		ug/Kg	2	06/13/20	CG	SW8081B
a-Chlordane	ND	3.7		ug/Kg	2	06/13/20	CG	SW8081B
Aldrin	ND	3.7		ug/Kg	2	06/13/20	CG	SW8081B
b-BHC	ND	7.3		ug/Kg	2	06/13/20	CG	SW8081B
Chlordane	ND	37		ug/Kg	2	06/13/20	CG	SW8081B
d-BHC	ND	7.3		ug/Kg	2	06/13/20	CG	SW8081B
Dieldrin	ND	3.7		ug/Kg	2	06/13/20	CG	SW8081B
Endosulfan I	ND	7.3		ug/Kg	2	06/13/20	CG	SW8081B
Endosulfan II	ND	7.3		ug/Kg	2	06/13/20	CG	SW8081B
Endosulfan sulfate	ND	7.3		ug/Kg	2	06/13/20	CG	SW8081B
Endrin	ND	7.3		ug/Kg	2	06/13/20	CG	SW8081B
Endrin aldehyde	ND	7.3		ug/Kg	2	06/13/20	CG	SW8081B
Endrin ketone	ND	7.3		ug/Kg	2	06/13/20	CG	SW8081B
g-BHC	ND	1.5		ug/Kg	2	06/13/20	CG	SW8081B
g-Chlordane	ND	3.7		ug/Kg	2	06/13/20	CG	SW8081B
Heptachlor	ND	7.3		ug/Kg	2	06/13/20	CG	SW8081B
Heptachlor epoxide	ND	7.3		ug/Kg	2	06/13/20	CG	SW8081B
Methoxychlor	ND	37		ug/Kg	2	06/13/20	CG	SW8081B
Toxaphene	ND	150		ug/Kg	2	06/13/20	CG	SW8081B
QA/QC Surrogates								
% DCBP	63			%	2	06/13/20	CG	30 - 150 %
% DCBP (Confirmation)	58			%	2	06/13/20	CG	30 - 150 %
% TCMX	57			%	2	06/13/20	CG	30 - 150 %
% TCMX (Confirmation)	57			%	2	06/13/20	CG	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.4	0.88	ug/Kg	1	06/13/20	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.4	0.44	ug/Kg	1	06/13/20	JLI	SW8260C

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC7 (0-2)

Phoenix I.D.: CG11336

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
1,1,2,2-Tetrachloroethane	ND		4.4	0.88	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1,2-Trichloroethane	ND		4.4	0.88	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1-Dichloroethane	ND		4.4	0.88	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1-Dichloroethene	ND		4.4	0.44	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1-Dichloropropene	ND		4.4	0.44	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		4.4	0.88	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,3-Trichloropropane	ND		4.4	0.44	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		4.4	0.88	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,4-Trimethylbenzene	30	J	280	28	ug/Kg	50	06/14/20	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		4.4	0.88	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dibromoethane	ND		4.4	0.44	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dichlorobenzene	ND		4.4	0.44	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dichloroethane	ND		4.4	0.44	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dichloropropane	ND		4.4	0.88	ug/Kg	1	06/13/20	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		4.4	0.44	ug/Kg	1	06/13/20	JLI	SW8260C	
1,3-Dichlorobenzene	ND		4.4	0.44	ug/Kg	1	06/13/20	JLI	SW8260C	
1,3-Dichloropropane	ND		4.4	0.88	ug/Kg	1	06/13/20	JLI	SW8260C	
1,4-Dichlorobenzene	ND		4.4	0.44	ug/Kg	1	06/13/20	JLI	SW8260C	
2,2-Dichloropropane	ND		4.4	0.44	ug/Kg	1	06/13/20	JLI	SW8260C	
2-Chlorotoluene	ND		4.4	0.88	ug/Kg	1	06/13/20	JLI	SW8260C	
2-Hexanone	ND		22	4.4	ug/Kg	1	06/13/20	JLI	SW8260C	
2-Isopropyltoluene	ND		4.4	0.44	ug/Kg	1	06/13/20	JLI	SW8260C	1
4-Chlorotoluene	ND		4.4	0.44	ug/Kg	1	06/13/20	JLI	SW8260C	
4-Methyl-2-pentanone	ND		22	4.4	ug/Kg	1	06/13/20	JLI	SW8260C	
Acetone	16	JS	22	4.4	ug/Kg	1	06/13/20	JLI	SW8260C	
Acrylonitrile	ND		8.8	0.88	ug/Kg	1	06/13/20	JLI	SW8260C	
Benzene	6.4		4.4	0.44	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromobenzene	ND		4.4	0.44	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromochloromethane	ND		4.4	0.44	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromodichloromethane	ND		4.4	0.88	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromoform	ND		4.4	0.88	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromomethane	ND		4.4	1.8	ug/Kg	1	06/13/20	JLI	SW8260C	
Carbon Disulfide	ND		4.4	0.88	ug/Kg	1	06/13/20	JLI	SW8260C	
Carbon tetrachloride	ND		4.4	0.88	ug/Kg	1	06/13/20	JLI	SW8260C	
Chlorobenzene	ND		4.4	0.44	ug/Kg	1	06/13/20	JLI	SW8260C	
Chloroethane	ND		4.4	0.44	ug/Kg	1	06/13/20	JLI	SW8260C	
Chloroform	ND		4.4	0.44	ug/Kg	1	06/13/20	JLI	SW8260C	
Chloromethane	1.4	J	4.4	0.88	ug/Kg	1	06/13/20	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		4.4	0.44	ug/Kg	1	06/13/20	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		4.4	0.44	ug/Kg	1	06/13/20	JLI	SW8260C	
Dibromochloromethane	ND		4.4	0.88	ug/Kg	1	06/13/20	JLI	SW8260C	
Dibromomethane	ND		4.4	0.88	ug/Kg	1	06/13/20	JLI	SW8260C	
Dichlorodifluoromethane	ND		4.4	0.44	ug/Kg	1	06/13/20	JLI	SW8260C	
Ethylbenzene	0.75	J	4.4	0.44	ug/Kg	1	06/13/20	JLI	SW8260C	
Hexachlorobutadiene	ND		4.4	0.44	ug/Kg	1	06/13/20	JLI	SW8260C	
Isopropylbenzene	ND		4.4	0.44	ug/Kg	1	06/13/20	JLI	SW8260C	
m&p-Xylene	2.3	J	4.4	0.88	ug/Kg	1	06/13/20	JLI	SW8260C	
Methyl Ethyl Ketone	4.7	J	26	4.4	ug/Kg	1	06/13/20	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		8.8	0.88	ug/Kg	1	06/13/20	JLI	SW8260C	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Methylene chloride	ND		4.4	4.4	ug/Kg	1	06/13/20	JLI	SW8260C
Naphthalene	ND		4.4	0.88	ug/Kg	1	06/13/20	JLI	SW8260C
n-Butylbenzene	ND		4.4	0.44	ug/Kg	1	06/13/20	JLI	SW8260C
n-Propylbenzene	ND		4.4	0.88	ug/Kg	1	06/13/20	JLI	SW8260C
o-Xylene	1.5	J	4.4	0.88	ug/Kg	1	06/13/20	JLI	SW8260C
p-Isopropyltoluene	ND		4.4	0.44	ug/Kg	1	06/13/20	JLI	SW8260C
sec-Butylbenzene	ND		4.4	0.44	ug/Kg	1	06/13/20	JLI	SW8260C
Styrene	ND		4.4	0.44	ug/Kg	1	06/13/20	JLI	SW8260C
tert-Butylbenzene	ND		4.4	0.44	ug/Kg	1	06/13/20	JLI	SW8260C
Tetrachloroethene	ND		4.4	0.88	ug/Kg	1	06/13/20	JLI	SW8260C
Tetrahydrofuran (THF)	ND		8.8	2.2	ug/Kg	1	06/13/20	JLI	SW8260C
Toluene	5.8		4.4	0.44	ug/Kg	1	06/13/20	JLI	SW8260C
trans-1,2-Dichloroethene	ND		4.4	0.44	ug/Kg	1	06/13/20	JLI	SW8260C
trans-1,3-Dichloropropene	ND		4.4	0.44	ug/Kg	1	06/13/20	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND		8.8	2.2	ug/Kg	1	06/13/20	JLI	SW8260C
Trichloroethene	ND		4.4	0.44	ug/Kg	1	06/13/20	JLI	SW8260C
Trichlorofluoromethane	ND		4.4	0.88	ug/Kg	1	06/13/20	JLI	SW8260C
Trichlorotrifluoroethane	ND		4.4	0.44	ug/Kg	1	06/13/20	JLI	SW8260C
Vinyl chloride	ND		4.4	0.44	ug/Kg	1	06/13/20	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99				%	1	06/13/20	JLI	70 - 130 %
% Bromofluorobenzene	96				%	1	06/13/20	JLI	70 - 130 %
% Dibromofluoromethane	94				%	1	06/13/20	JLI	70 - 130 %
% Toluene-d8	99				%	1	06/13/20	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	101				%	50	06/14/20	JLI	70 - 130 %
% Bromofluorobenzene (50x)	98				%	50	06/14/20	JLI	70 - 130 %
% Dibromofluoromethane (50x)	93				%	50	06/14/20	JLI	70 - 130 %
% Toluene-d8 (50x)	99				%	50	06/14/20	JLI	70 - 130 %
1,4-dioxane									
1,4-dioxane	ND		66		ug/kg	1	06/13/20	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99				%	1	06/13/20	JLI	70 - 130 %
% Bromofluorobenzene	96				%	1	06/13/20	JLI	70 - 130 %
% Dibromofluoromethane	94				%	1	06/13/20	JLI	70 - 130 %
% Toluene-d8	99				%	1	06/13/20	JLI	70 - 130 %
Volatiles									
1,1,1,2-Tetrachloroethane	ND		18		ug/Kg	1	06/13/20	JLI	SW8260C
Acrolein	ND		4.4		ug/Kg	1	06/13/20	JLI	SW8260C
Acrylonitrile	ND		18		ug/Kg	1	06/13/20	JLI	SW8260C
Tert-butyl alcohol	ND		88		ug/Kg	1	06/13/20	JLI	SW8260C
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND		260	130	ug/Kg	1	06/12/20	WB	SW8270D
1,2,4-Trichlorobenzene	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D
1,2-Dichlorobenzene	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D
1,2-Diphenylhydrazine	ND		260	120	ug/Kg	1	06/12/20	WB	SW8270D
1,3-Dichlorobenzene	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D
1,4-Dichlorobenzene	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC7 (0-2)

Phoenix I.D.: CG11336

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
2,4,5-Trichlorophenol	ND		260	200	ug/Kg	1	06/12/20	WB	SW8270D	
2,4,6-Trichlorophenol	ND		190	120	ug/Kg	1	06/12/20	WB	SW8270D	
2,4-Dichlorophenol	ND		190	130	ug/Kg	1	06/12/20	WB	SW8270D	
2,4-Dimethylphenol	ND		260	93	ug/Kg	1	06/12/20	WB	SW8270D	
2,4-Dinitrophenol	ND		260	260	ug/Kg	1	06/12/20	WB	SW8270D	
2,4-Dinitrotoluene	ND		190	150	ug/Kg	1	06/12/20	WB	SW8270D	
2,6-Dinitrotoluene	ND		190	120	ug/Kg	1	06/12/20	WB	SW8270D	
2-Chloronaphthalene	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
2-Chlorophenol	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
2-Methylnaphthalene	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
2-Methylphenol (o-cresol)	ND		260	180	ug/Kg	1	06/12/20	WB	SW8270D	
2-Nitroaniline	ND		260	260	ug/Kg	1	06/12/20	WB	SW8270D	
2-Nitrophenol	ND		260	240	ug/Kg	1	06/12/20	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		260	150	ug/Kg	1	06/12/20	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND		190	180	ug/Kg	1	06/12/20	WB	SW8270D	
3-Nitroaniline	ND		370	750	ug/Kg	1	06/12/20	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND		220	75	ug/Kg	1	06/12/20	WB	SW8270D	
4-Bromophenyl phenyl ether	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chloro-3-methylphenol	ND		260	130	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chloroaniline	ND		300	170	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND		260	130	ug/Kg	1	06/12/20	WB	SW8270D	
4-Nitroaniline	ND		370	120	ug/Kg	1	06/12/20	WB	SW8270D	
4-Nitrophenol	ND		370	170	ug/Kg	1	06/12/20	WB	SW8270D	
Acenaphthene	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
Acenaphthylene	ND		260	100	ug/Kg	1	06/12/20	WB	SW8270D	
Acetophenone	ND		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Aniline	ND		300	300	ug/Kg	1	06/12/20	WB	SW8270D	
Anthracene	ND		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benz(a)anthracene	140	J	260	130	ug/Kg	1	06/12/20	WB	SW8270D	
Benzidine	ND		370	220	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(a)pyrene	160	J	190	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(b)fluoranthene	ND		260	130	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(ghi)perylene	210	J	260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(k)fluoranthene	ND		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzoic acid	ND		1900	750	ug/Kg	1	06/12/20	WB	SW8270D	
Benzyl butyl phthalate	ND		260	96	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND		260	100	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroethyl)ether	ND		190	100	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND		260	100	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
Carbazole	ND		190	150	ug/Kg	1	06/12/20	WB	SW8270D	
Chrysene	130	J	260	130	ug/Kg	1	06/12/20	WB	SW8270D	
Dibenz(a,h)anthracene	ND		190	120	ug/Kg	1	06/12/20	WB	SW8270D	
Dibenzofuran	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
Diethyl phthalate	ND		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Dimethylphthalate	ND		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Di-n-butylphthalate	ND		260	99	ug/Kg	1	06/12/20	WB	SW8270D	
Di-n-octylphthalate	ND		260	96	ug/Kg	1	06/12/20	WB	SW8270D	
Fluoranthene	190	J	260	120	ug/Kg	1	06/12/20	WB	SW8270D	

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Phoenix I.D.: CG11336

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
Fluorene	ND		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorobenzene	ND		190	110	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorobutadiene	ND		260	140	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorocyclopentadiene	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachloroethane	ND		190	110	ug/Kg	1	06/12/20	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	160	J	260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Isophorone	ND		190	100	ug/Kg	1	06/12/20	WB	SW8270D	
Naphthalene	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
Nitrobenzene	ND		190	130	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodimethylamine	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND		190	120	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodiphenylamine	ND		260	140	ug/Kg	1	06/12/20	WB	SW8270D	
Pentachloronitrobenzene	ND		260	140	ug/Kg	1	06/12/20	WB	SW8270D	
Pentachlorophenol	ND		220	140	ug/Kg	1	06/12/20	WB	SW8270D	
Phenanthrene	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
Phenol	ND		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Pyrene	170	J	260	130	ug/Kg	1	06/12/20	WB	SW8270D	
Pyridine	ND		260	92	ug/Kg	1	06/12/20	WB	SW8270D	
QA/QC Surrogates										
% 2,4,6-Tribromophenol	88				%	1	06/12/20	WB	30 - 130 %	
% 2-Fluorobiphenyl	64				%	1	06/12/20	WB	30 - 130 %	
% 2-Fluorophenol	60				%	1	06/12/20	WB	30 - 130 %	
% Nitrobenzene-d5	62				%	1	06/12/20	WB	30 - 130 %	
% Phenol-d5	68				%	1	06/12/20	WB	30 - 130 %	
% Terphenyl-d14	76				%	1	06/12/20	WB	30 - 130 %	
Field Extraction	Completed						06/10/20		SW5035A	1

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

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

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

Comments:

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

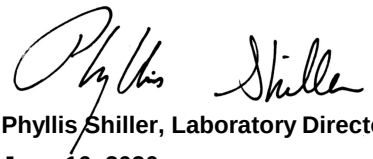
Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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

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

S - Laboratory solvent, contamination is possible.

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



Phyllis Shiller, Laboratory Director

June 16, 2020

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Reference 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

June 16, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TB	06/10/20	
Location Code:	EBC	Received by:	CP	06/11/20	15:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG11328
Phoenix ID: CG11337

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC8 (0-2)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.34	0.34		mg/Kg	1	06/13/20	TH	SW6010D
Aluminum	10300	34		mg/Kg	10	06/12/20	TH	SW6010D
Arsenic	8.04	0.68		mg/Kg	1	06/13/20	TH	SW6010D
Barium	686	0.7		mg/Kg	1	06/13/20	TH	SW6010D
Beryllium	0.50	0.27		mg/Kg	1	06/13/20	TH	SW6010D
Calcium	27200	34		mg/Kg	10	06/12/20	TH	SW6010D
Cadmium	1.89	0.34		mg/Kg	1	06/13/20	TH	SW6010D
Cobalt	10.4	0.34		mg/Kg	1	06/13/20	TH	SW6010D
Chromium	34.5	0.34		mg/Kg	1	06/13/20	TH	SW6010D
Copper	88.7	0.7		mg/kg	1	06/13/20	TH	SW6010D
Iron	45600	34		mg/Kg	10	06/12/20	TH	SW6010D
Mercury	0.34	0.03		mg/Kg	2	06/12/20	RS	SW7471B
Potassium	2460	7		mg/Kg	1	06/13/20	TH	SW6010D
Magnesium	7290	34		mg/Kg	10	06/12/20	TH	SW6010D
Manganese	353	3.4		mg/Kg	10	06/12/20	TH	SW6010D
Sodium	623	7		mg/Kg	1	06/13/20	TH	SW6010D
Nickel	22.1	0.34		mg/Kg	1	06/13/20	TH	SW6010D
Lead	809	6.8		mg/Kg	10	06/12/20	TH	SW6010D
Antimony	< 3.4	3.4		mg/Kg	1	06/13/20	TH	SW6010D
Selenium	< 1.4	1.4		mg/Kg	1	06/13/20	TH	SW6010D
Thallium	< 1.4	1.4		mg/Kg	1	06/13/20	TH	SW6010D
Vanadium	52.6	0.34		mg/Kg	1	06/13/20	TH	SW6010D
Zinc	517	6.8		mg/Kg	10	06/12/20	TH	SW6010D
Percent Solid	93			%		06/11/20	JS	SW846-%Solid
Soil Extraction for PCB	Completed					06/11/20	RL	SW3545A
Soil Extraction for Pesticides	Completed					06/11/20	RL/EE	SW3545A
Mercury Digestion	Completed					06/12/20	VT/VT	SW7471B
Soil Extraction for SVOA	Completed					06/11/20	KK/MA	SW3546

Ver 1

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC8 (0-2)

Phoenix I.D.: CG11337

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Total Metals Digest	Completed					06/11/20	B/AG	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	71	71	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1221	ND	71	71	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1232	ND	71	71	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1242	ND	71	71	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1248	ND	71	71	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1254	ND	71	71	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1260	ND	71	71	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1262	ND	71	71	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1268	ND	71	71	ug/Kg	2	06/13/20	SC	SW8082A
QA/QC Surrogates								
% DCBP	90			%	2	06/13/20	SC	30 - 150 %
% DCBP (Confirmation)	78			%	2	06/13/20	SC	30 - 150 %
% TCMX	73			%	2	06/13/20	SC	30 - 150 %
% TCMX (Confirmation)	69			%	2	06/13/20	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.1		ug/Kg	2	06/12/20	CG	SW8081B
4,4' -DDE	4.0	2.1		ug/Kg	2	06/12/20	CG	SW8081B
4,4' -DDT	19	2.1		ug/Kg	2	06/12/20	CG	SW8081B
a-BHC	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
a-Chlordane	ND	3.5		ug/Kg	2	06/12/20	CG	SW8081B
Aldrin	ND	3.5		ug/Kg	2	06/12/20	CG	SW8081B
b-BHC	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
Chlordane	ND	35		ug/Kg	2	06/12/20	CG	SW8081B
d-BHC	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
Dieldrin	ND	3.5		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan I	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan II	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan sulfate	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
Endrin	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
Endrin aldehyde	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
Endrin ketone	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
g-BHC	ND	1.4		ug/Kg	2	06/12/20	CG	SW8081B
g-Chlordane	ND	3.5		ug/Kg	2	06/12/20	CG	SW8081B
Heptachlor	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
Heptachlor epoxide	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
Methoxychlor	ND	35		ug/Kg	2	06/12/20	CG	SW8081B
Toxaphene	ND	140		ug/Kg	2	06/12/20	CG	SW8081B
QA/QC Surrogates								
% DCBP	79			%	2	06/12/20	CG	30 - 150 %
% DCBP (Confirmation)	74			%	2	06/12/20	CG	30 - 150 %
% TCMX	62			%	2	06/12/20	CG	30 - 150 %
% TCMX (Confirmation)	62			%	2	06/12/20	CG	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.8	0.96	ug/Kg	1	06/13/20	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.8	0.48	ug/Kg	1	06/13/20	JLI	SW8260C

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC8 (0-2)

Phoenix I.D.: CG11337

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
1,1,2,2-Tetrachloroethane	ND		4.8	0.96	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1,2-Trichloroethane	ND		4.8	0.96	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1-Dichloroethane	ND		4.8	0.96	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1-Dichloroethene	ND		4.8	0.48	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1-Dichloropropene	ND		4.8	0.48	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		4.8	0.96	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,3-Trichloropropane	ND		4.8	0.48	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		4.8	0.96	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		4.8	0.48	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		4.8	0.96	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dibromoethane	ND		4.8	0.48	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dichlorobenzene	ND		4.8	0.48	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dichloroethane	ND		4.8	0.48	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dichloropropane	ND		4.8	0.96	ug/Kg	1	06/13/20	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		4.8	0.48	ug/Kg	1	06/13/20	JLI	SW8260C	
1,3-Dichlorobenzene	ND		4.8	0.48	ug/Kg	1	06/13/20	JLI	SW8260C	
1,3-Dichloropropane	ND		4.8	0.96	ug/Kg	1	06/13/20	JLI	SW8260C	
1,4-Dichlorobenzene	ND		4.8	0.48	ug/Kg	1	06/13/20	JLI	SW8260C	
2,2-Dichloropropane	ND		4.8	0.48	ug/Kg	1	06/13/20	JLI	SW8260C	
2-Chlorotoluene	ND		4.8	0.96	ug/Kg	1	06/13/20	JLI	SW8260C	
2-Hexanone	ND		24	4.8	ug/Kg	1	06/13/20	JLI	SW8260C	
2-Isopropyltoluene	ND		4.8	0.48	ug/Kg	1	06/13/20	JLI	SW8260C	1
4-Chlorotoluene	ND		4.8	0.48	ug/Kg	1	06/13/20	JLI	SW8260C	
4-Methyl-2-pentanone	ND		24	4.8	ug/Kg	1	06/13/20	JLI	SW8260C	
Acetone	8.2	JS	24	4.8	ug/Kg	1	06/13/20	JLI	SW8260C	
Acrylonitrile	ND		9.6	0.96	ug/Kg	1	06/13/20	JLI	SW8260C	
Benzene	ND		4.8	0.48	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromobenzene	ND		4.8	0.48	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromochloromethane	ND		4.8	0.48	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromodichloromethane	ND		4.8	0.96	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromoform	ND		4.8	0.96	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromomethane	ND		4.8	1.9	ug/Kg	1	06/13/20	JLI	SW8260C	
Carbon Disulfide	ND		4.8	0.96	ug/Kg	1	06/13/20	JLI	SW8260C	
Carbon tetrachloride	ND		4.8	0.96	ug/Kg	1	06/13/20	JLI	SW8260C	
Chlorobenzene	ND		4.8	0.48	ug/Kg	1	06/13/20	JLI	SW8260C	
Chloroethane	ND		4.8	0.48	ug/Kg	1	06/13/20	JLI	SW8260C	
Chloroform	ND		4.8	0.48	ug/Kg	1	06/13/20	JLI	SW8260C	
Chloromethane	ND		4.8	0.96	ug/Kg	1	06/13/20	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		4.8	0.48	ug/Kg	1	06/13/20	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		4.8	0.48	ug/Kg	1	06/13/20	JLI	SW8260C	
Dibromochloromethane	ND		4.8	0.96	ug/Kg	1	06/13/20	JLI	SW8260C	
Dibromomethane	ND		4.8	0.96	ug/Kg	1	06/13/20	JLI	SW8260C	
Dichlorodifluoromethane	ND		4.8	0.48	ug/Kg	1	06/13/20	JLI	SW8260C	
Ethylbenzene	ND		4.8	0.48	ug/Kg	1	06/13/20	JLI	SW8260C	
Hexachlorobutadiene	ND		4.8	0.48	ug/Kg	1	06/13/20	JLI	SW8260C	
Isopropylbenzene	ND		4.8	0.48	ug/Kg	1	06/13/20	JLI	SW8260C	
m&p-Xylene	ND		4.8	0.96	ug/Kg	1	06/13/20	JLI	SW8260C	
Methyl Ethyl Ketone	ND		29	4.8	ug/Kg	1	06/13/20	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		9.6	0.96	ug/Kg	1	06/13/20	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Methylene chloride	ND	4.8	4.8	ug/Kg	1	06/13/20	JLI	SW8260C
Naphthalene	ND	4.8	0.96	ug/Kg	1	06/13/20	JLI	SW8260C
n-Butylbenzene	ND	4.8	0.48	ug/Kg	1	06/13/20	JLI	SW8260C
n-Propylbenzene	ND	4.8	0.96	ug/Kg	1	06/13/20	JLI	SW8260C
o-Xylene	ND	4.8	0.96	ug/Kg	1	06/13/20	JLI	SW8260C
p-Isopropyltoluene	ND	4.8	0.48	ug/Kg	1	06/13/20	JLI	SW8260C
sec-Butylbenzene	ND	4.8	0.48	ug/Kg	1	06/13/20	JLI	SW8260C
Styrene	ND	4.8	0.48	ug/Kg	1	06/13/20	JLI	SW8260C
tert-Butylbenzene	ND	4.8	0.48	ug/Kg	1	06/13/20	JLI	SW8260C
Tetrachloroethene	ND	4.8	0.96	ug/Kg	1	06/13/20	JLI	SW8260C
Tetrahydrofuran (THF)	ND	9.6	2.4	ug/Kg	1	06/13/20	JLI	SW8260C
Toluene	ND	4.8	0.48	ug/Kg	1	06/13/20	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.8	0.48	ug/Kg	1	06/13/20	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.8	0.48	ug/Kg	1	06/13/20	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	9.6	2.4	ug/Kg	1	06/13/20	JLI	SW8260C
Trichloroethene	ND	4.8	0.48	ug/Kg	1	06/13/20	JLI	SW8260C
Trichlorofluoromethane	ND	4.8	0.96	ug/Kg	1	06/13/20	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.8	0.48	ug/Kg	1	06/13/20	JLI	SW8260C
Vinyl chloride	ND	4.8	0.48	ug/Kg	1	06/13/20	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	1	06/13/20	JLI	70 - 130 %
% Bromofluorobenzene	92			%	1	06/13/20	JLI	70 - 130 %
% Dibromofluoromethane	93			%	1	06/13/20	JLI	70 - 130 %
% Toluene-d8	98			%	1	06/13/20	JLI	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	72		ug/kg	1	06/13/20	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	1	06/13/20	JLI	70 - 130 %
% Bromofluorobenzene	92			%	1	06/13/20	JLI	70 - 130 %
% Dibromofluoromethane	93			%	1	06/13/20	JLI	70 - 130 %
% Toluene-d8	98			%	1	06/13/20	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	19		ug/Kg	1	06/13/20	JLI	SW8260C
Acrolein	ND	4.8		ug/Kg	1	06/13/20	JLI	SW8260C
Acrylonitrile	ND	19		ug/Kg	1	06/13/20	JLI	SW8260C
Tert-butyl alcohol	ND	96		ug/Kg	1	06/13/20	JLI	SW8260C
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	250	120	ug/Kg	1	06/12/20	WB	SW8270D
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	06/12/20	WB	SW8270D
1,2-Dichlorobenzene	ND	250	100	ug/Kg	1	06/12/20	WB	SW8270D
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	1	06/12/20	WB	SW8270D
1,3-Dichlorobenzene	ND	250	100	ug/Kg	1	06/12/20	WB	SW8270D
1,4-Dichlorobenzene	ND	250	100	ug/Kg	1	06/12/20	WB	SW8270D
2,4,5-Trichlorophenol	ND	250	190	ug/Kg	1	06/12/20	WB	SW8270D
2,4,6-Trichlorophenol	ND	180	110	ug/Kg	1	06/12/20	WB	SW8270D
2,4-Dichlorophenol	ND	180	120	ug/Kg	1	06/12/20	WB	SW8270D
2,4-Dimethylphenol	ND	250	88	ug/Kg	1	06/12/20	WB	SW8270D

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC8 (0-2)

Phoenix I.D.: CG11337

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
2,4-Dinitrophenol	ND		250	250	ug/Kg	1	06/12/20	WB	SW8270D	
2,4-Dinitrotoluene	ND		180	140	ug/Kg	1	06/12/20	WB	SW8270D	
2,6-Dinitrotoluene	ND		180	110	ug/Kg	1	06/12/20	WB	SW8270D	
2-Chloronaphthalene	ND		250	100	ug/Kg	1	06/12/20	WB	SW8270D	
2-Chlorophenol	ND		250	100	ug/Kg	1	06/12/20	WB	SW8270D	
2-Methylnaphthalene	ND		250	110	ug/Kg	1	06/12/20	WB	SW8270D	
2-Methylphenol (o-cresol)	ND		250	170	ug/Kg	1	06/12/20	WB	SW8270D	
2-Nitroaniline	ND		250	250	ug/Kg	1	06/12/20	WB	SW8270D	
2-Nitrophenol	ND		250	220	ug/Kg	1	06/12/20	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		250	140	ug/Kg	1	06/12/20	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND		180	170	ug/Kg	1	06/12/20	WB	SW8270D	
3-Nitroaniline	ND		350	710	ug/Kg	1	06/12/20	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND		210	71	ug/Kg	1	06/12/20	WB	SW8270D	
4-Bromophenyl phenyl ether	ND		250	100	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chloro-3-methylphenol	ND		250	120	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chloroaniline	ND		280	170	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND		250	120	ug/Kg	1	06/12/20	WB	SW8270D	
4-Nitroaniline	ND		350	120	ug/Kg	1	06/12/20	WB	SW8270D	
4-Nitrophenol	ND		350	160	ug/Kg	1	06/12/20	WB	SW8270D	
Acenaphthene	ND		250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Acenaphthylene	260		250	99	ug/Kg	1	06/12/20	WB	SW8270D	
Acetophenone	ND		250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Aniline	ND		280	280	ug/Kg	1	06/12/20	WB	SW8270D	
Anthracene	320		250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benz(a)anthracene	890		250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzidine	ND		350	210	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(a)pyrene	890		180	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(b)fluoranthene	780		250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(ghi)perylene	570		250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(k)fluoranthene	700		250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzoic acid	ND		1800	710	ug/Kg	1	06/12/20	WB	SW8270D	
Benzyl butyl phthalate	ND		250	91	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND		250	98	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroethyl)ether	ND		180	96	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND		250	99	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	ND		250	100	ug/Kg	1	06/12/20	WB	SW8270D	
Carbazole	ND		180	140	ug/Kg	1	06/12/20	WB	SW8270D	
Chrysene	940		250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Dibenz(a,h)anthracene	130	J	180	110	ug/Kg	1	06/12/20	WB	SW8270D	
Dibenzofuran	ND		250	100	ug/Kg	1	06/12/20	WB	SW8270D	
Diethyl phthalate	ND		250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Dimethylphthalate	ND		250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Di-n-butylphthalate	ND		250	94	ug/Kg	1	06/12/20	WB	SW8270D	
Di-n-octylphthalate	ND		250	91	ug/Kg	1	06/12/20	WB	SW8270D	
Fluoranthene	2100		250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Fluorene	ND		250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorobenzene	ND		180	100	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorobutadiene	ND		250	130	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorocyclopentadiene	ND		250	110	ug/Kg	1	06/12/20	WB	SW8270D	

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC8 (0-2)

Phoenix I.D.: CG11337

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
Hexachloroethane	ND	180	110	ug/Kg	1	06/12/20	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	600	250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Isophorone	ND	180	99	ug/Kg	1	06/12/20	WB	SW8270D	
Naphthalene	ND	250	100	ug/Kg	1	06/12/20	WB	SW8270D	
Nitrobenzene	ND	180	120	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodimethylamine	ND	250	100	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	180	110	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	06/12/20	WB	SW8270D	
Pentachloronitrobenzene	ND	250	130	ug/Kg	1	06/12/20	WB	SW8270D	
Pentachlorophenol	ND	210	130	ug/Kg	1	06/12/20	WB	SW8270D	
Phenanthrene	1200	250	100	ug/Kg	1	06/12/20	WB	SW8270D	
Phenol	ND	250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Pyrene	1900	250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Pyridine	ND	250	87	ug/Kg	1	06/12/20	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	72			%	1	06/12/20	WB	30 - 130 %	
% 2-Fluorobiphenyl	48			%	1	06/12/20	WB	30 - 130 %	
% 2-Fluorophenol	44			%	1	06/12/20	WB	30 - 130 %	
% Nitrobenzene-d5	45			%	1	06/12/20	WB	30 - 130 %	
% Phenol-d5	52			%	1	06/12/20	WB	30 - 130 %	
% Terphenyl-d14	63			%	1	06/12/20	WB	30 - 130 %	
Field Extraction	Completed					06/10/20		SW5035A	1

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

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

Comments:

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

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

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

June 16, 2020

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Reference 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

June 16, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TB	06/10/20	
Location Code:	EBC	Received by:	CP	06/11/20	15:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG11328
Phoenix ID: CG11338

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC8 (5-7)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.31	0.31		mg/Kg	1	06/13/20	TH	SW6010D
Aluminum	6060	31		mg/Kg	10	06/12/20	TH	SW6010D
Arsenic	2.72	0.62		mg/Kg	1	06/13/20	TH	SW6010D
Barium	29.3	0.6		mg/Kg	1	06/13/20	TH	SW6010D
Beryllium	0.34	0.25		mg/Kg	1	06/13/20	TH	SW6010D
Calcium	1040	3.1		mg/Kg	1	06/13/20	TH	SW6010D
Cadmium	0.50	0.31		mg/Kg	1	06/13/20	TH	SW6010D
Cobalt	4.68	0.31		mg/Kg	1	06/13/20	TH	SW6010D
Chromium	12.9	0.31		mg/Kg	1	06/13/20	TH	SW6010D
Copper	96.7	0.6		mg/kg	1	06/13/20	TH	SW6010D
Iron	13300	31		mg/Kg	10	06/12/20	TH	SW6010D
Mercury	0.15	0.03		mg/Kg	2	06/12/20	RS	SW7471B
Potassium	695	6		mg/Kg	1	06/13/20	TH	SW6010D
Magnesium	1950	3.1		mg/Kg	1	06/13/20	TH	SW6010D
Manganese	205	3.1		mg/Kg	10	06/12/20	TH	SW6010D
Sodium	120	6		mg/Kg	1	06/13/20	TH	SW6010D
Nickel	10.5	0.31		mg/Kg	1	06/13/20	TH	SW6010D
Lead	59.0	0.6		mg/Kg	1	06/13/20	TH	SW6010D
Antimony	< 3.1	3.1		mg/Kg	1	06/13/20	TH	SW6010D
Selenium	< 1.2	1.2		mg/Kg	1	06/13/20	TH	SW6010D
Thallium	< 1.2	1.2		mg/Kg	1	06/13/20	TH	SW6010D
Vanadium	13.4	0.31		mg/Kg	1	06/13/20	TH	SW6010D
Zinc	45.6	0.6		mg/Kg	1	06/13/20	TH	SW6010D
Percent Solid	96			%		06/11/20	JS	SW846-%Solid
Soil Extraction for PCB	Completed					06/11/20	RL/EE	SW3545A
Soil Extraction for Pesticides	Completed					06/11/20	RL/EE	SW3545A
Mercury Digestion	Completed					06/12/20	VT/VT	SW7471B
Soil Extraction for SVOA	Completed					06/11/20	KK/MA	SW3546

Ver 1

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC8 (5-7)

Phoenix I.D.: CG11338

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Total Metals Digest	Completed					06/11/20	B/AG	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	69	69	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1221	ND	69	69	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1232	ND	69	69	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1242	ND	69	69	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1248	ND	69	69	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1254	ND	69	69	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1260	ND	69	69	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1262	ND	69	69	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1268	ND	69	69	ug/Kg	2	06/15/20	SC	SW8082A
QA/QC Surrogates								
% DCBP	81			%	2	06/15/20	SC	30 - 150 %
% DCBP (Confirmation)	75			%	2	06/15/20	SC	30 - 150 %
% TCMX	59			%	2	06/15/20	SC	30 - 150 %
% TCMX (Confirmation)	59			%	2	06/15/20	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.1		ug/Kg	2	06/12/20	CG	SW8081B
4,4' -DDE	ND	2.1		ug/Kg	2	06/12/20	CG	SW8081B
4,4' -DDT	ND	2.1		ug/Kg	2	06/12/20	CG	SW8081B
a-BHC	ND	6.9		ug/Kg	2	06/12/20	CG	SW8081B
a-Chlordane	ND	3.4		ug/Kg	2	06/12/20	CG	SW8081B
Aldrin	ND	3.4		ug/Kg	2	06/12/20	CG	SW8081B
b-BHC	ND	6.9		ug/Kg	2	06/12/20	CG	SW8081B
Chlordane	ND	34		ug/Kg	2	06/12/20	CG	SW8081B
d-BHC	ND	6.9		ug/Kg	2	06/12/20	CG	SW8081B
Dieldrin	ND	3.4		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan I	ND	6.9		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan II	ND	6.9		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan sulfate	ND	6.9		ug/Kg	2	06/12/20	CG	SW8081B
Endrin	ND	6.9		ug/Kg	2	06/12/20	CG	SW8081B
Endrin aldehyde	ND	6.9		ug/Kg	2	06/12/20	CG	SW8081B
Endrin ketone	ND	6.9		ug/Kg	2	06/12/20	CG	SW8081B
g-BHC	ND	1.4		ug/Kg	2	06/12/20	CG	SW8081B
g-Chlordane	ND	3.4		ug/Kg	2	06/12/20	CG	SW8081B
Heptachlor	ND	6.9		ug/Kg	2	06/12/20	CG	SW8081B
Heptachlor epoxide	ND	6.9		ug/Kg	2	06/12/20	CG	SW8081B
Methoxychlor	ND	34		ug/Kg	2	06/12/20	CG	SW8081B
Toxaphene	ND	140		ug/Kg	2	06/12/20	CG	SW8081B
QA/QC Surrogates								
% DCBP	69			%	2	06/12/20	CG	30 - 150 %
% DCBP (Confirmation)	61			%	2	06/12/20	CG	30 - 150 %
% TCMX	51			%	2	06/12/20	CG	30 - 150 %
% TCMX (Confirmation)	50			%	2	06/12/20	CG	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.6	1.1	ug/Kg	1	06/13/20	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.6	0.56	ug/Kg	1	06/13/20	JLI	SW8260C

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC8 (5-7)

Phoenix I.D.: CG11338

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
1,1,2,2-Tetrachloroethane	ND		470	95	ug/Kg	50	06/14/20	JLI	SW8260C	
1,1,2-Trichloroethane	ND		5.6	1.1	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1-Dichloroethane	ND		5.6	1.1	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1-Dichloroethene	ND		5.6	0.56	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1-Dichloropropene	ND		5.6	0.56	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		470	95	ug/Kg	50	06/14/20	JLI	SW8260C	
1,2,3-Trichloropropane	ND		470	47	ug/Kg	50	06/14/20	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		470	95	ug/Kg	50	06/14/20	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		470	47	ug/Kg	50	06/14/20	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		470	95	ug/Kg	50	06/14/20	JLI	SW8260C	
1,2-Dibromoethane	ND		5.6	0.56	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dichlorobenzene	ND		470	47	ug/Kg	50	06/14/20	JLI	SW8260C	
1,2-Dichloroethane	ND		5.6	0.56	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dichloropropane	ND		5.6	1.1	ug/Kg	1	06/13/20	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		470	47	ug/Kg	50	06/14/20	JLI	SW8260C	
1,3-Dichlorobenzene	ND		470	47	ug/Kg	50	06/14/20	JLI	SW8260C	
1,3-Dichloropropane	ND		5.6	1.1	ug/Kg	1	06/13/20	JLI	SW8260C	
1,4-Dichlorobenzene	ND		470	47	ug/Kg	50	06/14/20	JLI	SW8260C	
2,2-Dichloropropane	ND		5.6	0.56	ug/Kg	1	06/13/20	JLI	SW8260C	
2-Chlorotoluene	ND		470	95	ug/Kg	50	06/14/20	JLI	SW8260C	
2-Hexanone	ND		28	5.6	ug/Kg	1	06/13/20	JLI	SW8260C	
2-Isopropyltoluene	ND		470	47	ug/Kg	50	06/14/20	JLI	SW8260C	1
4-Chlorotoluene	ND		470	47	ug/Kg	50	06/14/20	JLI	SW8260C	
4-Methyl-2-pentanone	ND		28	5.6	ug/Kg	1	06/13/20	JLI	SW8260C	
Acetone	7.3	JS	28	5.6	ug/Kg	1	06/13/20	JLI	SW8260C	
Acrylonitrile	ND		11	1.1	ug/Kg	1	06/13/20	JLI	SW8260C	
Benzene	ND		5.6	0.56	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromobenzene	ND		470	47	ug/Kg	50	06/14/20	JLI	SW8260C	
Bromochloromethane	ND		5.6	0.56	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromodichloromethane	ND		5.6	1.1	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromoform	ND		5.6	1.1	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromomethane	ND		5.6	2.2	ug/Kg	1	06/13/20	JLI	SW8260C	
Carbon Disulfide	ND		5.6	1.1	ug/Kg	1	06/13/20	JLI	SW8260C	
Carbon tetrachloride	ND		5.6	1.1	ug/Kg	1	06/13/20	JLI	SW8260C	
Chlorobenzene	ND		5.6	0.56	ug/Kg	1	06/13/20	JLI	SW8260C	
Chloroethane	ND		5.6	0.56	ug/Kg	1	06/13/20	JLI	SW8260C	
Chloroform	ND		5.6	0.56	ug/Kg	1	06/13/20	JLI	SW8260C	
Chloromethane	ND		5.6	1.1	ug/Kg	1	06/13/20	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		5.6	0.56	ug/Kg	1	06/13/20	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		5.6	0.56	ug/Kg	1	06/13/20	JLI	SW8260C	
Dibromochloromethane	ND		5.6	1.1	ug/Kg	1	06/13/20	JLI	SW8260C	
Dibromomethane	ND		5.6	1.1	ug/Kg	1	06/13/20	JLI	SW8260C	
Dichlorodifluoromethane	ND		5.6	0.56	ug/Kg	1	06/13/20	JLI	SW8260C	
Ethylbenzene	ND		5.6	0.56	ug/Kg	1	06/13/20	JLI	SW8260C	
Hexachlorobutadiene	ND		470	47	ug/Kg	50	06/14/20	JLI	SW8260C	
Isopropylbenzene	ND		470	47	ug/Kg	50	06/14/20	JLI	SW8260C	
m&p-Xylene	ND		5.6	1.1	ug/Kg	1	06/13/20	JLI	SW8260C	
Methyl Ethyl Ketone	ND		33	5.6	ug/Kg	1	06/13/20	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		11	1.1	ug/Kg	1	06/13/20	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Methylene chloride	ND	5.6	5.6	ug/Kg	1	06/13/20	JLI	SW8260C
Naphthalene	ND	470	95	ug/Kg	50	06/14/20	JLI	SW8260C
n-Butylbenzene	ND	470	47	ug/Kg	50	06/14/20	JLI	SW8260C
n-Propylbenzene	ND	470	95	ug/Kg	50	06/14/20	JLI	SW8260C
o-Xylene	ND	5.6	1.1	ug/Kg	1	06/13/20	JLI	SW8260C
p-Isopropyltoluene	ND	470	47	ug/Kg	50	06/14/20	JLI	SW8260C
sec-Butylbenzene	ND	470	47	ug/Kg	50	06/14/20	JLI	SW8260C
Styrene	ND	5.6	0.56	ug/Kg	1	06/13/20	JLI	SW8260C
tert-Butylbenzene	ND	470	47	ug/Kg	50	06/14/20	JLI	SW8260C
Tetrachloroethene	ND	5.6	1.1	ug/Kg	1	06/13/20	JLI	SW8260C
Tetrahydrofuran (THF)	ND	11	2.8	ug/Kg	1	06/13/20	JLI	SW8260C
Toluene	ND	5.6	0.56	ug/Kg	1	06/13/20	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.6	0.56	ug/Kg	1	06/13/20	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.6	0.56	ug/Kg	1	06/13/20	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	950	240	ug/Kg	50	06/14/20	JLI	SW8260C
Trichloroethene	ND	5.6	0.56	ug/Kg	1	06/13/20	JLI	SW8260C
Trichlorofluoromethane	ND	5.6	1.1	ug/Kg	1	06/13/20	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.6	0.56	ug/Kg	1	06/13/20	JLI	SW8260C
Vinyl chloride	ND	5.6	0.56	ug/Kg	1	06/13/20	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	106			%	1	06/13/20	JLI	70 - 130 %
% Bromofluorobenzene	81			%	1	06/13/20	JLI	70 - 130 %
% Dibromofluoromethane	98			%	1	06/13/20	JLI	70 - 130 %
% Toluene-d8	98			%	1	06/13/20	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	100			%	50	06/14/20	JLI	70 - 130 %
% Bromofluorobenzene (50x)	98			%	50	06/14/20	JLI	70 - 130 %
% Dibromofluoromethane (50x)	92			%	50	06/14/20	JLI	70 - 130 %
% Toluene-d8 (50x)	99			%	50	06/14/20	JLI	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	84		ug/kg	1	06/13/20	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	106			%	1	06/13/20	JLI	70 - 130 %
% Bromofluorobenzene	81			%	1	06/13/20	JLI	70 - 130 %
% Dibromofluoromethane	98			%	1	06/13/20	JLI	70 - 130 %
% Toluene-d8	98			%	1	06/13/20	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	22		ug/Kg	1	06/13/20	JLI	SW8260C
Acrolein	ND	5.6		ug/Kg	1	06/13/20	JLI	SW8260C
Acrylonitrile	ND	22		ug/Kg	1	06/13/20	JLI	SW8260C
Tert-butyl alcohol	ND	110		ug/Kg	1	06/13/20	JLI	SW8260C
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	1	06/12/20	WB	SW8270D
1,2,4-Trichlorobenzene	ND	240	100	ug/Kg	1	06/12/20	WB	SW8270D
1,2-Dichlorobenzene	ND	240	96	ug/Kg	1	06/12/20	WB	SW8270D
1,2-Diphenylhydrazine	ND	240	110	ug/Kg	1	06/12/20	WB	SW8270D
1,3-Dichlorobenzene	ND	240	100	ug/Kg	1	06/12/20	WB	SW8270D
1,4-Dichlorobenzene	ND	240	100	ug/Kg	1	06/12/20	WB	SW8270D

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC8 (5-7)

Phoenix I.D.: CG11338

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
2,4,5-Trichlorophenol	ND	240	190	ug/Kg	1	06/12/20	WB	SW8270D	
2,4,6-Trichlorophenol	ND	170	110	ug/Kg	1	06/12/20	WB	SW8270D	
2,4-Dichlorophenol	ND	170	120	ug/Kg	1	06/12/20	WB	SW8270D	
2,4-Dimethylphenol	ND	240	85	ug/Kg	1	06/12/20	WB	SW8270D	
2,4-Dinitrophenol	ND	240	240	ug/Kg	1	06/12/20	WB	SW8270D	
2,4-Dinitrotoluene	ND	170	130	ug/Kg	1	06/12/20	WB	SW8270D	
2,6-Dinitrotoluene	ND	170	110	ug/Kg	1	06/12/20	WB	SW8270D	
2-Chloronaphthalene	ND	240	97	ug/Kg	1	06/12/20	WB	SW8270D	
2-Chlorophenol	ND	240	97	ug/Kg	1	06/12/20	WB	SW8270D	
2-Methylnaphthalene	ND	240	100	ug/Kg	1	06/12/20	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	240	160	ug/Kg	1	06/12/20	WB	SW8270D	
2-Nitroaniline	ND	240	240	ug/Kg	1	06/12/20	WB	SW8270D	
2-Nitrophenol	ND	240	220	ug/Kg	1	06/12/20	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	240	130	ug/Kg	1	06/12/20	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	170	160	ug/Kg	1	06/12/20	WB	SW8270D	
3-Nitroaniline	ND	340	680	ug/Kg	1	06/12/20	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	200	68	ug/Kg	1	06/12/20	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	240	100	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chloro-3-methylphenol	ND	240	120	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chloroaniline	ND	270	160	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	240	110	ug/Kg	1	06/12/20	WB	SW8270D	
4-Nitroaniline	ND	340	110	ug/Kg	1	06/12/20	WB	SW8270D	
4-Nitrophenol	ND	340	150	ug/Kg	1	06/12/20	WB	SW8270D	
Acenaphthene	ND	240	100	ug/Kg	1	06/12/20	WB	SW8270D	
Acenaphthylene	ND	240	96	ug/Kg	1	06/12/20	WB	SW8270D	
Acetophenone	ND	240	110	ug/Kg	1	06/12/20	WB	SW8270D	
Aniline	ND	270	270	ug/Kg	1	06/12/20	WB	SW8270D	
Anthracene	ND	240	110	ug/Kg	1	06/12/20	WB	SW8270D	
Benz(a)anthracene	ND	240	110	ug/Kg	1	06/12/20	WB	SW8270D	
Benzidine	ND	340	200	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(a)pyrene	ND	170	110	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(b)fluoranthene	ND	240	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(ghi)perylene	ND	240	110	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(k)fluoranthene	ND	240	110	ug/Kg	1	06/12/20	WB	SW8270D	
Benzoic acid	ND	1700	680	ug/Kg	1	06/12/20	WB	SW8270D	
Benzyl butyl phthalate	ND	240	88	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	240	94	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroethyl)ether	ND	170	92	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND	240	95	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	240	98	ug/Kg	1	06/12/20	WB	SW8270D	
Carbazole	ND	170	140	ug/Kg	1	06/12/20	WB	SW8270D	
Chrysene	ND	240	110	ug/Kg	1	06/12/20	WB	SW8270D	
Dibenz(a,h)anthracene	ND	170	110	ug/Kg	1	06/12/20	WB	SW8270D	
Dibenzofuran	ND	240	100	ug/Kg	1	06/12/20	WB	SW8270D	
Diethyl phthalate	ND	240	110	ug/Kg	1	06/12/20	WB	SW8270D	
Dimethylphthalate	ND	240	110	ug/Kg	1	06/12/20	WB	SW8270D	
Di-n-butylphthalate	ND	240	91	ug/Kg	1	06/12/20	WB	SW8270D	
Di-n-octylphthalate	ND	240	88	ug/Kg	1	06/12/20	WB	SW8270D	
Fluoranthene	ND	240	110	ug/Kg	1	06/12/20	WB	SW8270D	

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC8 (5-7)

Phoenix I.D.: CG11338

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
Fluorene	ND	240	110	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorobenzene	ND	170	100	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorobutadiene	ND	240	120	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorocyclopentadiene	ND	240	100	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachloroethane	ND	170	100	ug/Kg	1	06/12/20	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	240	110	ug/Kg	1	06/12/20	WB	SW8270D	
Isophorone	ND	170	96	ug/Kg	1	06/12/20	WB	SW8270D	
Naphthalene	ND	240	98	ug/Kg	1	06/12/20	WB	SW8270D	
Nitrobenzene	ND	170	120	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodimethylamine	ND	240	96	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	170	110	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodiphenylamine	ND	240	130	ug/Kg	1	06/12/20	WB	SW8270D	
Pentachloronitrobenzene	ND	240	130	ug/Kg	1	06/12/20	WB	SW8270D	
Pentachlorophenol	ND	200	130	ug/Kg	1	06/12/20	WB	SW8270D	
Phenanthrene	ND	240	98	ug/Kg	1	06/12/20	WB	SW8270D	
Phenol	ND	240	110	ug/Kg	1	06/12/20	WB	SW8270D	
Pyrene	ND	240	120	ug/Kg	1	06/12/20	WB	SW8270D	
Pyridine	ND	240	84	ug/Kg	1	06/12/20	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	79			%	1	06/12/20	WB	30 - 130 %	
% 2-Fluorobiphenyl	55			%	1	06/12/20	WB	30 - 130 %	
% 2-Fluorophenol	48			%	1	06/12/20	WB	30 - 130 %	
% Nitrobenzene-d5	48			%	1	06/12/20	WB	30 - 130 %	
% Phenol-d5	54			%	1	06/12/20	WB	30 - 130 %	
% Terphenyl-d14	78			%	1	06/12/20	WB	30 - 130 %	
Field Extraction	Completed					06/10/20		SW5035A	1

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

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

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

Comments:

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

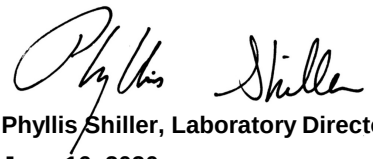
Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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

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

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

June 16, 2020

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Reference 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

June 16, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TB	06/10/20	
Location Code:	EBC	Received by:	CP	06/11/20	15:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG11328
Phoenix ID: CG11339

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC8 (10-12)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.33	0.33		mg/Kg	1	06/13/20	TH	SW6010D
Aluminum	9320	33		mg/Kg	10	06/12/20	TH	SW6010D
Arsenic	3.11	0.66		mg/Kg	1	06/13/20	TH	SW6010D
Barium	54.6	0.7		mg/Kg	1	06/13/20	TH	SW6010D
Beryllium	0.39	0.27		mg/Kg	1	06/13/20	TH	SW6010D
Calcium	658	3.3		mg/Kg	1	06/13/20	TH	SW6010D
Cadmium	1.47	0.33		mg/Kg	1	06/13/20	TH	SW6010D
Cobalt	6.06	0.33		mg/Kg	1	06/13/20	TH	SW6010D
Chromium	13.4	0.33		mg/Kg	1	06/13/20	TH	SW6010D
Copper	27.2	0.7		mg/kg	1	06/13/20	TH	SW6010D
Iron	17000	33		mg/Kg	10	06/12/20	TH	SW6010D
Mercury	0.07	0.06		mg/Kg	5	06/12/20	RS	SW7471B
Potassium	464	7		mg/Kg	1	06/13/20	TH	SW6010D
Magnesium	1660	3.3		mg/Kg	1	06/13/20	TH	SW6010D
Manganese	261	3.3		mg/Kg	10	06/12/20	TH	SW6010D
Sodium	73	7		mg/Kg	1	06/13/20	TH	SW6010D
Nickel	13.7	0.33		mg/Kg	1	06/13/20	TH	SW6010D
Lead	59.6	0.7		mg/Kg	1	06/13/20	TH	SW6010D
Antimony	< 3.3	3.3		mg/Kg	1	06/13/20	TH	SW6010D
Selenium	< 1.3	1.3		mg/Kg	1	06/13/20	TH	SW6010D
Thallium	< 1.3	1.3		mg/Kg	1	06/13/20	TH	SW6010D
Vanadium	14.6	0.33		mg/Kg	1	06/13/20	TH	SW6010D
Zinc	483	6.6		mg/Kg	10	06/12/20	TH	SW6010D
Percent Solid	94			%		06/11/20	JS	SW846-%Solid
Soil Extraction for PCB	Completed					06/11/20	RL/EE	SW3545A
Soil Extraction for Pesticides	Completed					06/11/20	RL/EE	SW3545A
Mercury Digestion	Completed					06/12/20	VT/VT	SW7471B
Soil Extraction for SVOA	Completed					06/11/20	KK/MA	SW3546

Ver 1

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC8 (10-12)

Phoenix I.D.: CG11339

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Total Metals Digest	Completed					06/11/20	B/AG	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	71	71	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1221	ND	71	71	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1232	ND	71	71	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1242	ND	71	71	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1248	ND	71	71	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1254	ND	71	71	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1260	ND	71	71	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1262	ND	71	71	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1268	ND	71	71	ug/Kg	2	06/13/20	SC	SW8082A
QA/QC Surrogates								
% DCBP	73			%	2	06/13/20	SC	30 - 150 %
% DCBP (Confirmation)	70			%	2	06/13/20	SC	30 - 150 %
% TCMX	65			%	2	06/13/20	SC	30 - 150 %
% TCMX (Confirmation)	70			%	2	06/13/20	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.1		ug/Kg	2	06/12/20	CG	SW8081B
4,4' -DDE	ND	2.1		ug/Kg	2	06/12/20	CG	SW8081B
4,4' -DDT	ND	2.1		ug/Kg	2	06/12/20	CG	SW8081B
a-BHC	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
a-Chlordane	ND	3.5		ug/Kg	2	06/12/20	CG	SW8081B
Aldrin	ND	3.5		ug/Kg	2	06/12/20	CG	SW8081B
b-BHC	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
Chlordane	ND	35		ug/Kg	2	06/12/20	CG	SW8081B
d-BHC	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
Dieldrin	ND	3.5		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan I	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan II	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan sulfate	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
Endrin	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
Endrin aldehyde	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
Endrin ketone	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
g-BHC	ND	1.4		ug/Kg	2	06/12/20	CG	SW8081B
g-Chlordane	ND	3.5		ug/Kg	2	06/12/20	CG	SW8081B
Heptachlor	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
Heptachlor epoxide	ND	7.1		ug/Kg	2	06/12/20	CG	SW8081B
Methoxychlor	ND	35		ug/Kg	2	06/12/20	CG	SW8081B
Toxaphene	ND	140		ug/Kg	2	06/12/20	CG	SW8081B
QA/QC Surrogates								
% DCBP	67			%	2	06/12/20	CG	30 - 150 %
% DCBP (Confirmation)	64			%	2	06/12/20	CG	30 - 150 %
% TCMX	52			%	2	06/12/20	CG	30 - 150 %
% TCMX (Confirmation)	53			%	2	06/12/20	CG	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.4	0.88	ug/Kg	1	06/13/20	GL	SW8260C
1,1,1-Trichloroethane	ND	4.4	0.44	ug/Kg	1	06/13/20	GL	SW8260C

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC8 (10-12)

Phoenix I.D.: CG11339

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
1,1,2,2-Tetrachloroethane	ND		4.4	0.88	ug/Kg	1	06/13/20	GL	SW8260C	
1,1,2-Trichloroethane	ND		4.4	0.88	ug/Kg	1	06/13/20	GL	SW8260C	
1,1-Dichloroethane	ND		4.4	0.88	ug/Kg	1	06/13/20	GL	SW8260C	
1,1-Dichloroethene	ND		4.4	0.44	ug/Kg	1	06/13/20	GL	SW8260C	
1,1-Dichloropropene	ND		4.4	0.44	ug/Kg	1	06/13/20	GL	SW8260C	
1,2,3-Trichlorobenzene	ND		4.4	0.88	ug/Kg	1	06/13/20	GL	SW8260C	
1,2,3-Trichloropropane	ND		4.4	0.44	ug/Kg	1	06/13/20	GL	SW8260C	
1,2,4-Trichlorobenzene	ND		4.4	0.88	ug/Kg	1	06/13/20	GL	SW8260C	
1,2,4-Trimethylbenzene	ND		4.4	0.44	ug/Kg	1	06/13/20	GL	SW8260C	
1,2-Dibromo-3-chloropropane	ND		4.4	0.88	ug/Kg	1	06/13/20	GL	SW8260C	
1,2-Dibromoethane	ND		4.4	0.44	ug/Kg	1	06/13/20	GL	SW8260C	
1,2-Dichlorobenzene	ND		4.4	0.44	ug/Kg	1	06/13/20	GL	SW8260C	
1,2-Dichloroethane	ND		4.4	0.44	ug/Kg	1	06/13/20	GL	SW8260C	
1,2-Dichloropropane	ND		4.4	0.88	ug/Kg	1	06/13/20	GL	SW8260C	
1,3,5-Trimethylbenzene	ND		4.4	0.44	ug/Kg	1	06/13/20	GL	SW8260C	
1,3-Dichlorobenzene	ND		4.4	0.44	ug/Kg	1	06/13/20	GL	SW8260C	
1,3-Dichloropropane	ND		4.4	0.88	ug/Kg	1	06/13/20	GL	SW8260C	
1,4-Dichlorobenzene	ND		4.4	0.44	ug/Kg	1	06/13/20	GL	SW8260C	
2,2-Dichloropropane	ND		4.4	0.44	ug/Kg	1	06/13/20	GL	SW8260C	
2-Chlorotoluene	ND		4.4	0.88	ug/Kg	1	06/13/20	GL	SW8260C	
2-Hexanone	ND		22	4.4	ug/Kg	1	06/13/20	GL	SW8260C	
2-Isopropyltoluene	ND		4.4	0.44	ug/Kg	1	06/13/20	GL	SW8260C	1
4-Chlorotoluene	ND		4.4	0.44	ug/Kg	1	06/13/20	GL	SW8260C	
4-Methyl-2-pentanone	ND		22	4.4	ug/Kg	1	06/13/20	GL	SW8260C	
Acetone	26	JSL	27	5.3	ug/Kg	1	06/16/20	GL	SW8260C	
Acrylonitrile	ND		8.8	0.88	ug/Kg	1	06/13/20	GL	SW8260C	
Benzene	ND		4.4	0.44	ug/Kg	1	06/13/20	GL	SW8260C	
Bromobenzene	ND		4.4	0.44	ug/Kg	1	06/13/20	GL	SW8260C	
Bromochloromethane	ND		4.4	0.44	ug/Kg	1	06/13/20	GL	SW8260C	
Bromodichloromethane	ND		4.4	0.88	ug/Kg	1	06/13/20	GL	SW8260C	
Bromoform	ND		4.4	0.88	ug/Kg	1	06/13/20	GL	SW8260C	
Bromomethane	ND		4.4	1.8	ug/Kg	1	06/13/20	GL	SW8260C	
Carbon Disulfide	1.2	J	4.4	0.88	ug/Kg	1	06/13/20	GL	SW8260C	
Carbon tetrachloride	ND		4.4	0.88	ug/Kg	1	06/13/20	GL	SW8260C	
Chlorobenzene	ND		4.4	0.44	ug/Kg	1	06/13/20	GL	SW8260C	
Chloroethane	ND		4.4	0.44	ug/Kg	1	06/13/20	GL	SW8260C	
Chloroform	ND		4.4	0.44	ug/Kg	1	06/13/20	GL	SW8260C	
Chloromethane	ND		4.4	0.88	ug/Kg	1	06/13/20	GL	SW8260C	
cis-1,2-Dichloroethene	ND		4.4	0.44	ug/Kg	1	06/13/20	GL	SW8260C	
cis-1,3-Dichloropropene	ND		4.4	0.44	ug/Kg	1	06/13/20	GL	SW8260C	
Dibromochloromethane	ND		4.4	0.88	ug/Kg	1	06/13/20	GL	SW8260C	
Dibromomethane	ND		4.4	0.88	ug/Kg	1	06/13/20	GL	SW8260C	
Dichlorodifluoromethane	ND		4.4	0.44	ug/Kg	1	06/13/20	GL	SW8260C	
Ethylbenzene	ND		4.4	0.44	ug/Kg	1	06/13/20	GL	SW8260C	
Hexachlorobutadiene	ND		4.4	0.44	ug/Kg	1	06/13/20	GL	SW8260C	
Isopropylbenzene	ND		4.4	0.44	ug/Kg	1	06/13/20	GL	SW8260C	
m&p-Xylene	ND		4.4	0.88	ug/Kg	1	06/13/20	GL	SW8260C	
Methyl Ethyl Ketone	14	J	26	4.4	ug/Kg	1	06/13/20	GL	SW8260C	
Methyl t-butyl ether (MTBE)	ND		8.8	0.88	ug/Kg	1	06/13/20	GL	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Methylene chloride	ND	4.4	4.4	ug/Kg	1	06/13/20	GL	SW8260C
Naphthalene	ND	4.4	0.88	ug/Kg	1	06/13/20	GL	SW8260C
n-Butylbenzene	ND	4.4	0.44	ug/Kg	1	06/13/20	GL	SW8260C
n-Propylbenzene	ND	4.4	0.88	ug/Kg	1	06/13/20	GL	SW8260C
o-Xylene	ND	4.4	0.88	ug/Kg	1	06/13/20	GL	SW8260C
p-Isopropyltoluene	ND	4.4	0.44	ug/Kg	1	06/13/20	GL	SW8260C
sec-Butylbenzene	ND	4.4	0.44	ug/Kg	1	06/13/20	GL	SW8260C
Styrene	ND	4.4	0.44	ug/Kg	1	06/13/20	GL	SW8260C
tert-Butylbenzene	ND	4.4	0.44	ug/Kg	1	06/13/20	GL	SW8260C
Tetrachloroethene	ND	4.4	0.88	ug/Kg	1	06/13/20	GL	SW8260C
Tetrahydrofuran (THF)	ND	8.8	2.2	ug/Kg	1	06/13/20	GL	SW8260C
Toluene	ND	4.4	0.44	ug/Kg	1	06/13/20	GL	SW8260C
trans-1,2-Dichloroethene	ND	4.4	0.44	ug/Kg	1	06/13/20	GL	SW8260C
trans-1,3-Dichloropropene	ND	4.4	0.44	ug/Kg	1	06/13/20	GL	SW8260C
trans-1,4-dichloro-2-butene	ND	8.8	2.2	ug/Kg	1	06/13/20	GL	SW8260C
Trichloroethene	ND	4.4	0.44	ug/Kg	1	06/13/20	GL	SW8260C
Trichlorofluoromethane	ND	4.4	0.88	ug/Kg	1	06/13/20	GL	SW8260C
Trichlorotrifluoroethane	ND	4.4	0.44	ug/Kg	1	06/13/20	GL	SW8260C
Vinyl chloride	ND	4.4	0.44	ug/Kg	1	06/13/20	GL	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	104			%	1	06/13/20	GL	70 - 130 %
% Bromofluorobenzene	88			%	1	06/13/20	GL	70 - 130 %
% Dibromofluoromethane	95			%	1	06/13/20	GL	70 - 130 %
% Toluene-d8	99			%	1	06/13/20	GL	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	66		ug/kg	1	06/13/20	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	104			%	1	06/13/20	JLI	70 - 130 %
% Bromofluorobenzene	88			%	1	06/13/20	JLI	70 - 130 %
% Dibromofluoromethane	95			%	1	06/13/20	JLI	70 - 130 %
% Toluene-d8	99			%	1	06/13/20	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	18		ug/Kg	1	06/13/20	JLI	SW8260C
Acrolein	ND	4.4		ug/Kg	1	06/13/20	JLI	SW8260C
Acrylonitrile	ND	18		ug/Kg	1	06/13/20	JLI	SW8260C
Tert-butyl alcohol	ND	88		ug/Kg	1	06/13/20	JLI	SW8260C
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	250	120	ug/Kg	1	06/12/20	WB	SW8270D
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	06/12/20	WB	SW8270D
1,2-Dichlorobenzene	ND	250	100	ug/Kg	1	06/12/20	WB	SW8270D
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	1	06/12/20	WB	SW8270D
1,3-Dichlorobenzene	ND	250	100	ug/Kg	1	06/12/20	WB	SW8270D
1,4-Dichlorobenzene	ND	250	100	ug/Kg	1	06/12/20	WB	SW8270D
2,4,5-Trichlorophenol	ND	250	190	ug/Kg	1	06/12/20	WB	SW8270D
2,4,6-Trichlorophenol	ND	180	110	ug/Kg	1	06/12/20	WB	SW8270D
2,4-Dichlorophenol	ND	180	120	ug/Kg	1	06/12/20	WB	SW8270D
2,4-Dimethylphenol	ND	250	88	ug/Kg	1	06/12/20	WB	SW8270D

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC8 (10-12)

Phoenix I.D.: CG11339

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
2,4-Dinitrophenol	ND	250	250	ug/Kg	1	06/12/20	WB	SW8270D	
2,4-Dinitrotoluene	ND	180	140	ug/Kg	1	06/12/20	WB	SW8270D	
2,6-Dinitrotoluene	ND	180	110	ug/Kg	1	06/12/20	WB	SW8270D	
2-Chloronaphthalene	ND	250	100	ug/Kg	1	06/12/20	WB	SW8270D	
2-Chlorophenol	ND	250	100	ug/Kg	1	06/12/20	WB	SW8270D	
2-Methylnaphthalene	ND	250	110	ug/Kg	1	06/12/20	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	1	06/12/20	WB	SW8270D	
2-Nitroaniline	ND	250	250	ug/Kg	1	06/12/20	WB	SW8270D	
2-Nitrophenol	ND	250	220	ug/Kg	1	06/12/20	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	1	06/12/20	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	180	170	ug/Kg	1	06/12/20	WB	SW8270D	
3-Nitroaniline	ND	350	710	ug/Kg	1	06/12/20	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	210	71	ug/Kg	1	06/12/20	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	250	100	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chloro-3-methylphenol	ND	250	120	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chloroaniline	ND	280	160	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	1	06/12/20	WB	SW8270D	
4-Nitroaniline	ND	350	120	ug/Kg	1	06/12/20	WB	SW8270D	
4-Nitrophenol	ND	350	160	ug/Kg	1	06/12/20	WB	SW8270D	
Acenaphthene	ND	250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Acenaphthylene	ND	250	99	ug/Kg	1	06/12/20	WB	SW8270D	
Acetophenone	ND	250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Aniline	ND	280	280	ug/Kg	1	06/12/20	WB	SW8270D	
Anthracene	ND	250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benz(a)anthracene	ND	250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzidine	ND	350	210	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(a)pyrene	ND	180	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(b)fluoranthene	ND	250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(ghi)perylene	ND	250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(k)fluoranthene	ND	250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzoic acid	ND	1800	710	ug/Kg	1	06/12/20	WB	SW8270D	
Benzyl butyl phthalate	ND	250	91	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	250	98	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroethyl)ether	ND	180	96	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND	250	98	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	1	06/12/20	WB	SW8270D	
Carbazole	ND	180	140	ug/Kg	1	06/12/20	WB	SW8270D	
Chrysene	ND	250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Dibenz(a,h)anthracene	ND	180	110	ug/Kg	1	06/12/20	WB	SW8270D	
Dibenzofuran	ND	250	100	ug/Kg	1	06/12/20	WB	SW8270D	
Diethyl phthalate	ND	250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Dimethylphthalate	ND	250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Di-n-butylphthalate	ND	250	94	ug/Kg	1	06/12/20	WB	SW8270D	
Di-n-octylphthalate	ND	250	91	ug/Kg	1	06/12/20	WB	SW8270D	
Fluoranthene	ND	250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Fluorene	ND	250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorobenzene	ND	180	100	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorobutadiene	ND	250	130	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	1	06/12/20	WB	SW8270D	

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC8 (10-12)

Phoenix I.D.: CG11339

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
Hexachloroethane	ND	180	110	ug/Kg	1	06/12/20	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Isophorone	ND	180	99	ug/Kg	1	06/12/20	WB	SW8270D	
Naphthalene	ND	250	100	ug/Kg	1	06/12/20	WB	SW8270D	
Nitrobenzene	ND	180	120	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodimethylamine	ND	250	100	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	180	110	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	06/12/20	WB	SW8270D	
Pentachloronitrobenzene	ND	250	130	ug/Kg	1	06/12/20	WB	SW8270D	
Pentachlorophenol	ND	210	130	ug/Kg	1	06/12/20	WB	SW8270D	
Phenanthrene	ND	250	100	ug/Kg	1	06/12/20	WB	SW8270D	
Phenol	ND	250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Pyrene	ND	250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Pyridine	ND	250	87	ug/Kg	1	06/12/20	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	82			%	1	06/12/20	WB	30 - 130 %	
% 2-Fluorobiphenyl	55			%	1	06/12/20	WB	30 - 130 %	
% 2-Fluorophenol	53			%	1	06/12/20	WB	30 - 130 %	
% Nitrobenzene-d5	51			%	1	06/12/20	WB	30 - 130 %	
% Phenol-d5	58			%	1	06/12/20	WB	30 - 130 %	
% Terphenyl-d14	80			%	1	06/12/20	WB	30 - 130 %	
Field Extraction	Completed					06/10/20		SW5035A	1

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

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

Comments:

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

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

L - Acetone is reported from a Phoenix prepared low level. A negative bias is possible.

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

June 16, 2020

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Ver 1

Reference 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

June 16, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TB	06/10/20	
Location Code:	EBC	Received by:	CP	06/11/20	15:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG11328
Phoenix ID: CG11340

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC9 (0-2)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	0.57	0.35		mg/Kg	1	06/13/20	TH	SW6010D
Aluminum	6170	35		mg/Kg	10	06/12/20	TH	SW6010D
Arsenic	9.39	0.70		mg/Kg	1	06/13/20	TH	SW6010D
Barium	339	0.7		mg/Kg	1	06/13/20	TH	SW6010D
Beryllium	0.42	0.28		mg/Kg	1	06/13/20	TH	SW6010D
Calcium	14800	35		mg/Kg	10	06/12/20	TH	SW6010D
Cadmium	2.19	0.35		mg/Kg	1	06/13/20	TH	SW6010D
Cobalt	7.64	0.35		mg/Kg	1	06/13/20	TH	SW6010D
Chromium	21.7	0.35		mg/Kg	1	06/13/20	TH	SW6010D
Copper	508	7.0		mg/kg	10	06/12/20	TH	SW6010D
Iron	22100	35		mg/Kg	10	06/12/20	TH	SW6010D
Mercury	0.58	0.06		mg/Kg	5	06/12/20	RS	SW7471B
Potassium	989	7		mg/Kg	1	06/13/20	TH	SW6010D
Magnesium	3170	3.5		mg/Kg	1	06/13/20	TH	SW6010D
Manganese	270	3.5		mg/Kg	10	06/12/20	TH	SW6010D
Sodium	480	7		mg/Kg	1	06/13/20	TH	SW6010D
Nickel	24.0	0.35		mg/Kg	1	06/13/20	TH	SW6010D
Lead	748	7.0		mg/Kg	10	06/12/20	TH	SW6010D
Antimony	11.5	3.5		mg/Kg	1	06/13/20	TH	SW6010D
Selenium	< 1.4	1.4		mg/Kg	1	06/13/20	TH	SW6010D
Thallium	< 1.4	1.4		mg/Kg	1	06/13/20	TH	SW6010D
Vanadium	22.3	0.35		mg/Kg	1	06/13/20	TH	SW6010D
Zinc	396	7.0		mg/Kg	10	06/12/20	TH	SW6010D
Percent Solid	92			%		06/11/20	JS	SW846-%Solid
Soil Extraction for PCB	Completed					06/11/20	RL/EE	SW3545A
Soil Extraction for Pesticides	Completed					06/11/20	RL/EE	SW3545A
Mercury Digestion	Completed					06/12/20	VT/VT	SW7471B
Soil Extraction for SVOA	Completed					06/11/20	KK/MA	SW3546

Ver 1

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC9 (0-2)

Phoenix I.D.: CG11340

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Total Metals Digest	Completed					06/11/20	B/AG	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	72	72	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1221	ND	72	72	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1232	ND	72	72	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1242	ND	72	72	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1248	ND	72	72	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1254	ND	72	72	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1260	ND	72	72	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1262	ND	72	72	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1268	ND	72	72	ug/Kg	2	06/13/20	SC	SW8082A
QA/QC Surrogates								
% DCBP	76			%	2	06/13/20	SC	30 - 150 %
% DCBP (Confirmation)	75			%	2	06/13/20	SC	30 - 150 %
% TCMX	70			%	2	06/13/20	SC	30 - 150 %
% TCMX (Confirmation)	72			%	2	06/13/20	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.2		ug/Kg	2	06/12/20	CG	SW8081B
4,4' -DDE	ND	2.2		ug/Kg	2	06/12/20	CG	SW8081B
4,4' -DDT	4.6	2.2		ug/Kg	2	06/12/20	CG	SW8081B
a-BHC	ND	7.2		ug/Kg	2	06/12/20	CG	SW8081B
a-Chlordane	ND	3.6		ug/Kg	2	06/12/20	CG	SW8081B
Aldrin	ND	3.6		ug/Kg	2	06/12/20	CG	SW8081B
b-BHC	ND	7.2		ug/Kg	2	06/12/20	CG	SW8081B
Chlordane	ND	36		ug/Kg	2	06/12/20	CG	SW8081B
d-BHC	ND	7.2		ug/Kg	2	06/12/20	CG	SW8081B
Dieldrin	ND	3.6		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan I	ND	7.2		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan II	ND	7.2		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan sulfate	ND	7.2		ug/Kg	2	06/12/20	CG	SW8081B
Endrin	ND	7.2		ug/Kg	2	06/12/20	CG	SW8081B
Endrin aldehyde	ND	7.2		ug/Kg	2	06/12/20	CG	SW8081B
Endrin ketone	ND	7.2		ug/Kg	2	06/12/20	CG	SW8081B
g-BHC	ND	1.4		ug/Kg	2	06/12/20	CG	SW8081B
g-Chlordane	ND	3.6		ug/Kg	2	06/12/20	CG	SW8081B
Heptachlor	ND	7.2		ug/Kg	2	06/12/20	CG	SW8081B
Heptachlor epoxide	ND	7.2		ug/Kg	2	06/12/20	CG	SW8081B
Methoxychlor	ND	36		ug/Kg	2	06/12/20	CG	SW8081B
Toxaphene	ND	140		ug/Kg	2	06/12/20	CG	SW8081B
QA/QC Surrogates								
% DCBP	95			%	2	06/12/20	CG	30 - 150 %
% DCBP (Confirmation)	64			%	2	06/12/20	CG	30 - 150 %
% TCMX	70			%	2	06/12/20	CG	30 - 150 %
% TCMX (Confirmation)	57			%	2	06/12/20	CG	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC9 (0-2)

Phoenix I.D.: CG11340

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
1,1,2,2-Tetrachloroethane	ND		4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1,2-Trichloroethane	ND		4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1-Dichloroethane	ND		4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1-Dichloroethene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1-Dichloropropene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,3-Trichloropropane	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dibromoethane	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dichlorobenzene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dichloroethane	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dichloropropane	ND		4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
1,3-Dichlorobenzene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
1,3-Dichloropropane	ND		4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C	
1,4-Dichlorobenzene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
2,2-Dichloropropane	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
2-Chlorotoluene	ND		4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C	
2-Hexanone	ND		25	4.9	ug/Kg	1	06/13/20	JLI	SW8260C	
2-Isopropyltoluene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	1
4-Chlorotoluene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
4-Methyl-2-pentanone	ND		25	4.9	ug/Kg	1	06/13/20	JLI	SW8260C	
Acetone	10	JS	25	4.9	ug/Kg	1	06/13/20	JLI	SW8260C	
Acrylonitrile	ND		9.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C	
Benzene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromobenzene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromochloromethane	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromodichloromethane	ND		4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromoform	ND		4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromomethane	ND		4.9	2.0	ug/Kg	1	06/13/20	JLI	SW8260C	
Carbon Disulfide	ND		4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C	
Carbon tetrachloride	ND		4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C	
Chlorobenzene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
Chloroethane	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
Chloroform	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
Chloromethane	ND		4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
Dibromochloromethane	ND		4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C	
Dibromomethane	ND		4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C	
Dichlorodifluoromethane	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
Ethylbenzene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
Hexachlorobutadiene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
Isopropylbenzene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
m&p-Xylene	ND		4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C	
Methyl Ethyl Ketone	ND		30	4.9	ug/Kg	1	06/13/20	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		9.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C	

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC9 (0-2)

Phoenix I.D.: CG11340

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Methylene chloride	ND		4.9	4.9	ug/Kg	1	06/13/20	JLI	SW8260C
Naphthalene	ND		4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C
n-Butylbenzene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C
n-Propylbenzene	ND		4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C
o-Xylene	ND		4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C
p-Isopropyltoluene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C
sec-Butylbenzene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C
Styrene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C
tert-Butylbenzene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C
Tetrachloroethene	1.1	J	4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C
Tetrahydrofuran (THF)	ND		9.9	2.5	ug/Kg	1	06/13/20	JLI	SW8260C
Toluene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C
trans-1,2-Dichloroethene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C
trans-1,3-Dichloropropene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND		9.9	2.5	ug/Kg	1	06/13/20	JLI	SW8260C
Trichloroethene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C
Trichlorofluoromethane	ND		4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C
Trichlorotrifluoroethane	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C
Vinyl chloride	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	104				%	1	06/13/20	JLI	70 - 130 %
% Bromofluorobenzene	86				%	1	06/13/20	JLI	70 - 130 %
% Dibromofluoromethane	95				%	1	06/13/20	JLI	70 - 130 %
% Toluene-d8	99				%	1	06/13/20	JLI	70 - 130 %
1,4-dioxane									
1,4-dioxane	ND		74		ug/kg	1	06/13/20	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	104				%	1	06/13/20	JLI	70 - 130 %
% Bromofluorobenzene	86				%	1	06/13/20	JLI	70 - 130 %
% Dibromofluoromethane	95				%	1	06/13/20	JLI	70 - 130 %
% Toluene-d8	99				%	1	06/13/20	JLI	70 - 130 %
Volatiles									
1,1,1,2-Tetrachloroethane	ND		20		ug/Kg	1	06/13/20	JLI	SW8260C
Acrolein	ND		4.9		ug/Kg	1	06/13/20	JLI	SW8260C
Acrylonitrile	ND		20		ug/Kg	1	06/13/20	JLI	SW8260C
Tert-butyl alcohol	ND		99		ug/Kg	1	06/13/20	JLI	SW8260C
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND		250	130	ug/Kg	1	06/12/20	WB	SW8270D
1,2,4-Trichlorobenzene	ND		250	110	ug/Kg	1	06/12/20	WB	SW8270D
1,2-Dichlorobenzene	ND		250	100	ug/Kg	1	06/12/20	WB	SW8270D
1,2-Diphenylhydrazine	ND		250	120	ug/Kg	1	06/12/20	WB	SW8270D
1,3-Dichlorobenzene	ND		250	110	ug/Kg	1	06/12/20	WB	SW8270D
1,4-Dichlorobenzene	ND		250	110	ug/Kg	1	06/12/20	WB	SW8270D
2,4,5-Trichlorophenol	ND		250	200	ug/Kg	1	06/12/20	WB	SW8270D
2,4,6-Trichlorophenol	ND		180	120	ug/Kg	1	06/12/20	WB	SW8270D
2,4-Dichlorophenol	ND		180	130	ug/Kg	1	06/12/20	WB	SW8270D
2,4-Dimethylphenol	ND		250	89	ug/Kg	1	06/12/20	WB	SW8270D

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC9 (0-2)

Phoenix I.D.: CG11340

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
2,4-Dinitrophenol	ND		250	250	ug/Kg	1	06/12/20	WB	SW8270D	
2,4-Dinitrotoluene	ND		180	140	ug/Kg	1	06/12/20	WB	SW8270D	
2,6-Dinitrotoluene	ND		180	110	ug/Kg	1	06/12/20	WB	SW8270D	
2-Chloronaphthalene	ND		250	100	ug/Kg	1	06/12/20	WB	SW8270D	
2-Chlorophenol	ND		250	100	ug/Kg	1	06/12/20	WB	SW8270D	
2-Methylnaphthalene	ND		250	110	ug/Kg	1	06/12/20	WB	SW8270D	
2-Methylphenol (o-cresol)	ND		250	170	ug/Kg	1	06/12/20	WB	SW8270D	
2-Nitroaniline	ND		250	250	ug/Kg	1	06/12/20	WB	SW8270D	
2-Nitrophenol	ND		250	230	ug/Kg	1	06/12/20	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		250	140	ug/Kg	1	06/12/20	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND		180	170	ug/Kg	1	06/12/20	WB	SW8270D	
3-Nitroaniline	ND		360	720	ug/Kg	1	06/12/20	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND		220	72	ug/Kg	1	06/12/20	WB	SW8270D	
4-Bromophenyl phenyl ether	ND		250	110	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chloro-3-methylphenol	ND		250	130	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chloroaniline	ND		290	170	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND		250	120	ug/Kg	1	06/12/20	WB	SW8270D	
4-Nitroaniline	ND		360	120	ug/Kg	1	06/12/20	WB	SW8270D	
4-Nitrophenol	ND		360	160	ug/Kg	1	06/12/20	WB	SW8270D	
Acenaphthene	ND		250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Acenaphthylene	ND		250	100	ug/Kg	1	06/12/20	WB	SW8270D	
Acetophenone	ND		250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Aniline	ND		290	290	ug/Kg	1	06/12/20	WB	SW8270D	
Anthracene	200	J	250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benz(a)anthracene	620		250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzidine	ND		360	210	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(a)pyrene	630		180	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(b)fluoranthene	530		250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(ghi)perylene	400		250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(k)fluoranthene	490		250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzoic acid	ND		1800	720	ug/Kg	1	06/12/20	WB	SW8270D	
Benzyl butyl phthalate	ND		250	93	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND		250	99	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroethyl)ether	ND		180	97	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND		250	100	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	ND		250	100	ug/Kg	1	06/12/20	WB	SW8270D	
Carbazole	ND		180	140	ug/Kg	1	06/12/20	WB	SW8270D	
Chrysene	680		250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Dibenz(a,h)anthracene	120	J	180	120	ug/Kg	1	06/12/20	WB	SW8270D	
Dibenzofuran	ND		250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Diethyl phthalate	ND		250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Dimethylphthalate	ND		250	110	ug/Kg	1	06/12/20	WB	SW8270D	
Di-n-butylphthalate	ND		250	96	ug/Kg	1	06/12/20	WB	SW8270D	
Di-n-octylphthalate	ND		250	93	ug/Kg	1	06/12/20	WB	SW8270D	
Fluoranthene	1200		250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Fluorene	ND		250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorobenzene	ND		180	110	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorobutadiene	ND		250	130	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorocyclopentadiene	ND		250	110	ug/Kg	1	06/12/20	WB	SW8270D	

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC9 (0-2)

Phoenix I.D.: CG11340

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
Hexachloroethane	ND	180	110	ug/Kg	1	06/12/20	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	400	250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Isophorone	ND	180	100	ug/Kg	1	06/12/20	WB	SW8270D	
Naphthalene	ND	250	100	ug/Kg	1	06/12/20	WB	SW8270D	
Nitrobenzene	ND	180	130	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodimethylamine	ND	250	100	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	180	120	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	06/12/20	WB	SW8270D	
Pentachloronitrobenzene	ND	250	130	ug/Kg	1	06/12/20	WB	SW8270D	
Pentachlorophenol	ND	220	140	ug/Kg	1	06/12/20	WB	SW8270D	
Phenanthrene	720	250	100	ug/Kg	1	06/12/20	WB	SW8270D	
Phenol	ND	250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Pyrene	1000	250	120	ug/Kg	1	06/12/20	WB	SW8270D	
Pyridine	ND	250	88	ug/Kg	1	06/12/20	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	82			%	1	06/12/20	WB	30 - 130 %	
% 2-Fluorobiphenyl	61			%	1	06/12/20	WB	30 - 130 %	
% 2-Fluorophenol	51			%	1	06/12/20	WB	30 - 130 %	
% Nitrobenzene-d5	55			%	1	06/12/20	WB	30 - 130 %	
% Phenol-d5	60			%	1	06/12/20	WB	30 - 130 %	
% Terphenyl-d14	77			%	1	06/12/20	WB	30 - 130 %	
Field Extraction	Completed					06/10/20		SW5035A	1

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

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

Comments:

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

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

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

June 16, 2020

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Reference 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

June 16, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TB	06/10/20	
Location Code:	EBC	Received by:	CP	06/11/20	15:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG11328
Phoenix ID: CG11341

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC9 (8-10)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.38	0.38		mg/Kg	1	06/13/20	TH	SW6010D
Aluminum	5320	38		mg/Kg	10	06/12/20	TH	SW6010D
Arsenic	6.23	0.75		mg/Kg	1	06/13/20	TH	SW6010D
Barium	104	0.8		mg/Kg	1	06/13/20	TH	SW6010D
Beryllium	0.38	0.30		mg/Kg	1	06/13/20	TH	SW6010D
Calcium	5280	3.8		mg/Kg	1	06/13/20	TH	SW6010D
Cadmium	1.26	0.38		mg/Kg	1	06/13/20	TH	SW6010D
Cobalt	6.69	0.38		mg/Kg	1	06/13/20	TH	SW6010D
Chromium	15.0	0.38		mg/Kg	1	06/13/20	TH	SW6010D
Copper	147	7.5		mg/kg	10	06/12/20	TH	SW6010D
Iron	20000	38		mg/Kg	10	06/12/20	TH	SW6010D
Mercury	0.39	0.07		mg/Kg	5	06/12/20	RS	SW7471B
Potassium	662	8		mg/Kg	1	06/13/20	TH	SW6010D
Magnesium	4060	3.8		mg/Kg	1	06/13/20	TH	SW6010D
Manganese	247	3.8		mg/Kg	10	06/12/20	TH	SW6010D
Sodium	128	8		mg/Kg	1	06/13/20	TH	SW6010D
Nickel	15.9	0.38		mg/Kg	1	06/13/20	TH	SW6010D
Lead	408	0.8		mg/Kg	1	06/13/20	TH	SW6010D
Antimony	< 3.8	3.8		mg/Kg	1	06/13/20	TH	SW6010D
Selenium	< 1.5	1.5		mg/Kg	1	06/13/20	TH	SW6010D
Thallium	< 1.5	1.5		mg/Kg	1	06/13/20	TH	SW6010D
Vanadium	19.7	0.38		mg/Kg	1	06/13/20	TH	SW6010D
Zinc	258	0.8		mg/Kg	1	06/13/20	TH	SW6010D
Percent Solid	90			%		06/11/20	JS	SW846-%Solid
Soil Extraction for PCB	Completed					06/11/20	RL/EE	SW3545A
Soil Extraction for Pesticides	Completed					06/11/20	RL/EE	SW3545A
Mercury Digestion	Completed					06/12/20	VT/VT	SW7471B
Soil Extraction for SVOA	Completed					06/11/20	KK/MA	SW3546

Ver 1

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC9 (8-10)

Phoenix I.D.: CG11341

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Total Metals Digest	Completed					06/11/20	B/AG	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	73	73	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1221	ND	73	73	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1232	ND	73	73	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1242	ND	73	73	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1248	ND	73	73	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1254	ND	73	73	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1260	ND	73	73	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1262	ND	73	73	ug/Kg	2	06/13/20	SC	SW8082A
PCB-1268	ND	73	73	ug/Kg	2	06/13/20	SC	SW8082A
QA/QC Surrogates								
% DCBP	73			%	2	06/13/20	SC	30 - 150 %
% DCBP (Confirmation)	71			%	2	06/13/20	SC	30 - 150 %
% TCMX	68			%	2	06/13/20	SC	30 - 150 %
% TCMX (Confirmation)	71			%	2	06/13/20	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.2		ug/Kg	2	06/12/20	CG	SW8081B
4,4' -DDE	ND	2.2		ug/Kg	2	06/12/20	CG	SW8081B
4,4' -DDT	ND	2.2		ug/Kg	2	06/12/20	CG	SW8081B
a-BHC	ND	7.3		ug/Kg	2	06/12/20	CG	SW8081B
a-Chlordane	ND	3.6		ug/Kg	2	06/12/20	CG	SW8081B
Aldrin	ND	3.6		ug/Kg	2	06/12/20	CG	SW8081B
b-BHC	ND	7.3		ug/Kg	2	06/12/20	CG	SW8081B
Chlordane	ND	36		ug/Kg	2	06/12/20	CG	SW8081B
d-BHC	ND	7.3		ug/Kg	2	06/12/20	CG	SW8081B
Dieldrin	ND	3.6		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan I	ND	7.3		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan II	ND	7.3		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan sulfate	ND	7.3		ug/Kg	2	06/12/20	CG	SW8081B
Endrin	ND	7.3		ug/Kg	2	06/12/20	CG	SW8081B
Endrin aldehyde	ND	7.3		ug/Kg	2	06/12/20	CG	SW8081B
Endrin ketone	ND	7.3		ug/Kg	2	06/12/20	CG	SW8081B
g-BHC	ND	1.5		ug/Kg	2	06/12/20	CG	SW8081B
g-Chlordane	ND	3.6		ug/Kg	2	06/12/20	CG	SW8081B
Heptachlor	ND	7.3		ug/Kg	2	06/12/20	CG	SW8081B
Heptachlor epoxide	ND	7.3		ug/Kg	2	06/12/20	CG	SW8081B
Methoxychlor	ND	36		ug/Kg	2	06/12/20	CG	SW8081B
Toxaphene	ND	150		ug/Kg	2	06/12/20	CG	SW8081B
QA/QC Surrogates								
% DCBP	67			%	2	06/12/20	CG	30 - 150 %
% DCBP (Confirmation)	69			%	2	06/12/20	CG	30 - 150 %
% TCMX	59			%	2	06/12/20	CG	30 - 150 %
% TCMX (Confirmation)	60			%	2	06/12/20	CG	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC9 (8-10)

Phoenix I.D.: CG11341

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
1,1,2,2-Tetrachloroethane	ND		4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1,2-Trichloroethane	ND		4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1-Dichloroethane	ND		4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1-Dichloroethene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1-Dichloropropene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,3-Trichloropropane	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dibromoethane	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dichlorobenzene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dichloroethane	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dichloropropane	ND		4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
1,3-Dichlorobenzene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
1,3-Dichloropropane	ND		4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C	
1,4-Dichlorobenzene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
2,2-Dichloropropane	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
2-Chlorotoluene	ND		4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C	
2-Hexanone	ND		25	4.9	ug/Kg	1	06/13/20	JLI	SW8260C	
2-Isopropyltoluene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	1
4-Chlorotoluene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
4-Methyl-2-pentanone	ND		25	4.9	ug/Kg	1	06/13/20	JLI	SW8260C	
Acetone	8.2	JS	25	4.9	ug/Kg	1	06/13/20	JLI	SW8260C	
Acrylonitrile	ND		9.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C	
Benzene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromobenzene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromochloromethane	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromodichloromethane	ND		4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromoform	ND		4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromomethane	ND		4.9	2.0	ug/Kg	1	06/13/20	JLI	SW8260C	
Carbon Disulfide	ND		4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C	
Carbon tetrachloride	ND		4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C	
Chlorobenzene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
Chloroethane	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
Chloroform	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
Chloromethane	ND		4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
Dibromochloromethane	ND		4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C	
Dibromomethane	ND		4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C	
Dichlorodifluoromethane	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
Ethylbenzene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
Hexachlorobutadiene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
Isopropylbenzene	ND		4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C	
m&p-Xylene	ND		4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C	
Methyl Ethyl Ketone	ND		30	4.9	ug/Kg	1	06/13/20	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		9.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Methylene chloride	ND	4.9	4.9	ug/Kg	1	06/13/20	JLI	SW8260C
Naphthalene	ND	4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C
n-Butylbenzene	ND	4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C
n-Propylbenzene	ND	4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C
o-Xylene	ND	4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C
p-Isopropyltoluene	ND	4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C
sec-Butylbenzene	ND	4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C
Styrene	ND	4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C
tert-Butylbenzene	ND	4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C
Tetrachloroethene	ND	4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C
Tetrahydrofuran (THF)	ND	9.9	2.5	ug/Kg	1	06/13/20	JLI	SW8260C
Toluene	ND	4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	9.9	2.5	ug/Kg	1	06/13/20	JLI	SW8260C
Trichloroethene	ND	4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C
Trichlorofluoromethane	ND	4.9	0.99	ug/Kg	1	06/13/20	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C
Vinyl chloride	ND	4.9	0.49	ug/Kg	1	06/13/20	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	109			%	1	06/13/20	JLI	70 - 130 %
% Bromofluorobenzene	84			%	1	06/13/20	JLI	70 - 130 %
% Dibromofluoromethane	97			%	1	06/13/20	JLI	70 - 130 %
% Toluene-d8	100			%	1	06/13/20	JLI	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	74		ug/kg	1	06/13/20	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	109			%	1	06/13/20	JLI	70 - 130 %
% Bromofluorobenzene	84			%	1	06/13/20	JLI	70 - 130 %
% Dibromofluoromethane	97			%	1	06/13/20	JLI	70 - 130 %
% Toluene-d8	100			%	1	06/13/20	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	20		ug/Kg	1	06/13/20	JLI	SW8260C
Acrolein	ND	4.9		ug/Kg	1	06/13/20	JLI	SW8260C
Acrylonitrile	ND	20		ug/Kg	1	06/13/20	JLI	SW8260C
Tert-butyl alcohol	ND	99		ug/Kg	1	06/13/20	JLI	SW8260C
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	1	06/12/20	WB	SW8270D
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	06/12/20	WB	SW8270D
1,2-Dichlorobenzene	ND	260	100	ug/Kg	1	06/12/20	WB	SW8270D
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	1	06/12/20	WB	SW8270D
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	06/12/20	WB	SW8270D
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	06/12/20	WB	SW8270D
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	1	06/12/20	WB	SW8270D
2,4,6-Trichlorophenol	ND	180	120	ug/Kg	1	06/12/20	WB	SW8270D
2,4-Dichlorophenol	ND	180	130	ug/Kg	1	06/12/20	WB	SW8270D
2,4-Dimethylphenol	ND	260	91	ug/Kg	1	06/12/20	WB	SW8270D

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC9 (8-10)

Phoenix I.D.: CG11341

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
2,4-Dinitrophenol	ND		260	260	ug/Kg	1	06/12/20	WB	SW8270D	
2,4-Dinitrotoluene	ND		180	140	ug/Kg	1	06/12/20	WB	SW8270D	
2,6-Dinitrotoluene	ND		180	120	ug/Kg	1	06/12/20	WB	SW8270D	
2-Chloronaphthalene	ND		260	100	ug/Kg	1	06/12/20	WB	SW8270D	
2-Chlorophenol	ND		260	100	ug/Kg	1	06/12/20	WB	SW8270D	
2-Methylnaphthalene	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
2-Methylphenol (o-cresol)	ND		260	170	ug/Kg	1	06/12/20	WB	SW8270D	
2-Nitroaniline	ND		260	260	ug/Kg	1	06/12/20	WB	SW8270D	
2-Nitrophenol	ND		260	230	ug/Kg	1	06/12/20	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		260	140	ug/Kg	1	06/12/20	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND		180	170	ug/Kg	1	06/12/20	WB	SW8270D	
3-Nitroaniline	ND		370	730	ug/Kg	1	06/12/20	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND		220	73	ug/Kg	1	06/12/20	WB	SW8270D	
4-Bromophenyl phenyl ether	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chloro-3-methylphenol	ND		260	130	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chloroaniline	ND		290	170	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
4-Nitroaniline	ND		370	120	ug/Kg	1	06/12/20	WB	SW8270D	
4-Nitrophenol	ND		370	170	ug/Kg	1	06/12/20	WB	SW8270D	
Acenaphthene	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
Acenaphthylene	ND		260	100	ug/Kg	1	06/12/20	WB	SW8270D	
Acetophenone	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
Aniline	ND		290	290	ug/Kg	1	06/12/20	WB	SW8270D	
Anthracene	ND		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benz(a)anthracene	190	J	260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzidine	ND		370	220	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(a)pyrene	170	J	180	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(b)fluoranthene	200	J	260	130	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(ghi)perylene	140	J	260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(k)fluoranthene	160	J	260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzoic acid	ND		1800	730	ug/Kg	1	06/12/20	WB	SW8270D	
Benzyl butyl phthalate	ND		260	94	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND		260	100	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroethyl)ether	ND		180	99	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND		260	100	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
Carbazole	ND		180	150	ug/Kg	1	06/12/20	WB	SW8270D	
Chrysene	240	J	260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Dibenz(a,h)anthracene	ND		180	120	ug/Kg	1	06/12/20	WB	SW8270D	
Dibenzofuran	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
Diethyl phthalate	ND		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Dimethylphthalate	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
Di-n-butylphthalate	ND		260	97	ug/Kg	1	06/12/20	WB	SW8270D	
Di-n-octylphthalate	ND		260	94	ug/Kg	1	06/12/20	WB	SW8270D	
Fluoranthene	380		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Fluorene	ND		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorobenzene	ND		180	110	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorobutadiene	ND		260	130	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorocyclopentadiene	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC9 (8-10)

Phoenix I.D.: CG11341

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
Hexachloroethane	ND		180	110	ug/Kg	1	06/12/20	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	140	J	260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Isophorone	ND		180	100	ug/Kg	1	06/12/20	WB	SW8270D	
Naphthalene	ND		260	110	ug/Kg	1	06/12/20	WB	SW8270D	
Nitrobenzene	ND		180	130	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodimethylamine	ND		260	100	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND		180	120	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodiphenylamine	ND		260	140	ug/Kg	1	06/12/20	WB	SW8270D	
Pentachloronitrobenzene	ND		260	140	ug/Kg	1	06/12/20	WB	SW8270D	
Pentachlorophenol	ND		220	140	ug/Kg	1	06/12/20	WB	SW8270D	
Phenanthrene	210	J	260	100	ug/Kg	1	06/12/20	WB	SW8270D	
Phenol	ND		260	120	ug/Kg	1	06/12/20	WB	SW8270D	
Pyrene	320		260	130	ug/Kg	1	06/12/20	WB	SW8270D	
Pyridine	ND		260	90	ug/Kg	1	06/12/20	WB	SW8270D	
QA/QC Surrogates										
% 2,4,6-Tribromophenol	82				%	1	06/12/20	WB	30 - 130 %	
% 2-Fluorobiphenyl	51				%	1	06/12/20	WB	30 - 130 %	
% 2-Fluorophenol	38				%	1	06/12/20	WB	30 - 130 %	
% Nitrobenzene-d5	40				%	1	06/12/20	WB	30 - 130 %	
% Phenol-d5	47				%	1	06/12/20	WB	30 - 130 %	
% Terphenyl-d14	79				%	1	06/12/20	WB	30 - 130 %	
Field Extraction	Completed						06/10/20		SW5035A	1

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

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

Comments:

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

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

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

June 16, 2020

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Reference 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

June 16, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TB	06/10/20	
Location Code:	EBC	Received by:	CP	06/11/20	15:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG11328
Phoenix ID: CG11342

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC10 (0-2)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.38	0.38		mg/Kg	1	06/13/20	TH	SW6010D
Aluminum	9020	38		mg/Kg	10	06/12/20	TH	SW6010D
Arsenic	1.54	0.76		mg/Kg	1	06/13/20	TH	SW6010D
Barium	49.2	0.8		mg/Kg	1	06/13/20	TH	SW6010D
Beryllium	0.39	0.30		mg/Kg	1	06/13/20	TH	SW6010D
Calcium	7590	3.8		mg/Kg	1	06/13/20	TH	SW6010D
Cadmium	0.55	0.38		mg/Kg	1	06/13/20	TH	SW6010D
Cobalt	4.89	0.38		mg/Kg	1	06/13/20	TH	SW6010D
Chromium	15.5	0.38		mg/Kg	1	06/13/20	TH	SW6010D
Copper	13.8	0.8		mg/kg	1	06/13/20	TH	SW6010D
Iron	11500	38		mg/Kg	10	06/12/20	TH	SW6010D
Mercury	0.04	0.03		mg/Kg	2	06/12/20	RS	SW7471B
Potassium	875	8		mg/Kg	1	06/13/20	TH	SW6010D
Magnesium	2320	3.8		mg/Kg	1	06/13/20	TH	SW6010D
Manganese	200	3.8		mg/Kg	10	06/12/20	TH	SW6010D
Sodium	144	8		mg/Kg	1	06/13/20	TH	SW6010D
Nickel	10.3	0.38		mg/Kg	1	06/13/20	TH	SW6010D
Lead	20.9	0.8		mg/Kg	1	06/13/20	TH	SW6010D
Antimony	< 3.8	3.8		mg/Kg	1	06/13/20	TH	SW6010D
Selenium	< 1.5	1.5		mg/Kg	1	06/13/20	TH	SW6010D
Thallium	< 1.5	1.5		mg/Kg	1	06/13/20	TH	SW6010D
Vanadium	18.9	0.38		mg/Kg	1	06/13/20	TH	SW6010D
Zinc	38.4	0.8		mg/Kg	1	06/13/20	TH	SW6010D
Percent Solid	94			%		06/11/20	JS	SW846-%Solid
Soil Extraction for PCB	Completed					06/11/20	RL/AA	SW3545A
Soil Extraction for Pesticides	Completed					06/11/20	RL/AA	SW3545A
Mercury Digestion	Completed					06/12/20	VT/VT	SW7471B
Soil Extraction for SVOA	Completed					06/11/20	KK/MA	SW3546

Ver 1

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC10 (0-2)

Phoenix I.D.: CG11342

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Total Metals Digest	Completed					06/11/20	B/AG	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	70	70	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1221	ND	70	70	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1232	ND	70	70	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1242	ND	70	70	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1248	ND	70	70	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1254	ND	70	70	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1260	ND	70	70	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1262	ND	70	70	ug/Kg	2	06/15/20	SC	SW8082A
PCB-1268	ND	70	70	ug/Kg	2	06/15/20	SC	SW8082A
QA/QC Surrogates								
% DCBP	61			%	2	06/15/20	SC	30 - 150 %
% DCBP (Confirmation)	60			%	2	06/15/20	SC	30 - 150 %
% TCMX	51			%	2	06/15/20	SC	30 - 150 %
% TCMX (Confirmation)	51			%	2	06/15/20	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.1		ug/Kg	2	06/12/20	CG	SW8081B
4,4' -DDE	ND	2.1		ug/Kg	2	06/12/20	CG	SW8081B
4,4' -DDT	ND	2.1		ug/Kg	2	06/12/20	CG	SW8081B
a-BHC	ND	7.0		ug/Kg	2	06/12/20	CG	SW8081B
a-Chlordane	ND	3.5		ug/Kg	2	06/12/20	CG	SW8081B
Aldrin	ND	3.5		ug/Kg	2	06/12/20	CG	SW8081B
b-BHC	ND	7.0		ug/Kg	2	06/12/20	CG	SW8081B
Chlordane	ND	35		ug/Kg	2	06/12/20	CG	SW8081B
d-BHC	ND	7.0		ug/Kg	2	06/12/20	CG	SW8081B
Dieldrin	ND	3.5		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan I	ND	7.0		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan II	ND	7.0		ug/Kg	2	06/12/20	CG	SW8081B
Endosulfan sulfate	ND	7.0		ug/Kg	2	06/12/20	CG	SW8081B
Endrin	ND	7.0		ug/Kg	2	06/12/20	CG	SW8081B
Endrin aldehyde	ND	7.0		ug/Kg	2	06/12/20	CG	SW8081B
Endrin ketone	ND	7.0		ug/Kg	2	06/12/20	CG	SW8081B
g-BHC	ND	1.4		ug/Kg	2	06/12/20	CG	SW8081B
g-Chlordane	ND	3.5		ug/Kg	2	06/12/20	CG	SW8081B
Heptachlor	ND	7.0		ug/Kg	2	06/12/20	CG	SW8081B
Heptachlor epoxide	ND	7.0		ug/Kg	2	06/12/20	CG	SW8081B
Methoxychlor	ND	35		ug/Kg	2	06/12/20	CG	SW8081B
Toxaphene	ND	140		ug/Kg	2	06/12/20	CG	SW8081B
QA/QC Surrogates								
% DCBP	61			%	2	06/12/20	CG	30 - 150 %
% DCBP (Confirmation)	62			%	2	06/12/20	CG	30 - 150 %
% TCMX	45			%	2	06/12/20	CG	30 - 150 %
% TCMX (Confirmation)	47			%	2	06/12/20	CG	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.1	1.0	ug/Kg	1	06/13/20	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC10 (0-2)

Phoenix I.D.: CG11342

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
1,1,2,2-Tetrachloroethane	ND	5.1	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1,2-Trichloroethane	ND	5.1	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1-Dichloroethane	ND	5.1	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1-Dichloroethene	ND	5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1-Dichloropropene	ND	5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	5.1	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,3-Trichloropropane	ND	5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	5.1	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	5.1	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dibromoethane	ND	5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dichlorobenzene	ND	5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dichloroethane	ND	5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dichloropropane	ND	5.1	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C	
1,3-Dichlorobenzene	ND	5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C	
1,3-Dichloropropane	ND	5.1	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
1,4-Dichlorobenzene	ND	5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C	
2,2-Dichloropropane	ND	5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C	
2-Chlorotoluene	ND	5.1	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
2-Hexanone	ND	26	5.1	ug/Kg	1	06/13/20	JLI	SW8260C	
2-Isopropyltoluene	ND	5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C	1
4-Chlorotoluene	ND	5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C	
4-Methyl-2-pentanone	ND	26	5.1	ug/Kg	1	06/13/20	JLI	SW8260C	
Acetone	ND	26	5.1	ug/Kg	1	06/13/20	JLI	SW8260C	
Acrylonitrile	ND	10	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
Benzene	ND	5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromobenzene	ND	5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromochloromethane	ND	5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromodichloromethane	ND	5.1	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromoform	ND	5.1	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromomethane	ND	5.1	2.0	ug/Kg	1	06/13/20	JLI	SW8260C	
Carbon Disulfide	ND	5.1	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
Carbon tetrachloride	ND	5.1	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
Chlorobenzene	ND	5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C	
Chloroethane	ND	5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C	
Chloroform	ND	5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C	
Chloromethane	ND	5.1	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C	
Dibromochloromethane	ND	5.1	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
Dibromomethane	ND	5.1	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
Dichlorodifluoromethane	ND	5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C	
Ethylbenzene	ND	5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C	
Hexachlorobutadiene	ND	5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C	
Isopropylbenzene	ND	5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C	
m&p-Xylene	ND	5.1	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	
Methyl Ethyl Ketone	ND	31	5.1	ug/Kg	1	06/13/20	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	10	1.0	ug/Kg	1	06/13/20	JLI	SW8260C	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Methylene chloride	ND	5.1	5.1	ug/Kg	1	06/13/20	JLI	SW8260C
Naphthalene	ND	5.1	1.0	ug/Kg	1	06/13/20	JLI	SW8260C
n-Butylbenzene	ND	5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C
n-Propylbenzene	ND	5.1	1.0	ug/Kg	1	06/13/20	JLI	SW8260C
o-Xylene	ND	5.1	1.0	ug/Kg	1	06/13/20	JLI	SW8260C
p-Isopropyltoluene	ND	5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C
sec-Butylbenzene	ND	5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C
Styrene	ND	5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C
tert-Butylbenzene	ND	5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C
Tetrachloroethene	ND	5.1	1.0	ug/Kg	1	06/13/20	JLI	SW8260C
Tetrahydrofuran (THF)	ND	10	2.6	ug/Kg	1	06/13/20	JLI	SW8260C
Toluene	ND	5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	10	2.6	ug/Kg	1	06/13/20	JLI	SW8260C
Trichloroethene	ND	5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C
Trichlorofluoromethane	ND	5.1	1.0	ug/Kg	1	06/13/20	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C
Vinyl chloride	ND	5.1	0.51	ug/Kg	1	06/13/20	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	109			%	1	06/13/20	JLI	70 - 130 %
% Bromofluorobenzene	90			%	1	06/13/20	JLI	70 - 130 %
% Dibromofluoromethane	94			%	1	06/13/20	JLI	70 - 130 %
% Toluene-d8	99			%	1	06/13/20	JLI	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	77		ug/kg	1	06/13/20	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	109			%	1	06/13/20	JLI	70 - 130 %
% Bromofluorobenzene	90			%	1	06/13/20	JLI	70 - 130 %
% Dibromofluoromethane	94			%	1	06/13/20	JLI	70 - 130 %
% Toluene-d8	99			%	1	06/13/20	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	20		ug/Kg	1	06/13/20	JLI	SW8260C
Acrolein	ND	5.1		ug/Kg	1	06/13/20	JLI	SW8260C
Acrylonitrile	ND	20		ug/Kg	1	06/13/20	JLI	SW8260C
Tert-butyl alcohol	ND	100		ug/Kg	1	06/13/20	JLI	SW8260C
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	1	06/12/20	WB	SW8270D
1,2,4-Trichlorobenzene	ND	240	100	ug/Kg	1	06/12/20	WB	SW8270D
1,2-Dichlorobenzene	ND	240	98	ug/Kg	1	06/12/20	WB	SW8270D
1,2-Diphenylhydrazine	ND	240	110	ug/Kg	1	06/12/20	WB	SW8270D
1,3-Dichlorobenzene	ND	240	100	ug/Kg	1	06/12/20	WB	SW8270D
1,4-Dichlorobenzene	ND	240	100	ug/Kg	1	06/12/20	WB	SW8270D
2,4,5-Trichlorophenol	ND	240	190	ug/Kg	1	06/12/20	WB	SW8270D
2,4,6-Trichlorophenol	ND	170	110	ug/Kg	1	06/12/20	WB	SW8270D
2,4-Dichlorophenol	ND	170	120	ug/Kg	1	06/12/20	WB	SW8270D
2,4-Dimethylphenol	ND	240	86	ug/Kg	1	06/12/20	WB	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
2,4-Dinitrophenol	ND	240	240	ug/Kg	1	06/12/20	WB	SW8270D	
2,4-Dinitrotoluene	ND	170	140	ug/Kg	1	06/12/20	WB	SW8270D	
2,6-Dinitrotoluene	ND	170	110	ug/Kg	1	06/12/20	WB	SW8270D	
2-Chloronaphthalene	ND	240	99	ug/Kg	1	06/12/20	WB	SW8270D	
2-Chlorophenol	ND	240	99	ug/Kg	1	06/12/20	WB	SW8270D	
2-Methylnaphthalene	ND	240	100	ug/Kg	1	06/12/20	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	240	160	ug/Kg	1	06/12/20	WB	SW8270D	
2-Nitroaniline	ND	240	240	ug/Kg	1	06/12/20	WB	SW8270D	
2-Nitrophenol	ND	240	220	ug/Kg	1	06/12/20	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	240	140	ug/Kg	1	06/12/20	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	170	160	ug/Kg	1	06/12/20	WB	SW8270D	
3-Nitroaniline	ND	350	690	ug/Kg	1	06/12/20	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	210	69	ug/Kg	1	06/12/20	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	240	100	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chloro-3-methylphenol	ND	240	120	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chloroaniline	ND	280	160	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	240	120	ug/Kg	1	06/12/20	WB	SW8270D	
4-Nitroaniline	ND	350	120	ug/Kg	1	06/12/20	WB	SW8270D	
4-Nitrophenol	ND	350	160	ug/Kg	1	06/12/20	WB	SW8270D	
Acenaphthene	ND	240	110	ug/Kg	1	06/12/20	WB	SW8270D	
Acenaphthylene	ND	240	97	ug/Kg	1	06/12/20	WB	SW8270D	
Acetophenone	ND	240	110	ug/Kg	1	06/12/20	WB	SW8270D	
Aniline	ND	280	280	ug/Kg	1	06/12/20	WB	SW8270D	
Anthracene	ND	240	110	ug/Kg	1	06/12/20	WB	SW8270D	
Benz(a)anthracene	ND	240	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzidine	ND	350	200	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(a)pyrene	ND	170	110	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(b)fluoranthene	ND	240	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(ghi)perylene	ND	240	110	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(k)fluoranthene	ND	240	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzoic acid	ND	1700	690	ug/Kg	1	06/12/20	WB	SW8270D	
Benzyl butyl phthalate	ND	240	90	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	240	96	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroethyl)ether	ND	170	94	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND	240	96	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	240	100	ug/Kg	1	06/12/20	WB	SW8270D	
Carbazole	ND	170	140	ug/Kg	1	06/12/20	WB	SW8270D	
Chrysene	ND	240	120	ug/Kg	1	06/12/20	WB	SW8270D	
Dibenz(a,h)anthracene	ND	170	110	ug/Kg	1	06/12/20	WB	SW8270D	
Dibenzofuran	ND	240	100	ug/Kg	1	06/12/20	WB	SW8270D	
Diethyl phthalate	ND	240	110	ug/Kg	1	06/12/20	WB	SW8270D	
Dimethylphthalate	ND	240	110	ug/Kg	1	06/12/20	WB	SW8270D	
Di-n-butylphthalate	ND	240	92	ug/Kg	1	06/12/20	WB	SW8270D	
Di-n-octylphthalate	ND	240	90	ug/Kg	1	06/12/20	WB	SW8270D	
Fluoranthene	ND	240	110	ug/Kg	1	06/12/20	WB	SW8270D	
Fluorene	ND	240	110	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorobenzene	ND	170	100	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorobutadiene	ND	240	130	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorocyclopentadiene	ND	240	110	ug/Kg	1	06/12/20	WB	SW8270D	

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Client ID: EBC10 (0-2)

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
Hexachloroethane	ND	170	100	ug/Kg	1	06/12/20	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	240	120	ug/Kg	1	06/12/20	WB	SW8270D	
Isophorone	ND	170	97	ug/Kg	1	06/12/20	WB	SW8270D	
Naphthalene	ND	240	100	ug/Kg	1	06/12/20	WB	SW8270D	
Nitrobenzene	ND	170	120	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodimethylamine	ND	240	98	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	170	110	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodiphenylamine	ND	240	130	ug/Kg	1	06/12/20	WB	SW8270D	
Pentachloronitrobenzene	ND	240	130	ug/Kg	1	06/12/20	WB	SW8270D	
Pentachlorophenol	ND	210	130	ug/Kg	1	06/12/20	WB	SW8270D	
Phenanthrene	ND	240	99	ug/Kg	1	06/12/20	WB	SW8270D	
Phenol	ND	240	110	ug/Kg	1	06/12/20	WB	SW8270D	
Pyrene	ND	240	120	ug/Kg	1	06/12/20	WB	SW8270D	
Pyridine	ND	240	85	ug/Kg	1	06/12/20	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	76			%	1	06/12/20	WB	30 - 130 %	
% 2-Fluorobiphenyl	52			%	1	06/12/20	WB	30 - 130 %	
% 2-Fluorophenol	44			%	1	06/12/20	WB	30 - 130 %	
% Nitrobenzene-d5	43			%	1	06/12/20	WB	30 - 130 %	
% Phenol-d5	50			%	1	06/12/20	WB	30 - 130 %	
% Terphenyl-d14	89			%	1	06/12/20	WB	30 - 130 %	
Field Extraction	Completed					06/10/20		SW5035A	1

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

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

Comments:

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

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

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

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

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

Phyllis Shiller, Laboratory Director
June 16, 2020
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Reference 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

June 16, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TB	06/10/20	
Location Code:	EBC	Received by:	CP	06/11/20	15:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG11328
Phoenix ID: CG11343

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC11 (0-2)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.37	0.37		mg/Kg	1	06/13/20	TH	SW6010D
Aluminum	8010	37		mg/Kg	10	06/12/20	TH	SW6010D
Arsenic	1.57	0.75		mg/Kg	1	06/13/20	TH	SW6010D
Barium	107	0.7		mg/Kg	1	06/13/20	TH	SW6010D
Beryllium	0.33	0.30		mg/Kg	1	06/13/20	TH	SW6010D
Calcium	35500	37		mg/Kg	10	06/12/20	TH	SW6010D
Cadmium	0.59	0.37		mg/Kg	1	06/13/20	TH	SW6010D
Cobalt	8.74	0.37		mg/Kg	1	06/13/20	TH	SW6010D
Chromium	19.9	0.37		mg/Kg	1	06/13/20	TH	SW6010D
Copper	27.9	0.7		mg/kg	1	06/13/20	TH	SW6010D
Iron	14900	37		mg/Kg	10	06/12/20	TH	SW6010D
Mercury	0.13	0.07		mg/Kg	5	06/12/20	RS	SW7471B
Potassium	2870	7		mg/Kg	1	06/13/20	TH	SW6010D
Magnesium	4260	3.7		mg/Kg	1	06/13/20	TH	SW6010D
Manganese	176	3.7		mg/Kg	10	06/12/20	TH	SW6010D
Sodium	502	7		mg/Kg	1	06/13/20	TH	SW6010D
Nickel	16.3	0.37		mg/Kg	1	06/13/20	TH	SW6010D
Lead	47.2	0.7		mg/Kg	1	06/13/20	TH	SW6010D
Antimony	< 3.7	3.7		mg/Kg	1	06/13/20	TH	SW6010D
Selenium	< 1.5	1.5		mg/Kg	1	06/13/20	TH	SW6010D
Thallium	< 1.5	1.5		mg/Kg	1	06/13/20	TH	SW6010D
Vanadium	24.4	0.37		mg/Kg	1	06/13/20	TH	SW6010D
Zinc	49.8	0.7		mg/Kg	1	06/13/20	TH	SW6010D
Percent Solid	94			%		06/11/20	JS	SW846-%Solid
Soil Extraction for PCB	Completed					06/11/20	RL/EE	SW3545A
Soil Extraction for Pesticides	Completed					06/11/20	RL/EE	SW3545A
Mercury Digestion	Completed					06/12/20	VT/VT	SW7471B
Soil Extraction for SVOA	Completed					06/11/20	KK/MA	SW3546

Ver 1

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC11 (0-2)

Phoenix I.D.: CG11343

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Total Metals Digest	Completed					06/11/20	B/AG	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	70	70	ug/Kg	2	06/12/20	SC	SW8082A
PCB-1221	ND	70	70	ug/Kg	2	06/12/20	SC	SW8082A
PCB-1232	ND	70	70	ug/Kg	2	06/12/20	SC	SW8082A
PCB-1242	ND	70	70	ug/Kg	2	06/12/20	SC	SW8082A
PCB-1248	ND	70	70	ug/Kg	2	06/12/20	SC	SW8082A
PCB-1254	ND	70	70	ug/Kg	2	06/12/20	SC	SW8082A
PCB-1260	ND	70	70	ug/Kg	2	06/12/20	SC	SW8082A
PCB-1262	ND	70	70	ug/Kg	2	06/12/20	SC	SW8082A
PCB-1268	ND	70	70	ug/Kg	2	06/12/20	SC	SW8082A
QA/QC Surrogates								
% DCBP	69			%	2	06/12/20	SC	30 - 150 %
% DCBP (Confirmation)	71			%	2	06/12/20	SC	30 - 150 %
% TCMX	65			%	2	06/12/20	SC	30 - 150 %
% TCMX (Confirmation)	63			%	2	06/12/20	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.1		ug/Kg	2	06/13/20	CG	SW8081B
4,4' -DDE	ND	2.1		ug/Kg	2	06/13/20	CG	SW8081B
4,4' -DDT	ND	2.1		ug/Kg	2	06/13/20	CG	SW8081B
a-BHC	ND	7.0		ug/Kg	2	06/13/20	CG	SW8081B
a-Chlordane	ND	3.5		ug/Kg	2	06/13/20	CG	SW8081B
Aldrin	ND	3.5		ug/Kg	2	06/13/20	CG	SW8081B
b-BHC	ND	7.0		ug/Kg	2	06/13/20	CG	SW8081B
Chlordane	ND	35		ug/Kg	2	06/13/20	CG	SW8081B
d-BHC	ND	7.0		ug/Kg	2	06/13/20	CG	SW8081B
Dieldrin	ND	3.5		ug/Kg	2	06/13/20	CG	SW8081B
Endosulfan I	ND	7.0		ug/Kg	2	06/13/20	CG	SW8081B
Endosulfan II	ND	7.0		ug/Kg	2	06/13/20	CG	SW8081B
Endosulfan sulfate	ND	7.0		ug/Kg	2	06/13/20	CG	SW8081B
Endrin	ND	7.0		ug/Kg	2	06/13/20	CG	SW8081B
Endrin aldehyde	ND	7.0		ug/Kg	2	06/13/20	CG	SW8081B
Endrin ketone	ND	7.0		ug/Kg	2	06/13/20	CG	SW8081B
g-BHC	ND	1.4		ug/Kg	2	06/13/20	CG	SW8081B
g-Chlordane	ND	3.5		ug/Kg	2	06/13/20	CG	SW8081B
Heptachlor	ND	7.0		ug/Kg	2	06/13/20	CG	SW8081B
Heptachlor epoxide	ND	7.0		ug/Kg	2	06/13/20	CG	SW8081B
Methoxychlor	ND	35		ug/Kg	2	06/13/20	CG	SW8081B
Toxaphene	ND	140		ug/Kg	2	06/13/20	CG	SW8081B
QA/QC Surrogates								
% DCBP	63			%	2	06/13/20	CG	30 - 150 %
% DCBP (Confirmation)	61			%	2	06/13/20	CG	30 - 150 %
% TCMX	47			%	2	06/13/20	CG	30 - 150 %
% TCMX (Confirmation)	51			%	2	06/13/20	CG	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	6.6	1.3	ug/Kg	1	06/13/20	JLI	SW8260C
1,1,1-Trichloroethane	ND	6.6	0.66	ug/Kg	1	06/13/20	JLI	SW8260C

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC11 (0-2)

Phoenix I.D.: CG11343

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
1,1,2,2-Tetrachloroethane	ND	6.6	1.3	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1,2-Trichloroethane	ND	6.6	1.3	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1-Dichloroethane	ND	6.6	1.3	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1-Dichloroethene	ND	6.6	0.66	ug/Kg	1	06/13/20	JLI	SW8260C	
1,1-Dichloropropene	ND	6.6	0.66	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	6.6	1.3	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,3-Trichloropropane	ND	6.6	0.66	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	6.6	1.3	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	6.6	0.66	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	6.6	1.3	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dibromoethane	ND	6.6	0.66	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dichlorobenzene	ND	6.6	0.66	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dichloroethane	ND	6.6	0.66	ug/Kg	1	06/13/20	JLI	SW8260C	
1,2-Dichloropropane	ND	6.6	1.3	ug/Kg	1	06/13/20	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	6.6	0.66	ug/Kg	1	06/13/20	JLI	SW8260C	
1,3-Dichlorobenzene	ND	6.6	0.66	ug/Kg	1	06/13/20	JLI	SW8260C	
1,3-Dichloropropane	ND	6.6	1.3	ug/Kg	1	06/13/20	JLI	SW8260C	
1,4-Dichlorobenzene	ND	6.6	0.66	ug/Kg	1	06/13/20	JLI	SW8260C	
2,2-Dichloropropane	ND	6.6	0.66	ug/Kg	1	06/13/20	JLI	SW8260C	
2-Chlorotoluene	ND	6.6	1.3	ug/Kg	1	06/13/20	JLI	SW8260C	
2-Hexanone	ND	33	6.6	ug/Kg	1	06/13/20	JLI	SW8260C	
2-Isopropyltoluene	ND	6.6	0.66	ug/Kg	1	06/13/20	JLI	SW8260C	1
4-Chlorotoluene	ND	6.6	0.66	ug/Kg	1	06/13/20	JLI	SW8260C	
4-Methyl-2-pentanone	ND	33	6.6	ug/Kg	1	06/13/20	JLI	SW8260C	
Acetone	ND	33	6.6	ug/Kg	1	06/13/20	JLI	SW8260C	
Acrylonitrile	ND	13	1.3	ug/Kg	1	06/13/20	JLI	SW8260C	
Benzene	ND	6.6	0.66	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromobenzene	ND	6.6	0.66	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromochloromethane	ND	6.6	0.66	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromodichloromethane	ND	6.6	1.3	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromoform	ND	6.6	1.3	ug/Kg	1	06/13/20	JLI	SW8260C	
Bromomethane	ND	6.6	2.7	ug/Kg	1	06/13/20	JLI	SW8260C	
Carbon Disulfide	ND	6.6	1.3	ug/Kg	1	06/13/20	JLI	SW8260C	
Carbon tetrachloride	ND	6.6	1.3	ug/Kg	1	06/13/20	JLI	SW8260C	
Chlorobenzene	ND	6.6	0.66	ug/Kg	1	06/13/20	JLI	SW8260C	
Chloroethane	ND	6.6	0.66	ug/Kg	1	06/13/20	JLI	SW8260C	
Chloroform	ND	6.6	0.66	ug/Kg	1	06/13/20	JLI	SW8260C	
Chloromethane	ND	6.6	1.3	ug/Kg	1	06/13/20	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	6.6	0.66	ug/Kg	1	06/13/20	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	6.6	0.66	ug/Kg	1	06/13/20	JLI	SW8260C	
Dibromochloromethane	ND	6.6	1.3	ug/Kg	1	06/13/20	JLI	SW8260C	
Dibromomethane	ND	6.6	1.3	ug/Kg	1	06/13/20	JLI	SW8260C	
Dichlorodifluoromethane	ND	6.6	0.66	ug/Kg	1	06/13/20	JLI	SW8260C	
Ethylbenzene	ND	6.6	0.66	ug/Kg	1	06/13/20	JLI	SW8260C	
Hexachlorobutadiene	ND	6.6	0.66	ug/Kg	1	06/13/20	JLI	SW8260C	
Isopropylbenzene	ND	6.6	0.66	ug/Kg	1	06/13/20	JLI	SW8260C	
m&p-Xylene	ND	6.6	1.3	ug/Kg	1	06/13/20	JLI	SW8260C	
Methyl Ethyl Ketone	ND	40	6.6	ug/Kg	1	06/13/20	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	13	1.3	ug/Kg	1	06/13/20	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Methylene chloride	ND	6.6	6.6	ug/Kg	1	06/13/20	JLI	SW8260C
Naphthalene	ND	6.6	1.3	ug/Kg	1	06/13/20	JLI	SW8260C
n-Butylbenzene	ND	6.6	0.66	ug/Kg	1	06/13/20	JLI	SW8260C
n-Propylbenzene	ND	6.6	1.3	ug/Kg	1	06/13/20	JLI	SW8260C
o-Xylene	ND	6.6	1.3	ug/Kg	1	06/13/20	JLI	SW8260C
p-Isopropyltoluene	ND	6.6	0.66	ug/Kg	1	06/13/20	JLI	SW8260C
sec-Butylbenzene	ND	6.6	0.66	ug/Kg	1	06/13/20	JLI	SW8260C
Styrene	ND	6.6	0.66	ug/Kg	1	06/13/20	JLI	SW8260C
tert-Butylbenzene	ND	6.6	0.66	ug/Kg	1	06/13/20	JLI	SW8260C
Tetrachloroethene	ND	6.6	1.3	ug/Kg	1	06/13/20	JLI	SW8260C
Tetrahydrofuran (THF)	ND	13	3.3	ug/Kg	1	06/13/20	JLI	SW8260C
Toluene	ND	6.6	0.66	ug/Kg	1	06/13/20	JLI	SW8260C
trans-1,2-Dichloroethene	ND	6.6	0.66	ug/Kg	1	06/13/20	JLI	SW8260C
trans-1,3-Dichloropropene	ND	6.6	0.66	ug/Kg	1	06/13/20	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	13	3.3	ug/Kg	1	06/13/20	JLI	SW8260C
Trichloroethene	ND	6.6	0.66	ug/Kg	1	06/13/20	JLI	SW8260C
Trichlorofluoromethane	ND	6.6	1.3	ug/Kg	1	06/13/20	JLI	SW8260C
Trichlorotrifluoroethane	ND	6.6	0.66	ug/Kg	1	06/13/20	JLI	SW8260C
Vinyl chloride	ND	6.6	0.66	ug/Kg	1	06/13/20	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	109			%	1	06/13/20	JLI	70 - 130 %
% Bromofluorobenzene	84			%	1	06/13/20	JLI	70 - 130 %
% Dibromofluoromethane	98			%	1	06/13/20	JLI	70 - 130 %
% Toluene-d8	99			%	1	06/13/20	JLI	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100		ug/kg	1	06/13/20	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	109			%	1	06/13/20	JLI	70 - 130 %
% Bromofluorobenzene	84			%	1	06/13/20	JLI	70 - 130 %
% Dibromofluoromethane	98			%	1	06/13/20	JLI	70 - 130 %
% Toluene-d8	99			%	1	06/13/20	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	27		ug/Kg	1	06/13/20	JLI	SW8260C
Acrolein	ND	6.6		ug/Kg	1	06/13/20	JLI	SW8260C
Acrylonitrile	ND	27		ug/Kg	1	06/13/20	JLI	SW8260C
Tert-butyl alcohol	ND	130		ug/Kg	1	06/13/20	JLI	SW8260C
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	1	06/12/20	WB	SW8270D
1,2,4-Trichlorobenzene	ND	240	100	ug/Kg	1	06/12/20	WB	SW8270D
1,2-Dichlorobenzene	ND	240	97	ug/Kg	1	06/12/20	WB	SW8270D
1,2-Diphenylhydrazine	ND	240	110	ug/Kg	1	06/12/20	WB	SW8270D
1,3-Dichlorobenzene	ND	240	100	ug/Kg	1	06/12/20	WB	SW8270D
1,4-Dichlorobenzene	ND	240	100	ug/Kg	1	06/12/20	WB	SW8270D
2,4,5-Trichlorophenol	ND	240	190	ug/Kg	1	06/12/20	WB	SW8270D
2,4,6-Trichlorophenol	ND	170	110	ug/Kg	1	06/12/20	WB	SW8270D
2,4-Dichlorophenol	ND	170	120	ug/Kg	1	06/12/20	WB	SW8270D
2,4-Dimethylphenol	ND	240	86	ug/Kg	1	06/12/20	WB	SW8270D

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC11 (0-2)

Phoenix I.D.: CG11343

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
2,4-Dinitrophenol	ND		240	240	ug/Kg	1	06/12/20	WB	SW8270D	
2,4-Dinitrotoluene	ND		170	140	ug/Kg	1	06/12/20	WB	SW8270D	
2,6-Dinitrotoluene	ND		170	110	ug/Kg	1	06/12/20	WB	SW8270D	
2-Chloronaphthalene	ND		240	98	ug/Kg	1	06/12/20	WB	SW8270D	
2-Chlorophenol	ND		240	98	ug/Kg	1	06/12/20	WB	SW8270D	
2-Methylnaphthalene	ND		240	100	ug/Kg	1	06/12/20	WB	SW8270D	
2-Methylphenol (o-cresol)	ND		240	160	ug/Kg	1	06/12/20	WB	SW8270D	
2-Nitroaniline	ND		240	240	ug/Kg	1	06/12/20	WB	SW8270D	
2-Nitrophenol	ND		240	220	ug/Kg	1	06/12/20	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		240	140	ug/Kg	1	06/12/20	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND		170	160	ug/Kg	1	06/12/20	WB	SW8270D	
3-Nitroaniline	ND		350	690	ug/Kg	1	06/12/20	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND		210	69	ug/Kg	1	06/12/20	WB	SW8270D	
4-Bromophenyl phenyl ether	ND		240	100	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chloro-3-methylphenol	ND		240	120	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chloroaniline	ND		280	160	ug/Kg	1	06/12/20	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND		240	120	ug/Kg	1	06/12/20	WB	SW8270D	
4-Nitroaniline	ND		350	120	ug/Kg	1	06/12/20	WB	SW8270D	
4-Nitrophenol	ND		350	160	ug/Kg	1	06/12/20	WB	SW8270D	
Acenaphthene	ND		240	110	ug/Kg	1	06/12/20	WB	SW8270D	
Acenaphthylene	ND		240	97	ug/Kg	1	06/12/20	WB	SW8270D	
Acetophenone	ND		240	110	ug/Kg	1	06/12/20	WB	SW8270D	
Aniline	ND		280	280	ug/Kg	1	06/12/20	WB	SW8270D	
Anthracene	ND		240	110	ug/Kg	1	06/12/20	WB	SW8270D	
Benz(a)anthracene	140	J	240	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzidine	ND		350	200	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(a)pyrene	230		170	110	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(b)fluoranthene	160	J	240	120	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(ghi)perylene	150	J	240	110	ug/Kg	1	06/12/20	WB	SW8270D	
Benzo(k)fluoranthene	150	J	240	110	ug/Kg	1	06/12/20	WB	SW8270D	
Benzoic acid	ND		1700	690	ug/Kg	1	06/12/20	WB	SW8270D	
Benzyl butyl phthalate	ND		240	89	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND		240	95	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroethyl)ether	ND		170	93	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND		240	96	ug/Kg	1	06/12/20	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	ND		240	99	ug/Kg	1	06/12/20	WB	SW8270D	
Carbazole	ND		170	140	ug/Kg	1	06/12/20	WB	SW8270D	
Chrysene	130	J	240	120	ug/Kg	1	06/12/20	WB	SW8270D	
Dibenz(a,h)anthracene	ND		170	110	ug/Kg	1	06/12/20	WB	SW8270D	
Dibenzofuran	ND		240	100	ug/Kg	1	06/12/20	WB	SW8270D	
Diethyl phthalate	ND		240	110	ug/Kg	1	06/12/20	WB	SW8270D	
Dimethylphthalate	ND		240	110	ug/Kg	1	06/12/20	WB	SW8270D	
Di-n-butylphthalate	ND		240	92	ug/Kg	1	06/12/20	WB	SW8270D	
Di-n-octylphthalate	ND		240	89	ug/Kg	1	06/12/20	WB	SW8270D	
Fluoranthene	180	J	240	110	ug/Kg	1	06/12/20	WB	SW8270D	
Fluorene	ND		240	110	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorobenzene	ND		170	100	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorobutadiene	ND		240	130	ug/Kg	1	06/12/20	WB	SW8270D	
Hexachlorocyclopentadiene	ND		240	110	ug/Kg	1	06/12/20	WB	SW8270D	

Project ID: 40 BRUCKNER BLVD BRONX
Client ID: EBC11 (0-2)

Phoenix I.D.: CG11343

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
Hexachloroethane	ND		170	100	ug/Kg	1	06/12/20	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	160	J	240	110	ug/Kg	1	06/12/20	WB	SW8270D	
Isophorone	ND		170	97	ug/Kg	1	06/12/20	WB	SW8270D	
Naphthalene	ND		240	99	ug/Kg	1	06/12/20	WB	SW8270D	
Nitrobenzene	ND		170	120	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodimethylamine	ND		240	97	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND		170	110	ug/Kg	1	06/12/20	WB	SW8270D	
N-Nitrosodiphenylamine	ND		240	130	ug/Kg	1	06/12/20	WB	SW8270D	
Pentachloronitrobenzene	ND		240	130	ug/Kg	1	06/12/20	WB	SW8270D	
Pentachlorophenol	ND		210	130	ug/Kg	1	06/12/20	WB	SW8270D	
Phenanthrene	110	J	240	99	ug/Kg	1	06/12/20	WB	SW8270D	
Phenol	ND		240	110	ug/Kg	1	06/12/20	WB	SW8270D	
Pyrene	160	J	240	120	ug/Kg	1	06/12/20	WB	SW8270D	
Pyridine	ND		240	85	ug/Kg	1	06/12/20	WB	SW8270D	
QA/QC Surrogates										
% 2,4,6-Tribromophenol	51				%	1	06/12/20	WB	30 - 130 %	
% 2-Fluorobiphenyl	49				%	1	06/12/20	WB	30 - 130 %	
% 2-Fluorophenol	42				%	1	06/12/20	WB	30 - 130 %	
% Nitrobenzene-d5	46				%	1	06/12/20	WB	30 - 130 %	
% Phenol-d5	50				%	1	06/12/20	WB	30 - 130 %	
% Terphenyl-d14	73				%	1	06/12/20	WB	30 - 130 %	
Field Extraction	Completed						06/10/20		SW5035A	1

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

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

Comments:

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

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

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
June 16, 2020
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

June 16, 2020

QA/QC Data

SDG I.D.: GCG11328

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 533273 (mg/kg), QC Sample No: CG11338 2X (CG11328, CG11329, CG11330, CG11331, CG11332, CG11333, CG11334, CG11335, CG11336, CG11337, CG11338, CG11339, CG11340, CG11341, CG11342)														
Mercury - Soil	BRL	0.03	0.15	0.19	23.5	100	102	2.0	>125	84.8	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 533274 (mg/kg), QC Sample No: CG11693 2X (CG11343)														
Mercury - Soil	BRL	0.03	0.16	0.18	11.8	97.4	103	5.6	91.6	94.3	2.9	70 - 130	30	
Comment:														
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.														
QA/QC Batch 533191 (mg/kg), QC Sample No: CG11328 (CG11328, CG11329, CG11330, CG11331, CG11332, CG11333, CG11334, CG11335, CG11336, CG11337, CG11338, CG11339, CG11340, CG11341, CG11342, CG11343)														
ICP Metals - Soil														
Aluminum	BRL	5.0	8670	8540	1.50	123	113	8.5	NC			75 - 125	35	
Antimony	BRL	3.3	<3.6	<3.6	NC	111	108	2.7	92.6			75 - 125	35	
Arsenic	BRL	0.67	2.97	2.77	NC	109	102	6.6	95.6			75 - 125	35	
Barium	BRL	0.33	98.7	89.7	9.60	114	108	5.4	103			75 - 125	35	
Beryllium	BRL	0.27	0.48	0.40	NC	105	108	2.8	96.7			75 - 125	35	
Cadmium	BRL	0.33	1.06	0.91	NC	99.4	100	0.6	91.9			75 - 125	35	
Calcium	BRL	5.0	32300	54600	51.3	109	101	7.6	NC			75 - 125	35	r
Chromium	BRL	0.33	31.6	19.8	45.9	106	106	0.0	88.8			75 - 125	35	r
Cobalt	BRL	0.33	7.80	7.47	4.30	102	104	1.9	94.5			75 - 125	35	
Copper	BRL	0.67	85.8	82.7	3.70	107	102	4.8	95.7			75 - 125	35	
Iron	BRL	5.0	15500	16200	4.40	120	104	14.3	NC			75 - 125	35	
Lead	BRL	0.33	104	107	2.80	107	97.3	9.5	83.2			75 - 125	35	
Magnesium	BRL	5.0	7800	20400	89.4	116	110	5.3	NC			75 - 125	35	r
Manganese	BRL	0.33	283	254	10.8	106	110	3.7	82.1			75 - 125	35	
Nickel	BRL	0.33	23.8	18.7	24.0	104	105	1.0	89.8			75 - 125	35	
Potassium	BRL	5.0	1850	1910	3.20	106	124	15.7	>130			75 - 125	35	m
Selenium	BRL	1.3	<1.4	<1.4	NC	111	109	1.8	98.4			75 - 125	35	
Silver	BRL	0.33	<0.36	<0.36	NC	108	103	4.7	97.8			75 - 125	35	
Sodium	BRL	5.0	448	494	9.80	102	96.9	5.1	>130			75 - 125	35	m
Thallium	BRL	3.0	<1.4	<3.3	NC	108	102	5.7	93.3			75 - 125	35	
Vanadium	BRL	0.33	28.0	35.2	22.8	112	107	4.6	101			75 - 125	35	
Zinc	BRL	0.67	96.7	80.8	17.9	107	103	3.8	81.1			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.
r = This parameter is outside laboratory RPD specified recovery limits.

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

QA/QC Report

June 16, 2020

QA/QC Data

SDG I.D.: GCG11328

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 533186 (ug/Kg), QC Sample No: CG11342 2X (CG11333, CG11334, CG11335, CG11336, CG11337, CG11338, CG11339, CG11340, CG11341, CG11342, CG11343)										
Polychlorinated Biphenyls - Soil										
PCB-1016	ND	33	66			73	66	10.1	40 - 140	30
PCB-1221	ND	33							40 - 140	30
PCB-1232	ND	33							40 - 140	30
PCB-1242	ND	33							40 - 140	30
PCB-1248	ND	33							40 - 140	30
PCB-1254	ND	33							40 - 140	30
PCB-1260	ND	33	72			73	68	7.1	40 - 140	30
PCB-1262	ND	33							40 - 140	30
PCB-1268	ND	33							40 - 140	30
% DCBP (Surrogate Rec)	71	%	81			83	78	6.2	30 - 150	30
% DCBP (Surrogate Rec) (Confirm	69	%	82			86	81	6.0	30 - 150	30
% TCMX (Surrogate Rec)	62	%	73			81	72	11.8	30 - 150	30
% TCMX (Surrogate Rec) (Confirm	67	%	73			80	72	10.5	30 - 150	30
Comment:										
This batch consists of a Blank, LCS, MS and MSD.										
QA/QC Batch 533198 (ug/Kg), QC Sample No: CG11828 2X (CG11328, CG11329, CG11330, CG11331, CG11332)										
Polychlorinated Biphenyls - Soil										
PCB-1016	ND	33	66	59	11.2	57			40 - 140	30
PCB-1221	ND	33							40 - 140	30
PCB-1232	ND	33							40 - 140	30
PCB-1242	ND	33							40 - 140	30
PCB-1248	ND	33							40 - 140	30
PCB-1254	ND	33							40 - 140	30
PCB-1260	ND	33	76	65	15.6	55			40 - 140	30
PCB-1262	ND	33							40 - 140	30
PCB-1268	ND	33							40 - 140	30
% DCBP (Surrogate Rec)	134	%	96	77	22.0	57			30 - 150	30
% DCBP (Surrogate Rec) (Confirm	117	%	95	81	15.9	57			30 - 150	30
% TCMX (Surrogate Rec)	115	%	73	66	10.1	59			30 - 150	30
% TCMX (Surrogate Rec) (Confirm	99	%	75	75	0.0	56			30 - 150	30
Comment:										
This batch consists of a Blank, LCS, LCSD and MS.										
QA/QC Batch 533187 (ug/Kg), QC Sample No: CG11342 2X (CG11333, CG11334, CG11335, CG11336, CG11337, CG11338, CG11339, CG11340, CG11341, CG11342, CG11343)										
Pesticides - Soil										
4,4' -DDD	ND	1.7	75	64	15.8	52	42	21.3	40 - 140	30
4,4' -DDE	ND	1.7	69	61	12.3	50	41	19.8	40 - 140	30
4,4' -DDT	ND	1.7	70	61	13.7	48	40	18.2	40 - 140	30
a-BHC	ND	1.0	63	57	10.0	46	37	21.7	40 - 140	30

QA/QC Data

SDG I.D.: GCG11328

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
a-Chlordane	ND	3.3	70	62	12.1	53	44	18.6	40 - 140	30
Aldrin	ND	1.0	65	61	6.3	47	38	21.2	40 - 140	30
b-BHC	ND	1.0	72	66	8.7	56	47	17.5	40 - 140	30
Chlordane	ND	33	69	61	12.3	53	43	20.8	40 - 140	30
d-BHC	ND	3.3	59	52	12.6	43	34	23.4	40 - 140	30
Dieldrin	ND	1.0	70	62	12.1	51	42	19.4	40 - 140	30
Endosulfan I	ND	3.3	76	66	14.1	55	45	20.0	40 - 140	30
Endosulfan II	ND	3.3	75	65	14.3	52	45	14.4	40 - 140	30
Endosulfan sulfate	ND	3.3	75	70	6.9	50	44	12.8	40 - 140	30
Endrin	ND	3.3	70	64	9.0	52	42	21.3	40 - 140	30
Endrin aldehyde	ND	3.3	68	60	12.5	52	41	23.7	40 - 140	30
Endrin ketone	ND	3.3	80	70	13.3	54	45	18.2	40 - 140	30
g-BHC	ND	1.0	70	61	13.7	50	41	19.8	40 - 140	30
g-Chlordane	ND	3.3	69	61	12.3	53	43	20.8	40 - 140	30
Heptachlor	ND	3.3	69	61	12.3	52	42	21.3	40 - 140	30
Heptachlor epoxide	ND	3.3	69	62	10.7	53	43	20.8	40 - 140	30
Methoxychlor	ND	3.3	78	71	9.4	68	52	26.7	40 - 140	30
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	40 - 140	30
% DCBP	66	%	72	67	7.2	55	47	15.7	30 - 150	30
% DCBP (Confirmation)	79	%	85	74	13.8	61	55	10.3	30 - 150	30
% TCMX	58	%	64	57	11.6	48	40	18.2	30 - 150	30
% TCMX (Confirmation)	57	%	61	58	5.0	50	40	22.2	30 - 150	30

QA/QC Batch 533202 (ug/Kg), QC Sample No: CG11828 2X (CG11328, CG11329, CG11330, CG11331, CG11332)

Pesticides - Soil

4,4' -DDD	ND	1.7	84	90	6.9	64	74	14.5	40 - 140	30
4,4' -DDE	ND	1.7	71	76	6.8	62	71	13.5	40 - 140	30
4,4' -DDT	ND	1.7	77	84	8.7	72	78	8.0	40 - 140	30
a-BHC	ND	1.0	40	40	0.0	35	37	5.6	40 - 140	30
a-Chlordane	ND	3.3	63	69	9.1	47	53	12.0	40 - 140	30
Aldrin	ND	1.0	51	59	14.5	41	46	11.5	40 - 140	30
b-BHC	ND	1.0	86	95	9.9	65	73	11.6	40 - 140	30
Chlordane	ND	33	60	69	14.0	47	50	6.2	40 - 140	30
d-BHC	ND	3.3	60	67	11.0	44	50	12.8	40 - 140	30
Dieldrin	ND	1.0	62	68	9.2	46	52	12.2	40 - 140	30
Endosulfan I	ND	3.3	60	66	9.5	44	51	14.7	40 - 140	30
Endosulfan II	ND	3.3	71	75	5.5	51	59	14.5	40 - 140	30
Endosulfan sulfate	ND	3.3	74	79	6.5	58	67	14.4	40 - 140	30
Endrin	ND	3.3	64	70	9.0	48	55	13.6	40 - 140	30
Endrin aldehyde	ND	3.3	76	82	7.6	60	67	11.0	40 - 140	30
Endrin ketone	ND	3.3	90	96	6.5	64	76	17.1	40 - 140	30
g-BHC	ND	1.0	55	62	12.0	42	47	11.2	40 - 140	30
g-Chlordane	ND	3.3	60	69	14.0	47	50	6.2	40 - 140	30
Heptachlor	ND	3.3	52	58	10.9	41	46	11.5	40 - 140	30
Heptachlor epoxide	ND	3.3	54	61	12.2	42	47	11.2	40 - 140	30
Methoxychlor	ND	3.3	91	99	8.4	72	83	14.2	40 - 140	30
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	40 - 140	30
% DCBP	61	%	69	74	7.0	45	55	20.0	30 - 150	30
% DCBP (Confirmation)	64	%	71	81	13.2	46	59	24.8	30 - 150	30
% TCMX	63	%	50	55	9.5	39	44	12.0	30 - 150	30
% TCMX (Confirmation)	62	%	50	59	16.5	38	46	19.0	30 - 150	30

QA/QC Data

SDG I.D.: GCG11328

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 533178 (ug/kg), QC Sample No: CG11342 (CG11328, CG11329, CG11330, CG11331, CG11332, CG11333, CG11334, CG11335, CG11336, CG11337, CG11338, CG11339, CG11340, CG11341, CG11342, CG11343)											
Semivolatiles - Soil											
1,2,4,5-Tetrachlorobenzene	ND	230	60	56	6.9	39	40	2.5	40 - 140	30	m
1,2,4-Trichlorobenzene	ND	230	57	50	13.1	31	34	9.2	40 - 140	30	m
1,2-Dichlorobenzene	ND	180	52	40	26.1	23	27	16.0	40 - 140	30	m
1,2-Diphenylhydrazine	ND	230	73	73	0.0	66	60	9.5	40 - 140	30	
1,3-Dichlorobenzene	ND	230	52	38	31.1	21	26	21.3	40 - 140	30	l,m,r
1,4-Dichlorobenzene	ND	230	51	39	26.7	22	26	16.7	40 - 140	30	l,m
2,4,5-Trichlorophenol	ND	230	73	71	2.8	63	56	11.8	40 - 140	30	
2,4,6-Trichlorophenol	ND	130	69	68	1.5	55	49	11.5	30 - 130	30	
2,4-Dichlorophenol	ND	130	67	61	9.4	44	42	4.7	30 - 130	30	
2,4-Dimethylphenol	ND	230	69	65	6.0	45	46	2.2	30 - 130	30	
2,4-Dinitrophenol	ND	230	16	19	17.1	40	31	25.4	30 - 130	30	l
2,4-Dinitrotoluene	ND	130	85	84	1.2	77	71	8.1	30 - 130	30	
2,6-Dinitrotoluene	ND	130	77	76	1.3	67	62	7.8	40 - 140	30	
2-Chloronaphthalene	ND	230	67	64	4.6	46	45	2.2	40 - 140	30	
2-Chlorophenol	ND	230	65	57	13.1	32	36	11.8	30 - 130	30	
2-Methylnaphthalene	ND	230	62	56	10.2	38	39	2.6	40 - 140	30	m
2-Methylphenol (o-cresol)	ND	230	66	59	11.2	35	40	13.3	40 - 140	30	m
2-Nitroaniline	ND	330	166	163	1.8	148	137	7.7	40 - 140	30	l,m
2-Nitrophenol	ND	230	69	59	15.6	37	38	2.7	40 - 140	30	m
3&4-Methylphenol (m&p-cresol)	ND	230	67	61	9.4	40	40	0.0	30 - 130	30	
3,3'-Dichlorobenzidine	ND	130	82	84	2.4	74	67	9.9	40 - 140	30	
3-Nitroaniline	ND	330	91	91	0.0	79	75	5.2	40 - 140	30	
4,6-Dinitro-2-methylphenol	ND	230	44	53	18.6	64	54	16.9	30 - 130	30	
4-Bromophenyl phenyl ether	ND	230	72	73	1.4	67	59	12.7	40 - 140	30	
4-Chloro-3-methylphenol	ND	230	72	71	1.4	62	58	6.7	30 - 130	30	
4-Chloroaniline	ND	230	75	69	8.3	52	50	3.9	40 - 140	30	
4-Chlorophenyl phenyl ether	ND	230	69	68	1.5	61	55	10.3	40 - 140	30	
4-Nitroaniline	ND	230	84	82	2.4	73	65	11.6	40 - 140	30	
4-Nitrophenol	ND	230	63	60	4.9	59	49	18.5	30 - 130	30	
Acenaphthene	ND	230	68	66	3.0	54	50	7.7	30 - 130	30	
Acenaphthylene	ND	130	68	65	4.5	53	49	7.8	40 - 140	30	
Acetophenone	ND	230	57	50	13.1	31	33	6.3	40 - 140	30	m
Aniline	ND	330	58	50	14.8	29	32	9.8	40 - 140	30	m
Anthracene	ND	230	73	73	0.0	67	59	12.7	40 - 140	30	
Benz(a)anthracene	ND	230	73	74	1.4	68	59	14.2	40 - 140	30	
Benzidine	ND	330	84	82	2.4	57	50	13.1	40 - 140	30	
Benzo(a)pyrene	ND	130	76	76	0.0	69	60	14.0	40 - 140	30	
Benzo(b)fluoranthene	ND	160	89	90	1.1	85	73	15.2	40 - 140	30	
Benzo(ghi)perylene	ND	230	71	70	1.4	62	54	13.8	40 - 140	30	
Benzo(k)fluoranthene	ND	230	59	58	1.7	54	45	18.2	40 - 140	30	
Benzoic Acid	ND	670	<10	<10	NC	14	13	7.4	30 - 130	30	l,m
Benzyl butyl phthalate	ND	230	84	83	1.2	75	68	9.8	40 - 140	30	
Bis(2-chloroethoxy)methane	ND	230	62	56	10.2	34	37	8.5	40 - 140	30	m
Bis(2-chloroethyl)ether	ND	130	52	43	18.9	22	27	20.4	40 - 140	30	m
Bis(2-chloroisopropyl)ether	ND	230	53	45	16.3	25	28	11.3	40 - 140	30	m
Bis(2-ethylhexyl)phthalate	ND	230	82	83	1.2	76	66	14.1	40 - 140	30	
Carbazole	ND	230	78	77	1.3	72	63	13.3	40 - 140	30	
Chrysene	ND	230	75	76	1.3	69	60	14.0	40 - 140	30	
Dibenz(a,h)anthracene	ND	130	70	69	1.4	61	54	12.2	40 - 140	30	

QA/QC Data

SDG I.D.: GCG11328

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Dibenzofuran	ND	230	70	67	4.4	59	53	10.7	40 - 140	30	
Diethyl phthalate	ND	230	81	79	2.5	72	65	10.2	40 - 140	30	
Dimethylphthalate	ND	230	75	74	1.3	67	60	11.0	40 - 140	30	
Di-n-butylphthalate	ND	670	82	81	1.2	76	66	14.1	40 - 140	30	
Di-n-octylphthalate	ND	230	82	82	0.0	74	65	12.9	40 - 140	30	
Fluoranthene	ND	230	75	74	1.3	73	60	19.5	40 - 140	30	
Fluorene	ND	230	70	68	2.9	61	55	10.3	40 - 140	30	
Hexachlorobenzene	ND	130	79	78	1.3	75	65	14.3	40 - 140	30	
Hexachlorobutadiene	ND	230	59	48	20.6	30	33	9.5	40 - 140	30	m
Hexachlorocyclopentadiene	ND	230	33	27	20.0	13	14	7.4	40 - 140	30	l,m
Hexachloroethane	ND	130	55	40	31.6	23	27	16.0	40 - 140	30	m,r
Indeno(1,2,3-cd)pyrene	ND	230	69	69	0.0	61	52	15.9	40 - 140	30	
Isophorone	ND	130	60	55	8.7	37	37	0.0	40 - 140	30	m
Naphthalene	ND	230	56	49	13.3	30	33	9.5	40 - 140	30	m
Nitrobenzene	ND	130	63	53	17.2	32	35	9.0	40 - 140	30	m
N-Nitrosodimethylamine	ND	230	40	29	31.9	16	20	22.2	40 - 140	30	l,m,r
N-Nitrosodi-n-propylamine	ND	130	57	52	9.2	32	33	3.1	40 - 140	30	m
N-Nitrosodiphenylamine	ND	130	80	80	0.0	72	66	8.7	40 - 140	30	
Pentachloronitrobenzene	ND	230	84	81	3.6	75	66	12.8	40 - 140	30	
Pentachlorophenol	ND	230	53	46	14.1	40	34	16.2	30 - 130	30	
Phenanthrene	ND	130	71	70	1.4	70	57	20.5	40 - 140	30	
Phenol	ND	230	74	66	11.4	38	43	12.3	30 - 130	30	
Pyrene	ND	230	78	76	2.6	74	62	17.6	30 - 130	30	
Pyridine	ND	230	41	31	27.8	17	20	16.2	40 - 140	30	l,m
% 2,4,6-Tribromophenol	90	%	79	85	7.3	68	61	10.9	30 - 130	30	
% 2-Fluorobiphenyl	59	%	59	56	5.2	39	39	0.0	30 - 130	30	
% 2-Fluorophenol	51	%	59	51	14.5	27	31	13.8	30 - 130	30	m
% Nitrobenzene-d5	49	%	58	49	16.8	29	33	12.9	30 - 130	30	m
% Phenol-d5	58	%	62	55	12.0	32	36	11.8	30 - 130	30	
% Terphenyl-d14	89	%	80	78	2.5	71	62	13.5	30 - 130	30	

Comment:

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

QA/QC Batch 533574 (ug/kg), QC Sample No: CG11342 (CG11342, CG11343)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	5.0	109	103	5.7	100			70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	103	94	9.1	93			70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	107	99	7.8	80			70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	101	92	9.3	90			70 - 130	30	
1,1-Dichloroethane	ND	5.0	97	89	8.6	92			70 - 130	30	
1,1-Dichloroethene	ND	5.0	115	105	9.1	97			70 - 130	30	
1,1-Dichloropropene	ND	5.0	102	91	11.4	86			70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	102	94	8.2	45			70 - 130	30	m
1,2,3-Trichloropropane	ND	5.0	101	93	8.2	92			70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	106	96	9.9	42			70 - 130	30	m
1,2,4-Trimethylbenzene	ND	1.0	104	97	7.0	81			70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	116	107	8.1	94			70 - 130	30	
1,2-Dibromoethane	ND	5.0	104	97	7.0	85			70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	100	93	7.3	70			70 - 130	30	
1,2-Dichloroethane	ND	5.0	100	91	9.4	88			70 - 130	30	
1,2-Dichloropropane	ND	5.0	101	92	9.3	92			70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	106	97	8.9	89			70 - 130	30	

QA/QC Data

SDG I.D.: GCG11328

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,3-Dichlorobenzene	ND	5.0	103	95	8.1	67			70 - 130	30	m
1,3-Dichloropropane	ND	5.0	102	94	8.2	90			70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	101	93	8.2	61			70 - 130	30	m
1,4-dioxane	ND	100	102	95	7.1	105			70 - 130	30	
2,2-Dichloropropane	ND	5.0	107	104	2.8	99			70 - 130	30	
2-Chlorotoluene	ND	5.0	104	94	10.1	83			70 - 130	30	
2-Hexanone	ND	25	101	91	10.4	82			70 - 130	30	
2-Isopropyltoluene	ND	5.0	111	103	7.5	93			70 - 130	30	
4-Chlorotoluene	ND	5.0	102	94	8.2	72			70 - 130	30	
4-Methyl-2-pentanone	ND	25	107	96	10.8	95			70 - 130	30	
Acetone	ND	10	92	82	11.5	99			70 - 130	30	
Acrolein	ND	25	116	104	10.9	61			70 - 130	30	m
Acrylonitrile	ND	5.0	100	89	11.6	92			70 - 130	30	
Benzene	ND	1.0	107	98	8.8	94			70 - 130	30	
Bromobenzene	ND	5.0	101	95	6.1	77			70 - 130	30	
Bromochloromethane	ND	5.0	104	96	8.0	92			70 - 130	30	
Bromodichloromethane	ND	5.0	107	99	7.8	96			70 - 130	30	
Bromoform	ND	5.0	113	107	5.5	93			70 - 130	30	
Bromomethane	ND	5.0	119	112	6.1	107			70 - 130	30	
Carbon Disulfide	ND	5.0	123	111	10.3	92			70 - 130	30	
Carbon tetrachloride	ND	5.0	108	99	8.7	98			70 - 130	30	
Chlorobenzene	ND	5.0	104	96	8.0	80			70 - 130	30	
Chloroethane	ND	5.0	120	108	10.5	105			70 - 130	30	
Chloroform	ND	5.0	101	93	8.2	92			70 - 130	30	
Chloromethane	ND	5.0	102	92	10.3	89			70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	104	93	11.2	87			70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	105	98	6.9	85			70 - 130	30	
Dibromochloromethane	ND	3.0	114	107	6.3	100			70 - 130	30	
Dibromomethane	ND	5.0	100	91	9.4	86			70 - 130	30	
Dichlorodifluoromethane	ND	5.0	134	119	11.9	116			70 - 130	30	l
Ethylbenzene	ND	1.0	109	100	8.6	87			70 - 130	30	
Hexachlorobutadiene	ND	5.0	104	95	9.0	71			70 - 130	30	
Isopropylbenzene	ND	1.0	104	95	9.0	93			70 - 130	30	
m&p-Xylene	ND	2.0	110	100	9.5	86			70 - 130	30	
Methyl ethyl ketone	ND	5.0	94	85	10.1	83			70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	110	103	6.6	104			70 - 130	30	
Methylene chloride	ND	5.0	100	93	7.3	105			70 - 130	30	
Naphthalene	ND	5.0	110	102	7.5	44			70 - 130	30	m
n-Butylbenzene	ND	1.0	109	98	10.6	74			70 - 130	30	
n-Propylbenzene	ND	1.0	104	95	9.0	84			70 - 130	30	
o-Xylene	ND	2.0	108	99	8.7	88			70 - 130	30	
p-Isopropyltoluene	ND	1.0	109	99	9.6	87			70 - 130	30	
sec-Butylbenzene	ND	1.0	113	103	9.3	93			70 - 130	30	
Styrene	ND	5.0	111	102	8.5	76			70 - 130	30	
tert-butyl alcohol	ND	100	115	104	10.0	111			70 - 130	30	
tert-Butylbenzene	ND	1.0	104	96	8.0	94			70 - 130	30	
Tetrachloroethene	ND	5.0	104	93	11.2	85			70 - 130	30	
Tetrahydrofuran (THF)	ND	5.0	102	92	10.3	91			70 - 130	30	
Toluene	ND	1.0	106	97	8.9	89			70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	112	102	9.3	88			70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	108	100	7.7	79			70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	127	119	6.5	91			70 - 130	30	
Trichloroethene	ND	5.0	102	93	9.2	98			70 - 130	30	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Trichlorofluoromethane	ND	5.0	117	103	12.7	100			70 - 130	30	
Trichlorotrifluoroethane	ND	5.0	118	104	12.6	102			70 - 130	30	
Vinyl chloride	ND	5.0	119	108	9.7	103			70 - 130	30	
% 1,2-dichlorobenzene-d4	101	%	101	102	1.0	103			70 - 130	30	
% Bromofluorobenzene	98	%	101	100	1.0	99			70 - 130	30	
% Dibromofluoromethane	94	%	101	101	0.0	100			70 - 130	30	
% Toluene-d8	100	%	99	98	1.0	99			70 - 130	30	

Comment:

The MSD is not reported for this LL soil batch.

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

QA/QC Batch 533629 (ug/kg), QC Sample No: CG12540 (CG11329, CG11330)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	5.0	110	112	1.8	88	91	3.4	70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	102	103	1.0	87	89	2.3	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	100	103	3.0	80	80	0.0	70 - 130	30	
1,1-Dichloroethane	ND	5.0	95	95	0.0	81	82	1.2	70 - 130	30	
1,1-Dichloroethene	ND	5.0	112	111	0.9	97	99	2.0	70 - 130	30	
1,1-Dichloropropene	ND	5.0	102	100	2.0	85	86	1.2	70 - 130	30	
1,2-Dibromoethane	ND	5.0	104	107	2.8	82	82	0.0	70 - 130	30	
1,2-Dichloroethane	ND	5.0	100	101	1.0	81	82	1.2	70 - 130	30	
1,2-Dichloropropane	ND	5.0	101	102	1.0	84	84	0.0	70 - 130	30	
1,3-Dichloropropane	ND	5.0	102	104	1.9	81	83	2.4	70 - 130	30	
1,4-dioxane	ND	100	108	111	2.7	84	91	8.0	70 - 130	30	
2,2-Dichloropropane	ND	5.0	113	114	0.9	91	94	3.2	70 - 130	30	
2-Hexanone	ND	25	100	102	2.0	70	71	1.4	70 - 130	30	
4-Methyl-2-pentanone	ND	25	107	109	1.9	82	83	1.2	70 - 130	30	
Acetone	ND	10	92	91	1.1	79	87	9.6	70 - 130	30	
Acrolein	ND	25	113	113	0.0	41	45	9.3	70 - 130	30	m
Acrylonitrile	ND	5.0	96	97	1.0	51	52	1.9	70 - 130	30	m
Benzene	ND	1.0	107	106	0.9	88	89	1.1	70 - 130	30	
Bromochloromethane	ND	5.0	102	107	4.8	84	85	1.2	70 - 130	30	
Bromodichloromethane	ND	5.0	106	109	2.8	87	87	0.0	70 - 130	30	
Bromoform	ND	5.0	115	120	4.3	81	85	4.8	70 - 130	30	
Bromomethane	ND	5.0	113	118	4.3	102	101	1.0	70 - 130	30	
Carbon Disulfide	ND	5.0	119	118	0.8	99	102	3.0	70 - 130	30	
Carbon tetrachloride	ND	5.0	107	108	0.9	88	93	5.5	70 - 130	30	
Chlorobenzene	ND	5.0	103	104	1.0	81	82	1.2	70 - 130	30	
Chloroethane	ND	5.0	115	112	2.6	100	101	1.0	70 - 130	30	
Chloroform	ND	5.0	100	102	2.0	85	85	0.0	70 - 130	30	
Chloromethane	ND	5.0	100	101	1.0	82	82	0.0	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	103	104	1.0	82	85	3.6	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	106	108	1.9	82	84	2.4	70 - 130	30	
Dibromochloromethane	ND	3.0	115	119	3.4	86	89	3.4	70 - 130	30	
Dibromomethane	ND	5.0	100	102	2.0	80	80	0.0	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	125	124	0.8	109	109	0.0	70 - 130	30	
Ethylbenzene	ND	1.0	108	107	0.9	89	89	0.0	70 - 130	30	
m&p-Xylene	ND	2.0	109	109	0.0	89	90	1.1	70 - 130	30	
Methyl ethyl ketone	ND	5.0	94	97	3.1	66	68	3.0	70 - 130	30	m
Methyl t-butyl ether (MTBE)	ND	1.0	109	112	2.7	91	94	3.2	70 - 130	30	
Methylene chloride	ND	5.0	99	99	0.0	89	90	1.1	70 - 130	30	
o-Xylene	ND	2.0	108	108	0.0	87	87	0.0	70 - 130	30	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Styrene	ND	5.0	111	112	0.9	82	84	2.4	70 - 130	30
tert-butyl alcohol	ND	100	113	118	4.3	92	99	7.3	70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	100	105	4.9	80	80	0.0	70 - 130	30
Toluene	ND	1.0	107	106	0.9	88	88	0.0	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	110	110	0.0	94	95	1.1	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	108	112	3.6	81	84	3.6	70 - 130	30
Trichloroethene	ND	5.0	103	101	2.0	85	84	1.2	70 - 130	30
Trichlorofluoromethane	ND	5.0	112	111	0.9	99	101	2.0	70 - 130	30
Trichlorotrifluoroethane	ND	5.0	115	114	0.9	101	103	2.0	70 - 130	30
Vinyl chloride	ND	5.0	116	115	0.9	101	101	0.0	70 - 130	30
% 1,2-dichlorobenzene-d4	102	%	101	100	1.0	101	101	0.0	70 - 130	30
% Bromofluorobenzene	99	%	101	101	0.0	101	102	1.0	70 - 130	30
% Dibromofluoromethane	99	%	99	100	1.0	100	99	1.0	70 - 130	30
% Toluene-d8	100	%	98	98	0.0	99	98	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 533629H (ug/kg), QC Sample No: CG12540 50X (CG11329 (50X) , CG11332 (50X) , CG11336 (50X) , CG11338 (50X))

Volatiles - Soil (High Level)

1,1,2,2-Tetrachloroethane	ND	250	106	107	0.9	97	103	6.0	70 - 130	30
1,2,3-Trichlorobenzene	ND	250	112	112	0.0	89	102	13.6	70 - 130	30
1,2,3-Trichloropropane	ND	250	103	102	1.0	96	102	6.1	70 - 130	30
1,2,4-Trichlorobenzene	ND	250	117	115	1.7	93	105	12.1	70 - 130	30
1,2,4-Trimethylbenzene	ND	250	108	108	0.0	98	103	5.0	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	250	114	112	1.8	96	108	11.8	70 - 130	30
1,2-Dichlorobenzene	ND	250	103	103	0.0	93	98	5.2	70 - 130	30
1,3,5-Trimethylbenzene	ND	250	109	110	0.9	99	103	4.0	70 - 130	30
1,3-Dichlorobenzene	ND	250	107	108	0.9	96	101	5.1	70 - 130	30
1,4-Dichlorobenzene	ND	250	105	105	0.0	93	98	5.2	70 - 130	30
2-Chlorotoluene	ND	250	106	107	0.9	97	100	3.0	70 - 130	30
2-Isopropyltoluene	ND	250	114	115	0.9	104	108	3.8	70 - 130	30
4-Chlorotoluene	ND	250	105	106	0.9	95	100	5.1	70 - 130	30
Bromobenzene	ND	250	104	105	1.0	96	100	4.1	70 - 130	30
Hexachlorobutadiene	ND	250	115	114	0.9	98	106	7.8	70 - 130	30
Isopropylbenzene	ND	250	107	108	0.9	98	102	4.0	70 - 130	30
Naphthalene	ND	250	115	115	0.0	94	109	14.8	70 - 130	30
n-Butylbenzene	ND	250	116	116	0.0	100	106	5.8	70 - 130	30
n-Propylbenzene	ND	250	108	109	0.9	99	102	3.0	70 - 130	30
p-Isopropyltoluene	ND	250	114	114	0.0	101	106	4.8	70 - 130	30
sec-Butylbenzene	ND	250	115	116	0.9	106	109	2.8	70 - 130	30
tert-Butylbenzene	ND	250	106	107	0.9	98	101	3.0	70 - 130	30
Tetrachloroethene	ND	250	106	106	0.0	96	101	5.1	70 - 130	30
trans-1,4-dichloro-2-butene	ND	250	130	131	0.8	109	117	7.1	70 - 130	30
% 1,2-dichlorobenzene-d4	101	%	101	100	1.0	102	101	1.0	70 - 130	30
% Bromofluorobenzene	97	%	100	100	0.0	101	101	0.0	70 - 130	30
% Dibromofluoromethane	91	%	99	97	2.0	100	99	1.0	70 - 130	30
% Toluene-d8	100	%	97	98	1.0	98	98	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.

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 533618 (ug/kg), QC Sample No: CG12783 (CG11328, CG11331, CG11332, CG11333, CG11334, CG11335, CG11336, CG11337, CG11338, CG11339, CG11340, CG11341)										
Volatiles - Soil (Low Level)										
1,1,1,2-Tetrachloroethane	ND	5.0	105	106	0.9				70 - 130	30
1,1,1-Trichloroethane	ND	5.0	98	96	2.1				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	99	101	2.0				70 - 130	30
1,1,2-Trichloroethane	ND	5.0	94	95	1.1				70 - 130	30
1,1-Dichloroethane	ND	5.0	90	89	1.1				70 - 130	30
1,1-Dichloroethene	ND	5.0	105	103	1.9				70 - 130	30
1,1-Dichloropropene	ND	5.0	97	95	2.1				70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	97	96	1.0				70 - 130	30
1,2,3-Trichloropropane	ND	5.0	90	92	2.2				70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	100	96	4.1				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	102	97	5.0				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	105	110	4.7				70 - 130	30
1,2-Dibromoethane	ND	5.0	98	99	1.0				70 - 130	30
1,2-Dichlorobenzene	ND	5.0	97	95	2.1				70 - 130	30
1,2-Dichloroethane	ND	5.0	93	93	0.0				70 - 130	30
1,2-Dichloropropane	ND	5.0	97	97	0.0				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	103	99	4.0				70 - 130	30
1,3-Dichlorobenzene	ND	5.0	100	95	5.1				70 - 130	30
1,3-Dichloropropane	ND	5.0	96	97	1.0				70 - 130	30
1,4-Dichlorobenzene	ND	5.0	96	93	3.2				70 - 130	30
1,4-dioxane	ND	100	97	98	1.0				70 - 130	30
2,2-Dichloropropane	ND	5.0	107	106	0.9				70 - 130	30
2-Chlorotoluene	ND	5.0	100	96	4.1				70 - 130	30
2-Hexanone	ND	25	87	91	4.5				70 - 130	30
2-Isopropyltoluene	ND	5.0	102	98	4.0				70 - 130	30
4-Chlorotoluene	ND	5.0	99	96	3.1				70 - 130	30
4-Methyl-2-pentanone	ND	25	92	95	3.2				70 - 130	30
Acetone	ND	10	80	80	0.0				70 - 130	30
Acrolein	ND	25	94	97	3.1				70 - 130	30
Acrylonitrile	ND	5.0	82	83	1.2				70 - 130	30
Benzene	ND	1.0	102	101	1.0				70 - 130	30
Bromobenzene	ND	5.0	100	97	3.0				70 - 130	30
Bromochloromethane	ND	5.0	99	99	0.0				70 - 130	30
Bromodichloromethane	ND	5.0	100	100	0.0				70 - 130	30
Bromoform	ND	5.0	107	107	0.0				70 - 130	30
Bromomethane	ND	5.0	102	100	2.0				70 - 130	30
Carbon Disulfide	ND	5.0	106	105	0.9				70 - 130	30
Carbon tetrachloride	ND	5.0	104	103	1.0				70 - 130	30
Chlorobenzene	ND	5.0	99	98	1.0				70 - 130	30
Chloroethane	ND	5.0	105	102	2.9				70 - 130	30
Chloroform	ND	5.0	96	95	1.0				70 - 130	30
Chloromethane	ND	5.0	87	88	1.1				70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	99	98	1.0				70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	101	101	0.0				70 - 130	30
Dibromochloromethane	ND	3.0	107	109	1.9				70 - 130	30
Dibromomethane	ND	5.0	93	95	2.1				70 - 130	30
Dichlorodifluoromethane	ND	5.0	98	97	1.0				70 - 130	30
Ethylbenzene	ND	1.0	104	101	2.9				70 - 130	30
Hexachlorobutadiene	ND	5.0	102	96	6.1				70 - 130	30

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Isopropylbenzene	ND	1.0	102	98	4.0				70 - 130	30
m&p-Xylene	ND	2.0	104	102	1.9				70 - 130	30
Methyl ethyl ketone	ND	5.0	81	83	2.4				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	95	97	2.1				70 - 130	30
Methylene chloride	ND	5.0	91	91	0.0				70 - 130	30
Naphthalene	ND	5.0	102	104	1.9				70 - 130	30
n-Butylbenzene	ND	1.0	105	99	5.9				70 - 130	30
n-Propylbenzene	ND	1.0	103	98	5.0				70 - 130	30
o-Xylene	ND	2.0	103	102	1.0				70 - 130	30
p-Isopropyltoluene	ND	1.0	106	102	3.8				70 - 130	30
sec-Butylbenzene	ND	1.0	110	105	4.7				70 - 130	30
Styrene	ND	5.0	105	104	1.0				70 - 130	30
tert-butyl alcohol	ND	100	93	93	0.0				70 - 130	30
tert-Butylbenzene	ND	1.0	102	99	3.0				70 - 130	30
Tetrachloroethene	ND	5.0	99	97	2.0				70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	86	90	4.5				70 - 130	30
Toluene	ND	1.0	101	101	0.0				70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	103	103	0.0				70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	101	102	1.0				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	112	113	0.9				70 - 130	30
Trichloroethene	ND	5.0	98	97	1.0				70 - 130	30
Trichlorofluoromethane	ND	5.0	102	100	2.0				70 - 130	30
Trichlorotrifluoroethane	ND	5.0	102	100	2.0				70 - 130	30
Vinyl chloride	ND	5.0	102	100	2.0				70 - 130	30
% 1,2-dichlorobenzene-d4	101	%	101	100	1.0				70 - 130	30
% Bromofluorobenzene	98	%	100	101	1.0				70 - 130	30
% Dibromofluoromethane	94	%	101	101	0.0				70 - 130	30
% Toluene-d8	99	%	98	99	1.0				70 - 130	30

Comment:

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

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

QA/QC Batch 533618H (ug/kg), QC Sample No: CG12783 50X (CG11330 (50X))

Volatiles - Soil (High Level)

1,1,1-Trichloroethane	ND	250	98	99	1.0	104	105	1.0	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	250	106	107	0.9	111	112	0.9	70 - 130	30
1,2,3-Trichlorobenzene	ND	250	109	111	1.8	96	105	9.0	70 - 130	30
1,2,3-Trichloropropane	ND	250	97	98	1.0	103	105	1.9	70 - 130	30
1,2,4-Trichlorobenzene	ND	250	114	114	0.0	101	108	6.7	70 - 130	30
1,2,4-Trimethylbenzene	ND	250	106	107	0.9	108	111	2.7	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	250	114	113	0.9	107	115	7.2	70 - 130	30
1,2-Dichlorobenzene	ND	250	102	102	0.0	103	104	1.0	70 - 130	30
1,3,5-Trimethylbenzene	ND	250	107	108	0.9	110	113	2.7	70 - 130	30
1,3-Dichlorobenzene	ND	250	106	106	0.0	106	108	1.9	70 - 130	30
1,4-Dichlorobenzene	ND	250	102	103	1.0	102	104	1.9	70 - 130	30
2-Chlorotoluene	ND	250	105	106	0.9	107	109	1.9	70 - 130	30
2-Isopropyltoluene	ND	250	105	106	0.9	108	111	2.7	70 - 130	30
4-Chlorotoluene	ND	250	104	105	1.0	106	108	1.9	70 - 130	30
Benzene	ND	250	106	106	0.0	109	111	1.8	70 - 130	30
Bromobenzene	ND	250	104	104	0.0	104	107	2.8	70 - 130	30
Hexachlorobutadiene	ND	250	112	112	0.0	108	115	6.3	70 - 130	30
Isopropylbenzene	ND	250	105	106	0.9	110	114	3.6	70 - 130	30

QA/QC Data

SDG I.D.: GCG11328

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Naphthalene	ND	250	114	114	0.0	103	119	14.4	70 - 130	30
n-Butylbenzene	ND	250	112	112	0.0	112	117	4.4	70 - 130	30
n-Propylbenzene	ND	250	106	107	0.9	110	113	2.7	70 - 130	30
p-Isopropyltoluene	ND	250	111	112	0.9	114	118	3.4	70 - 130	30
sec-Butylbenzene	ND	250	114	115	0.9	118	121	2.5	70 - 130	30
tert-Butylbenzene	ND	250	105	106	0.9	108	112	3.6	70 - 130	30
Tetrachloroethene	ND	250	102	103	1.0	102	106	3.8	70 - 130	30
Toluene	ND	250	105	105	0.0	107	110	2.8	70 - 130	30
trans-1,4-dichloro-2-butene	ND	250	120	121	0.8	113	117	3.5	70 - 130	30
% 1,2-dichlorobenzene-d4	101	%	100	101	1.0	101	101	0.0	70 - 130	30
% Bromofluorobenzene	97	%	100	100	0.0	99	99	0.0	70 - 130	30
% Dibromofluoromethane	92	%	100	99	1.0	96	97	1.0	70 - 130	30
% Toluene-d8	99	%	98	97	1.0	97	98	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 533749 (ug/kg), QC Sample No: CG13542 (CG11339)

Volatiles - Soil (Low Level)

Acetone	ND	10	86	77	11.0	86			70 - 130	30

Comment:

The MSD is not reported for this LL soil batch.

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

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.
m = This parameter is outside laboratory MS/MSD specified recovery limits.
r = This parameter is outside laboratory RPD specified recovery limits.

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

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

Phyllis Shiller, Laboratory Director
June 16, 2020

Tuesday, June 16, 2020

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

State: NY

Sample Criteria Exceedances Report

GCG11328 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CG11328	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1900	250	1000	1000	ug/Kg
CG11328	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	2000	250	1000	1000	ug/Kg
CG11328	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1400	250	1000	1000	ug/Kg
CG11328	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	2000	250	1000	1000	ug/Kg
CG11328	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	940	250	500	500	ug/Kg
CG11328	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1800	180	1000	1000	ug/Kg
CG11328	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1900	250	1000	1000	ug/Kg
CG11328	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1500	250	1000	1000	ug/Kg
CG11328	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	940	250	500	500	ug/Kg
CG11328	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	1500	250	1000	1000	ug/Kg
CG11328	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1800	180	1000	1000	ug/Kg
CG11328	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	2000	250	1000	1000	ug/Kg
CG11328	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	940	250	500	500	ug/Kg
CG11328	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1400	250	800	800	ug/Kg
CG11328	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1800	180	1000	1000	ug/Kg
CG11328	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1900	250	1000	1000	ug/Kg
CG11328	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2000	250	1000	1000	ug/Kg
CG11328	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1500	250	1000	1000	ug/Kg
CG11328	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	31.6	0.36	30		mg/Kg
CG11328	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	85.8	0.7	50	50	mg/kg
CG11328	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.58	0.14	0.18	0.18	mg/Kg
CG11328	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	104	0.7	63	63	mg/Kg
CG11329	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	0.92	0.14	0.73	0.73	mg/Kg
CG11329	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	0.92	0.14	0.81	0.81	mg/Kg
CG11329	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	0.92	0.14	0.81	0.81	mg/Kg
CG11329	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.92	0.14	0.18	0.18	mg/Kg
CG11329	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	282	0.7	63	63	mg/Kg
CG11329	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	224	0.7	109	109	mg/Kg
CG11330	$8260MADPR	Tetrachloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	2500	330	1300	1300	ug/Kg
CG11330	$8260MADPR	Tetrachloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	2500	330	1300	1300	ug/Kg
CG11330	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1100	250	1000	1000	ug/Kg
CG11330	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1200	250	1000	1000	ug/Kg
CG11330	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1200	250	1000	1000	ug/Kg
CG11330	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1100	250	1000	1000	ug/Kg
CG11330	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	550	250	500	500	ug/Kg
CG11330	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	550	250	500	500	ug/Kg
CG11330	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	1100	250	1000	1000	ug/Kg
CG11330	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	550	250	500	500	ug/Kg
CG11330	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100	250	1000	1000	ug/Kg
CG11330	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1200	250	1000	1000	ug/Kg

Tuesday, June 16, 2020

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

State: NY

Sample Criteria Exceedances Report

GCG11328 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CG11330	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.37	0.13	0.18	0.18	mg/Kg
CG11330	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	96.7	0.7	63	63	mg/Kg
CG11332	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	13000	2600	1000	1000	ug/Kg
CG11332	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	6200	260	1700	1700	ug/Kg
CG11332	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	12000	2600	1000	1000	ug/Kg
CG11332	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	9600	2600	1700	1700	ug/Kg
CG11332	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	12000	1800	1000	1000	ug/Kg
CG11332	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	6200	260	1000	1000	ug/Kg
CG11332	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	12000	2600	1000	1000	ug/Kg
CG11332	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	1400	180	330	330	ug/Kg
CG11332	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	9600	2600	1000	1000	ug/Kg
CG11332	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	6000	260	500	500	ug/Kg
CG11332	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	13000	2600	1000	1000	ug/Kg
CG11332	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential Restricted	12000	2600	3900	3900	ug/Kg
CG11332	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	6000	260	500	500	ug/Kg
CG11332	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	1400	180	330	330	ug/Kg
CG11332	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	6200	260	3900	3900	ug/Kg
CG11332	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	9600	2600	1000	1000	ug/Kg
CG11332	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	12000	1800	1000	1000	ug/Kg
CG11332	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	13000	2600	1000	1000	ug/Kg
CG11332	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	6200	260	800	800	ug/Kg
CG11332	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	12000	1800	1000	1000	ug/Kg
CG11332	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	12000	2600	1000	1000	ug/Kg
CG11332	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	13000	2600	1000	1000	ug/Kg
CG11332	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1400	180	330	330	ug/Kg
CG11332	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	6000	260	500	500	ug/Kg
CG11332	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	9600	2600	1000	1000	ug/Kg
CG11332	CD-SM	Cadmium	NY / 375-6.8 Metals / Residential	4.36	0.38	2.5	2.5	mg/Kg
CG11332	CD-SM	Cadmium	NY / 375-6.8 Metals / Residential Restricted	4.36	0.38	4.3	4.3	mg/Kg
CG11332	CD-SM	Cadmium	NY / 375-6.8 Metals / Unrestricted Use Soil	4.36	0.38	2.5	2.5	mg/Kg
CG11332	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.35	0.07	0.18	0.18	mg/Kg
CG11332	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	167	0.8	63	63	mg/Kg
CG11332	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Ground Water Protection	2690	7.6	2480	2480	mg/Kg
CG11332	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Residential	2690	7.6	2200	2200	mg/Kg
CG11332	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	2690	7.6	109	109	mg/Kg
CG11333	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	1100	280	500	500	ug/Kg
CG11333	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1100	280	500	500	ug/Kg
CG11333	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100	280	500	500	ug/Kg
CG11333	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	137	0.8	50	50	mg/kg
CG11333	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	1.61	0.16	0.73	0.73	mg/Kg

Tuesday, June 16, 2020

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

State: NY

Sample Criteria Exceedances Report

GCG11328 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CG11333	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	1.61	0.16	0.81	0.81	mg/Kg
CG11333	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	1.61	0.16	0.81	0.81	mg/Kg
CG11333	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	1.61	0.16	0.18	0.18	mg/Kg
CG11333	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	449	0.8	400	400	mg/Kg
CG11333	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	449	0.8	400	400	mg/Kg
CG11333	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	449	0.8	63	63	mg/Kg
CG11334	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	650	260	500	500	ug/Kg
CG11334	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	650	260	500	500	ug/Kg
CG11334	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	650	260	500	500	ug/Kg
CG11334	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	54.1	0.7	50	50	mg/kg
CG11334	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	80.5	0.7	63	63	mg/Kg
CG11335	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	62.8	0.7	50	50	mg/kg
CG11335	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	2.28	0.06	0.73	0.73	mg/Kg
CG11335	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	2.28	0.06	0.81	0.81	mg/Kg
CG11335	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	2.28	0.06	0.81	0.81	mg/Kg
CG11335	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	2.28	0.06	0.18	0.18	mg/Kg
CG11335	PB-SMDP	Lead	NY / 375-6.8 Metals / Ground Water Protection	1350	6.9	450	450	mg/Kg
CG11335	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	1350	6.9	400	400	mg/Kg
CG11335	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	1350	6.9	400	400	mg/Kg
CG11335	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	1350	6.9	63	63	mg/Kg
CG11335	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	270	0.7	109	109	mg/Kg
CG11337	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	600	250	500	500	ug/Kg
CG11337	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	600	250	500	500	ug/Kg
CG11337	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	600	250	500	500	ug/Kg
CG11337	$PESTSM_NY	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	4.0	2.1	3.3	3.3	ug/Kg
CG11337	$PESTSM_NY	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	19	2.1	3.3	3.3	ug/Kg
CG11337	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential	686	0.7	350	350	mg/Kg
CG11337	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential Restricted	686	0.7	400	400	mg/Kg
CG11337	BA-SMDP	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	686	0.7	350	350	mg/Kg
CG11337	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	34.5	0.34	30		mg/Kg
CG11337	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	88.7	0.7	50	50	mg/kg
CG11337	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.34	0.03	0.18	0.18	mg/Kg
CG11337	PB-SMDP	Lead	NY / 375-6.8 Metals / Ground Water Protection	809	6.8	450	450	mg/Kg
CG11337	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	809	6.8	400	400	mg/Kg
CG11337	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	809	6.8	400	400	mg/Kg
CG11337	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	809	6.8	63	63	mg/Kg
CG11337	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	517	6.8	109	109	mg/Kg
CG11338	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	96.7	0.6	50	50	mg/kg

Tuesday, June 16, 2020

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

State: NY

Sample Criteria Exceedances Report

GCG11328 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CG11339	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	483	6.6	109	109	mg/Kg
CG11340	$PESTSM_NY	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	4.6	2.2	3.3	3.3	ug/Kg
CG11340	CU-SM	Copper	NY / 375-6.8 Metals / Residential	508	7.0	270	270	mg/kg
CG11340	CU-SM	Copper	NY / 375-6.8 Metals / Residential Restricted	508	7.0	270	270	mg/kg
CG11340	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	508	7.0	50	50	mg/kg
CG11340	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.58	0.06	0.18	0.18	mg/Kg
CG11340	PB-SMDP	Lead	NY / 375-6.8 Metals / Ground Water Protection	748	7.0	450	450	mg/Kg
CG11340	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	748	7.0	400	400	mg/Kg
CG11340	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	748	7.0	400	400	mg/Kg
CG11340	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	748	7.0	63	63	mg/Kg
CG11340	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	396	7.0	109	109	mg/Kg
CG11341	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	147	7.5	50	50	mg/kg
CG11341	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.39	0.07	0.18	0.18	mg/Kg
CG11341	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	408	0.8	400	400	mg/Kg
CG11341	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	408	0.8	400	400	mg/Kg
CG11341	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	408	0.8	63	63	mg/Kg
CG11341	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	258	0.8	109	109	mg/Kg

Environmental Laboratories, Inc.
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NY # 11301

Analysis Comments

June 16, 2020 SDG I.D.: GCG11328

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

PEST Narration

AU-ECD4 06/12/20-1: CG11328, CG11329, CG11330, CG11331, CG11332, CG11333, CG11334, CG11335, CG11341, CG11342

The following Continuing Calibration compounds did not meet % deviation criteria:
Samples: CG11341
Preceding CC 612A029 - Endrin aldehyde 39%H (20%), Methoxychlor 23%H (20%)
Succeeding CC 612A043 - b-BHC 21%H (20%), Endrin aldehyde 40%H (20%), Endrin Ketone 23%H (20%), Methoxychlor 33%H (20%)
Samples: CG11328, CG11329, CG11330, CG11331, CG11332, CG11333, CG11334, CG11335, CG11342
Preceding CC 612A043 - b-BHC 21%H (20%), Endrin aldehyde 40%H (20%), Endrin Ketone 23%H (20%), Methoxychlor 33%H (20%)
Succeeding CC 612A056 - Endrin aldehyde 39%H (20%), Endrin Ketone 23%H (20%)

SVOA Narration

CHEM34 06/11/20-1: CG11328, CG11329, CG11330, CG11331, CG11332, CG11333, CG11334, CG11335, CG11336, CG11337, CG11338, CG11339, CG11340, CG11341, CG11342, CG11343

The following Initial Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.080 (0.1), Hexachlorobenzene 0.090 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.080 (0.1), Hexachlorobenzene 0.098 (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

CHEM03 06/12/20-2: CG11328, CG11330, CG11331, CG11332, CG11333, CG11334, CG11335, CG11336, CG11337, CG11338, CG11339, CG11340, CG11341

The following Initial Calibration compounds did not meet RSD% criteria: 1,2-Dibromo-3-chloropropane 29% (20%), Acetone 24% (20%), Bromoform 34% (20%), Chloroethane 25% (20%), Dibromochloromethane 22% (20%), trans-1,4-dichloro-2-butene 26% (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 0.085 (0.1), Acrolein 0.034 (0.05), Bromoform 0.099 (0.1), Tetrachloroethene 0.187 (0.2)
The following Initial Calibration compounds did not meet minimum response factors: Acrolein 0.034 (0.05)

The following Continuing Calibration compounds did not meet recommended response factors: Acrolein 0.036 (0.05)
The following Continuing Calibration compounds did not meet minimum response factors: Acrolein 0.034 (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%.

CHEM03 06/13/20-1: CG11342, CG11343

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Analysis Comments

June 16, 2020 SDG I.D.: GCG11328

The following Initial Calibration compounds did not meet RSD% criteria: 1,2-Dibromo-3-chloropropane 29% (20%), Acetone 24% (20%), Bromoform 34% (20%), Chloroethane 25% (20%), Dibromochloromethane 22% (20%), trans-1,4-dichloro-2-butene 26% (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 0.085 (0.1), Acrolein 0.034 (0.05), Bromoform 0.099 (0.1), Tetrachloroethene 0.187 (0.2)
The following Initial Calibration compounds did not meet minimum response factors: Acrolein 0.034 (0.05)

The following Continuing Calibration compounds did not meet recommended response factors: Acrolein 0.040 (0.05)
The following Continuing Calibration compounds did not meet minimum response factors: Acrolein 0.034 (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%.

CHEM03 06/14/20-1: CG11329, CG11330, CG11332, CG11336, CG11338

The following Initial Calibration compounds did not meet RSD% criteria: 1,2-Dibromo-3-chloropropane 29% (20%), Acetone 24% (20%), Bromoform 34% (20%), Chloroethane 25% (20%), Dibromochloromethane 22% (20%), trans-1,4-dichloro-2-butene 26% (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 0.085 (0.1), Acrolein 0.034 (0.05), Bromoform 0.099 (0.1), Tetrachloroethene 0.187 (0.2)
The following Initial Calibration compounds did not meet minimum response factors: Acrolein 0.034 (0.05)

The following Continuing Calibration compounds did not meet recommended response factors: Acrolein 0.037 (0.05)
The following Continuing Calibration compounds did not meet minimum response factors: Acrolein 0.034 (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%.

CHEM03 06/15/20-2: CG11339

The following Initial Calibration compounds did not meet RSD% criteria: Acetone 24% (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 0.085 (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%.

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

June 16, 2020

SDG I.D.: GCG11328

The samples in this delivery group were received at 2.6°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

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

PHOENIX
Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

Temp 2.6 Pg 1 of 1

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Client Services (860) 645-8726

Contact Options:
[ ] Fax:
[ ] Phone: 631-504-6000
[X] Email: File

Customer: Environmental Business Consultants
Address: 1808 Middle Country Road
Ridge, NY 11961

Project: 40 BRUCKNER Blvd. BRONX
Report to: Environmental Business Consultants
Invoice to: Environmental Business Consultants

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: TONY BALADO Date: 6-10-20

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	SVOCs	TAL Metals	Pest. / PCBs	Soil VOA Vials [ ] methanol [X] H2O	GL Soil container (5)) 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	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
11328	EBC1 (0-2)	S	6/10		X	X	X	X	3	1								
11329	EBC2 (0-3)																	
11330	EBC3 (0-2)																	
11331	EBC3 (10-12)																	
11332	EBC4 (0-2)																	
11333	EBC5 (0-2)																	
11334	EBC6 (0-2)																	
11335	EBC6 (6-8)																	
11336	EBC7 (0-2)																	
11337	EBC8 (0-2)																	
11338	EBC8 (5-7)																	

Relinquished by:	Accepted by:	Date:	Time:
		6-11-20	11:30
		6-11-20	1530

Comments, Special Requirements or Regulations:

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
[ ] GW Criteria

NY
[ ] NY 375 GWP
[X] NY375 Unrestricted Use Soil
[X] NY375 Residential Soil
[X] Restricted/Residential
[ ] Commercial
[ ] Industrial

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

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

State where samples were collected: NY

PEL 164 REV. 5/2020

Cooler: Yes ☐ No ☐
Coolant: IPK ☐ ICE ☐ No ☐

PHOENIX
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NY/NJ CHAIN OF CUSTODY RECORD

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Client Services (860) 645-8726

WHC Temp 2.6° C Pg 2 of 2

Contact Options:
☐ Fax:
☐ Phone: 631-504-6000
☒ Email: file

Customer: Environmental Business Consultants
Address: 1808 Middle Country Road
Ridge, NY 11961

Project: 40 Bruckner Blvd, Bronx
Report to: Environmental Business Consultants
Invoice to: Environmental Business Consultants

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: Tony Balmoo Date: 6/10/20

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	TAL Metals	Pest / PCBs	Soil VOA Vials ☒ methanol ☐ 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	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
11339	EBC8 (10-12)	S	6/10		↓	↓	↓	↓		3	1							
11340	EBC9 (0-2)																	
11341	EBC 9 (8-10)																	
11342	EBC 10 (0-2)																	
11343	EBC 11 (0-2)	↓	↓		↓	↓	↓	↓		↓	↓							

Relinquished by:	Accepted by:	Date:	Time:
		6-11-20	11:30
		6/11/20	
		6/11/20	15:30

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE APPLIES

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

NY
☐ NY 375 GWP
☒ NY375 Unrestricted Use Soil
☒ NY375 Residential Soil
☒ Restricted/Residential
☐ Commercial
☐ Industrial

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

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

State where samples were collected: NY

PEL 164 REV. 5/2020