January 31, 2013

Mr. Maxwell Pfeifer, Esq.
714 E. 241st Street
Bronx, NY

Re: Phase II Subsurface Investigation Report
700 East 241st Street, Bronx, NY
Block 5087, Lots 1, 3, 6, 62 and 65

Dear Mr. Pfeifer;

Environmental Business Consultants (EBC) performed a Limited Phase II Subsurface Investigation at the above referenced lots on January 15, 2013, to assess the environmental condition of the property with respect to its historic and current use as a gasoline service station.

Site Description
The Site consists of 5 adjacent lots located between White Plains Road, Furman Avenue and East 241st Street in Bronx, NY. A description of each of the five lots is provided below.

Lot 62 (700 East 241st Street) - The 5,061 ft^2 corner lot is located on the southeast corner of the intersection of East 241st Street and White Plains Road. The lot is currently utilized as a gasoline service station. The 2 garage bay service station is set back in the rear of the lot, and a two dispenser pump island is located between the building and East 241st Street. Two concrete tank pads are located on the east side of the service station building.

Lot 1 (714 East 241st Street) - The 2,236 ft^2 corner lot is located on the southwest corner of the intersection of East 241st Street and Furman Avenue. The lot has approximately 60.88 ft of street frontage on East 241st Street and 37.44 ft of street frontage on Furman Avenue. The lot is currently developed with a one-story office building.

Lot 3 (4643 Furman Avenue) - The 3,300 ft^2 lot is undeveloped and used for off-street parking. The lot has 50.65 ft of street frontage on Furman Avenue and is 67.55 ft deep. The lot is located between lots 1 and 6 and east of Lot 65.

Lot 6 (4641 Furman Avenue) - The 3,431 ft^2 lot is undeveloped and used for off-street parking. The lot has 47.42 ft of street frontage on Furman Avenue and is 71.22 ft deep. The lot is located south of Lot 3 and east of Lot 65.

Lot 65 (704 East 241st Street) - A long thin 10,170 ft^2 lot that runs between the rear yards of the lots fronting White Plains Road and Furman Avenue. The undeveloped lot is approximately 25ft wide and 372 ft long.

Background
An active gasoline service station currently operates on Lot 62. According to the NYSDEC Petroleum Bulk Storage database, four tanks are registered to that property: one 4,000 gallon

gasoline tank (in-use), one 2,000 gallon gasoline tank (in-use), one 550 gallon gasoline tank (closed in-place) and one 550 gallon gasoline tank (closed-removed). The 4,000 gallon and 2,000 gallon gasoline tanks are listed as being installed in 1987, and the two 550-gallon gasoline tanks are listed as being installed in 1980.

The remainder of the lots (Lots 1, 3, 6 and 65) have been used for commercial office space or residential use.

Field Investigation

Geophysical Survey
A geophysical survey was performed on the gasoline service station property (Lot 62) on January 15, 2013, by NOVA Geophysical Services (NOVA) located at 5601 Marathon Parkway, Douglaston, NY, 11362. The purpose of the geophysical survey was to detect previously unregistered/unknown underground storage tanks which may have been used in the past to store gasoline, fuel oil or waste oil, as well as mark out onsite underground utilities. The geophysical survey included all accessible area of the site and was performed using a CSUL Pipe and Cable Locator (an magnetic detector), and electromagnetic detector (Geonics EM61) and Noggin's 250 MHz ground penetrating radar (GPR) units.

The results of the geophysical survey noted numerous minor anomalies located throughout the project area. Based on their reflection rates and physical evidences, they were consistent with former foundation structures and utilities. The geophysical survey also identified subsurface utility pipes (electric, gas, sewer, water, etc.) located along the western property line that fronts White Plains Road.

A major anomaly indicative of an underground storage tank was identified on the western property line. The unknown anomaly may be the 550-gallon underground gasoline tank noted on the NYSDEC PBS database as "closed-in-place". The geophysical survey also identified the 2,000 gallon and 4,000 gallon underground gasoline tanks that are registered with the NYSDEC. No other evidence of a UST was observed during the geophysical survey. The geophysical survey report prepared by NOVA is attached in **Appendix A**.

Soil Borings
A total of nine soil boring locations (B1 through B9) were selected as shown on **Figure 2** to gain representative soil quality information across the site. Five of the soil borings were performed on the gas station property (Lot 62), and the remaining four soil borings were performed at evenly spaced locations on the other four lots. Soil borings were advanced with Geoprobe™ direct push equipment and sampled with a 5 foot macro core sampler using disposable acetate liners. Soil was characterized by an environmental geologist and field screened for the presence of volatile organic compounds (VOCs) using a photo-ionization detector (PID).

At each of the soil boring locations, soil samples were collected continuously from grade to at least 15ft below grade. Groundwater was encountered within each soil boring at approximately 10 to 12 ft. Retrieved sample cores were field screened for the presence of VOCs with a photo-ionization detector (PID) and visually inspected for evidence of contamination. A 1 to 3ft layer of fill material (brown silty sand with brick) was underlain by a native brown silty-sand or sand at most locations, and in some locations a 1 to 3 ft layer of a grey clay was encountered around 5 to 10 feet below

grade. However, at nearly all of the soil boring location, the groundwater interface consisted of a fine or coarse brown sand. For each of the five soil borings performed on the gas station lot (Lot 62), grey staining was reported for soil recovered from the groundwater interface. Soil boring logs are attached in **Appendix B**.

With the exception of B4, a soil sample was retained from each of the nine soil boring locations from the groundwater interface. For soil boring B4, a soil sample was retained the depth interval 5 to 7ft instead due to a slight odor noted within the 5 to 7ft interval that was not observed within the soil sample obtained from the groundwater interface. A second soil sample was retained from soil boring B3 from the depth interval 3 to 5 ft due to a similar odor.

No staining or other evidence of contamination was reported in the any of the 4 soil borings performed on Lots 3, 6 and 65.

Groundwater samples were collected from six of the nine soil boring locations including B1, B3, B4, B5, B6 and B9. The groundwater samples were labeled with the same number as the soil boring. Groundwater samples were collected from a stainless-steel groundwater sampler set to intersect the water table. Groundwater samples were collected using ¼ inch polyethylene tubing and a peristaltic pump. The polyethylene tubing and silicone pump tubing were replaced between each monitoring well.

Sample Handling and Analysis
Collected samples were appropriately packaged, placed in coolers and shipped via laboratory dispatched courier for delivery to Phoenix Environmental Laboratories (Phoenix) of 587 East Middle Turnpike, Manchester, CT 06040, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11301). Each of the soil samples were analyzed for volatile organic compounds (VOCs) by USEPA Method 8260 and semi-volatile organic compounds (SVOCs) by USEPA Method 8270. The groundwater samples were analyzed only for VOCs by USEPA Method 8260.

Results

Soil
Soil sample results were compared to the Unrestricted Use and Restricted Residential Use Soil Cleanup Objectives (SCOs) as presented in NYSDEC CP51 Soil Cleanup Guidance (10/21/10). Analytical data for the soil samples are summarized in **Tables 1** and **2**, and a copy of the laboratory analytical report is included in **Appendix C**.

As presented in **Table 1**, gasoline related VOCs were detected above Unrestricted Use SCOs within the soil samples retained from all five soil borings performed on the gas station lot (Lot 62). Exceedences of Restricted Residential SCOs was limited to the soil sample collected at the groundwater interface from the soil boring (B2) performed just west of the dispenser island. B2 also reported MTBE at a concentration above Unrestricted Use SCOs (6,200 ppb). Although MTBE was detected in several other soil samples, the concentrations were not reported above Unrestricted Use SCOs.

Several gasoline related VOCs were detected within three of the four soil samples collected from the soil borings performed on Lots 1, 3 and 65 but none were reported above Unrestricted Use SCOs.

As shown in **Table 2**, naphthalene at boring B2 was the only SVOC detected at a concentration above the Unrestricted Use SCOs in any of the soil samples submitted for laboratory analysis.

Groundwater
As presented in **Table 3**, gasoline related VOCs were detected above groundwater quality standards within each of the groundwater samples collected on the gas station lot (Lot 62). The highest total VOC concentration (386,000 ppb) was reported within GW3, which was collected from between the dispenser island and East 241st Street. MTBE was only detected within one of the four groundwater samples (GW4 at 49,000 ppb) collected from the gas station lot. GW4 was collected just north of the tank pad located on the east side of the service station building.

With the exception of MTBE (530 ppb) and Xylene (5.4 ppb) detected within GW9, no VOCs were detected above GQS within the groundwater sample collected from Lot 3 (GW6) and the groundwater sample collected from Lot 65 (GW9).

Conclusions
The laboratory results of the soil samples retained from the groundwater interface showed elevated concentrations of gasoline related VOCs. The highest concentration of VOCs was reported within the soil sample collected on the west side of the dispenser island.

Elevated concentrations of gasoline related VOCs were also detected within all four groundwater samples collected from the gas station lot. The highest concentrations were reported within the groundwater sample collected between the dispenser island and East 241st Street. The laboratory results indicate that a gasoline spill has occurred on the property in the vicinity of the dispensers, USTs or both. In response to this evidence the NYSDEC Spills Hotline was contacted and Spill No. 12-12956 was assigned.

The ratio of benzene to trimethybenzene and xylenes in the soil samples suggests that the contamination is related to an older spill, however, further investigation is warranted to determine if the two active tanks, dispensers and/or tank lines are the cause of the soil and groundwater contamination. Further investigation and development of a remedial plan will also be required by the NYSDEC.

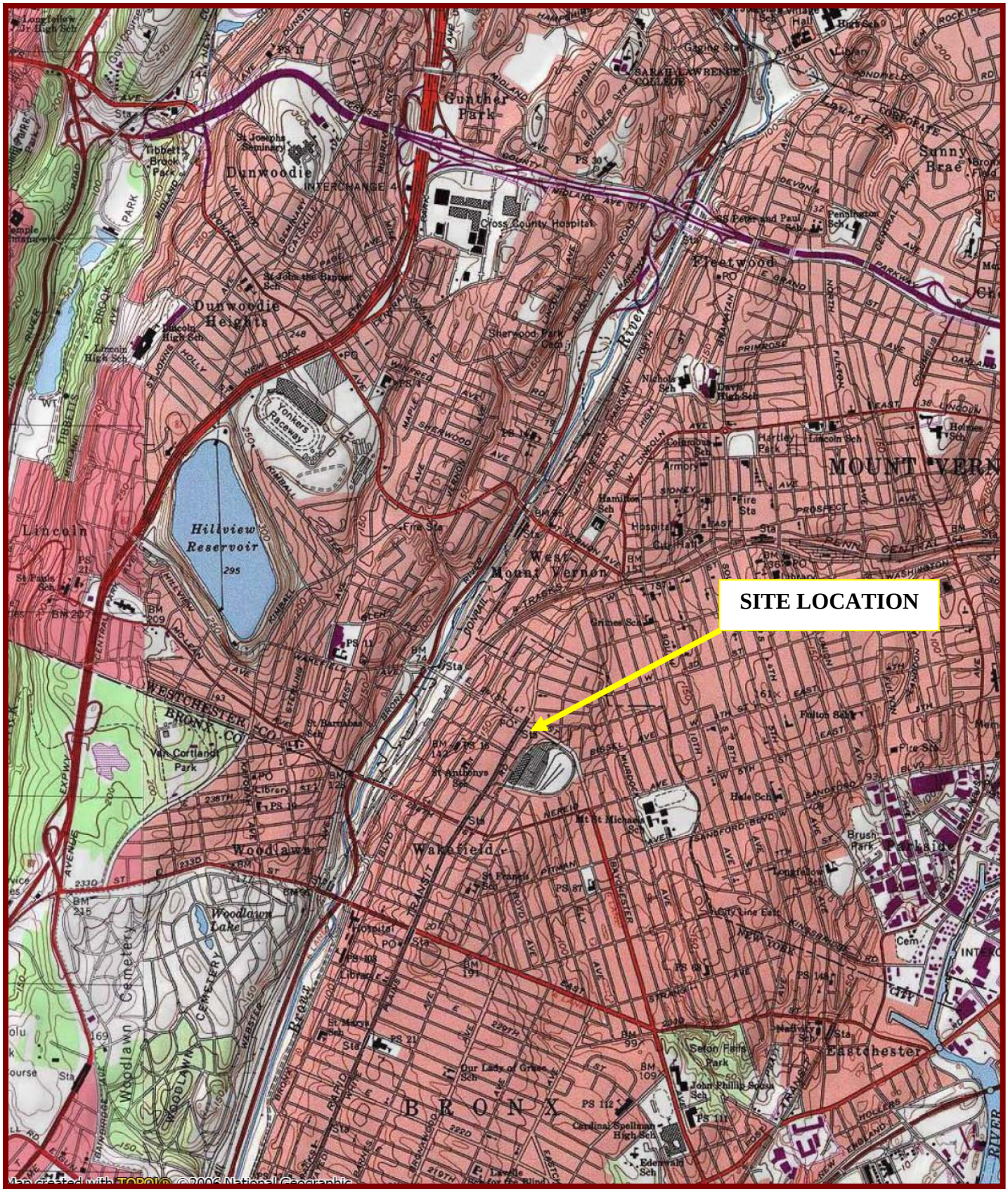
Please call if you have any questions or would like to discuss the project further.

Very truly yours,
Environmental Business Consultants

Kevin Brussee
Project Manager

FIGURES

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



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714 EAST 241st STREET
BRONX, NEW YORK

FIGURE 1 – SITE LOCATION MAP

EBC
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Figure No. 2

Site Name: Commercial Property
Site Address: 700-714 E. 241st Street, Bronx, NY
Drawing Title: Lot Map

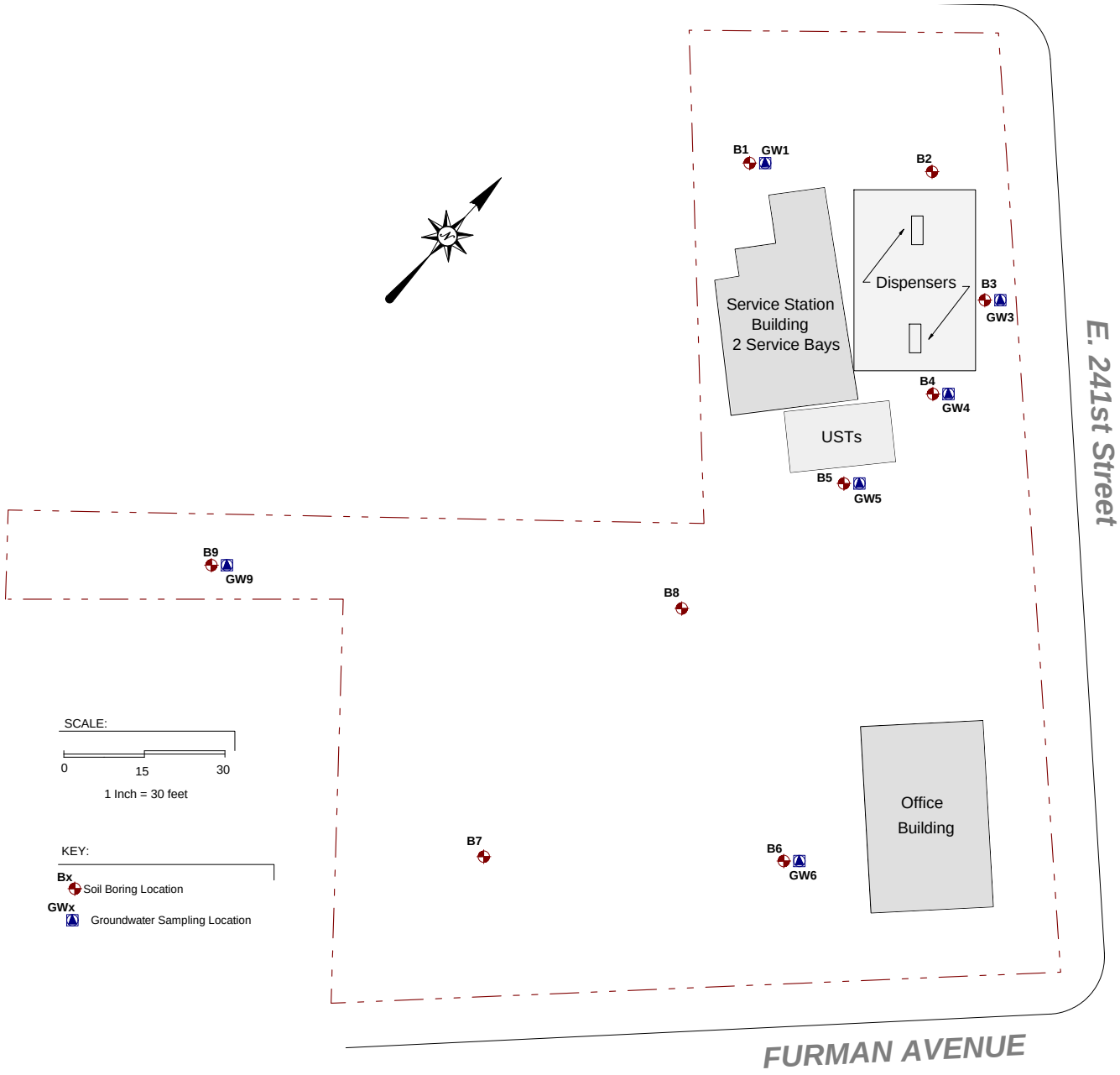

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Figure No. 3

Site Name: COMMERCIAL PROPERTY

Site Address: 700-714 E. 241ST STREET, BRONX, NY

Drawing Title: SOIL AND GROUNDWATER SAMPLING LOCATIONS

TABLES

1808 Middle Country Road
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TABLE 1
714 E. 241st Street, Bronx, NY
Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B1 (10-12') µg/Kg Result	B2 (10-12') µg/Kg Result	B3 (3-5') µg/Kg Result	B3 (10-12') µg/Kg Result	B4 (5-7') µg/Kg Result	B5 (10-12') µg/Kg Result	B6 (10-12') µg/Kg Result	B7 (10-12') µg/Kg Result	B8 (13-15') µg/Kg Result	B9 (12-14') µg/Kg Result
1,1,1,2-Tetrachlorothane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	680	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	270	26,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	330	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3,600	52,000	**32,000**	**210,000**	**200**	**4,100**	**1,100**	**48,000**	**17**	**9**	**30**	ND
1,2-Dibromo-3-chloropropane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1,100	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	20	3,100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8,400	52,000	**11,000**	**73,000**	**100**	**4,300**	**640**	**20,000**	ND	ND	**10**	ND
1,3-Dichlorobenzene	2,400	4,900	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1,800	13,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone (Methyl Butyl Ketone)			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Isopropyltoluene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50	100,000	ND	ND	**130**	ND	**110**	ND	**170**	ND	ND	ND
Acrylonitrile			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	60	4,800	ND	**16,000**	**68**	ND	**46**	ND	ND	**28**	**24**	ND
Bromobenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	760	2,400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1,100	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	370	49,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	250	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane		100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	1,000	41,000	**4,800**	**94,000**	**190**	**3,000**	**350**	**7,300**	ND	**18**	**38**	ND
Hexachlorobutadiene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene			ND	**11,000**	**31**	**810**	**61**	**1,800**	ND	ND	ND	ND
m&p-Xylenes	260		**15,000**	**320,000**	**440**	**1,500**	**1,200**	**26,000**	**14**	**47**	**110**	ND
Methyl Ethyl Ketone (2-Butanone)	120	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-butyl ether (MTBE)	930	100,000	ND	**6,200**	**130**	ND	**41**	ND	ND	**65**	**67**	ND
Methylene chloride	50	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	12,000		ND	**25,000**	**50**	**2,000**	**32**	**4,500**	ND	ND	ND	ND
n-Butylbenzene	12,000	100,000	ND	**8,300**	**16**	**1,100**	**24**	**3,400**	ND	ND	ND	ND
n-Propylbenzene	3,900	100,000	**5,400**	**34,000**	**79**	**3,100**	**340**	**9,100**	ND	ND	ND	ND
o-Xylene	260	100,000	**5,600**	**130,000**	**200**	ND	**350**	**7,300**	ND	**24**	**47**	ND
p-Isopropyltoluene			ND	**1,900**	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	11,000	100,000	ND	**3,600**	**10**	**410**	**13**	ND	ND	ND	ND	ND
Styrene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5,900	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1,300	19,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrahydrofuran (THF)			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	700	100,000	ND	**190,000**	**340**	ND	**570**	ND	ND	**97**	**120**	ND
Total Xylenes			**20,600**	**450,000**	**640**	**1,500**	**1,550**	**33,300**	**14**	**71**	**157**	ND
trans-1,2-Dichloroethene	190	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trabs-1,4-dichloro-2-butene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	470	21,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	20	900	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total BTEX Concentration			**10,400**	**431,900**	**798**	**3,000**	**1,316**	**14,600**	**14**	**167**	**229**	**0.0**
Total VOCs Concentration			**94,400**	**1,573,000**	**2,624**	**21,820**	**6,427**	**160,700**	**215**	**359**	**603**	**0.0**

Notes:

** - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
ND - Not-detected
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
714 E. 241st Street, Bronx, NY
Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B1	B2	B3		B4	B5	B6	B7	B8	B9
			(10-12')	(10-12')	(3-5')	(10-12')	(5-7')	(10-12')	(10-12')	(10-12')	(13-15')	(12-14')
			µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg
			Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
1,2,4,5-Tetrachlorobenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene			1,800	14,000	ND	540	ND	4,400	ND	ND	ND	ND
2-Methylphenol (o-cresol)	330	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3&4-Methylphenol (m&p-cresol)	330	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenyl ether			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	20,000	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	100,000	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetophenone			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aniline			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	100,000	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	1,000	1,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	1,000	1,000	ND	ND	ND	ND	330	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	1,000	1,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	100,000	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	800	3,900	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic Acid			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	1,000	3,900	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	330	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	100,000	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	30,000	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	500	500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	12,000	100,000	950	19,000	ND	550	ND	2,800	ND	ND	ND	ND
Nitrobenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodimethylamine			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachloronitrobenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	800	6,700	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	100,000	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	330	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	100,000	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyridine			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

* - NYSDEC Technical and Administative Guidance Memorandum 4046, 1994

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

ND - Not-detected

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

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

TABLE 5
714 E. 241st Street, Bronx, NY
Groundwater Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards µg/L	GW1 µg/L	GW3 µg/L	GW4 µg/L	GW5 µg/L	GW6 µg/L	GW9 µg/L
1,1,1,2-Tetrachlorothane	5	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	1	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene		ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene		ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene		ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	**4,300**	**69,000**	**930**	**7,800**	ND	**2.9**
1,2-Dibromo-3-chloropropane	0.04	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.6	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.94	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane		**1,200**	**32,000**	**290**	**2,900**	ND	ND
1,3-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	5	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	5	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	5	ND	ND	ND	ND	ND	ND
2-Hexanone (Methyl Butyl Ketone)		ND	ND	ND	ND	ND	ND
2-Isopropyltoluene	5	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	5	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone		ND	ND	ND	ND	ND	ND
Acetone		ND	ND	ND	ND	ND	ND
Acrylonitrile	5	ND	ND	ND	ND	ND	ND
Benzene	1	**1,300**	**4,400**	**5,400**	ND	ND	ND
Bromobenzene	5	ND	ND	ND	ND	ND	ND
Bromochloromethane	5	ND	ND	ND	ND	ND	ND
Bromodichloromethane		ND	ND	ND	ND	ND	ND
Bromoform		ND	ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND	ND	ND
Carbon Disulfide	60	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND
Chloromethane	60	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene		ND	ND	ND	ND	ND	ND
Dibromochloromethane		ND	ND	ND	ND	ND	ND
Dibromomethane	5	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	ND	ND	ND	ND	ND	ND
Ethylbenzene	5	**4,300**	**34,000**	**1,400**	**1,300**	ND	**1.5**
Hexachlorobutadiene	0.5	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	**5,500**	**52**	**270**	ND	ND
m&p-Xylenes	5	**16,000**	**71,000**	**3,300**	**4,000**	ND	**3.6**
Methyl Ethyl Ketone (2-Butanone)		ND	ND	ND	ND	ND	ND
Methyl t-butyl ether (MTBE)	10	ND	ND	**49,000**	ND	ND	**530**
Methylene chloride	5	ND	ND	ND	ND	ND	ND
Naphthalene	10	ND	**18,000**	**370**	**730**	ND	**2.3**
n-Butylbenzene	5	ND	**4,700**	ND	**270**	ND	ND
n-Propylbenzene	5	ND	**16,000**	**130**	**1,200**	ND	ND
o-Xylene	5	**7,400**	**22,000**	**1,800**	**870**	ND	**1.8**
p-Isopropyltoluene		ND	**3,900**	ND	ND	ND	ND
sec-Butylbenzene	5	ND	**1,700**	ND	ND	ND	ND
Styrene	5	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND
Tetrahydrofuran (THF)		ND	ND	ND	ND	ND	ND
Toluene	5	**20,000**	**11,000**	**5,100**	ND	ND	**1.6**
Total Xylenes	5	**23,400**	**93,000**	**5,100**	**4,870**	ND	**5.4**
trans-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.4	ND	ND	ND	ND	ND	ND
trans-1,4-dichloro-2-butene	5	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane		ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND
Total BTEX		**49,000**	**142,400**	**17,000**	**6,170**	**0**	**9**
Total VOCs		**77,900**	**386,200**	**72,872**	**24,210**	**0**	**549**

Notes:
ND - Not detected
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

APPENDIX A
Geophysical Report

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

NOVA GEOPHYSICAL SERVICES

SUBSURFACE MAPPING SOLUTIONS
56-01 Marathon Parkway, # 765, Douglaston, New York 11362
Ph. 347-556-7787 Fax. 718-261-1527
www.nova-gsi.com

January 21, 2013

Charles Sosik, P.G.
Principal
Environmental Business Consultants
Ph: 631.504.6000 ext. 112
Fax: 631.924.2870
Cell: 631.357-4927
Csosik@ebcincny.com

Re: Geophysical Survey Report
Commercial Property
700 East 241st Street
Bronx, New York 10470

Dear Mr. Sosik:

Nova Geophysical Services (NOVA) is pleased to provide findings of our geophysical surveys at the above referenced project site located at 700 East 241st Street, Bronx, NY (the "Site"). Please see attached Geophysical Survey map for more details.

INTRODUCTION TO GEOPHYSICAL SURVEY

NOVA performed Geophysical surveys consisting of Ground Penetrating Radar (GPR), Electromagnetic (EM) surveys and comprehensive subsurface utility (CSUL) surveys at the project Site. The purpose of this survey is to verify anomalies; underground storage tanks (USTs) that maybe located at the project site on January 15th, 2013.

The equipment selected for this investigation will be included a CSUL Pipe and Cable Locator (an magnetic detector), Electromagnetic detector (Geonics EM61), Noggin's 250 MHz ground-penetrating radar (GPR) units.

A GPR system consists of a radar control unit, control cable and a transducer (antenna). The control unit transmits a trigger pulse at a normal repetition rate of 250 MHz. The trigger pulse is sent to the transmitter electronics in the transducer via the control cable. The transmitter

electronics amplify the trigger pulses into bipolar pulses that are radiated to the surface. The transformed pulses vary in shape and frequency according to the transducer used. In the subsurface, variations of the signal occur at boundaries where there is a dielectric contrast (void, steel, soil type, etc.). Signal reflections travel back to the control unit and are represented as color graphic images for interpolation.

GEOPHYSICAL METHODS

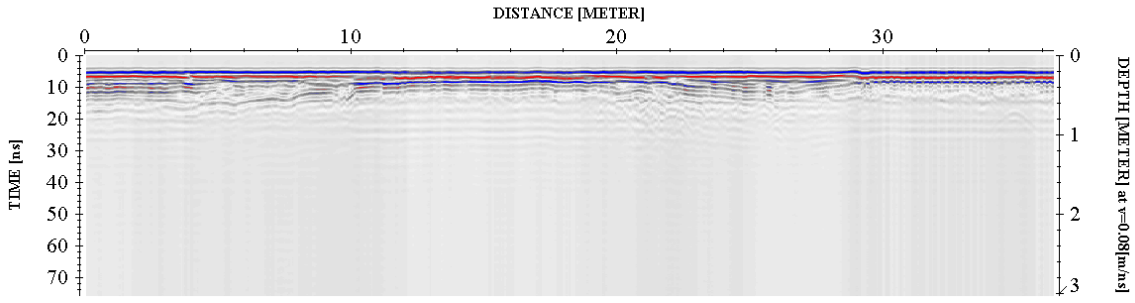
The project site was first screened using the Geonics(tm) electromagnetic detector by carrying the instrument over the boring locations at the site in 5' x 5' traverses. When evidence of anomalies were observed, the Ditch-witch(tm) utility locator was then used to determine if the anomalies were utilities or other large sub-surface metal objects. Finally, GPR profiles were collected over each metal-detector anomaly and inspected for reflections, which could be indicative of major anomalies.

GPR data profiles were collected for the areas of the Site specified by the client. The surveyed area consisted of paved areas (sidewalk and private property).

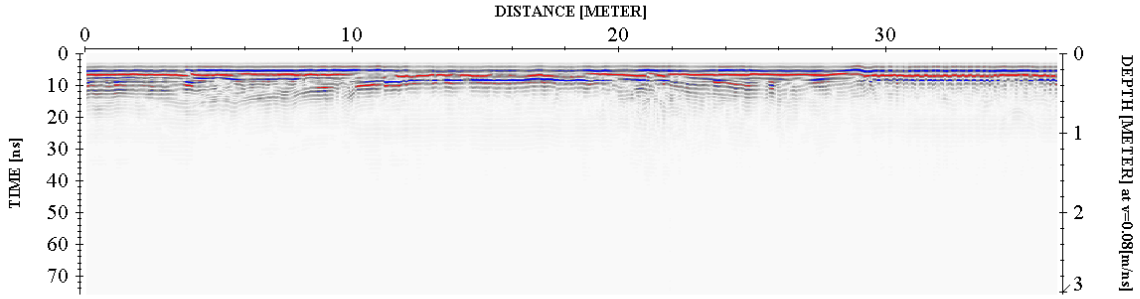
DATA PROCESSING

In order to improve the quality of the results and to better identify subsurface anomalies NOVA processed the collected data. The processes flow is briefly described at this section.

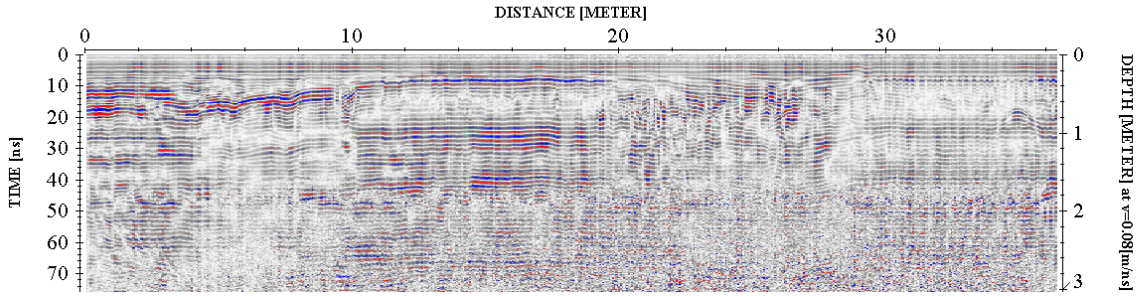
Step 1. Import raw RAMAC data to standard processing format



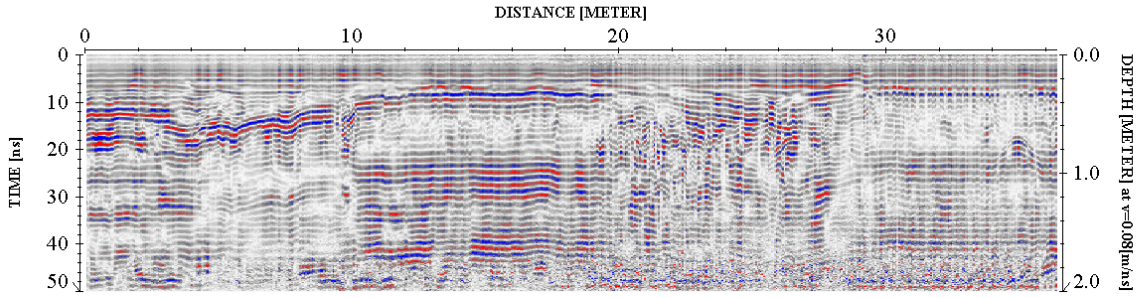
Step 2. Remove instrument noise *(dewow)*



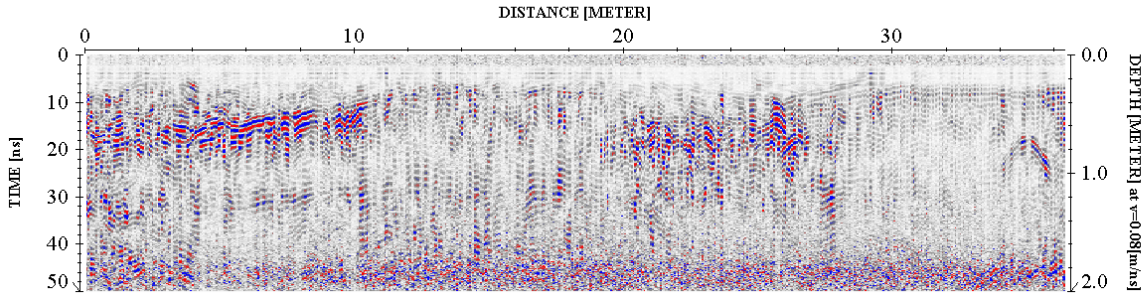
Step 3. Correct for attenuation losses *(energy decay function)*



Step 4. Remove static from bottom of profile *(time cut)*



Step 5. Mute horizontal ringing/noise *(subtracting average)*



The above example shows the significance of data processing. The last image (step 5) has higher resolution than the starting image (raw data – step 1) and describes the subsurface anomalies more accurately.

PHYSICAL SETTINGS

Nova observed following physical conditions at the time of the survey:

The weather: Cloudy.

Temp: 32 degrees.

Surface: Concrete paved areas (sidewalk and private property).

Geophysical Noise Level (GNL): Geophysical Noise Level (GNL) was medium to high at the time of the survey due to on site parked cars and nature of business: gas service, retail, etc. at the time of the survey.

RESULTS

The results of the geophysical survey identified following anomalies located at the project Site:

- Geophysical survey identified two major anomalies that are consistant with the underground storage tanks (USTs). The EM survey also confirmed that these thanks were connected to the bent pipes located along the eastern portion of the project site building. Based on their reflection rates and proximity, these USTs were approximately 2,000 and 4,000-gallon in sizes and approximately 4 feet below ground surface.

- Geophysical survey identified a major anomaly underneath the parking lot and sidewalk along the northwest portion of the project site. Based on its reflection rate, this anomaly was located approximately 3 feet to 4 feet below ground surface with 6 feet by 4 feet in diameter.

- Geophysical survey identified scattered anomalies located throughout of the project areas. Based on their reflection rates and physical evidences, they were consistent with former foundation structures and utilities.

- Geophysical survey identified subsurface utility pipes (electric, gas, sewer, water, etc.) located along the west side of the project area facing White Plains Road.

- Geophysical Survey Plan portrays the areas investigated during the geophysical survey.

If you have any questions please do not hesitate to contact the undersigned.
Sincerely,

NOVA Geophysical Services

Levent Eskicakit, P.G., E.P.
Project Engineer

Attachments:
Figure 1 Site Location Map
Geophysical Survey Plan
Geophysical Images

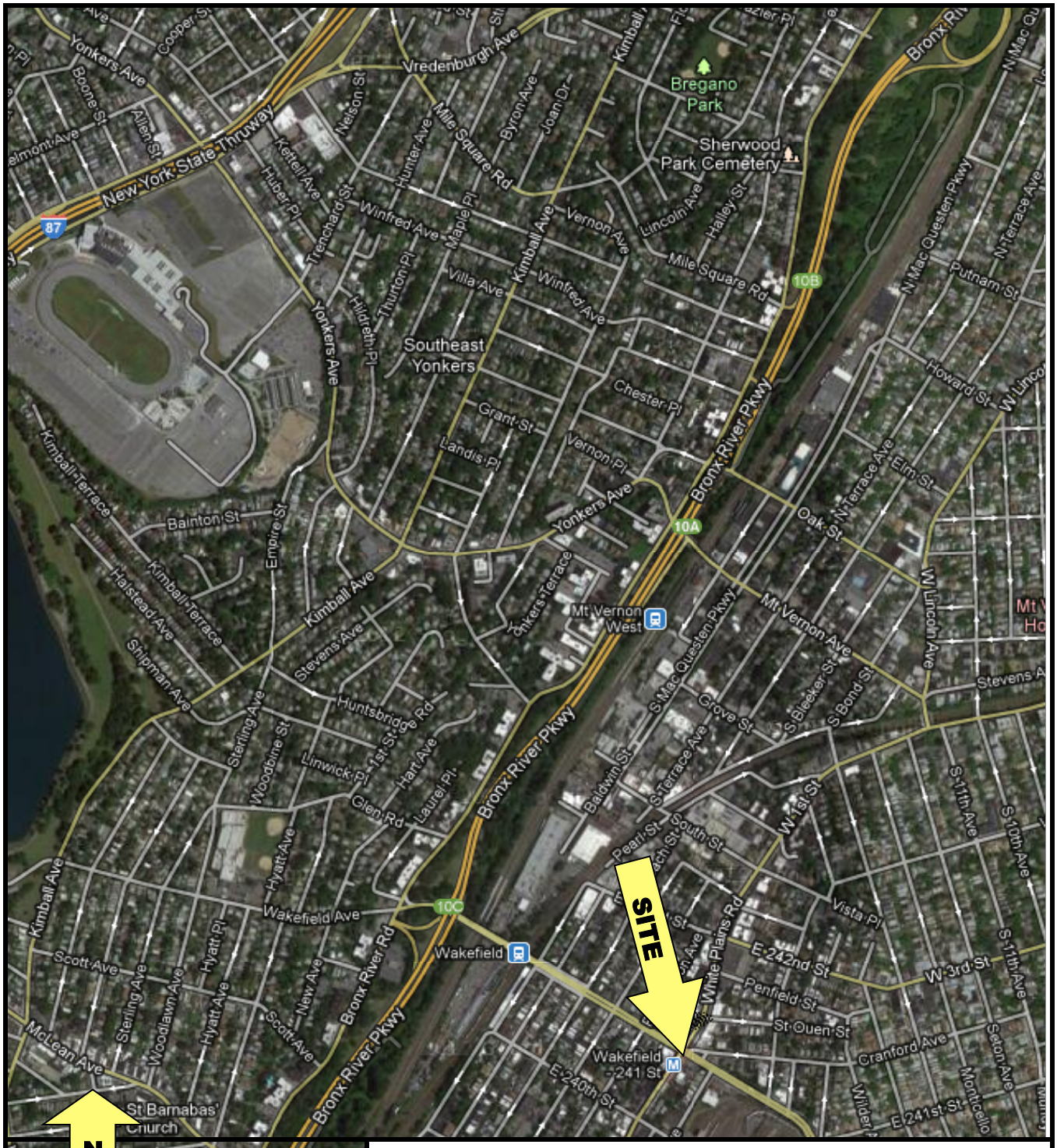


FIGURE 1
SITE LOCATION MAP

NOVA

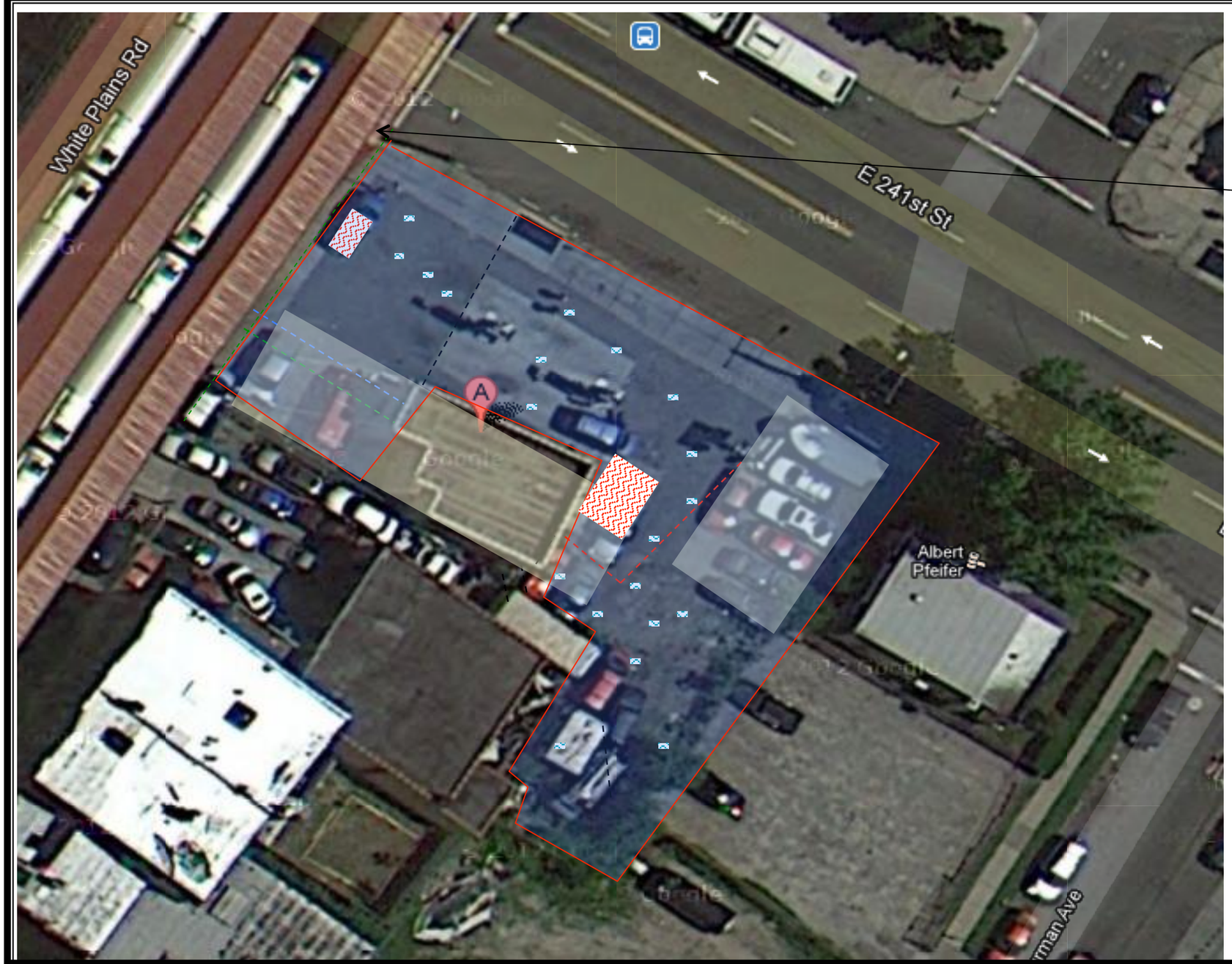
Geophysical Services

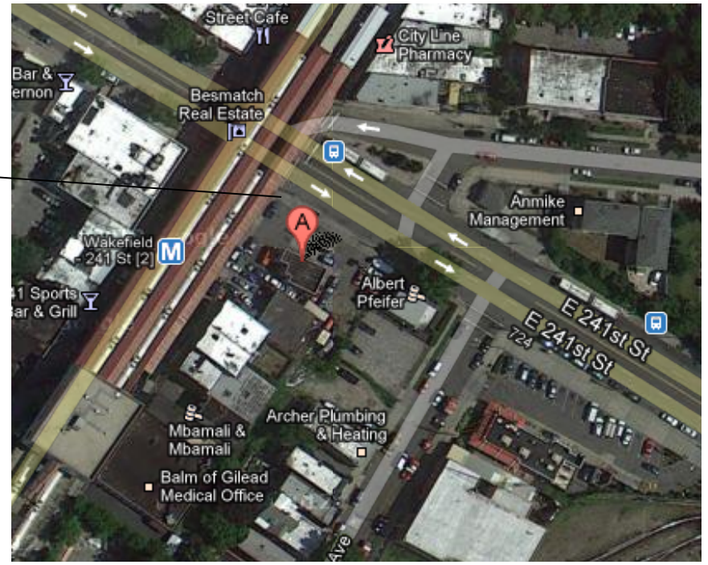
Subsurface Mapping Solutions

56-01 Marathon Pkwy, PO Box 765, Douglaston, NY11362
(718) 261-1527 Fax (718) 261-1528
www.nova-gsi.com

SITE: **Commercial Property**
700 East 241st Street,
Bronx, NY 10470

SCALE: See Map





NOVA

Geophysical Engineering Services

Subsurface Mapping Solutions

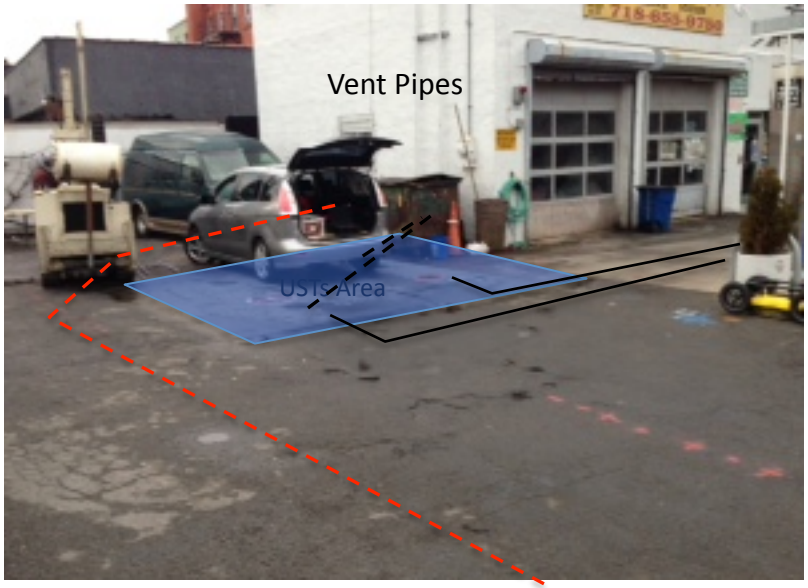
56-01 Marathon Parkway, # 765
Douglaston, New York11362
Phone (347) 556-7787 * Fax (718) 261-1527
www.nova-gsi.com

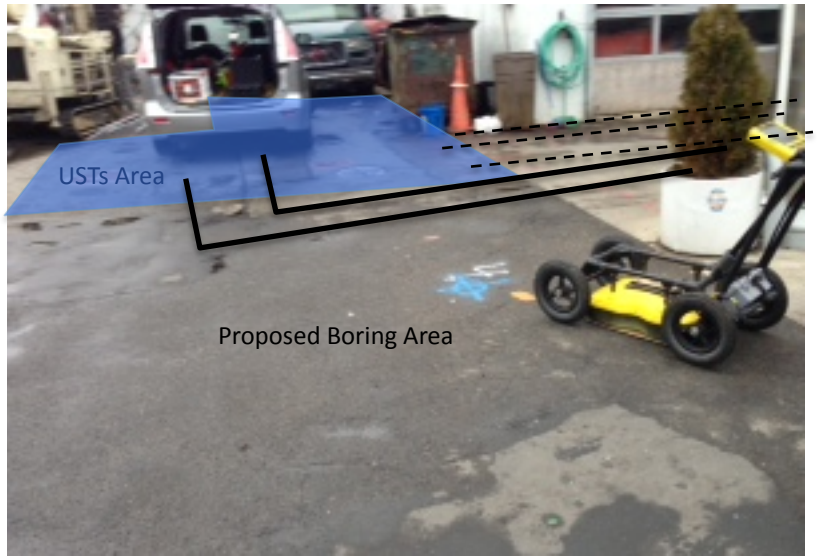
GEOPHYSICAL SURVEY SITE PLAN

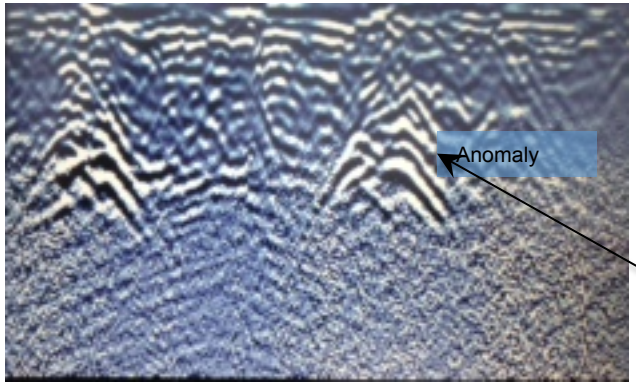
SITE: 700 East 241st Street, Bronx, NY 10470
CLIENT: **Environmental Business Consultants**
SCALE: Not To Scale
DATE : 01/15/13

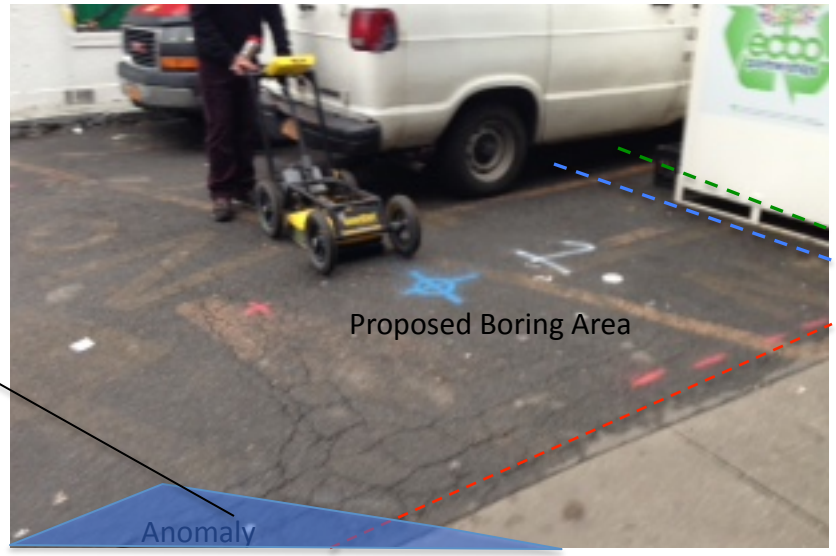
INFORMATION

- GPR / EM Surveyed Area
- Scattered/ Anomaly
- Major Anomaly
- Underground Piping (Sewer, Electric, and gas)
- Geophysical Noise Areas

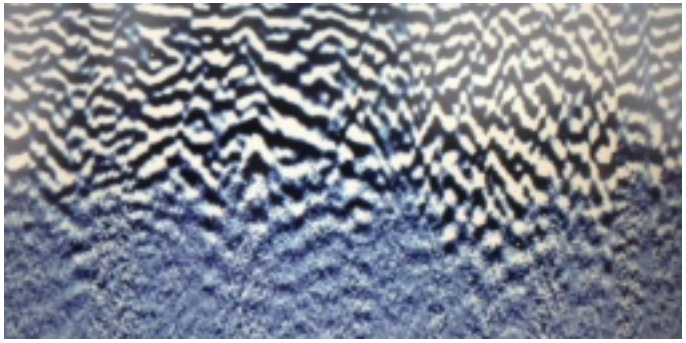

Vent Pipes
USTs Area


USTs Area
Proposed Boring Area


Anomaly


Proposed Boring Area
Anomaly


ASTs




Proposed Boring Area


Gulf

GEOPHYSICAL IMAGES
Commercial Property-Gasoline Station
700 East 241st Street, Bronx, 10470
January 15th, 2013

APPENDIX B
Boring Logs

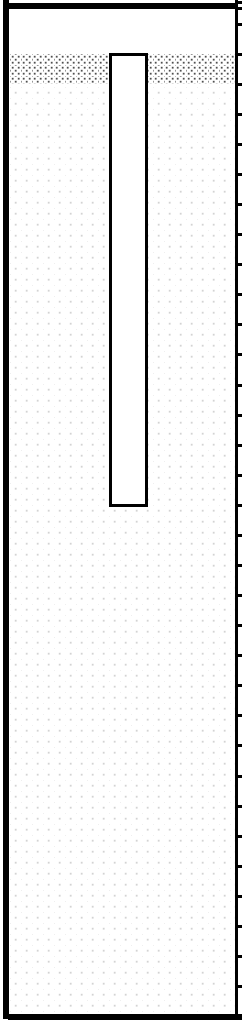
1808 Middle Country Road
Ridge, NY 11961
Phone 631.504.6000
Fax 631.924.2870

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B1 Boring Log

Location: Performed in the southwest corner of Lot 62. Located along WPR near the sidewalk.			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: MPE1301	Address: 714 E. 241st Street, Bronx, NY		Date / DTW	Ground Elevation
			Groundwater depth	
Drilling Company: Eastern Environmental Solutions	Method: Geoprobe		~10 feet	Well Specifications
Date Started: 1/15/2013	Date Completed: 1/15/2013			None
Completion Depth: 15 feet	Geologist Sara Babyatsky			

B1 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0 to 5	40		-	3" - Asphalt 24" - Mason sand 16" - Brown silty sand (fill material) 5" - Brown coarse sand 6" - Slightly stained grey fine sand
	5 to 10	42		-	7" - Soil boring cave-in 24" - Slightly grey stained silty sand 6" - Grey silty clay w/odor 5" - Grey and brown fine sand
	10 to 15	60		-	31" - Saturated, brown/grey sand 29" - Brown silty with rock fragments. **Retained soil sample B1(10-12)*
					**Collected GW sample GW-1*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B2 Boring Log

Location: Performed on the west side of the tank pad located on Lot 62.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: MPE1301	Address: 714 E. 241st Street, Bronx, NY	Date / DTW	Ground Elevation
		Groundwater depth	
Drilling Company: Eastern Environmental Solutions	Method: Geoprobe	~10 feet	Well Specifications
Date Started: 1/15/2013	Date Completed: 1/15/2013		None
Completion Depth: 15 feet	Geologist Sara Babyatsky		

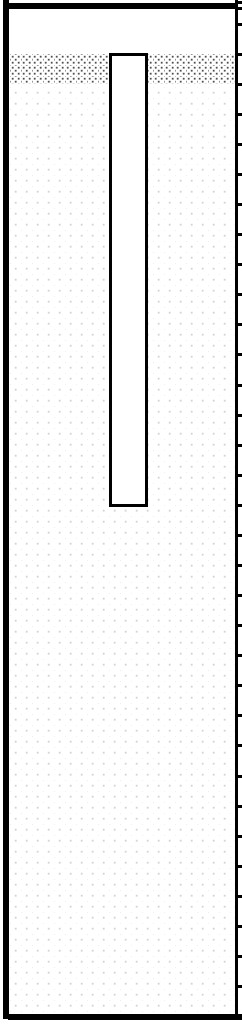
B2 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	44		-	6." - Asphalt 12" - Fill material 26" - Brown silty sand with rock fragments.
	to 10	48		-	8" - Soil boring cave-in 6" - Darnk brown silty clay 28" - Slightly grey stained silty sand w/odor 8" - Brown fine silt
	to 15	52		-	52" - Saturated, brown/grey sand **Retained soil sample B2(10-12)*
					**Collected GW sample GW-1*

Geologic Boring Log Details

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

B3 Boring Log

Location: Performed between the tank pad on Lot 62 and the E241st Street sidewalk.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: MPE1301	Address: 714 E. 241st Street, Bronx, NY	Date / DTW	Ground Elevation
		Groundwater depth	
Drilling Company: Eastern Environmental Solutions	Method: Geoprobe	~10 feet	Well Specifications
Date Started: 1/15/2013	Date Completed: 1/15/2013		None
Completion Depth: 15 feet	Geologist Sara Babyatsky		

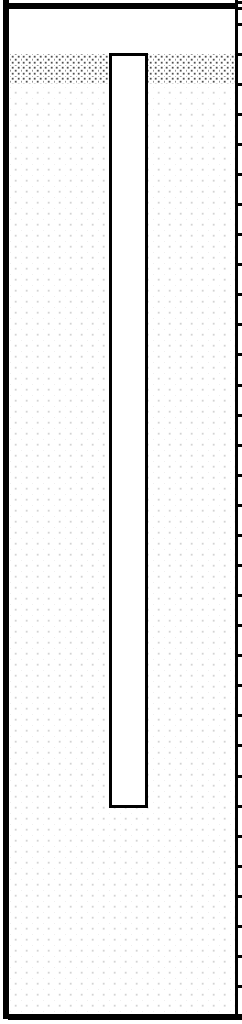
B3 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	42		-	14" - Fill material 20" - Dark brown/grey silty sand 8" - Brown silty sand. **Retained soil sample B3(3-5)*
	to 10	44		-	8" - Soil boring cave-in 36" - Grey clay with slight odor.
	to 15	48		-	14" - Brown/grey silty sand . 10" - Grey/brown silty clay w/slight odor. 16" - Saturated brown silty clay. 8" - Saturated grey/brown fine sand. **Retained soil sample B3(10-12)*
					**Collected GW sample GW-3*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B4 Boring Log

Location: Performed on the east side of the tank pad located on Lot 62.			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: MPE1301	Address: 714 E. 241st Street, Bronx, NY		Date / DTW	Ground Elevation
			Groundwater depth	
Drilling Company: Eastern Environmental Solutions	Method: Geoprobe		~10 feet	Well Specifications
Date Started: 1/15/2013	Date Completed: 1/15/2013			None
Completion Depth: 25 feet	Geologist Sara Babyatsky			

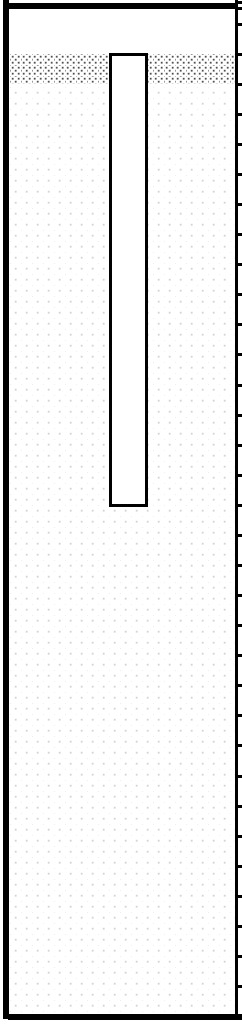
B4 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	40		-	16" - Fill material 4" - Fine brown sand 15" - Darnk brown fine silty sand 5" - Brown coarse sand
	to 10	50		-	2" - Brown silty sand 11" - Crushed rock 15" - Dark brown and grey silty sand 29" - Grey silty clay **Retained soil sample B4(5-7)*
	to 15	34		-	18" - Grey silty clay 14" - Brown silty clay
	to 20	34		-	17" - Cave-in material 17" - Brown sitly clay with rock fragments
	to 25	34		-	4" - Saturated brown silt 30" - Saturated brown sand

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B5 Boring Log

Location: Performed on Lot 62, just west of the building.			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: MPE1301	Address: 714 E. 241st Street, Bronx, NY	Date	DTW	Ground Elevation
		Groundwater depth		
Drilling Company: Eastern Environmental Solutions	Method: Geoprobe	~10 feet		Well Specifications
Date Started: 1/15/2013	Date Completed: 1/15/2013			None
Completion Depth: 15 feet	Geologist Sara Babyatsky			

B5 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	36		-	5" - Asphalt 10" - Dark brown fine sand with rock and coal fragements. 14" - Brown silty sand 7" - Brown fine sand w/slight odor.
	to 10	31		-	10" - Dark brown silty clay. 19" - Slightly grey stained silty sand 2" Brown and grey silty sand.
	to 15	36		-	7" - Grey/brown silty sand 4" - Slightly grey stained silty sand Moist 25" - Saturated fine grey sand **Retained soil sample B5(10-12)*
					**Collected GW sample GW-1*

Geologic Boring Log Details

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

B6 Boring Log

Location: Performed in the approximate center of Lot 3.			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: MPE1301	Address: 714 E. 241st Street, Bronx, NY		Date / DTW	Ground Elevation
			Groundwater depth	
Drilling Company: Eastern Environmental Solutions	Method: Geoprobe		~13 feet	Well Specifications
Date Started: 1/15/2013	Date Completed: 1/15/2013			None
Completion Depth: 20 feet	Geologist Sara Babyatsky			

B6 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	48		-	3" - Asphalt 15" - Brown silty sand (fill material) 30" - Brown silty sand with rock . **Retained soil sample B6(3-5)*
	to 10	44		-	8" - Soil boring cave-in 12" - Grey silt. 24" - Fine tan sand.
	to 15	46		-	12" - Soil boring cave-in 11" - Brown coarse sand with crushed rock fragments. 20" - Brown silty sand w/pebbles. **Retained soil sample B1(10-12)*
	to 20	56		-	48" - Saturated coarse borwn sand 4" - Brown silty sand
					**Collected GW sample GW-6*

Geologic Boring Log Details

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

B7 Boring Log

Location: Performed in the front half of Lot 6.			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: MPE1301	Address: 714 E. 241st Street, Bronx, NY		Date / DTW	Ground Elevation
			Groundwater depth	
Drilling Company: Eastern Environmental Solutions	Method: Geoprobe		~12 feet	Well Specifications
Date Started: 1/15/2013	Date Completed: 1/15/2013			None
Completion Depth: 15 feet	Geologist Sara Babyatsky			

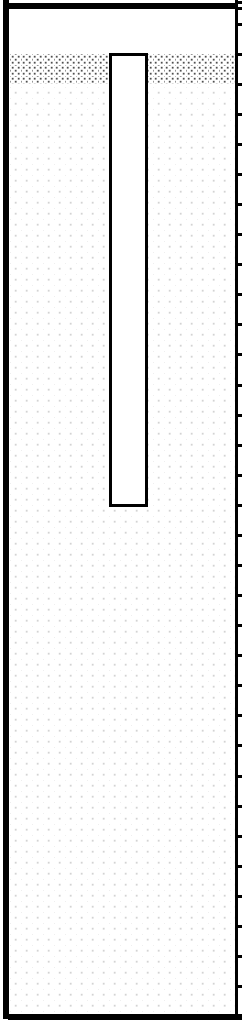
B7 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	24		-	10" - Fill material 14" - Brown silty sand
	to 10	32		-	12" - Damp brown silt 20" - Brown fine sand
	to 15	53		-	7" - Brown silty sand 17" - Saturated fine brown sand. 27" - Saturated brown silty sand. **Retained soil sample B7(10-12)*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B8 Boring Log

Location: Performed in the southwest corner of Lot 62. Located along WPR near the sidewalk.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: MPE1301	Address: 714 E. 241st Street, Bronx, NY	Date / DTW	Ground Elevation
		Groundwater depth	
Drilling Company: Eastern Environmental Solutions	Method: Geoprobe	~12 feet	Well Specifications
Date Started: 1/15/2013	Date Completed: 1/15/2013		None
Completion Depth: 15 feet	Geologist Sara Babyatsky		

B8 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	40		-	3" - Asphalt 9" - Fill material 9" - Dark brown fine sand with rock fragments. 21" - Fine brown sand with rock fragments.
	to 10	57		-	25" - Grey silty clay 32" - Brown silt w/crushed rock
	to 15	58		-	6" - Brown silty sand 4" - Dark brown fine sand 12" - Saturated brown fine silt 32" - Saturated brown fine sand w/rock **Retained soil sample B8(13-15)*
					**Collected GW sample GW-1*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B9 Boring Log

Location: Performed on Lot 65, between Lots 9 and 55.			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: MPE1301	Address: 714 E. 241st Street, Bronx, NY		Date / DTW	Ground Elevation
			Groundwater depth	
Drilling Company: Eastern Environmental Solutions	Method: Geoprobe		~12 feet	Well Specifications
Date Started: 1/15/2013	Date Completed: 1/15/2013			None
Completion Depth: 15 feet	Geologist Sara Babyatsky			

B9 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	34		-	3" - Asphalt 23" - Fill material 9" - Brown fine sand
	to 10	36		-	6" - Brown fine sand 16" - Brown silty sand 14" - Brown fine sand
	to 15	34		-	7"- Brown fine sand 11" - Brown medium sand, damp 11" - Saturated brown sand **Retained soil sample B9(12-14)*

APPENDIX C
Laboratory Report

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

PHOENIX
Environmental Laboratories, Inc.

Wednesday, January 23, 2013

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

Project ID: 700 E241ST ST
Sample ID#s: BD20305 - BD20321

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.

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 have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Laboratory Director

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

Project ID: 700 E241ST ST
Client ID: B1 10-12

Phoenix I.D.: BD20305

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
1,1-Dichloropropene	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND	3100	ug/Kg	01/18/13	R/J	SW8260	LP
1,2,3-Trichloropropane	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
1,2,4-Trimethylbenzene	32000	3100	ug/Kg	01/18/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
1,2-Dibromoethane	ND	3100	ug/Kg	01/18/13	R/J	SW8260	LP
1,2-Dichlorobenzene	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
1,2-Dichloroethane	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
1,2-Dichloropropane	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
1,3,5-Trimethylbenzene	11000	3100	ug/Kg	01/18/13	R/J	SW8260	
1,3-Dichlorobenzene	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
1,3-Dichloropropane	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
1,4-Dichlorobenzene	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
2,2-Dichloropropane	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
2-Chlorotoluene	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
2-Hexanone	ND	16000	ug/Kg	01/18/13	R/J	SW8260	
2-Isopropyltoluene	ND	3100	ug/Kg	01/18/13	R/J	SW8260	1
4-Chlorotoluene	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
4-Methyl-2-pentanone	ND	16000	ug/Kg	01/18/13	R/J	SW8260	
Acetone	ND	63000	ug/Kg	01/18/13	R/J	SW8260	
Acrylonitrile	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
Benzene	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
Bromobenzene	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
Bromochloromethane	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
Bromodichloromethane	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
Bromoform	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
Bromomethane	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
Carbon Disulfide	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
Carbon tetrachloride	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
Chlorobenzene	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
Chloroethane	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
Chloroform	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
Chloromethane	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND	3100	ug/Kg	01/18/13	R/J	SW8260	1
Dibromochloromethane	ND	1900	ug/Kg	01/18/13	R/J	SW8260	
Dibromomethane	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
Dichlorodifluoromethane	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
Ethylbenzene	4800	3100	ug/Kg	01/18/13	R/J	SW8260	
Hexachlorobutadiene	ND	3100	ug/Kg	01/18/13	R/J	SW8260	LP
Isopropylbenzene	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
m&p-Xylene	15000	3100	ug/Kg	01/18/13	R/J	SW8260	
Methyl Ethyl Ketone	ND	19000	ug/Kg	01/18/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	6300	ug/Kg	01/18/13	R/J	SW8260	
Methylene chloride	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
Naphthalene	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
n-Butylbenzene	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
n-Propylbenzene	5400	3100	ug/Kg	01/18/13	R/J	SW8260	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
o-Xylene	5600	3100	ug/Kg	01/18/13	R/J	SW8260	
p-Isopropyltoluene	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
sec-Butylbenzene	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
Styrene	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
tert-Butylbenzene	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
Tetrachloroethene	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND	6300	ug/Kg	01/18/13	R/J	SW8260	1
Toluene	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
Total Xylenes	20600	3100	ug/Kg	01/18/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	6300	ug/Kg	01/18/13	R/J	SW8260	
Trichloroethene	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
Trichlorofluoromethane	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
Trichlorotrifluoroethane	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
Vinyl chloride	ND	3100	ug/Kg	01/18/13	R/J	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	97		%	01/18/13	R/J	70 - 130 %	
% Bromofluorobenzene	96		%	01/18/13	R/J	70 - 130 %	
% Dibromofluoromethane	91		%	01/18/13	R/J	70 - 130 %	
% Toluene-d8	97		%	01/18/13	R/J	70 - 130 %	
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
1,2,4-Trichlorobenzene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
1,2-Dichlorobenzene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
1,2-Diphenylhydrazine	ND	410	ug/Kg	01/17/13	KCA	SW 8270	
1,3-Dichlorobenzene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
1,4-Dichlorobenzene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
2,4,5-Trichlorophenol	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
2,4,6-Trichlorophenol	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dichlorophenol	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dimethylphenol	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dinitrophenol	ND	660	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dinitrotoluene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
2,6-Dinitrotoluene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
2-Chloronaphthalene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
2-Chlorophenol	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
2-Methylnaphthalene	1800	290	ug/Kg	01/17/13	KCA	SW 8270	
2-Methylphenol (o-cresol)	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
2-Nitroaniline	ND	660	ug/Kg	01/17/13	KCA	SW 8270	
2-Nitrophenol	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	410	ug/Kg	01/17/13	KCA	SW 8270	
3,3'-Dichlorobenzidine	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
3-Nitroaniline	ND	660	ug/Kg	01/17/13	KCA	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1200	ug/Kg	01/17/13	KCA	SW 8270	
4-Bromophenyl phenyl ether	ND	410	ug/Kg	01/17/13	KCA	SW 8270	
4-Chloro-3-methylphenol	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
4-Chloroaniline	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
4-Chlorophenyl phenyl ether	ND	290	ug/Kg	01/17/13	KCA	SW 8270	

Project ID: 700 E241ST ST
Client ID: B1 10-12

Phoenix I.D.: BD20305

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND	660	ug/Kg	01/17/13	KCA	SW 8270	
4-Nitrophenol	ND	1200	ug/Kg	01/17/13	KCA	SW 8270	
Acenaphthene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Acenaphthylene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Acetophenone	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Aniline	ND	1200	ug/Kg	01/17/13	KCA	SW 8270	
Anthracene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Benz(a)anthracene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Benzidine	ND	490	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(a)pyrene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(b)fluoranthene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(ghi)perylene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(k)fluoranthene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Benzoic acid	ND	1200	ug/Kg	01/17/13	KCA	SW 8270	LO
Benzyl butyl phthalate	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-chloroethoxy)methane	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-chloroethyl)ether	ND	410	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-chloroisopropyl)ether	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-ethylhexyl)phthalate	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Carbazole	ND	610	ug/Kg	01/17/13	KCA	SW 8270	
Chrysene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Dibenz(a,h)anthracene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Dibenzofuran	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Diethyl phthalate	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Dimethylphthalate	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Di-n-butylphthalate	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Di-n-octylphthalate	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Fluoranthene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Fluorene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Hexachlorobenzene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Hexachlorobutadiene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Hexachlorocyclopentadiene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Hexachloroethane	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Isophorone	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Naphthalene	950	290	ug/Kg	01/17/13	KCA	SW 8270	
Nitrobenzene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
N-Nitrosodimethylamine	ND	410	ug/Kg	01/17/13	KCA	SW 8270	
N-Nitrosodi-n-propylamine	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
N-Nitrosodiphenylamine	ND	410	ug/Kg	01/17/13	KCA	SW 8270	
Pentachloronitrobenzene	ND	410	ug/Kg	01/17/13	KCA	SW 8270	
Pentachlorophenol	ND	410	ug/Kg	01/17/13	KCA	SW 8270	
Phenanthrene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Phenol	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Pyrene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Pyridine	ND	410	ug/Kg	01/17/13	KCA	SW 8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	85		%	01/17/13	KCA	30 - 130 %	
% 2-Fluorobiphenyl	76		%	01/17/13	KCA	30 - 130 %	
% 2-Fluorophenol	87		%	01/17/13	KCA	30 - 130 %	

Project ID: 700 E241ST ST
Client ID: B1 10-12

Phoenix I.D.: BD20305

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	78		%	01/17/13	KCA	30 - 130 %
% Phenol-d5	87		%	01/17/13	KCA	30 - 130 %
% Terphenyl-d14	82		%	01/17/13	KCA	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
1P = This parameter is pending certification by NY NELAC for this matrix.
1O = This parameter is not certified by NY NELAC for this matrix.

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

Comments:

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
January 23, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Project ID: 700 E241ST ST
Client ID: B2 10-12

Phoenix I.D.: BD20306

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND	1500	ug/Kg	01/17/13	R/J	SW8260	
1,1-Dichloropropene	ND	1500	ug/Kg	01/17/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND	1500	ug/Kg	01/17/13	R/J	SW8260	LP
1,2,3-Trichloropropane	ND	1500	ug/Kg	01/17/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND	1500	ug/Kg	01/17/13	R/J	SW8260	
1,2,4-Trimethylbenzene	210000	7400	ug/Kg	01/17/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	1500	ug/Kg	01/17/13	R/J	SW8260	
1,2-Dibromoethane	ND	1500	ug/Kg	01/17/13	R/J	SW8260	LP
1,2-Dichlorobenzene	ND	1500	ug/Kg	01/17/13	R/J	SW8260	
1,2-Dichloroethane	ND	1500	ug/Kg	01/17/13	R/J	SW8260	
1,2-Dichloropropane	ND	1500	ug/Kg	01/17/13	R/J	SW8260	
1,3,5-Trimethylbenzene	73000	7400	ug/Kg	01/17/13	R/J	SW8260	
1,3-Dichlorobenzene	ND	1500	ug/Kg	01/17/13	R/J	SW8260	
1,3-Dichloropropane	ND	1500	ug/Kg	01/17/13	R/J	SW8260	
1,4-Dichlorobenzene	ND	1500	ug/Kg	01/17/13	R/J	SW8260	
2,2-Dichloropropane	ND	1500	ug/Kg	01/17/13	R/J	SW8260	
2-Chlorotoluene	ND	1500	ug/Kg	01/17/13	R/J	SW8260	
2-Hexanone	ND	7400	ug/Kg	01/17/13	R/J	SW8260	
2-Isopropyltoluene	ND	1500	ug/Kg	01/17/13	R/J	SW8260	1
4-Chlorotoluene	ND	1500	ug/Kg	01/17/13	R/J	SW8260	
4-Methyl-2-pentanone	ND	7400	ug/Kg	01/17/13	R/J	SW8260	
Acetone	ND	30000	ug/Kg	01/17/13	R/J	SW8260	
Acrylonitrile	ND	1500	ug/Kg	01/17/13	R/J	SW8260	
Benzene	16000	1500	ug/Kg	01/17/13	R/J	SW8260	
Bromobenzene	ND	1500	ug/Kg	01/17/13	R/J	SW8260	
Bromochloromethane	ND	1500	ug/Kg	01/17/13	R/J	SW8260	
Bromodichloromethane	ND	1500	ug/Kg	01/17/13	R/J	SW8260	
Bromoform	ND	1500	ug/Kg	01/17/13	R/J	SW8260	
Bromomethane	ND	1500	ug/Kg	01/17/13	R/J	SW8260	B
Carbon Disulfide	ND	1500	ug/Kg	01/17/13	R/J	SW8260	
Carbon tetrachloride	ND	1500	ug/Kg	01/17/13	R/J	SW8260	
Chlorobenzene	ND	1500	ug/Kg	01/17/13	R/J	SW8260	
Chloroethane	ND	1500	ug/Kg	01/17/13	R/J	SW8260	
Chloroform	ND	1500	ug/Kg	01/17/13	R/J	SW8260	
Chloromethane	ND	1500	ug/Kg	01/17/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND	1500	ug/Kg	01/17/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND	1500	ug/Kg	01/17/13	R/J	SW8260	1
Dibromochloromethane	ND	890	ug/Kg	01/17/13	R/J	SW8260	
Dibromomethane	ND	1500	ug/Kg	01/17/13	R/J	SW8260	
Dichlorodifluoromethane	ND	1500	ug/Kg	01/17/13	R/J	SW8260	
Ethylbenzene	94000	7400	ug/Kg	01/17/13	R/J	SW8260	
Hexachlorobutadiene	ND	1500	ug/Kg	01/17/13	R/J	SW8260	LP
Isopropylbenzene	11000	1500	ug/Kg	01/17/13	R/J	SW8260	
m&p-Xylene	320000	7400	ug/Kg	01/17/13	R/J	SW8260	
Methyl Ethyl Ketone	ND	8900	ug/Kg	01/17/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	6200	3000	ug/Kg	01/17/13	R/J	SW8260	
Methylene chloride	ND	1500	ug/Kg	01/17/13	R/J	SW8260	
Naphthalene	25000	1500	ug/Kg	01/17/13	R/J	SW8260	
n-Butylbenzene	8300	1500	ug/Kg	01/17/13	R/J	SW8260	
n-Propylbenzene	34000	1500	ug/Kg	01/17/13	R/J	SW8260	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
o-Xylene	130000	7400	ug/Kg	01/17/13	R/J	SW8260	
p-Isopropyltoluene	1900	1500	ug/Kg	01/17/13	R/J	SW8260	
sec-Butylbenzene	3600	1500	ug/Kg	01/17/13	R/J	SW8260	
Styrene	ND	1500	ug/Kg	01/17/13	R/J	SW8260	
tert-Butylbenzene	ND	1500	ug/Kg	01/17/13	R/J	SW8260	
Tetrachloroethene	ND	1500	ug/Kg	01/17/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND	3000	ug/Kg	01/17/13	R/J	SW8260	1
Toluene	190000	7400	ug/Kg	01/17/13	R/J	SW8260	
Total Xylenes	450000	1500	ug/Kg	01/17/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND	1500	ug/Kg	01/17/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND	1500	ug/Kg	01/17/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	3000	ug/Kg	01/17/13	R/J	SW8260	
Trichloroethene	ND	1500	ug/Kg	01/17/13	R/J	SW8260	
Trichlorofluoromethane	ND	1500	ug/Kg	01/17/13	R/J	SW8260	
Trichlorotrifluoroethane	ND	1500	ug/Kg	01/17/13	R/J	SW8260	
Vinyl chloride	ND	1500	ug/Kg	01/17/13	R/J	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	01/17/13	R/J	70 - 130 %	
% Bromofluorobenzene	109		%	01/17/13	R/J	70 - 130 %	
% Dibromofluoromethane	103		%	01/17/13	R/J	70 - 130 %	
% Toluene-d8	96		%	01/17/13	R/J	70 - 130 %	
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
1,2,4-Trichlorobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
1,2-Dichlorobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
1,2-Diphenylhydrazine	ND	380	ug/Kg	01/17/13	KCA	SW 8270	
1,3-Dichlorobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
1,4-Dichlorobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2,4,5-Trichlorophenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2,4,6-Trichlorophenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dichlorophenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dimethylphenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dinitrophenol	ND	610	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dinitrotoluene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2,6-Dinitrotoluene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2-Chloronaphthalene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2-Chlorophenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2-Methylnaphthalene	14000	270	ug/Kg	01/17/13	KCA	SW 8270	
2-Methylphenol (o-cresol)	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2-Nitroaniline	ND	610	ug/Kg	01/17/13	KCA	SW 8270	
2-Nitrophenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	380	ug/Kg	01/17/13	KCA	SW 8270	
3,3'-Dichlorobenzidine	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
3-Nitroaniline	ND	610	ug/Kg	01/17/13	KCA	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	01/17/13	KCA	SW 8270	
4-Bromophenyl phenyl ether	ND	380	ug/Kg	01/17/13	KCA	SW 8270	
4-Chloro-3-methylphenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
4-Chloroaniline	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
4-Chlorophenyl phenyl ether	ND	270	ug/Kg	01/17/13	KCA	SW 8270	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND	610	ug/Kg	01/17/13	KCA	SW 8270	
4-Nitrophenol	ND	1100	ug/Kg	01/17/13	KCA	SW 8270	
Acenaphthene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Acenaphthylene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Acetophenone	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Aniline	ND	1100	ug/Kg	01/17/13	KCA	SW 8270	
Anthracene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benz(a)anthracene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benzidine	ND	460	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(a)pyrene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(b)fluoranthene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(ghi)perylene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(k)fluoranthene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benzoic acid	ND	1100	ug/Kg	01/17/13	KCA	SW 8270	LO
Benzyl butyl phthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-chloroethoxy)methane	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-chloroethyl)ether	ND	380	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-chloroisopropyl)ether	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-ethylhexyl)phthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Carbazole	ND	580	ug/Kg	01/17/13	KCA	SW 8270	
Chrysene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Dibenz(a,h)anthracene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Dibenzofuran	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Diethyl phthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Dimethylphthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Di-n-butylphthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Di-n-octylphthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Fluoranthene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Fluorene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Hexachlorobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Hexachlorobutadiene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Hexachlorocyclopentadiene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Hexachloroethane	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Isophorone	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Naphthalene	19000	270	ug/Kg	01/17/13	KCA	SW 8270	
Nitrobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
N-Nitrosodimethylamine	ND	380	ug/Kg	01/17/13	KCA	SW 8270	
N-Nitrosodi-n-propylamine	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
N-Nitrosodiphenylamine	ND	380	ug/Kg	01/17/13	KCA	SW 8270	
Pentachloronitrobenzene	ND	380	ug/Kg	01/17/13	KCA	SW 8270	
Pentachlorophenol	ND	380	ug/Kg	01/17/13	KCA	SW 8270	
Phenanthrene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Phenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Pyrene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Pyridine	ND	380	ug/Kg	01/17/13	KCA	SW 8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	84		%	01/17/13	KCA	30 - 130 %	
% 2-Fluorobiphenyl	67		%	01/17/13	KCA	30 - 130 %	
% 2-Fluorophenol	75		%	01/17/13	KCA	30 - 130 %	

Project ID: 700 E241ST ST
Client ID: B2 10-12

Phoenix I.D.: BD20306

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	61		%	01/17/13	KCA	30 - 130 %
% Phenol-d5	88		%	01/17/13	KCA	30 - 130 %
% Terphenyl-d14	83		%	01/17/13	KCA	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
1P = This parameter is pending certification by NY NELAC for this matrix.
1O = This parameter is not certified by NY NELAC for this matrix.
B = Present in blank, no bias suspected.

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

Comments:

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
January 23, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Project ID: 700 E241ST ST
Client ID: B3 3-5

Phoenix I.D.: BD20307

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND	9.5	ug/Kg	01/17/13	H/J	SW8260	
1,1-Dichloropropene	ND	9.5	ug/Kg	01/17/13	H/J	SW8260	
1,2,3-Trichlorobenzene	ND	9.5	ug/Kg	01/17/13	H/J	SW8260	LP
1,2,3-Trichloropropane	ND	9.5	ug/Kg	01/17/13	H/J	SW8260	
1,2,4-Trichlorobenzene	ND	9.5	ug/Kg	01/17/13	H/J	SW8260	
1,2,4-Trimethylbenzene	200	9.5	ug/Kg	01/17/13	H/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	9.5	ug/Kg	01/17/13	H/J	SW8260	
1,2-Dibromoethane	ND	9.5	ug/Kg	01/17/13	H/J	SW8260	LP
1,2-Dichlorobenzene	ND	9.5	ug/Kg	01/17/13	H/J	SW8260	
1,2-Dichloroethane	ND	9.5	ug/Kg	01/17/13	H/J	SW8260	
1,2-Dichloropropane	ND	9.5	ug/Kg	01/17/13	H/J	SW8260	
1,3,5-Trimethylbenzene	100	9.5	ug/Kg	01/17/13	H/J	SW8260	
1,3-Dichlorobenzene	ND	9.5	ug/Kg	01/17/13	H/J	SW8260	
1,3-Dichloropropane	ND	9.5	ug/Kg	01/17/13	H/J	SW8260	
1,4-Dichlorobenzene	ND	9.5	ug/Kg	01/17/13	H/J	SW8260	
2,2-Dichloropropane	ND	9.5	ug/Kg	01/17/13	H/J	SW8260	
2-Chlorotoluene	ND	9.5	ug/Kg	01/17/13	H/J	SW8260	
2-Hexanone	ND	47	ug/Kg	01/17/13	H/J	SW8260	
2-Isopropyltoluene	ND	9.5	ug/Kg	01/17/13	H/J	SW8260	1
4-Chlorotoluene	ND	9.5	ug/Kg	01/17/13	H/J	SW8260	
4-Methyl-2-pentanone	ND	47	ug/Kg	01/17/13	H/J	SW8260	
Acetone	130	95	ug/Kg	01/17/13	H/J	SW8260	
Acrylonitrile	ND	9.5	ug/Kg	01/17/13	H/J	SW8260	
Benzene	68	9.5	ug/Kg	01/17/13	H/J	SW8260	
Bromobenzene	ND	9.5	ug/Kg	01/17/13	H/J	SW8260	
Bromochloromethane	ND	9.5	ug/Kg	01/17/13	H/J	SW8260	
Bromodichloromethane	ND	9.5	ug/Kg	01/17/13	H/J	SW8260	
Bromoform	ND	9.5	ug/Kg	01/17/13	H/J	SW8260	
Bromomethane	ND	19	ug/Kg	01/17/13	H/J	SW8260	B
Carbon Disulfide	ND	9.5	ug/Kg	01/17/13	H/J	SW8260	
Carbon tetrachloride	ND	9.5	ug/Kg	01/17/13	H/J	SW8260	
Chlorobenzene	ND	9.5	ug/Kg	01/17/13	H/J	SW8260	
Chloroethane	ND	9.5	ug/Kg	01/17/13	H/J	SW8260	
Chloroform	ND	9.5	ug/Kg	01/17/13	H/J	SW8260	
Chloromethane	ND	9.5	ug/Kg	01/17/13	H/J	SW8260	
cis-1,2-Dichloroethene	ND	9.5	ug/Kg	01/17/13	H/J	SW8260	
cis-1,3-Dichloropropene	ND	9.5	ug/Kg	01/17/13	H/J	SW8260	1
Dibromochloromethane	ND	5.7	ug/Kg	01/17/13	H/J	SW8260	
Dibromomethane	ND	9.5	ug/Kg	01/17/13	H/J	SW8260	
Dichlorodifluoromethane	ND	9.5	ug/Kg	01/17/13	H/J	SW8260	
Ethylbenzene	190	9.5	ug/Kg	01/17/13	H/J	SW8260	
Hexachlorobutadiene	ND	9.5	ug/Kg	01/17/13	H/J	SW8260	LP
Isopropylbenzene	31	9.5	ug/Kg	01/17/13	H/J	SW8260	
m&p-Xylene	440	9.5	ug/Kg	01/17/13	H/J	SW8260	
Methyl Ethyl Ketone	ND	57	ug/Kg	01/17/13	H/J	SW8260	
Methyl t-butyl ether (MTBE)	130	19	ug/Kg	01/17/13	H/J	SW8260	
Methylene chloride	ND	9.5	ug/Kg	01/17/13	H/J	SW8260	
Naphthalene	50	9.5	ug/Kg	01/17/13	H/J	SW8260	
n-Butylbenzene	16	9.5	ug/Kg	01/17/13	H/J	SW8260	
n-Propylbenzene	79	9.5	ug/Kg	01/17/13	H/J	SW8260	

Parameter	Result		RL/ PQL	Units	Date/Time	By	Reference	
o-Xylene	200		9.5	ug/Kg	01/17/13	H/J	SW8260	
p-Isopropyltoluene	ND		9.5	ug/Kg	01/17/13	H/J	SW8260	
sec-Butylbenzene	10		9.5	ug/Kg	01/17/13	H/J	SW8260	
Styrene	ND		9.5	ug/Kg	01/17/13	H/J	SW8260	
tert-Butylbenzene	ND		9.5	ug/Kg	01/17/13	H/J	SW8260	
Tetrachloroethene	ND		9.5	ug/Kg	01/17/13	H/J	SW8260	
Tetrahydrofuran (THF)	ND		19	ug/Kg	01/17/13	H/J	SW8260	1
Toluene	340	E	9.5	ug/Kg	01/17/13	H/J	SW8260	
Total Xylenes	640		9.5	ug/Kg	01/17/13	H/J	SW8260	
trans-1,2-Dichloroethene	ND		9.5	ug/Kg	01/17/13	H/J	SW8260	
trans-1,3-Dichloropropene	ND		9.5	ug/Kg	01/17/13	H/J	SW8260	
trans-1,4-dichloro-2-butene	ND		19	ug/Kg	01/17/13	H/J	SW8260	
Trichloroethene	ND		9.5	ug/Kg	01/17/13	H/J	SW8260	
Trichlorofluoromethane	ND		9.5	ug/Kg	01/17/13	H/J	SW8260	
Trichlorotrifluoroethane	ND		9.5	ug/Kg	01/17/13	H/J	SW8260	
Vinyl chloride	ND		9.5	ug/Kg	01/17/13	H/J	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	97			%	01/17/13	H/J	70 - 130 %	
% Bromofluorobenzene	90			%	01/17/13	H/J	70 - 130 %	
% Dibromofluoromethane	100			%	01/17/13	H/J	70 - 130 %	
% Toluene-d8	94			%	01/17/13	H/J	70 - 130 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND		270	ug/Kg	01/17/13	KCA	SW 8270	
1,2,4-Trichlorobenzene	ND		270	ug/Kg	01/17/13	KCA	SW 8270	
1,2-Dichlorobenzene	ND		270	ug/Kg	01/17/13	KCA	SW 8270	
1,2-Diphenylhydrazine	ND		390	ug/Kg	01/17/13	KCA	SW 8270	
1,3-Dichlorobenzene	ND		270	ug/Kg	01/17/13	KCA	SW 8270	
1,4-Dichlorobenzene	ND		270	ug/Kg	01/17/13	KCA	SW 8270	
2,4,5-Trichlorophenol	ND		270	ug/Kg	01/17/13	KCA	SW 8270	
2,4,6-Trichlorophenol	ND		270	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dichlorophenol	ND		270	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dimethylphenol	ND		270	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dinitrophenol	ND		620	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dinitrotoluene	ND		270	ug/Kg	01/17/13	KCA	SW 8270	
2,6-Dinitrotoluene	ND		270	ug/Kg	01/17/13	KCA	SW 8270	
2-Chloronaphthalene	ND		270	ug/Kg	01/17/13	KCA	SW 8270	
2-Chlorophenol	ND		270	ug/Kg	01/17/13	KCA	SW 8270	
2-Methylnaphthalene	ND		270	ug/Kg	01/17/13	KCA	SW 8270	
2-Methylphenol (o-cresol)	ND		270	ug/Kg	01/17/13	KCA	SW 8270	
2-Nitroaniline	ND		620	ug/Kg	01/17/13	KCA	SW 8270	
2-Nitrophenol	ND		270	ug/Kg	01/17/13	KCA	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		390	ug/Kg	01/17/13	KCA	SW 8270	
3,3'-Dichlorobenzidine	ND		270	ug/Kg	01/17/13	KCA	SW 8270	
3-Nitroaniline	ND		620	ug/Kg	01/17/13	KCA	SW 8270	
4,6-Dinitro-2-methylphenol	ND		1100	ug/Kg	01/17/13	KCA	SW 8270	
4-Bromophenyl phenyl ether	ND		390	ug/Kg	01/17/13	KCA	SW 8270	
4-Chloro-3-methylphenol	ND		270	ug/Kg	01/17/13	KCA	SW 8270	
4-Chloroaniline	ND		270	ug/Kg	01/17/13	KCA	SW 8270	
4-Chlorophenyl phenyl ether	ND		270	ug/Kg	01/17/13	KCA	SW 8270	

Project ID: 700 E241ST ST
Client ID: B3 3-5

Phoenix I.D.: BD20307

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND	620	ug/Kg	01/17/13	KCA	SW 8270	
4-Nitrophenol	ND	1100	ug/Kg	01/17/13	KCA	SW 8270	
Acenaphthene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Acenaphthylene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Acetophenone	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Aniline	ND	1100	ug/Kg	01/17/13	KCA	SW 8270	
Anthracene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benz(a)anthracene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benzidine	ND	470	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(a)pyrene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(b)fluoranthene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(ghi)perylene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(k)fluoranthene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benzoic acid	ND	1100	ug/Kg	01/17/13	KCA	SW 8270	LO
Benzyl butyl phthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-chloroethoxy)methane	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-chloroethyl)ether	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-chloroisopropyl)ether	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-ethylhexyl)phthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Carbazole	ND	590	ug/Kg	01/17/13	KCA	SW 8270	
Chrysene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Dibenz(a,h)anthracene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Dibenzofuran	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Diethyl phthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Dimethylphthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Di-n-butylphthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Di-n-octylphthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Fluoranthene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Fluorene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Hexachlorobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Hexachlorobutadiene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Hexachlorocyclopentadiene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Hexachloroethane	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Isophorone	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Naphthalene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Nitrobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
N-Nitrosodimethylamine	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
N-Nitrosodi-n-propylamine	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
N-Nitrosodiphenylamine	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
Pentachloronitrobenzene	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
Pentachlorophenol	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
Phenanthrene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Phenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Pyrene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Pyridine	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	88		%	01/17/13	KCA	30 - 130 %	
% 2-Fluorobiphenyl	61		%	01/17/13	KCA	30 - 130 %	
% 2-Fluorophenol	82		%	01/17/13	KCA	30 - 130 %	

Project ID: 700 E241ST ST
Client ID: B3 3-5

Phoenix I.D.: BD20307

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	63		%	01/17/13	KCA	30 - 130 %
% Phenol-d5	83		%	01/17/13	KCA	30 - 130 %
% Terphenyl-d14	90		%	01/17/13	KCA	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
1P = This parameter is pending certification by NY NELAC for this matrix.
1O = This parameter is not certified by NY NELAC for this matrix.
B = Present in blank, no bias suspected.

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

Comments:

E = Estimated value. Sample result was above the calibration range. Subsequent dilution did not correlate well with original analysis results.

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
January 23, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Project ID: 700 E241ST ST
Client ID: B3 10-12

Phoenix I.D.: BD20308

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND	310	ug/Kg	01/18/13	H/J	SW8260	
1,1-Dichloropropene	ND	310	ug/Kg	01/18/13	H/J	SW8260	
1,2,3-Trichlorobenzene	ND	310	ug/Kg	01/18/13	H/J	SW8260	LP
1,2,3-Trichloropropane	ND	310	ug/Kg	01/18/13	H/J	SW8260	
1,2,4-Trichlorobenzene	ND	310	ug/Kg	01/18/13	H/J	SW8260	
1,2,4-Trimethylbenzene	4100	310	ug/Kg	01/18/13	H/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	310	ug/Kg	01/18/13	H/J	SW8260	
1,2-Dibromoethane	ND	310	ug/Kg	01/18/13	H/J	SW8260	LP
1,2-Dichlorobenzene	ND	310	ug/Kg	01/18/13	H/J	SW8260	
1,2-Dichloroethane	ND	310	ug/Kg	01/18/13	H/J	SW8260	
1,2-Dichloropropane	ND	310	ug/Kg	01/18/13	H/J	SW8260	
1,3,5-Trimethylbenzene	4300	310	ug/Kg	01/18/13	H/J	SW8260	
1,3-Dichlorobenzene	ND	310	ug/Kg	01/18/13	H/J	SW8260	
1,3-Dichloropropane	ND	310	ug/Kg	01/18/13	H/J	SW8260	
1,4-Dichlorobenzene	ND	310	ug/Kg	01/18/13	H/J	SW8260	
2,2-Dichloropropane	ND	310	ug/Kg	01/18/13	H/J	SW8260	
2-Chlorotoluene	ND	310	ug/Kg	01/18/13	H/J	SW8260	
2-Hexanone	ND	1600	ug/Kg	01/18/13	H/J	SW8260	
2-Isopropyltoluene	ND	310	ug/Kg	01/18/13	H/J	SW8260	1
4-Chlorotoluene	ND	310	ug/Kg	01/18/13	H/J	SW8260	
4-Methyl-2-pentanone	ND	1600	ug/Kg	01/18/13	H/J	SW8260	
Acetone	ND	6200	ug/Kg	01/18/13	H/J	SW8260	
Acrylonitrile	ND	310	ug/Kg	01/18/13	H/J	SW8260	
Benzene	ND	310	ug/Kg	01/18/13	H/J	SW8260	
Bromobenzene	ND	310	ug/Kg	01/18/13	H/J	SW8260	
Bromochloromethane	ND	310	ug/Kg	01/18/13	H/J	SW8260	
Bromodichloromethane	ND	310	ug/Kg	01/18/13	H/J	SW8260	
Bromoform	ND	310	ug/Kg	01/18/13	H/J	SW8260	
Bromomethane	ND	620	ug/Kg	01/18/13	H/J	SW8260	B
Carbon Disulfide	ND	310	ug/Kg	01/18/13	H/J	SW8260	
Carbon tetrachloride	ND	310	ug/Kg	01/18/13	H/J	SW8260	
Chlorobenzene	ND	310	ug/Kg	01/18/13	H/J	SW8260	
Chloroethane	ND	310	ug/Kg	01/18/13	H/J	SW8260	
Chloroform	ND	310	ug/Kg	01/18/13	H/J	SW8260	
Chloromethane	ND	310	ug/Kg	01/18/13	H/J	SW8260	
cis-1,2-Dichloroethene	ND	310	ug/Kg	01/18/13	H/J	SW8260	
cis-1,3-Dichloropropene	ND	310	ug/Kg	01/18/13	H/J	SW8260	1
Dibromochloromethane	ND	190	ug/Kg	01/18/13	H/J	SW8260	
Dibromomethane	ND	310	ug/Kg	01/18/13	H/J	SW8260	
Dichlorodifluoromethane	ND	310	ug/Kg	01/18/13	H/J	SW8260	
Ethylbenzene	3000	310	ug/Kg	01/18/13	H/J	SW8260	
Hexachlorobutadiene	ND	310	ug/Kg	01/18/13	H/J	SW8260	LP
Isopropylbenzene	810	310	ug/Kg	01/18/13	H/J	SW8260	
m&p-Xylene	1500	310	ug/Kg	01/18/13	H/J	SW8260	
Methyl Ethyl Ketone	ND	1900	ug/Kg	01/18/13	H/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	620	ug/Kg	01/18/13	H/J	SW8260	
Methylene chloride	ND	310	ug/Kg	01/18/13	H/J	SW8260	
Naphthalene	2000	310	ug/Kg	01/18/13	H/J	SW8260	
n-Butylbenzene	1100	310	ug/Kg	01/18/13	H/J	SW8260	
n-Propylbenzene	3100	310	ug/Kg	01/18/13	H/J	SW8260	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
o-Xylene	ND	310	ug/Kg	01/18/13	H/J	SW8260	
p-Isopropyltoluene	ND	310	ug/Kg	01/18/13	H/J	SW8260	
sec-Butylbenzene	410	310	ug/Kg	01/18/13	H/J	SW8260	
Styrene	ND	310	ug/Kg	01/18/13	H/J	SW8260	
tert-Butylbenzene	ND	310	ug/Kg	01/18/13	H/J	SW8260	
Tetrachloroethene	ND	310	ug/Kg	01/18/13	H/J	SW8260	
Tetrahydrofuran (THF)	ND	620	ug/Kg	01/18/13	H/J	SW8260	1
Toluene	ND	310	ug/Kg	01/18/13	H/J	SW8260	
Total Xylenes	1500	310	ug/Kg	01/18/13	H/J	SW8260	
trans-1,2-Dichloroethene	ND	310	ug/Kg	01/18/13	H/J	SW8260	
trans-1,3-Dichloropropene	ND	310	ug/Kg	01/18/13	H/J	SW8260	
trans-1,4-dichloro-2-butene	ND	620	ug/Kg	01/18/13	H/J	SW8260	
Trichloroethene	ND	310	ug/Kg	01/18/13	H/J	SW8260	
Trichlorofluoromethane	ND	310	ug/Kg	01/18/13	H/J	SW8260	
Trichlorotrifluoroethane	ND	310	ug/Kg	01/18/13	H/J	SW8260	
Vinyl chloride	ND	310	ug/Kg	01/18/13	H/J	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	96		%	01/18/13	H/J	70 - 130 %	
% Bromofluorobenzene	91		%	01/18/13	H/J	70 - 130 %	
% Dibromofluoromethane	95		%	01/18/13	H/J	70 - 130 %	
% Toluene-d8	97		%	01/18/13	H/J	70 - 130 %	
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
1,2,4-Trichlorobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
1,2-Dichlorobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
1,2-Diphenylhydrazine	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
1,3-Dichlorobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
1,4-Dichlorobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2,4,5-Trichlorophenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2,4,6-Trichlorophenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dichlorophenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dimethylphenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dinitrophenol	ND	630	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dinitrotoluene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2,6-Dinitrotoluene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2-Chloronaphthalene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2-Chlorophenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2-Methylnaphthalene	540	270	ug/Kg	01/17/13	KCA	SW 8270	
2-Methylphenol (o-cresol)	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2-Nitroaniline	ND	630	ug/Kg	01/17/13	KCA	SW 8270	
2-Nitrophenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
3,3'-Dichlorobenzidine	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
3-Nitroaniline	ND	630	ug/Kg	01/17/13	KCA	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	01/17/13	KCA	SW 8270	
4-Bromophenyl phenyl ether	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
4-Chloro-3-methylphenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
4-Chloroaniline	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
4-Chlorophenyl phenyl ether	ND	270	ug/Kg	01/17/13	KCA	SW 8270	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND	630	ug/Kg	01/17/13	KCA	SW 8270	
4-Nitrophenol	ND	1100	ug/Kg	01/17/13	KCA	SW 8270	
Acenaphthene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Acenaphthylene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Acetophenone	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Aniline	ND	1100	ug/Kg	01/17/13	KCA	SW 8270	
Anthracene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benz(a)anthracene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benzidine	ND	470	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(a)pyrene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(b)fluoranthene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(ghi)perylene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(k)fluoranthene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benzoic acid	ND	1100	ug/Kg	01/17/13	KCA	SW 8270	LO
Benzyl butyl phthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-chloroethoxy)methane	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-chloroethyl)ether	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-chloroisopropyl)ether	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-ethylhexyl)phthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Carbazole	ND	590	ug/Kg	01/17/13	KCA	SW 8270	
Chrysene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Dibenz(a,h)anthracene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Dibenzofuran	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Diethyl phthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Dimethylphthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Di-n-butylphthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Di-n-octylphthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Fluoranthene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Fluorene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Hexachlorobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Hexachlorobutadiene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Hexachlorocyclopentadiene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Hexachloroethane	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Isophorone	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Naphthalene	550	270	ug/Kg	01/17/13	KCA	SW 8270	
Nitrobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
N-Nitrosodimethylamine	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
N-Nitrosodi-n-propylamine	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
N-Nitrosodiphenylamine	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
Pentachloronitrobenzene	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
Pentachlorophenol	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
Phenanthrene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Phenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Pyrene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Pyridine	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	41		%	01/17/13	KCA	30 - 130 %	
% 2-Fluorobiphenyl	33		%	01/17/13	KCA	30 - 130 %	
% 2-Fluorophenol	43		%	01/17/13	KCA	30 - 130 %	

Project ID: 700 E241ST ST
Client ID: B3 10-12

Phoenix I.D.: BD20308

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
% Nitrobenzene-d5	25		%	01/17/13	KCA	30 - 130 %	3
% Phenol-d5	42		%	01/17/13	KCA	30 - 130 %	
% Terphenyl-d14	41		%	01/17/13	KCA	30 - 130 %	

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
1P = This parameter is pending certification by NY NELAC for this matrix.
1O = This parameter is not certified by NY NELAC for this matrix.
3 = This parameter exceeds laboratory specified limits.
B = Present in blank, no bias suspected.

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

Comments:

* Poor surrogate recovery was observed for semivolatiles. The other surrogates associated with this sample were within QA/QC criteria. No significant bias suspected.

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

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

Phyllis Shiller, Laboratory Director
January 23, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Project ID: 700 E241ST ST
Client ID: B4 5-7

Phoenix I.D.: BD20309

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND	13	ug/Kg	01/17/13	H/J	SW8260	
1,1-Dichloropropene	ND	13	ug/Kg	01/17/13	H/J	SW8260	
1,2,3-Trichlorobenzene	ND	13	ug/Kg	01/17/13	H/J	SW8260	LP
1,2,3-Trichloropropane	ND	13	ug/Kg	01/17/13	H/J	SW8260	
1,2,4-Trichlorobenzene	ND	13	ug/Kg	01/17/13	H/J	SW8260	
1,2,4-Trimethylbenzene	1100	300	ug/Kg	01/17/13	H/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	13	ug/Kg	01/17/13	H/J	SW8260	
1,2-Dibromoethane	ND	13	ug/Kg	01/17/13	H/J	SW8260	LP
1,2-Dichlorobenzene	ND	13	ug/Kg	01/17/13	H/J	SW8260	
1,2-Dichloroethane	ND	13	ug/Kg	01/17/13	H/J	SW8260	
1,2-Dichloropropane	ND	13	ug/Kg	01/17/13	H/J	SW8260	
1,3,5-Trimethylbenzene	640	300	ug/Kg	01/17/13	H/J	SW8260	
1,3-Dichlorobenzene	ND	13	ug/Kg	01/17/13	H/J	SW8260	
1,3-Dichloropropane	ND	13	ug/Kg	01/17/13	H/J	SW8260	
1,4-Dichlorobenzene	ND	13	ug/Kg	01/17/13	H/J	SW8260	
2,2-Dichloropropane	ND	13	ug/Kg	01/17/13	H/J	SW8260	
2-Chlorotoluene	ND	13	ug/Kg	01/17/13	H/J	SW8260	
2-Hexanone	ND	64	ug/Kg	01/17/13	H/J	SW8260	
2-Isopropyltoluene	ND	13	ug/Kg	01/17/13	H/J	SW8260	1
4-Chlorotoluene	ND	13	ug/Kg	01/17/13	H/J	SW8260	
4-Methyl-2-pentanone	ND	64	ug/Kg	01/17/13	H/J	SW8260	
Acetone	110	100	ug/Kg	01/17/13	H/J	SW8260	
Acrylonitrile	ND	13	ug/Kg	01/17/13	H/J	SW8260	
Benzene	46	13	ug/Kg	01/17/13	H/J	SW8260	
Bromobenzene	ND	13	ug/Kg	01/17/13	H/J	SW8260	
Bromochloromethane	ND	13	ug/Kg	01/17/13	H/J	SW8260	
Bromodichloromethane	ND	13	ug/Kg	01/17/13	H/J	SW8260	
Bromoform	ND	13	ug/Kg	01/17/13	H/J	SW8260	
Bromomethane	ND	13	ug/Kg	01/17/13	H/J	SW8260	B
Carbon Disulfide	ND	13	ug/Kg	01/17/13	H/J	SW8260	
Carbon tetrachloride	ND	13	ug/Kg	01/17/13	H/J	SW8260	
Chlorobenzene	ND	13	ug/Kg	01/17/13	H/J	SW8260	
Chloroethane	ND	13	ug/Kg	01/17/13	H/J	SW8260	
Chloroform	ND	13	ug/Kg	01/17/13	H/J	SW8260	
Chloromethane	ND	13	ug/Kg	01/17/13	H/J	SW8260	
cis-1,2-Dichloroethene	ND	13	ug/Kg	01/17/13	H/J	SW8260	
cis-1,3-Dichloropropene	ND	13	ug/Kg	01/17/13	H/J	SW8260	1
Dibromochloromethane	ND	7.7	ug/Kg	01/17/13	H/J	SW8260	
Dibromomethane	ND	13	ug/Kg	01/17/13	H/J	SW8260	
Dichlorodifluoromethane	ND	13	ug/Kg	01/17/13	H/J	SW8260	
Ethylbenzene	350	300	ug/Kg	01/17/13	H/J	SW8260	
Hexachlorobutadiene	ND	13	ug/Kg	01/17/13	H/J	SW8260	LP
Isopropylbenzene	61	13	ug/Kg	01/17/13	H/J	SW8260	
m&p-Xylene	1200	300	ug/Kg	01/17/13	H/J	SW8260	
Methyl Ethyl Ketone	ND	77	ug/Kg	01/17/13	H/J	SW8260	
Methyl t-butyl ether (MTBE)	41	26	ug/Kg	01/17/13	H/J	SW8260	
Methylene chloride	ND	20	ug/Kg	01/17/13	H/J	SW8260	
Naphthalene	32	13	ug/Kg	01/17/13	H/J	SW8260	
n-Butylbenzene	24	13	ug/Kg	01/17/13	H/J	SW8260	
n-Propylbenzene	340	300	ug/Kg	01/17/13	H/J	SW8260	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
o-Xylene	350	300	ug/Kg	01/17/13	H/J	SW8260	
p-Isopropyltoluene	ND	13	ug/Kg	01/17/13	H/J	SW8260	
sec-Butylbenzene	13	13	ug/Kg	01/17/13	H/J	SW8260	
Styrene	ND	13	ug/Kg	01/17/13	H/J	SW8260	
tert-Butylbenzene	ND	13	ug/Kg	01/17/13	H/J	SW8260	
Tetrachloroethene	ND	13	ug/Kg	01/17/13	H/J	SW8260	
Tetrahydrofuran (THF)	ND	26	ug/Kg	01/17/13	H/J	SW8260	1
Toluene	570	300	ug/Kg	01/17/13	H/J	SW8260	
Total Xylenes	1550	13	ug/Kg	01/17/13	H/J	SW8260	
trans-1,2-Dichloroethene	ND	13	ug/Kg	01/17/13	H/J	SW8260	
trans-1,3-Dichloropropene	ND	13	ug/Kg	01/17/13	H/J	SW8260	
trans-1,4-dichloro-2-butene	ND	26	ug/Kg	01/17/13	H/J	SW8260	
Trichloroethene	ND	13	ug/Kg	01/17/13	H/J	SW8260	
Trichlorofluoromethane	ND	13	ug/Kg	01/17/13	H/J	SW8260	
Trichlorotrifluoroethane	ND	13	ug/Kg	01/17/13	H/J	SW8260	
Vinyl chloride	ND	13	ug/Kg	01/17/13	H/J	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	96		%	01/17/13	H/J	70 - 130 %	
% Bromofluorobenzene	88		%	01/17/13	H/J	70 - 130 %	
% Dibromofluoromethane	102		%	01/17/13	H/J	70 - 130 %	
% Toluene-d8	91		%	01/17/13	H/J	70 - 130 %	
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
1,2,4-Trichlorobenzene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
1,2-Dichlorobenzene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
1,2-Diphenylhydrazine	ND	410	ug/Kg	01/17/13	KCA	SW 8270	
1,3-Dichlorobenzene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
1,4-Dichlorobenzene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
2,4,5-Trichlorophenol	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
2,4,6-Trichlorophenol	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dichlorophenol	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dimethylphenol	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dinitrophenol	ND	660	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dinitrotoluene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
2,6-Dinitrotoluene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
2-Chloronaphthalene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
2-Chlorophenol	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
2-Methylnaphthalene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
2-Methylphenol (o-cresol)	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
2-Nitroaniline	ND	660	ug/Kg	01/17/13	KCA	SW 8270	
2-Nitrophenol	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	410	ug/Kg	01/17/13	KCA	SW 8270	
3,3'-Dichlorobenzidine	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
3-Nitroaniline	ND	660	ug/Kg	01/17/13	KCA	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1200	ug/Kg	01/17/13	KCA	SW 8270	
4-Bromophenyl phenyl ether	ND	410	ug/Kg	01/17/13	KCA	SW 8270	
4-Chloro-3-methylphenol	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
4-Chloroaniline	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
4-Chlorophenyl phenyl ether	ND	290	ug/Kg	01/17/13	KCA	SW 8270	

Project ID: 700 E241ST ST
Client ID: B4 5-7

Phoenix I.D.: BD20309

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND	660	ug/Kg	01/17/13	KCA	SW 8270	
4-Nitrophenol	ND	1200	ug/Kg	01/17/13	KCA	SW 8270	
Acenaphthene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Acenaphthylene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Acetophenone	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Aniline	ND	1200	ug/Kg	01/17/13	KCA	SW 8270	
Anthracene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Benz(a)anthracene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Benzidine	ND	500	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(a)pyrene	330	290	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(b)fluoranthene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(ghi)perylene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(k)fluoranthene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Benzoic acid	ND	1200	ug/Kg	01/17/13	KCA	SW 8270	LO
Benzyl butyl phthalate	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-chloroethoxy)methane	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-chloroethyl)ether	ND	410	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-chloroisopropyl)ether	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-ethylhexyl)phthalate	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Carbazole	ND	620	ug/Kg	01/17/13	KCA	SW 8270	
Chrysene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Dibenz(a,h)anthracene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Dibenzofuran	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Diethyl phthalate	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Dimethylphthalate	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Di-n-butylphthalate	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Di-n-octylphthalate	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Fluoranthene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Fluorene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Hexachlorobenzene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Hexachlorobutadiene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Hexachlorocyclopentadiene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Hexachloroethane	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Isophorone	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Naphthalene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Nitrobenzene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
N-Nitrosodimethylamine	ND	410	ug/Kg	01/17/13	KCA	SW 8270	
N-Nitrosodi-n-propylamine	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
N-Nitrosodiphenylamine	ND	410	ug/Kg	01/17/13	KCA	SW 8270	
Pentachloronitrobenzene	ND	410	ug/Kg	01/17/13	KCA	SW 8270	
Pentachlorophenol	ND	410	ug/Kg	01/17/13	KCA	SW 8270	
Phenanthrene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Phenol	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Pyrene	ND	290	ug/Kg	01/17/13	KCA	SW 8270	
Pyridine	ND	410	ug/Kg	01/17/13	KCA	SW 8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	76		%	01/17/13	KCA	30 - 130 %	
% 2-Fluorobiphenyl	50		%	01/17/13	KCA	30 - 130 %	
% 2-Fluorophenol	75		%	01/17/13	KCA	30 - 130 %	

Project ID: 700 E241ST ST
Client ID: B4 5-7

Phoenix I.D.: BD20309

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	52		%	01/17/13	KCA	30 - 130 %
% Phenol-d5	77		%	01/17/13	KCA	30 - 130 %
% Terphenyl-d14	74		%	01/17/13	KCA	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
1P = This parameter is pending certification by NY NELAC for this matrix.
1O = This parameter is not certified by NY NELAC for this matrix.
B = Present in blank, no bias suspected.

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

Comments:

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
January 23, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Project ID: 700 E241ST ST
Client ID: B5 10-12

Phoenix I.D.: BD20310

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
1,1-Dichloropropene	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND	1300	ug/Kg	01/17/13	R/J	SW8260	LP
1,2,3-Trichloropropane	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
1,2,4-Trimethylbenzene	48000	3200	ug/Kg	01/17/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
1,2-Dibromoethane	ND	1300	ug/Kg	01/17/13	R/J	SW8260	LP
1,2-Dichlorobenzene	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
1,2-Dichloroethane	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
1,2-Dichloropropane	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
1,3,5-Trimethylbenzene	20000	1300	ug/Kg	01/17/13	R/J	SW8260	
1,3-Dichlorobenzene	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
1,3-Dichloropropane	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
1,4-Dichlorobenzene	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
2,2-Dichloropropane	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
2-Chlorotoluene	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
2-Hexanone	ND	6300	ug/Kg	01/17/13	R/J	SW8260	
2-Isopropyltoluene	ND	1300	ug/Kg	01/17/13	R/J	SW8260	1
4-Chlorotoluene	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
4-Methyl-2-pentanone	ND	6300	ug/Kg	01/17/13	R/J	SW8260	
Acetone	ND	25000	ug/Kg	01/17/13	R/J	SW8260	
Acrylonitrile	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
Benzene	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
Bromobenzene	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
Bromochloromethane	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
Bromodichloromethane	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
Bromoform	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
Bromomethane	ND	1300	ug/Kg	01/17/13	R/J	SW8260	B
Carbon Disulfide	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
Carbon tetrachloride	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
Chlorobenzene	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
Chloroethane	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
Chloroform	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
Chloromethane	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND	1300	ug/Kg	01/17/13	R/J	SW8260	1
Dibromochloromethane	ND	760	ug/Kg	01/17/13	R/J	SW8260	
Dibromomethane	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
Dichlorodifluoromethane	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
Ethylbenzene	7300	1300	ug/Kg	01/17/13	R/J	SW8260	
Hexachlorobutadiene	ND	1300	ug/Kg	01/17/13	R/J	SW8260	LP
Isopropylbenzene	1800	1300	ug/Kg	01/17/13	R/J	SW8260	
m&p-Xylene	26000	1300	ug/Kg	01/17/13	R/J	SW8260	
Methyl Ethyl Ketone	ND	7600	ug/Kg	01/17/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	2500	ug/Kg	01/17/13	R/J	SW8260	
Methylene chloride	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
Naphthalene	4500	1300	ug/Kg	01/17/13	R/J	SW8260	
n-Butylbenzene	3400	1300	ug/Kg	01/17/13	R/J	SW8260	
n-Propylbenzene	9100	1300	ug/Kg	01/17/13	R/J	SW8260	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
o-Xylene	7300	1300	ug/Kg	01/17/13	R/J	SW8260	
p-Isopropyltoluene	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
sec-Butylbenzene	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
Styrene	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
tert-Butylbenzene	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
Tetrachloroethene	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND	2500	ug/Kg	01/17/13	R/J	SW8260	1
Toluene	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
Total Xylenes	33300	1300	ug/Kg	01/17/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	2500	ug/Kg	01/17/13	R/J	SW8260	
Trichloroethene	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
Trichlorofluoromethane	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
Trichlorotrifluoroethane	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
Vinyl chloride	ND	1300	ug/Kg	01/17/13	R/J	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	01/17/13	R/J	70 - 130 %	
% Bromofluorobenzene	105		%	01/17/13	R/J	70 - 130 %	
% Dibromofluoromethane	98		%	01/17/13	R/J	70 - 130 %	
% Toluene-d8	101		%	01/17/13	R/J	70 - 130 %	
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
1,2,4-Trichlorobenzene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
1,2-Dichlorobenzene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
1,2-Diphenylhydrazine	ND	400	ug/Kg	01/17/13	KCA	SW 8270	
1,3-Dichlorobenzene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
1,4-Dichlorobenzene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
2,4,5-Trichlorophenol	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
2,4,6-Trichlorophenol	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dichlorophenol	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dimethylphenol	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dinitrophenol	ND	630	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dinitrotoluene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
2,6-Dinitrotoluene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
2-Chloronaphthalene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
2-Chlorophenol	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
2-Methylnaphthalene	4400	280	ug/Kg	01/17/13	KCA	SW 8270	
2-Methylphenol (o-cresol)	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
2-Nitroaniline	ND	630	ug/Kg	01/17/13	KCA	SW 8270	
2-Nitrophenol	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	400	ug/Kg	01/17/13	KCA	SW 8270	
3,3'-Dichlorobenzidine	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
3-Nitroaniline	ND	630	ug/Kg	01/17/13	KCA	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	01/17/13	KCA	SW 8270	
4-Bromophenyl phenyl ether	ND	400	ug/Kg	01/17/13	KCA	SW 8270	
4-Chloro-3-methylphenol	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
4-Chloroaniline	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
4-Chlorophenyl phenyl ether	ND	280	ug/Kg	01/17/13	KCA	SW 8270	

Project ID: 700 E241ST ST
Client ID: B5 10-12

Phoenix I.D.: BD20310

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND	630	ug/Kg	01/17/13	KCA	SW 8270	
4-Nitrophenol	ND	1100	ug/Kg	01/17/13	KCA	SW 8270	
Acenaphthene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Acenaphthylene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Acetophenone	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Aniline	ND	1100	ug/Kg	01/17/13	KCA	SW 8270	
Anthracene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Benz(a)anthracene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Benzidine	ND	480	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(a)pyrene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(b)fluoranthene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(ghi)perylene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(k)fluoranthene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Benzoic acid	ND	1100	ug/Kg	01/17/13	KCA	SW 8270	LO
Benzyl butyl phthalate	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-chloroethoxy)methane	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-chloroethyl)ether	ND	400	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-chloroisopropyl)ether	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-ethylhexyl)phthalate	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Carbazole	ND	590	ug/Kg	01/17/13	KCA	SW 8270	
Chrysene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Dibenz(a,h)anthracene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Dibenzofuran	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Diethyl phthalate	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Dimethylphthalate	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Di-n-butylphthalate	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Di-n-octylphthalate	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Fluoranthene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Fluorene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Hexachlorobenzene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Hexachlorobutadiene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Hexachlorocyclopentadiene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Hexachloroethane	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Isophorone	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Naphthalene	2800	280	ug/Kg	01/17/13	KCA	SW 8270	
Nitrobenzene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
N-Nitrosodimethylamine	ND	400	ug/Kg	01/17/13	KCA	SW 8270	
N-Nitrosodi-n-propylamine	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
N-Nitrosodiphenylamine	ND	400	ug/Kg	01/17/13	KCA	SW 8270	
Pentachloronitrobenzene	ND	400	ug/Kg	01/17/13	KCA	SW 8270	
Pentachlorophenol	ND	400	ug/Kg	01/17/13	KCA	SW 8270	
Phenanthrene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Phenol	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Pyrene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Pyridine	ND	400	ug/Kg	01/17/13	KCA	SW 8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	86		%	01/17/13	KCA	30 - 130 %	
% 2-Fluorobiphenyl	68		%	01/17/13	KCA	30 - 130 %	
% 2-Fluorophenol	91		%	01/17/13	KCA	30 - 130 %	

Project ID: 700 E241ST ST
Client ID: B5 10-12

Phoenix I.D.: BD20310

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	81		%	01/17/13	KCA	30 - 130 %
% Phenol-d5	91		%	01/17/13	KCA	30 - 130 %
% Terphenyl-d14	83		%	01/17/13	KCA	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
1P = This parameter is pending certification by NY NELAC for this matrix.
1O = This parameter is not certified by NY NELAC for this matrix.
B = Present in blank, no bias suspected.

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

Comments:

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
January 23, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Project ID: 700 E241ST ST
Client ID: B6 3-5

Phoenix I.D.: BD20311

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND	13	ug/Kg	01/17/13	R/J	SW8260	
1,1-Dichloropropene	ND	13	ug/Kg	01/17/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND	13	ug/Kg	01/17/13	R/J	SW8260	LP
1,2,3-Trichloropropane	ND	13	ug/Kg	01/17/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND	13	ug/Kg	01/17/13	R/J	SW8260	
1,2,4-Trimethylbenzene	17	13	ug/Kg	01/17/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	13	ug/Kg	01/17/13	R/J	SW8260	
1,2-Dibromoethane	ND	13	ug/Kg	01/17/13	R/J	SW8260	LP
1,2-Dichlorobenzene	ND	13	ug/Kg	01/17/13	R/J	SW8260	
1,2-Dichloroethane	ND	13	ug/Kg	01/17/13	R/J	SW8260	
1,2-Dichloropropane	ND	13	ug/Kg	01/17/13	R/J	SW8260	
1,3,5-Trimethylbenzene	ND	13	ug/Kg	01/17/13	R/J	SW8260	
1,3-Dichlorobenzene	ND	13	ug/Kg	01/17/13	R/J	SW8260	
1,3-Dichloropropane	ND	13	ug/Kg	01/17/13	R/J	SW8260	
1,4-Dichlorobenzene	ND	13	ug/Kg	01/17/13	R/J	SW8260	
2,2-Dichloropropane	ND	13	ug/Kg	01/17/13	R/J	SW8260	
2-Chlorotoluene	ND	13	ug/Kg	01/17/13	R/J	SW8260	
2-Hexanone	ND	64	ug/Kg	01/17/13	R/J	SW8260	
2-Isopropyltoluene	ND	13	ug/Kg	01/17/13	R/J	SW8260	1
4-Chlorotoluene	ND	13	ug/Kg	01/17/13	R/J	SW8260	
4-Methyl-2-pentanone	ND	64	ug/Kg	01/17/13	R/J	SW8260	
Acetone	170	130	ug/Kg	01/17/13	R/J	SW8260	
Acrylonitrile	ND	13	ug/Kg	01/17/13	R/J	SW8260	
Benzene	ND	13	ug/Kg	01/17/13	R/J	SW8260	
Bromobenzene	ND	13	ug/Kg	01/17/13	R/J	SW8260	
Bromochloromethane	ND	13	ug/Kg	01/17/13	R/J	SW8260	
Bromodichloromethane	ND	13	ug/Kg	01/17/13	R/J	SW8260	
Bromoform	ND	13	ug/Kg	01/17/13	R/J	SW8260	
Bromomethane	ND	13	ug/Kg	01/17/13	R/J	SW8260	
Carbon Disulfide	ND	13	ug/Kg	01/17/13	R/J	SW8260	
Carbon tetrachloride	ND	13	ug/Kg	01/17/13	R/J	SW8260	
Chlorobenzene	ND	13	ug/Kg	01/17/13	R/J	SW8260	
Chloroethane	ND	13	ug/Kg	01/17/13	R/J	SW8260	
Chloroform	ND	13	ug/Kg	01/17/13	R/J	SW8260	
Chloromethane	ND	13	ug/Kg	01/17/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND	13	ug/Kg	01/17/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND	13	ug/Kg	01/17/13	R/J	SW8260	1
Dibromochloromethane	ND	7.7	ug/Kg	01/17/13	R/J	SW8260	
Dibromomethane	ND	13	ug/Kg	01/17/13	R/J	SW8260	
Dichlorodifluoromethane	ND	13	ug/Kg	01/17/13	R/J	SW8260	
Ethylbenzene	ND	13	ug/Kg	01/17/13	R/J	SW8260	
Hexachlorobutadiene	ND	13	ug/Kg	01/17/13	R/J	SW8260	LP
Isopropylbenzene	ND	13	ug/Kg	01/17/13	R/J	SW8260	
m&p-Xylene	14	13	ug/Kg	01/17/13	R/J	SW8260	
Methyl Ethyl Ketone	ND	77	ug/Kg	01/17/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	26	ug/Kg	01/17/13	R/J	SW8260	
Methylene chloride	ND	13	ug/Kg	01/17/13	R/J	SW8260	
Naphthalene	ND	13	ug/Kg	01/17/13	R/J	SW8260	
n-Butylbenzene	ND	13	ug/Kg	01/17/13	R/J	SW8260	
n-Propylbenzene	ND	13	ug/Kg	01/17/13	R/J	SW8260	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
o-Xylene	ND	13	ug/Kg	01/17/13	R/J	SW8260	
p-Isopropyltoluene	ND	13	ug/Kg	01/17/13	R/J	SW8260	
sec-Butylbenzene	ND	13	ug/Kg	01/17/13	R/J	SW8260	
Styrene	ND	13	ug/Kg	01/17/13	R/J	SW8260	
tert-Butylbenzene	ND	13	ug/Kg	01/17/13	R/J	SW8260	
Tetrachloroethene	ND	13	ug/Kg	01/17/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND	26	ug/Kg	01/17/13	R/J	SW8260	1
Toluene	ND	13	ug/Kg	01/17/13	R/J	SW8260	
Total Xylenes	14	13	ug/Kg	01/17/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND	13	ug/Kg	01/17/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND	13	ug/Kg	01/17/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	26	ug/Kg	01/17/13	R/J	SW8260	
Trichloroethene	ND	13	ug/Kg	01/17/13	R/J	SW8260	
Trichlorofluoromethane	ND	13	ug/Kg	01/17/13	R/J	SW8260	
Trichlorotrifluoroethane	ND	13	ug/Kg	01/17/13	R/J	SW8260	
Vinyl chloride	ND	13	ug/Kg	01/17/13	R/J	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	01/17/13	R/J	70 - 130 %	
% Bromofluorobenzene	92		%	01/17/13	R/J	70 - 130 %	
% Dibromofluoromethane	101		%	01/17/13	R/J	70 - 130 %	
% Toluene-d8	101		%	01/17/13	R/J	70 - 130 %	
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
1,2,4-Trichlorobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
1,2-Dichlorobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
1,2-Diphenylhydrazine	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
1,3-Dichlorobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
1,4-Dichlorobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2,4,5-Trichlorophenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2,4,6-Trichlorophenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dichlorophenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dimethylphenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dinitrophenol	ND	630	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dinitrotoluene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2,6-Dinitrotoluene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2-Chloronaphthalene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2-Chlorophenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2-Methylnaphthalene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2-Methylphenol (o-cresol)	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2-Nitroaniline	ND	630	ug/Kg	01/17/13	KCA	SW 8270	
2-Nitrophenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
3,3'-Dichlorobenzidine	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
3-Nitroaniline	ND	630	ug/Kg	01/17/13	KCA	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	01/17/13	KCA	SW 8270	
4-Bromophenyl phenyl ether	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
4-Chloro-3-methylphenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
4-Chloroaniline	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
4-Chlorophenyl phenyl ether	ND	270	ug/Kg	01/17/13	KCA	SW 8270	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND	630	ug/Kg	01/17/13	KCA	SW 8270	
4-Nitrophenol	ND	1100	ug/Kg	01/17/13	KCA	SW 8270	
Acenaphthene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Acenaphthylene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Acetophenone	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Aniline	ND	1100	ug/Kg	01/17/13	KCA	SW 8270	
Anthracene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benz(a)anthracene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benzidine	ND	470	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(a)pyrene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(b)fluoranthene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(ghi)perylene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(k)fluoranthene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benzoic acid	ND	1100	ug/Kg	01/17/13	KCA	SW 8270	LO
Benzyl butyl phthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-chloroethoxy)methane	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-chloroethyl)ether	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-chloroisopropyl)ether	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-ethylhexyl)phthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Carbazole	ND	590	ug/Kg	01/17/13	KCA	SW 8270	
Chrysene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Dibenz(a,h)anthracene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Dibenzofuran	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Diethyl phthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Dimethylphthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Di-n-butylphthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Di-n-octylphthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Fluoranthene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Fluorene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Hexachlorobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Hexachlorobutadiene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Hexachlorocyclopentadiene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Hexachloroethane	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Isophorone	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Naphthalene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Nitrobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
N-Nitrosodimethylamine	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
N-Nitrosodi-n-propylamine	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
N-Nitrosodiphenylamine	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
Pentachloronitrobenzene	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
Pentachlorophenol	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
Phenanthrene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Phenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Pyrene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Pyridine	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	80		%	01/17/13	KCA	30 - 130 %	
% 2-Fluorobiphenyl	61		%	01/17/13	KCA	30 - 130 %	
% 2-Fluorophenol	76		%	01/17/13	KCA	30 - 130 %	

Project ID: 700 E241ST ST
Client ID: B6 3-5

Phoenix I.D.: BD20311

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	64		%	01/17/13	KCA	30 - 130 %
% Phenol-d5	75		%	01/17/13	KCA	30 - 130 %
% Terphenyl-d14	82		%	01/17/13	KCA	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
1P = This parameter is pending certification by NY NELAC for this matrix.
1O = This parameter is not certified by NY NELAC for this matrix.

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

Comments:

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
January 23, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Project ID: 700 E241ST ST
Client ID: B7 10-12

Phoenix I.D.: BD20312

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
1,1-Dichloropropene	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	LP
1,2,3-Trichloropropane	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
1,2,4-Trimethylbenzene	9.0	4.5	ug/Kg	01/17/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
1,2-Dibromoethane	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	LP
1,2-Dichlorobenzene	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
1,2-Dichloroethane	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
1,2-Dichloropropane	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
1,3,5-Trimethylbenzene	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
1,3-Dichlorobenzene	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
1,3-Dichloropropane	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
1,4-Dichlorobenzene	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
2,2-Dichloropropane	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
2-Chlorotoluene	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
2-Hexanone	ND	22	ug/Kg	01/17/13	R/J	SW8260	
2-Isopropyltoluene	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	1
4-Chlorotoluene	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
4-Methyl-2-pentanone	ND	22	ug/Kg	01/17/13	R/J	SW8260	
Acetone	ND	9.0	ug/Kg	01/17/13	R/J	SW8260	
Acrylonitrile	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
Benzene	28	4.5	ug/Kg	01/17/13	R/J	SW8260	
Bromobenzene	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
Bromochloromethane	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
Bromodichloromethane	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
Bromoform	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
Bromomethane	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
Carbon Disulfide	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
Carbon tetrachloride	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
Chlorobenzene	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
Chloroethane	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
Chloroform	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
Chloromethane	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	1
Dibromochloromethane	ND	2.7	ug/Kg	01/17/13	R/J	SW8260	
Dibromomethane	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
Dichlorodifluoromethane	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
Ethylbenzene	18	4.5	ug/Kg	01/17/13	R/J	SW8260	
Hexachlorobutadiene	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	LP
Isopropylbenzene	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
m&p-Xylene	47	4.5	ug/Kg	01/17/13	R/J	SW8260	
Methyl Ethyl Ketone	ND	27	ug/Kg	01/17/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	65	9.0	ug/Kg	01/17/13	R/J	SW8260	
Methylene chloride	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
Naphthalene	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
n-Butylbenzene	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
n-Propylbenzene	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
o-Xylene	24	4.5	ug/Kg	01/17/13	R/J	SW8260	
p-Isopropyltoluene	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
sec-Butylbenzene	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
Styrene	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
tert-Butylbenzene	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
Tetrachloroethene	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND	9.0	ug/Kg	01/17/13	R/J	SW8260	1
Toluene	97	4.5	ug/Kg	01/17/13	R/J	SW8260	
Total Xylenes	71	4.5	ug/Kg	01/17/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	9.0	ug/Kg	01/17/13	R/J	SW8260	
Trichloroethene	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
Trichlorofluoromethane	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
Trichlorotrifluoroethane	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
Vinyl chloride	ND	4.5	ug/Kg	01/17/13	R/J	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	01/17/13	R/J	70 - 130 %	
% Bromofluorobenzene	101		%	01/17/13	R/J	70 - 130 %	
% Dibromofluoromethane	102		%	01/17/13	R/J	70 - 130 %	
% Toluene-d8	101		%	01/17/13	R/J	70 - 130 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
1,2,4-Trichlorobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
1,2-Dichlorobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
1,2-Diphenylhydrazine	ND	380	ug/Kg	01/17/13	KCA	SW 8270	
1,3-Dichlorobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
1,4-Dichlorobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2,4,5-Trichlorophenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2,4,6-Trichlorophenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dichlorophenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dimethylphenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dinitrophenol	ND	610	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dinitrotoluene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2,6-Dinitrotoluene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2-Chloronaphthalene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2-Chlorophenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2-Methylnaphthalene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2-Methylphenol (o-cresol)	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2-Nitroaniline	ND	610	ug/Kg	01/17/13	KCA	SW 8270	
2-Nitrophenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	380	ug/Kg	01/17/13	KCA	SW 8270	
3,3'-Dichlorobenzidine	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
3-Nitroaniline	ND	610	ug/Kg	01/17/13	KCA	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	01/17/13	KCA	SW 8270	
4-Bromophenyl phenyl ether	ND	380	ug/Kg	01/17/13	KCA	SW 8270	
4-Chloro-3-methylphenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
4-Chloroaniline	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
4-Chlorophenyl phenyl ether	ND	270	ug/Kg	01/17/13	KCA	SW 8270	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND	610	ug/Kg	01/17/13	KCA	SW 8270	
4-Nitrophenol	ND	1100	ug/Kg	01/17/13	KCA	SW 8270	
Acenaphthene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Acenaphthylene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Acetophenone	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Aniline	ND	1100	ug/Kg	01/17/13	KCA	SW 8270	
Anthracene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benz(a)anthracene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benzidine	ND	460	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(a)pyrene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(b)fluoranthene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(ghi)perylene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(k)fluoranthene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benzoic acid	ND	1100	ug/Kg	01/17/13	KCA	SW 8270	LO
Benzyl butyl phthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-chloroethoxy)methane	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-chloroethyl)ether	ND	380	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-chloroisopropyl)ether	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-ethylhexyl)phthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Carbazole	ND	570	ug/Kg	01/17/13	KCA	SW 8270	
Chrysene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Dibenz(a,h)anthracene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Dibenzofuran	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Diethyl phthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Dimethylphthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Di-n-butylphthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Di-n-octylphthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Fluoranthene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Fluorene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Hexachlorobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Hexachlorobutadiene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Hexachlorocyclopentadiene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Hexachloroethane	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Isophorone	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Naphthalene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Nitrobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
N-Nitrosodimethylamine	ND	380	ug/Kg	01/17/13	KCA	SW 8270	
N-Nitrosodi-n-propylamine	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
N-Nitrosodiphenylamine	ND	380	ug/Kg	01/17/13	KCA	SW 8270	
Pentachloronitrobenzene	ND	380	ug/Kg	01/17/13	KCA	SW 8270	
Pentachlorophenol	ND	380	ug/Kg	01/17/13	KCA	SW 8270	
Phenanthrene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Phenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Pyrene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Pyridine	ND	380	ug/Kg	01/17/13	KCA	SW 8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	73		%	01/17/13	KCA	30 - 130 %	
% 2-Fluorobiphenyl	69		%	01/17/13	KCA	30 - 130 %	
% 2-Fluorophenol	71		%	01/17/13	KCA	30 - 130 %	

Project ID: 700 E241ST ST
Client ID: B7 10-12

Phoenix I.D.: BD20312

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	74		%	01/17/13	KCA	30 - 130 %
% Phenol-d5	72		%	01/17/13	KCA	30 - 130 %
% Terphenyl-d14	82		%	01/17/13	KCA	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
1P = This parameter is pending certification by NY NELAC for this matrix.
1O = This parameter is not certified by NY NELAC for this matrix.

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

Comments:

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
January 23, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Project ID: 700 E241ST ST
Client ID: B8 13-15

Phoenix I.D.: BD20313

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
1,1-Dichloropropene	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	LP
1,2,3-Trichloropropane	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
1,2,4-Trimethylbenzene	30	5.7	ug/Kg	01/17/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
1,2-Dibromoethane	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	LP
1,2-Dichlorobenzene	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
1,2-Dichloroethane	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
1,2-Dichloropropane	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
1,3,5-Trimethylbenzene	10	5.7	ug/Kg	01/17/13	R/J	SW8260	
1,3-Dichlorobenzene	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
1,3-Dichloropropane	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
1,4-Dichlorobenzene	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
2,2-Dichloropropane	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
2-Chlorotoluene	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
2-Hexanone	ND	29	ug/Kg	01/17/13	R/J	SW8260	
2-Isopropyltoluene	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	1
4-Chlorotoluene	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
4-Methyl-2-pentanone	ND	29	ug/Kg	01/17/13	R/J	SW8260	
Acetone	ND	11	ug/Kg	01/17/13	R/J	SW8260	
Acrylonitrile	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
Benzene	24	5.7	ug/Kg	01/17/13	R/J	SW8260	
Bromobenzene	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
Bromochloromethane	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
Bromodichloromethane	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
Bromoform	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
Bromomethane	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
Carbon Disulfide	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
Carbon tetrachloride	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
Chlorobenzene	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
Chloroethane	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
Chloroform	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
Chloromethane	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	1
Dibromochloromethane	ND	3.4	ug/Kg	01/17/13	R/J	SW8260	
Dibromomethane	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
Dichlorodifluoromethane	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
Ethylbenzene	38	5.7	ug/Kg	01/17/13	R/J	SW8260	
Hexachlorobutadiene	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	LP
Isopropylbenzene	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
m&p-Xylene	110	5.7	ug/Kg	01/17/13	R/J	SW8260	
Methyl Ethyl Ketone	ND	34	ug/Kg	01/17/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	67	11	ug/Kg	01/17/13	R/J	SW8260	
Methylene chloride	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
Naphthalene	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
n-Butylbenzene	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
n-Propylbenzene	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
o-Xylene	47	5.7	ug/Kg	01/17/13	R/J	SW8260	
p-Isopropyltoluene	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
sec-Butylbenzene	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
Styrene	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
tert-Butylbenzene	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
Tetrachloroethene	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND	11	ug/Kg	01/17/13	R/J	SW8260	1
Toluene	120	5.7	ug/Kg	01/17/13	R/J	SW8260	
Total Xylenes	157	5.7	ug/Kg	01/17/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	01/17/13	R/J	SW8260	
Trichloroethene	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
Trichlorofluoromethane	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
Trichlorotrifluoroethane	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
Vinyl chloride	ND	5.7	ug/Kg	01/17/13	R/J	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	01/17/13	R/J	70 - 130 %	
% Bromofluorobenzene	99		%	01/17/13	R/J	70 - 130 %	
% Dibromofluoromethane	102		%	01/17/13	R/J	70 - 130 %	
% Toluene-d8	102		%	01/17/13	R/J	70 - 130 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
1,2,4-Trichlorobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
1,2-Dichlorobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
1,2-Diphenylhydrazine	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
1,3-Dichlorobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
1,4-Dichlorobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2,4,5-Trichlorophenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2,4,6-Trichlorophenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dichlorophenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dimethylphenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dinitrophenol	ND	620	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dinitrotoluene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2,6-Dinitrotoluene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2-Chloronaphthalene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2-Chlorophenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2-Methylnaphthalene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2-Methylphenol (o-cresol)	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2-Nitroaniline	ND	620	ug/Kg	01/17/13	KCA	SW 8270	
2-Nitrophenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
3,3'-Dichlorobenzidine	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
3-Nitroaniline	ND	620	ug/Kg	01/17/13	KCA	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	01/17/13	KCA	SW 8270	
4-Bromophenyl phenyl ether	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
4-Chloro-3-methylphenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
4-Chloroaniline	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
4-Chlorophenyl phenyl ether	ND	270	ug/Kg	01/17/13	KCA	SW 8270	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND	620	ug/Kg	01/17/13	KCA	SW 8270	
4-Nitrophenol	ND	1100	ug/Kg	01/17/13	KCA	SW 8270	
Acenaphthene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Acenaphthylene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Acetophenone	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Aniline	ND	1100	ug/Kg	01/17/13	KCA	SW 8270	
Anthracene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benz(a)anthracene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benzidine	ND	460	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(a)pyrene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(b)fluoranthene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(ghi)perylene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(k)fluoranthene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benzoic acid	ND	1100	ug/Kg	01/17/13	KCA	SW 8270	LO
Benzyl butyl phthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-chloroethoxy)methane	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-chloroethyl)ether	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-chloroisopropyl)ether	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-ethylhexyl)phthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Carbazole	ND	580	ug/Kg	01/17/13	KCA	SW 8270	
Chrysene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Dibenz(a,h)anthracene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Dibenzofuran	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Diethyl phthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Dimethylphthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Di-n-butylphthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Di-n-octylphthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Fluoranthene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Fluorene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Hexachlorobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Hexachlorobutadiene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Hexachlorocyclopentadiene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Hexachloroethane	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Isophorone	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Naphthalene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Nitrobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
N-Nitrosodimethylamine	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
N-Nitrosodi-n-propylamine	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
N-Nitrosodiphenylamine	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
Pentachloronitrobenzene	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
Pentachlorophenol	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
Phenanthrene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Phenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Pyrene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Pyridine	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	74		%	01/17/13	KCA	30 - 130 %	
% 2-Fluorobiphenyl	73		%	01/17/13	KCA	30 - 130 %	
% 2-Fluorophenol	80		%	01/17/13	KCA	30 - 130 %	

Project ID: 700 E241ST ST
Client ID: B8 13-15

Phoenix I.D.: BD20313

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	76		%	01/17/13	KCA	30 - 130 %
% Phenol-d5	76		%	01/17/13	KCA	30 - 130 %
% Terphenyl-d14	83		%	01/17/13	KCA	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
1P = This parameter is pending certification by NY NELAC for this matrix.
1O = This parameter is not certified by NY NELAC for this matrix.

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

Comments:

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
January 23, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Project ID: 700 E241ST ST
Client ID: B9 12-14

Phoenix I.D.: BD20314

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
1,1-Dichloropropene	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	LP
1,2,3-Trichloropropane	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
1,2,4-Trimethylbenzene	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
1,2-Dibromoethane	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	LP
1,2-Dichlorobenzene	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
1,2-Dichloroethane	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
1,2-Dichloropropane	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
1,3,5-Trimethylbenzene	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
1,3-Dichlorobenzene	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
1,3-Dichloropropane	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
1,4-Dichlorobenzene	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
2,2-Dichloropropane	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
2-Chlorotoluene	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
2-Hexanone	ND	29	ug/Kg	01/21/13	R/J	SW8260	
2-Isopropyltoluene	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	1
4-Chlorotoluene	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
4-Methyl-2-pentanone	ND	29	ug/Kg	01/21/13	R/J	SW8260	
Acetone	ND	29	ug/Kg	01/21/13	R/J	SW8260	
Acrylonitrile	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
Benzene	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
Bromobenzene	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
Bromochloromethane	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
Bromodichloromethane	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
Bromoform	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
Bromomethane	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
Carbon Disulfide	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
Carbon tetrachloride	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
Chlorobenzene	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
Chloroethane	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
Chloroform	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
Chloromethane	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	1
Dibromochloromethane	ND	3.5	ug/Kg	01/21/13	R/J	SW8260	
Dibromomethane	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
Dichlorodifluoromethane	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
Ethylbenzene	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
Hexachlorobutadiene	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	LP
Isopropylbenzene	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
m&p-Xylene	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
Methyl Ethyl Ketone	ND	35	ug/Kg	01/21/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	01/21/13	R/J	SW8260	
Methylene chloride	ND	50	ug/Kg	01/21/13	R/J	SW8260	
Naphthalene	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
n-Butylbenzene	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
n-Propylbenzene	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
o-Xylene	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
p-Isopropyltoluene	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
sec-Butylbenzene	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
Styrene	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
tert-Butylbenzene	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
Tetrachloroethene	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND	12	ug/Kg	01/21/13	R/J	SW8260	1
Toluene	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
Total Xylenes	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	01/21/13	R/J	SW8260	
Trichloroethene	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
Trichlorofluoromethane	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
Trichlorotrifluoroethane	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
Vinyl chloride	ND	5.9	ug/Kg	01/21/13	R/J	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	01/21/13	R/J	70 - 130 %	
% Bromofluorobenzene	93		%	01/21/13	R/J	70 - 130 %	
% Dibromofluoromethane	92		%	01/21/13	R/J	70 - 130 %	
% Toluene-d8	97		%	01/21/13	R/J	70 - 130 %	
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
1,2,4-Trichlorobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
1,2-Dichlorobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
1,2-Diphenylhydrazine	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
1,3-Dichlorobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
1,4-Dichlorobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2,4,5-Trichlorophenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2,4,6-Trichlorophenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dichlorophenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dimethylphenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dinitrophenol	ND	620	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dinitrotoluene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2,6-Dinitrotoluene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2-Chloronaphthalene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2-Chlorophenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2-Methylnaphthalene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2-Methylphenol (o-cresol)	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
2-Nitroaniline	ND	620	ug/Kg	01/17/13	KCA	SW 8270	
2-Nitrophenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
3,3'-Dichlorobenzidine	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
3-Nitroaniline	ND	620	ug/Kg	01/17/13	KCA	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	01/17/13	KCA	SW 8270	
4-Bromophenyl phenyl ether	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
4-Chloro-3-methylphenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
4-Chloroaniline	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
4-Chlorophenyl phenyl ether	ND	270	ug/Kg	01/17/13	KCA	SW 8270	

Project ID: 700 E241ST ST
Client ID: B9 12-14

Phoenix I.D.: BD20314

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND	620	ug/Kg	01/17/13	KCA	SW 8270	
4-Nitrophenol	ND	1100	ug/Kg	01/17/13	KCA	SW 8270	
Acenaphthene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Acenaphthylene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Acetophenone	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Aniline	ND	1100	ug/Kg	01/17/13	KCA	SW 8270	
Anthracene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benz(a)anthracene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benzidine	ND	470	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(a)pyrene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(b)fluoranthene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(ghi)perylene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(k)fluoranthene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Benzoic acid	ND	1100	ug/Kg	01/17/13	KCA	SW 8270	LO
Benzyl butyl phthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-chloroethoxy)methane	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-chloroethyl)ether	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-chloroisopropyl)ether	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-ethylhexyl)phthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Carbazole	ND	580	ug/Kg	01/17/13	KCA	SW 8270	
Chrysene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Dibenz(a,h)anthracene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Dibenzofuran	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Diethyl phthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Dimethylphthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Di-n-butylphthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Di-n-octylphthalate	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Fluoranthene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Fluorene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Hexachlorobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Hexachlorobutadiene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Hexachlorocyclopentadiene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Hexachloroethane	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Isophorone	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Naphthalene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Nitrobenzene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
N-Nitrosodimethylamine	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
N-Nitrosodi-n-propylamine	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
N-Nitrosodiphenylamine	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
Pentachloronitrobenzene	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
Pentachlorophenol	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
Phenanthrene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Phenol	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Pyrene	ND	270	ug/Kg	01/17/13	KCA	SW 8270	
Pyridine	ND	390	ug/Kg	01/17/13	KCA	SW 8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	95		%	01/17/13	KCA	30 - 130 %	
% 2-Fluorobiphenyl	83		%	01/17/13	KCA	30 - 130 %	
% 2-Fluorophenol	84		%	01/17/13	KCA	30 - 130 %	

Project ID: 700 E241ST ST
Client ID: B9 12-14

Phoenix I.D.: BD20314

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	87		%	01/17/13	KCA	30 - 130 %
% Phenol-d5	89		%	01/17/13	KCA	30 - 130 %
% Terphenyl-d14	91		%	01/17/13	KCA	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
1P = This parameter is pending certification by NY NELAC for this matrix.
1O = This parameter is not certified by NY NELAC for this matrix.

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

Comments:

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
January 23, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Project ID: 700 E241ST ST
Client ID: DUPLICATE

Phoenix I.D.: BD20315

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND	310	ug/Kg	01/18/13	H/J	SW8260	
1,1-Dichloropropene	ND	310	ug/Kg	01/18/13	H/J	SW8260	
1,2,3-Trichlorobenzene	ND	310	ug/Kg	01/18/13	H/J	SW8260	LP
1,2,3-Trichloropropane	ND	310	ug/Kg	01/18/13	H/J	SW8260	
1,2,4-Trichlorobenzene	ND	310	ug/Kg	01/18/13	H/J	SW8260	
1,2,4-Trimethylbenzene	17000	1600	ug/Kg	01/18/13	H/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	310	ug/Kg	01/18/13	H/J	SW8260	
1,2-Dibromoethane	ND	310	ug/Kg	01/18/13	H/J	SW8260	LP
1,2-Dichlorobenzene	ND	310	ug/Kg	01/18/13	H/J	SW8260	
1,2-Dichloroethane	ND	310	ug/Kg	01/18/13	H/J	SW8260	
1,2-Dichloropropane	ND	310	ug/Kg	01/18/13	H/J	SW8260	
1,3,5-Trimethylbenzene	5800	310	ug/Kg	01/18/13	H/J	SW8260	
1,3-Dichlorobenzene	ND	310	ug/Kg	01/18/13	H/J	SW8260	
1,3-Dichloropropane	ND	310	ug/Kg	01/18/13	H/J	SW8260	
1,4-Dichlorobenzene	ND	310	ug/Kg	01/18/13	H/J	SW8260	
2,2-Dichloropropane	ND	310	ug/Kg	01/18/13	H/J	SW8260	
2-Chlorotoluene	ND	310	ug/Kg	01/18/13	H/J	SW8260	
2-Hexanone	ND	1600	ug/Kg	01/18/13	H/J	SW8260	
2-Isopropyltoluene	ND	310	ug/Kg	01/18/13	H/J	SW8260	1
4-Chlorotoluene	ND	310	ug/Kg	01/18/13	H/J	SW8260	
4-Methyl-2-pentanone	ND	1600	ug/Kg	01/18/13	H/J	SW8260	
Acetone	ND	6300	ug/Kg	01/18/13	H/J	SW8260	
Acrylonitrile	ND	310	ug/Kg	01/18/13	H/J	SW8260	
Benzene	ND	310	ug/Kg	01/18/13	H/J	SW8260	
Bromobenzene	ND	310	ug/Kg	01/18/13	H/J	SW8260	
Bromochloromethane	ND	310	ug/Kg	01/18/13	H/J	SW8260	
Bromodichloromethane	ND	310	ug/Kg	01/18/13	H/J	SW8260	
Bromoform	ND	310	ug/Kg	01/18/13	H/J	SW8260	
Bromomethane	ND	630	ug/Kg	01/18/13	H/J	SW8260	B
Carbon Disulfide	ND	310	ug/Kg	01/18/13	H/J	SW8260	
Carbon tetrachloride	ND	310	ug/Kg	01/18/13	H/J	SW8260	
Chlorobenzene	ND	310	ug/Kg	01/18/13	H/J	SW8260	
Chloroethane	ND	310	ug/Kg	01/18/13	H/J	SW8260	
Chloroform	ND	310	ug/Kg	01/18/13	H/J	SW8260	
Chloromethane	ND	310	ug/Kg	01/18/13	H/J	SW8260	
cis-1,2-Dichloroethene	ND	310	ug/Kg	01/18/13	H/J	SW8260	
cis-1,3-Dichloropropene	ND	310	ug/Kg	01/18/13	H/J	SW8260	1
Dibromochloromethane	ND	190	ug/Kg	01/18/13	H/J	SW8260	
Dibromomethane	ND	310	ug/Kg	01/18/13	H/J	SW8260	
Dichlorodifluoromethane	ND	310	ug/Kg	01/18/13	H/J	SW8260	
Ethylbenzene	3400	310	ug/Kg	01/18/13	H/J	SW8260	
Hexachlorobutadiene	ND	310	ug/Kg	01/18/13	H/J	SW8260	LP
Isopropylbenzene	750	310	ug/Kg	01/18/13	H/J	SW8260	
m&p-Xylene	11000	310	ug/Kg	01/18/13	H/J	SW8260	
Methyl Ethyl Ketone	ND	1900	ug/Kg	01/18/13	H/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	630	ug/Kg	01/18/13	H/J	SW8260	
Methylene chloride	ND	310	ug/Kg	01/18/13	H/J	SW8260	
Naphthalene	1300	310	ug/Kg	01/18/13	H/J	SW8260	
n-Butylbenzene	860	310	ug/Kg	01/18/13	H/J	SW8260	
n-Propylbenzene	2700	310	ug/Kg	01/18/13	H/J	SW8260	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
o-Xylene	4300	310	ug/Kg	01/18/13	H/J	SW8260	
p-Isopropyltoluene	ND	310	ug/Kg	01/18/13	H/J	SW8260	
sec-Butylbenzene	330	310	ug/Kg	01/18/13	H/J	SW8260	
Styrene	ND	310	ug/Kg	01/18/13	H/J	SW8260	
tert-Butylbenzene	ND	310	ug/Kg	01/18/13	H/J	SW8260	
Tetrachloroethene	ND	310	ug/Kg	01/18/13	H/J	SW8260	
Tetrahydrofuran (THF)	ND	630	ug/Kg	01/18/13	H/J	SW8260	1
Toluene	2500	310	ug/Kg	01/18/13	H/J	SW8260	
Total Xylenes	15300	310	ug/Kg	01/18/13	H/J	SW8260	
trans-1,2-Dichloroethene	ND	310	ug/Kg	01/18/13	H/J	SW8260	
trans-1,3-Dichloropropene	ND	310	ug/Kg	01/18/13	H/J	SW8260	
trans-1,4-dichloro-2-butene	ND	630	ug/Kg	01/18/13	H/J	SW8260	
Trichloroethene	ND	310	ug/Kg	01/18/13	H/J	SW8260	
Trichlorofluoromethane	ND	310	ug/Kg	01/18/13	H/J	SW8260	
Trichlorotrifluoroethane	ND	310	ug/Kg	01/18/13	H/J	SW8260	
Vinyl chloride	ND	310	ug/Kg	01/18/13	H/J	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	01/18/13	H/J	70 - 130 %	
% Bromofluorobenzene	103		%	01/18/13	H/J	70 - 130 %	
% Dibromofluoromethane	92		%	01/18/13	H/J	70 - 130 %	
% Toluene-d8	100		%	01/18/13	H/J	70 - 130 %	
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
1,2,4-Trichlorobenzene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
1,2-Dichlorobenzene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
1,2-Diphenylhydrazine	ND	400	ug/Kg	01/17/13	KCA	SW 8270	
1,3-Dichlorobenzene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
1,4-Dichlorobenzene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
2,4,5-Trichlorophenol	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
2,4,6-Trichlorophenol	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dichlorophenol	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dimethylphenol	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dinitrophenol	ND	630	ug/Kg	01/17/13	KCA	SW 8270	
2,4-Dinitrotoluene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
2,6-Dinitrotoluene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
2-Chloronaphthalene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
2-Chlorophenol	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
2-Methylnaphthalene	4500	280	ug/Kg	01/17/13	KCA	SW 8270	
2-Methylphenol (o-cresol)	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
2-Nitroaniline	ND	630	ug/Kg	01/17/13	KCA	SW 8270	
2-Nitrophenol	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	400	ug/Kg	01/17/13	KCA	SW 8270	
3,3'-Dichlorobenzidine	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
3-Nitroaniline	ND	630	ug/Kg	01/17/13	KCA	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	01/17/13	KCA	SW 8270	
4-Bromophenyl phenyl ether	ND	400	ug/Kg	01/17/13	KCA	SW 8270	
4-Chloro-3-methylphenol	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
4-Chloroaniline	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
4-Chlorophenyl phenyl ether	ND	280	ug/Kg	01/17/13	KCA	SW 8270	

Project ID: 700 E241ST ST
Client ID: DUPLICATE

Phoenix I.D.: BD20315

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND	630	ug/Kg	01/17/13	KCA	SW 8270	
4-Nitrophenol	ND	1100	ug/Kg	01/17/13	KCA	SW 8270	
Acenaphthene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Acenaphthylene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Acetophenone	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Aniline	ND	1100	ug/Kg	01/17/13	KCA	SW 8270	
Anthracene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Benz(a)anthracene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Benzidine	ND	480	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(a)pyrene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(b)fluoranthene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(ghi)perylene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Benzo(k)fluoranthene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Benzoic acid	ND	1100	ug/Kg	01/17/13	KCA	SW 8270	LO
Benzyl butyl phthalate	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-chloroethoxy)methane	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-chloroethyl)ether	ND	400	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-chloroisopropyl)ether	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Bis(2-ethylhexyl)phthalate	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Carbazole	ND	590	ug/Kg	01/17/13	KCA	SW 8270	
Chrysene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Dibenz(a,h)anthracene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Dibenzofuran	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Diethyl phthalate	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Dimethylphthalate	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Di-n-butylphthalate	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Di-n-octylphthalate	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Fluoranthene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Fluorene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Hexachlorobenzene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Hexachlorobutadiene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Hexachlorocyclopentadiene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Hexachloroethane	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Isophorone	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Naphthalene	2100	280	ug/Kg	01/17/13	KCA	SW 8270	
Nitrobenzene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
N-Nitrosodimethylamine	ND	400	ug/Kg	01/17/13	KCA	SW 8270	
N-Nitrosodi-n-propylamine	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
N-Nitrosodiphenylamine	ND	400	ug/Kg	01/17/13	KCA	SW 8270	
Pentachloronitrobenzene	ND	400	ug/Kg	01/17/13	KCA	SW 8270	
Pentachlorophenol	ND	400	ug/Kg	01/17/13	KCA	SW 8270	
Phenanthrene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Phenol	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Pyrene	ND	280	ug/Kg	01/17/13	KCA	SW 8270	
Pyridine	ND	400	ug/Kg	01/17/13	KCA	SW 8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	94		%	01/17/13	KCA	30 - 130 %	
% 2-Fluorobiphenyl	83		%	01/17/13	KCA	30 - 130 %	
% 2-Fluorophenol	95		%	01/17/13	KCA	30 - 130 %	

Project ID: 700 E241ST ST
Client ID: DUPLICATE

Phoenix I.D.: BD20315

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	84		%	01/17/13	KCA	30 - 130 %
% Phenol-d5	97		%	01/17/13	KCA	30 - 130 %
% Terphenyl-d14	91		%	01/17/13	KCA	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
1P = This parameter is pending certification by NY NELAC for this matrix.
1O = This parameter is not certified by NY NELAC for this matrix.
B = Present in blank, no bias suspected.

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

Comments:

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
January 23, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 23, 2013

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:	GROUND WATER	Collected by:		01/15/13	0:00
Location Code:	EBC	Received by:	SW	01/16/13	16:55
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD20305
Phoenix ID: BD20316

Project ID: 700 E241ST ST
Client ID: GW 1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1000	ug/L	01/18/13	H/T	SW8260	
1,1,1-Trichloroethane	ND	1000	ug/L	01/18/13	H/T	SW8260	
1,1,2,2-Tetrachloroethane	ND	500	ug/L	01/18/13	H/T	SW8260	
1,1,2-Trichloroethane	ND	1000	ug/L	01/18/13	H/T	SW8260	
1,1-Dichloroethane	ND	1000	ug/L	01/18/13	H/T	SW8260	
1,1-Dichloroethene	ND	1000	ug/L	01/18/13	H/T	SW8260	
1,1-Dichloropropene	ND	1000	ug/L	01/18/13	H/T	SW8260	
1,2,3-Trichlorobenzene	ND	1000	ug/L	01/18/13	H/T	SW8260	
1,2,3-Trichloropropane	ND	1000	ug/L	01/18/13	H/T	SW8260	
1,2,4-Trichlorobenzene	ND	1000	ug/L	01/18/13	H/T	SW8260	
1,2,4-Trimethylbenzene	4300	1000	ug/L	01/18/13	H/T	SW8260	
1,2-Dibromo-3-chloropropane	ND	1000	ug/L	01/18/13	H/T	SW8260	
1,2-Dibromoethane	ND	1000	ug/L	01/18/13	H/T	SW8260	
1,2-Dichlorobenzene	ND	1000	ug/L	01/18/13	H/T	SW8260	
1,2-Dichloroethane	ND	600	ug/L	01/18/13	H/T	SW8260	
1,2-Dichloropropane	ND	1000	ug/L	01/18/13	H/T	SW8260	
1,3,5-Trimethylbenzene	1200	1000	ug/L	01/18/13	H/T	SW8260	
1,3-Dichlorobenzene	ND	1000	ug/L	01/18/13	H/T	SW8260	
1,3-Dichloropropane	ND	1000	ug/L	01/18/13	H/T	SW8260	
1,4-Dichlorobenzene	ND	1000	ug/L	01/18/13	H/T	SW8260	
2,2-Dichloropropane	ND	1000	ug/L	01/18/13	H/T	SW8260	
2-Chlorotoluene	ND	1000	ug/L	01/18/13	H/T	SW8260	
2-Hexanone	ND	5000	ug/L	01/18/13	H/T	SW8260	
2-Isopropyltoluene	ND	1000	ug/L	01/18/13	H/T	SW8260	1
4-Chlorotoluene	ND	1000	ug/L	01/18/13	H/T	SW8260	
4-Methyl-2-pentanone	ND	5000	ug/L	01/18/13	H/T	SW8260	
Acetone	ND	25000	ug/L	01/18/13	H/T	SW8260	

Project ID: 700 E241ST ST
Client ID: GW 1

Phoenix I.D.: BD20316

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Acrylonitrile	ND	5000	ug/L	01/18/13	H/T	SW8260	
Benzene	1300	700	ug/L	01/18/13	H/T	SW8260	
Bromobenzene	ND	1000	ug/L	01/18/13	H/T	SW8260	
Bromochloromethane	ND	1000	ug/L	01/18/13	H/T	SW8260	
Bromodichloromethane	ND	500	ug/L	01/18/13	H/T	SW8260	
Bromoform	ND	1000	ug/L	01/18/13	H/T	SW8260	
Bromomethane	ND	1000	ug/L	01/18/13	H/T	SW8260	
Carbon Disulfide	ND	5000	ug/L	01/18/13	H/T	SW8260	
Carbon tetrachloride	ND	1000	ug/L	01/18/13	H/T	SW8260	
Chlorobenzene	ND	1000	ug/L	01/18/13	H/T	SW8260	
Chloroethane	ND	1000	ug/L	01/18/13	H/T	SW8260	
Chloroform	ND	1000	ug/L	01/18/13	H/T	SW8260	
Chloromethane	ND	1000	ug/L	01/18/13	H/T	SW8260	
cis-1,2-Dichloroethene	ND	1000	ug/L	01/18/13	H/T	SW8260	
cis-1,3-Dichloropropene	ND	500	ug/L	01/18/13	H/T	SW8260	1
Dibromochloromethane	ND	500	ug/L	01/18/13	H/T	SW8260	
Dibromomethane	ND	1000	ug/L	01/18/13	H/T	SW8260	
Dichlorodifluoromethane	ND	1000	ug/L	01/18/13	H/T	SW8260	
Ethylbenzene	4300	1000	ug/L	01/18/13	H/T	SW8260	
Hexachlorobutadiene	ND	400	ug/L	01/18/13	H/T	SW8260	
Isopropylbenzene	ND	1000	ug/L	01/18/13	H/T	SW8260	
m&p-Xylene	16000	1000	ug/L	01/18/13	H/T	SW8260	
Methyl ethyl ketone	ND	5000	ug/L	01/18/13	H/T	SW8260	
Methyl t-butyl ether (MTBE)	ND	1000	ug/L	01/18/13	H/T	SW8260	
Methylene chloride	ND	1000	ug/L	01/18/13	H/T	SW8260	
Naphthalene	ND	1000	ug/L	01/18/13	H/T	SW8260	
n-Butylbenzene	ND	1000	ug/L	01/18/13	H/T	SW8260	
n-Propylbenzene	ND	1000	ug/L	01/18/13	H/T	SW8260	
o-Xylene	7400	1000	ug/L	01/18/13	H/T	SW8260	
p-Isopropyltoluene	ND	1000	ug/L	01/18/13	H/T	SW8260	
sec-Butylbenzene	ND	1000	ug/L	01/18/13	H/T	SW8260	
Styrene	ND	1000	ug/L	01/18/13	H/T	SW8260	
tert-Butylbenzene	ND	1000	ug/L	01/18/13	H/T	SW8260	
Tetrachloroethene	ND	1000	ug/L	01/18/13	H/T	SW8260	
Tetrahydrofuran (THF)	ND	5000	ug/L	01/18/13	H/T	SW8260	1
Toluene	20000	1000	ug/L	01/18/13	H/T	SW8260	
Total Xylenes	23400	1000	ug/L	01/18/13	H/T	SW8260	
trans-1,2-Dichloroethene	ND	1000	ug/L	01/18/13	H/T	SW8260	
trans-1,3-Dichloropropene	ND	500	ug/L	01/18/13	H/T	SW8260	
trans-1,4-dichloro-2-butene	ND	5000	ug/L	01/18/13	H/T	SW8260	
Trichloroethene	ND	1000	ug/L	01/18/13	H/T	SW8260	
Trichlorofluoromethane	ND	1000	ug/L	01/18/13	H/T	SW8260	
Trichlorotrifluoroethane	ND	1000	ug/L	01/18/13	H/T	SW8260	
Vinyl chloride	ND	1000	ug/L	01/18/13	H/T	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	01/18/13	H/T	70 - 130 %	
% Bromofluorobenzene	98		%	01/18/13	H/T	70 - 130 %	
% Dibromofluoromethane	99		%	01/18/13	H/T	70 - 130 %	
% Toluene-d8	100		%	01/18/13	H/T	70 - 130 %	

Project ID: 700 E241ST ST
Client ID: GW 1

Phoenix I.D.: BD20316

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

1 = This parameter is not certified by 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 Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

Elevated reporting limits for volatiles due to the foamy nature of the sample.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
January 23, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 23, 2013

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:	GROUND WATER	Collected by:		01/15/13	0:00
Location Code:	EBC	Received by:	SW	01/16/13	16:55
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD20305
Phoenix ID: BD20317

Project ID: 700 E241ST ST
Client ID: GW 3

Parameter	Result		RL/ PQL	Units	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND		500	ug/L	01/17/13	R/T	SW8260	
1,1,1-Trichloroethane	ND		500	ug/L	01/17/13	R/T	SW8260	
1,1,2,2-Tetrachloroethane	ND		250	ug/L	01/17/13	R/T	SW8260	
1,1,2-Trichloroethane	ND		500	ug/L	01/17/13	R/T	SW8260	
1,1-Dichloroethane	ND		500	ug/L	01/17/13	R/T	SW8260	
1,1-Dichloroethene	ND		500	ug/L	01/17/13	R/T	SW8260	
1,1-Dichloropropene	ND		500	ug/L	01/17/13	R/T	SW8260	
1,2,3-Trichlorobenzene	ND		500	ug/L	01/17/13	R/T	SW8260	
1,2,3-Trichloropropane	ND		500	ug/L	01/17/13	R/T	SW8260	
1,2,4-Trichlorobenzene	ND		500	ug/L	01/17/13	R/T	SW8260	
1,2,4-Trimethylbenzene	69000	E	500	ug/L	01/17/13	R/T	SW8260	
1,2-Dibromo-3-chloropropane	ND		500	ug/L	01/17/13	R/T	SW8260	
1,2-Dibromoethane	ND		500	ug/L	01/17/13	R/T	SW8260	
1,2-Dichlorobenzene	ND		500	ug/L	01/17/13	R/T	SW8260	
1,2-Dichloroethane	ND		300	ug/L	01/17/13	R/T	SW8260	
1,2-Dichloropropane	ND		500	ug/L	01/17/13	R/T	SW8260	
1,3,5-Trimethylbenzene	32000	E	500	ug/L	01/17/13	R/T	SW8260	
1,3-Dichlorobenzene	ND		500	ug/L	01/17/13	R/T	SW8260	
1,3-Dichloropropane	ND		500	ug/L	01/17/13	R/T	SW8260	
1,4-Dichlorobenzene	ND		500	ug/L	01/17/13	R/T	SW8260	
2,2-Dichloropropane	ND		500	ug/L	01/17/13	R/T	SW8260	
2-Chlorotoluene	ND		500	ug/L	01/17/13	R/T	SW8260	
2-Hexanone	ND		2500	ug/L	01/17/13	R/T	SW8260	
2-Isopropyltoluene	ND		500	ug/L	01/17/13	R/T	SW8260	1
4-Chlorotoluene	ND		500	ug/L	01/17/13	R/T	SW8260	
4-Methyl-2-pentanone	ND		2500	ug/L	01/17/13	R/T	SW8260	
Acetone	ND		13000	ug/L	01/17/13	R/T	SW8260	

Project ID: 700 E241ST ST
Client ID: GW 3

Phoenix I.D.: BD20317

Parameter	Result		RL/ PQL	Units	Date/Time	By	Reference	
Acrylonitrile	ND		2500	ug/L	01/17/13	R/T	SW8260	
Benzene	4400		350	ug/L	01/17/13	R/T	SW8260	
Bromobenzene	ND		500	ug/L	01/17/13	R/T	SW8260	
Bromochloromethane	ND		500	ug/L	01/17/13	R/T	SW8260	
Bromodichloromethane	ND		250	ug/L	01/17/13	R/T	SW8260	
Bromoform	ND		500	ug/L	01/17/13	R/T	SW8260	
Bromomethane	ND		500	ug/L	01/17/13	R/T	SW8260	
Carbon Disulfide	ND		2500	ug/L	01/17/13	R/T	SW8260	
Carbon tetrachloride	ND		500	ug/L	01/17/13	R/T	SW8260	
Chlorobenzene	ND		500	ug/L	01/17/13	R/T	SW8260	
Chloroethane	ND		500	ug/L	01/17/13	R/T	SW8260	
Chloroform	ND		500	ug/L	01/17/13	R/T	SW8260	
Chloromethane	ND		500	ug/L	01/17/13	R/T	SW8260	
cis-1,2-Dichloroethene	ND		500	ug/L	01/17/13	R/T	SW8260	
cis-1,3-Dichloropropene	ND		250	ug/L	01/17/13	R/T	SW8260	1
Dibromochloromethane	ND		250	ug/L	01/17/13	R/T	SW8260	
Dibromomethane	ND		500	ug/L	01/17/13	R/T	SW8260	
Dichlorodifluoromethane	ND		500	ug/L	01/17/13	R/T	SW8260	
Ethylbenzene	34000	E	500	ug/L	01/17/13	R/T	SW8260	
Hexachlorobutadiene	ND		200	ug/L	01/17/13	R/T	SW8260	
Isopropylbenzene	5500		500	ug/L	01/17/13	R/T	SW8260	
m&p-Xylene	71000	E	500	ug/L	01/17/13	R/T	SW8260	
Methyl ethyl ketone	ND		2500	ug/L	01/17/13	R/T	SW8260	
Methyl t-butyl ether (MTBE)	ND		500	ug/L	01/17/13	R/T	SW8260	
Methylene chloride	ND		500	ug/L	01/17/13	R/T	SW8260	
Naphthalene	18000	E	500	ug/L	01/17/13	R/T	SW8260	
n-Butylbenzene	4700		500	ug/L	01/17/13	R/T	SW8260	
n-Propylbenzene	16000	E	500	ug/L	01/17/13	R/T	SW8260	
o-Xylene	22000		500	ug/L	01/17/13	R/T	SW8260	
p-Isopropyltoluene	3900		500	ug/L	01/17/13	R/T	SW8260	
sec-Butylbenzene	1700		500	ug/L	01/17/13	R/T	SW8260	
Styrene	ND		500	ug/L	01/17/13	R/T	SW8260	
tert-Butylbenzene	ND		500	ug/L	01/17/13	R/T	SW8260	
Tetrachloroethene	ND		500	ug/L	01/17/13	R/T	SW8260	
Tetrahydrofuran (THF)	ND		2500	ug/L	01/17/13	R/T	SW8260	1
Toluene	11000		500	ug/L	01/17/13	R/T	SW8260	
Total Xylenes	93000		500	ug/L	01/17/13	R/T	SW8260	
trans-1,2-Dichloroethene	ND		500	ug/L	01/17/13	R/T	SW8260	
trans-1,3-Dichloropropene	ND		250	ug/L	01/17/13	R/T	SW8260	
trans-1,4-dichloro-2-butene	ND		2500	ug/L	01/17/13	R/T	SW8260	
Trichloroethene	ND		500	ug/L	01/17/13	R/T	SW8260	
Trichlorofluoromethane	ND		500	ug/L	01/17/13	R/T	SW8260	
Trichlorotrifluoroethane	ND		500	ug/L	01/17/13	R/T	SW8260	
Vinyl chloride	ND		500	ug/L	01/17/13	R/T	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	01/17/13	R/T	70 - 130 %	
% Bromofluorobenzene	116			%	01/17/13	R/T	70 - 130 %	
% Dibromofluoromethane	70			%	01/17/13	R/T	70 - 130 %	
% Toluene-d8	122			%	01/17/13	R/T	70 - 130 %	

Project ID: 700 E241ST ST
Client ID: GW 3

Phoenix I.D.: BD20317

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

1 = This parameter is not certified by 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 Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

Elevated reporting limits for volatiles due to the oily nature of the sample.

E = Estimated value. Sample result was above the calibration range. Subsequent dilution did not correlate well with original analysis results.

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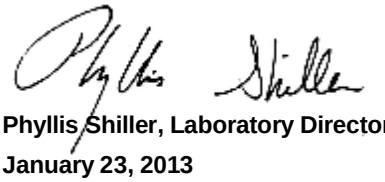

Phyllis Shiller, Laboratory Director
January 23, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 23, 2013

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:	GROUND WATER	Collected by:		01/15/13	0:00
Location Code:	EBC	Received by:	SW	01/16/13	16:55
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD20305
Phoenix ID: BD20318

Project ID: 700 E241ST ST
Client ID: GW 4

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	20	ug/L	01/17/13	R/T	SW8260	
1,1,1-Trichloroethane	ND	20	ug/L	01/17/13	R/T	SW8260	
1,1,2,2-Tetrachloroethane	ND	10	ug/L	01/17/13	R/T	SW8260	
1,1,2-Trichloroethane	ND	20	ug/L	01/17/13	R/T	SW8260	
1,1-Dichloroethane	ND	20	ug/L	01/17/13	R/T	SW8260	
1,1-Dichloroethene	ND	20	ug/L	01/17/13	R/T	SW8260	
1,1-Dichloropropene	ND	20	ug/L	01/17/13	R/T	SW8260	
1,2,3-Trichlorobenzene	ND	20	ug/L	01/17/13	R/T	SW8260	
1,2,3-Trichloropropane	ND	20	ug/L	01/17/13	R/T	SW8260	
1,2,4-Trichlorobenzene	ND	20	ug/L	01/17/13	R/T	SW8260	
1,2,4-Trimethylbenzene	930	200	ug/L	01/17/13	R/T	SW8260	
1,2-Dibromo-3-chloropropane	ND	20	ug/L	01/17/13	R/T	SW8260	
1,2-Dibromoethane	ND	20	ug/L	01/17/13	R/T	SW8260	
1,2-Dichlorobenzene	ND	20	ug/L	01/17/13	R/T	SW8260	
1,2-Dichloroethane	ND	12	ug/L	01/17/13	R/T	SW8260	
1,2-Dichloropropane	ND	20	ug/L	01/17/13	R/T	SW8260	
1,3,5-Trimethylbenzene	290	20	ug/L	01/17/13	R/T	SW8260	
1,3-Dichlorobenzene	ND	20	ug/L	01/17/13	R/T	SW8260	
1,3-Dichloropropane	ND	20	ug/L	01/17/13	R/T	SW8260	
1,4-Dichlorobenzene	ND	20	ug/L	01/17/13	R/T	SW8260	
2,2-Dichloropropane	ND	20	ug/L	01/17/13	R/T	SW8260	
2-Chlorotoluene	ND	20	ug/L	01/17/13	R/T	SW8260	
2-Hexanone	ND	100	ug/L	01/17/13	R/T	SW8260	
2-Isopropyltoluene	ND	20	ug/L	01/17/13	R/T	SW8260	1
4-Chlorotoluene	ND	20	ug/L	01/17/13	R/T	SW8260	
4-Methyl-2-pentanone	ND	100	ug/L	01/17/13	R/T	SW8260	
Acetone	ND	500	ug/L	01/17/13	R/T	SW8260	

Project ID: 700 E241ST ST
Client ID: GW 4

Phoenix I.D.: BD20318

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Acrylonitrile	ND	100	ug/L	01/17/13	R/T	SW8260	
Benzene	5400	140	ug/L	01/17/13	R/T	SW8260	
Bromobenzene	ND	20	ug/L	01/17/13	R/T	SW8260	
Bromochloromethane	ND	20	ug/L	01/17/13	R/T	SW8260	
Bromodichloromethane	ND	10	ug/L	01/17/13	R/T	SW8260	
Bromoform	ND	20	ug/L	01/17/13	R/T	SW8260	
Bromomethane	ND	20	ug/L	01/17/13	R/T	SW8260	
Carbon Disulfide	ND	100	ug/L	01/17/13	R/T	SW8260	
Carbon tetrachloride	ND	20	ug/L	01/17/13	R/T	SW8260	
Chlorobenzene	ND	20	ug/L	01/17/13	R/T	SW8260	
Chloroethane	ND	20	ug/L	01/17/13	R/T	SW8260	
Chloroform	ND	20	ug/L	01/17/13	R/T	SW8260	
Chloromethane	ND	20	ug/L	01/17/13	R/T	SW8260	
cis-1,2-Dichloroethene	ND	20	ug/L	01/17/13	R/T	SW8260	
cis-1,3-Dichloropropene	ND	10	ug/L	01/17/13	R/T	SW8260	1
Dibromochloromethane	ND	10	ug/L	01/17/13	R/T	SW8260	
Dibromomethane	ND	20	ug/L	01/17/13	R/T	SW8260	
Dichlorodifluoromethane	ND	20	ug/L	01/17/13	R/T	SW8260	
Ethylbenzene	1400	200	ug/L	01/17/13	R/T	SW8260	
Hexachlorobutadiene	ND	8.0	ug/L	01/17/13	R/T	SW8260	
Isopropylbenzene	52	20	ug/L	01/17/13	R/T	SW8260	
m&p-Xylene	3300	200	ug/L	01/17/13	R/T	SW8260	
Methyl ethyl ketone	ND	100	ug/L	01/17/13	R/T	SW8260	
Methyl t-butyl ether (MTBE)	49000	5000	ug/L	01/17/13	R/T	SW8260	
Methylene chloride	ND	20	ug/L	01/17/13	R/T	SW8260	
Naphthalene	370	20	ug/L	01/17/13	R/T	SW8260	
n-Butylbenzene	ND	20	ug/L	01/17/13	R/T	SW8260	
n-Propylbenzene	130	20	ug/L	01/17/13	R/T	SW8260	
o-Xylene	1800	200	ug/L	01/17/13	R/T	SW8260	
p-Isopropyltoluene	ND	20	ug/L	01/17/13	R/T	SW8260	
sec-Butylbenzene	ND	20	ug/L	01/17/13	R/T	SW8260	
Styrene	ND	20	ug/L	01/17/13	R/T	SW8260	
tert-Butylbenzene	ND	20	ug/L	01/17/13	R/T	SW8260	
Tetrachloroethene	ND	20	ug/L	01/17/13	R/T	SW8260	
Tetrahydrofuran (THF)	ND	100	ug/L	01/17/13	R/T	SW8260	1
Toluene	5100	200	ug/L	01/17/13	R/T	SW8260	
Total Xylenes	5100	20	ug/L	01/17/13	R/T	SW8260	
trans-1,2-Dichloroethene	ND	20	ug/L	01/17/13	R/T	SW8260	
trans-1,3-Dichloropropene	ND	10	ug/L	01/17/13	R/T	SW8260	
trans-1,4-dichloro-2-butene	ND	100	ug/L	01/17/13	R/T	SW8260	
Trichloroethene	ND	20	ug/L	01/17/13	R/T	SW8260	
Trichlorofluoromethane	ND	20	ug/L	01/17/13	R/T	SW8260	
Trichlorotrifluoroethane	ND	20	ug/L	01/17/13	R/T	SW8260	
Vinyl chloride	ND	20	ug/L	01/17/13	R/T	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	01/17/13	R/T	70 - 130 %	
% Bromofluorobenzene	95		%	01/17/13	R/T	70 - 130 %	
% Dibromofluoromethane	80		%	01/17/13	R/T	70 - 130 %	
% Toluene-d8	104		%	01/17/13	R/T	70 - 130 %	

Project ID: 700 E241ST ST
Client ID: GW 4

Phoenix I.D.: BD20318

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

1 = This parameter is not certified by 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 Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
January 23, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

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

Analysis Report

January 23, 2013

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:	GROUND WATER	Collected by:		01/15/13	0:00
Location Code:	EBC	Received by:	SW	01/16/13	16:55
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD20305
Phoenix ID: BD20319

Project ID: 700 E241ST ST
Client ID: GW 5

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	200	ug/L	01/18/13	H/T	SW8260	
1,1,1-Trichloroethane	ND	200	ug/L	01/18/13	H/T	SW8260	
1,1,2,2-Tetrachloroethane	ND	100	ug/L	01/18/13	H/T	SW8260	
1,1,2-Trichloroethane	ND	200	ug/L	01/18/13	H/T	SW8260	
1,1-Dichloroethane	ND	200	ug/L	01/18/13	H/T	SW8260	
1,1-Dichloroethene	ND	200	ug/L	01/18/13	H/T	SW8260	
1,1-Dichloropropene	ND	200	ug/L	01/18/13	H/T	SW8260	
1,2,3-Trichlorobenzene	ND	200	ug/L	01/18/13	H/T	SW8260	
1,2,3-Trichloropropane	ND	200	ug/L	01/18/13	H/T	SW8260	
1,2,4-Trichlorobenzene	ND	200	ug/L	01/18/13	H/T	SW8260	
1,2,4-Trimethylbenzene	7800	500	ug/L	01/18/13	H/T	SW8260	
1,2-Dibromo-3-chloropropane	ND	200	ug/L	01/18/13	H/T	SW8260	
1,2-Dibromoethane	ND	200	ug/L	01/18/13	H/T	SW8260	
1,2-Dichlorobenzene	ND	200	ug/L	01/18/13	H/T	SW8260	
1,2-Dichloroethane	ND	120	ug/L	01/18/13	H/T	SW8260	
1,2-Dichloropropane	ND	200	ug/L	01/18/13	H/T	SW8260	
1,3,5-Trimethylbenzene	2900	200	ug/L	01/18/13	H/T	SW8260	
1,3-Dichlorobenzene	ND	200	ug/L	01/18/13	H/T	SW8260	
1,3-Dichloropropane	ND	200	ug/L	01/18/13	H/T	SW8260	
1,4-Dichlorobenzene	ND	200	ug/L	01/18/13	H/T	SW8260	
2,2-Dichloropropane	ND	200	ug/L	01/18/13	H/T	SW8260	
2-Chlorotoluene	ND	200	ug/L	01/18/13	H/T	SW8260	
2-Hexanone	ND	1000	ug/L	01/18/13	H/T	SW8260	
2-Isopropyltoluene	ND	200	ug/L	01/18/13	H/T	SW8260	1
4-Chlorotoluene	ND	200	ug/L	01/18/13	H/T	SW8260	
4-Methyl-2-pentanone	ND	1000	ug/L	01/18/13	H/T	SW8260	
Acetone	ND	5000	ug/L	01/18/13	H/T	SW8260	

Project ID: 700 E241ST ST
Client ID: GW 5

Phoenix I.D.: BD20319

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Acrylonitrile	ND	1000	ug/L	01/18/13	H/T	SW8260	
Benzene	ND	140	ug/L	01/18/13	H/T	SW8260	
Bromobenzene	ND	200	ug/L	01/18/13	H/T	SW8260	
Bromochloromethane	ND	200	ug/L	01/18/13	H/T	SW8260	
Bromodichloromethane	ND	100	ug/L	01/18/13	H/T	SW8260	
Bromoform	ND	200	ug/L	01/18/13	H/T	SW8260	
Bromomethane	ND	200	ug/L	01/18/13	H/T	SW8260	
Carbon Disulfide	ND	1000	ug/L	01/18/13	H/T	SW8260	
Carbon tetrachloride	ND	200	ug/L	01/18/13	H/T	SW8260	
Chlorobenzene	ND	200	ug/L	01/18/13	H/T	SW8260	
Chloroethane	ND	200	ug/L	01/18/13	H/T	SW8260	
Chloroform	ND	200	ug/L	01/18/13	H/T	SW8260	
Chloromethane	ND	200	ug/L	01/18/13	H/T	SW8260	
cis-1,2-Dichloroethene	ND	200	ug/L	01/18/13	H/T	SW8260	
cis-1,3-Dichloropropene	ND	100	ug/L	01/18/13	H/T	SW8260	1
Dibromochloromethane	ND	100	ug/L	01/18/13	H/T	SW8260	
Dibromomethane	ND	200	ug/L	01/18/13	H/T	SW8260	
Dichlorodifluoromethane	ND	200	ug/L	01/18/13	H/T	SW8260	
Ethylbenzene	1300	200	ug/L	01/18/13	H/T	SW8260	
Hexachlorobutadiene	ND	80	ug/L	01/18/13	H/T	SW8260	
Isopropylbenzene	270	200	ug/L	01/18/13	H/T	SW8260	
m&p-Xylene	4000	200	ug/L	01/18/13	H/T	SW8260	
Methyl ethyl ketone	ND	1000	ug/L	01/18/13	H/T	SW8260	
Methyl t-butyl ether (MTBE)	ND	200	ug/L	01/18/13	H/T	SW8260	
Methylene chloride	ND	200	ug/L	01/18/13	H/T	SW8260	
Naphthalene	730	200	ug/L	01/18/13	H/T	SW8260	
n-Butylbenzene	270	200	ug/L	01/18/13	H/T	SW8260	
n-Propylbenzene	1200	200	ug/L	01/18/13	H/T	SW8260	
o-Xylene	870	200	ug/L	01/18/13	H/T	SW8260	
p-Isopropyltoluene	ND	200	ug/L	01/18/13	H/T	SW8260	
sec-Butylbenzene	ND	200	ug/L	01/18/13	H/T	SW8260	
Styrene	ND	200	ug/L	01/18/13	H/T	SW8260	
tert-Butylbenzene	ND	200	ug/L	01/18/13	H/T	SW8260	
Tetrachloroethene	ND	200	ug/L	01/18/13	H/T	SW8260	
Tetrahydrofuran (THF)	ND	1000	ug/L	01/18/13	H/T	SW8260	1
Toluene	ND	200	ug/L	01/18/13	H/T	SW8260	
Total Xylenes	4870	200	ug/L	01/18/13	H/T	SW8260	
trans-1,2-Dichloroethene	ND	200	ug/L	01/18/13	H/T	SW8260	
trans-1,3-Dichloropropene	ND	100	ug/L	01/18/13	H/T	SW8260	
trans-1,4-dichloro-2-butene	ND	1000	ug/L	01/18/13	H/T	SW8260	
Trichloroethene	ND	200	ug/L	01/18/13	H/T	SW8260	
Trichlorofluoromethane	ND	200	ug/L	01/18/13	H/T	SW8260	
Trichlorotrifluoroethane	ND	200	ug/L	01/18/13	H/T	SW8260	
Vinyl chloride	ND	200	ug/L	01/18/13	H/T	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	01/18/13	H/T	70 - 130 %	
% Bromofluorobenzene	96		%	01/18/13	H/T	70 - 130 %	
% Dibromofluoromethane	98		%	01/18/13	H/T	70 - 130 %	
% Toluene-d8	99		%	01/18/13	H/T	70 - 130 %	

Project ID: 700 E241ST ST
Client ID: GW 5

Phoenix I.D.: BD20319

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

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

Comments:

Elevated reporting limits for volatiles due to the oily nature of the sample.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
January 23, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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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

January 23, 2013

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:	GROUND WATER	Collected by:		01/15/13	0:00
Location Code:	EBC	Received by:	SW	01/16/13	16:55
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD20305
Phoenix ID: BD20320

Project ID: 700 E241ST ST
Client ID: GW 6

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	01/17/13	R/T	SW8260	
1,1,1-Trichloroethane	ND	1.0	ug/L	01/17/13	R/T	SW8260	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	01/17/13	R/T	SW8260	
1,1,2-Trichloroethane	ND	1.0	ug/L	01/17/13	R/T	SW8260	
1,1-Dichloroethane	ND	1.0	ug/L	01/17/13	R/T	SW8260	
1,1-Dichloroethene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
1,1-Dichloropropene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
1,2,3-Trichloropropane	ND	1.0	ug/L	01/17/13	R/T	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	01/17/13	R/T	SW8260	
1,2-Dibromoethane	ND	1.0	ug/L	01/17/13	R/T	SW8260	
1,2-Dichlorobenzene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
1,2-Dichloroethane	ND	0.60	ug/L	01/17/13	R/T	SW8260	
1,2-Dichloropropane	ND	1.0	ug/L	01/17/13	R/T	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
1,3-Dichlorobenzene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
1,3-Dichloropropane	ND	1.0	ug/L	01/17/13	R/T	SW8260	
1,4-Dichlorobenzene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
2,2-Dichloropropane	ND	1.0	ug/L	01/17/13	R/T	SW8260	
2-Chlorotoluene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
2-Hexanone	ND	5.0	ug/L	01/17/13	R/T	SW8260	
2-Isopropyltoluene	ND	1.0	ug/L	01/17/13	R/T	SW8260	1
4-Chlorotoluene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
4-Methyl-2-pentanone	ND	5.0	ug/L	01/17/13	R/T	SW8260	
Acetone	ND	25	ug/L	01/17/13	R/T	SW8260	

Project ID: 700 E241ST ST
Client ID: GW 6

Phoenix I.D.: BD20320

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Acrylonitrile	ND	5.0	ug/L	01/17/13	R/T	SW8260	
Benzene	ND	0.70	ug/L	01/17/13	R/T	SW8260	
Bromobenzene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
Bromochloromethane	ND	1.0	ug/L	01/17/13	R/T	SW8260	
Bromodichloromethane	ND	0.50	ug/L	01/17/13	R/T	SW8260	
Bromoform	ND	1.0	ug/L	01/17/13	R/T	SW8260	
Bromomethane	ND	1.0	ug/L	01/17/13	R/T	SW8260	
Carbon Disulfide	ND	5.0	ug/L	01/17/13	R/T	SW8260	
Carbon tetrachloride	ND	1.0	ug/L	01/17/13	R/T	SW8260	
Chlorobenzene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
Chloroethane	ND	1.0	ug/L	01/17/13	R/T	SW8260	
Chloroform	ND	1.0	ug/L	01/17/13	R/T	SW8260	
Chloromethane	ND	1.0	ug/L	01/17/13	R/T	SW8260	
cis-1,2-Dichloroethene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
cis-1,3-Dichloropropene	ND	0.50	ug/L	01/17/13	R/T	SW8260	1
Dibromochloromethane	ND	0.50	ug/L	01/17/13	R/T	SW8260	
Dibromomethane	ND	1.0	ug/L	01/17/13	R/T	SW8260	
Dichlorodifluoromethane	ND	1.0	ug/L	01/17/13	R/T	SW8260	
Ethylbenzene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
Hexachlorobutadiene	ND	0.40	ug/L	01/17/13	R/T	SW8260	
Isopropylbenzene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
m&p-Xylene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
Methyl ethyl ketone	ND	5.0	ug/L	01/17/13	R/T	SW8260	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	01/17/13	R/T	SW8260	
Methylene chloride	ND	1.0	ug/L	01/17/13	R/T	SW8260	
Naphthalene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
n-Butylbenzene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
n-Propylbenzene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
o-Xylene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
p-Isopropyltoluene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
sec-Butylbenzene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
Styrene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
tert-Butylbenzene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
Tetrachloroethene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
Tetrahydrofuran (THF)	ND	5.0	ug/L	01/17/13	R/T	SW8260	1
Toluene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
Total Xylenes	ND	1.0	ug/L	01/17/13	R/T	SW8260	
trans-1,2-Dichloroethene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
trans-1,3-Dichloropropene	ND	0.50	ug/L	01/17/13	R/T	SW8260	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	01/17/13	R/T	SW8260	
Trichloroethene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
Trichlorofluoromethane	ND	1.0	ug/L	01/17/13	R/T	SW8260	
Trichlorotrifluoroethane	ND	1.0	ug/L	01/17/13	R/T	SW8260	
Vinyl chloride	ND	1.0	ug/L	01/17/13	R/T	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	01/17/13	R/T	70 - 130 %	
% Bromofluorobenzene	94		%	01/17/13	R/T	70 - 130 %	
% Dibromofluoromethane	87		%	01/17/13	R/T	70 - 130 %	
% Toluene-d8	102		%	01/17/13	R/T	70 - 130 %	

Project ID: 700 E241ST ST
Client ID: GW 6

Phoenix I.D.: BD20320

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

1 = This parameter is not certified by 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 Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
January 23, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

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Analysis Report

January 23, 2013

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:	GROUND WATER	Collected by:		01/15/13	0:00
Location Code:	EBC	Received by:	SW	01/16/13	16:55
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD20305
Phoenix ID: BD20321

Project ID: 700 E241ST ST
Client ID: GW 9

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	01/17/13	R/T	SW8260	
1,1,1-Trichloroethane	ND	1.0	ug/L	01/17/13	R/T	SW8260	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	01/17/13	R/T	SW8260	
1,1,2-Trichloroethane	ND	1.0	ug/L	01/17/13	R/T	SW8260	
1,1-Dichloroethane	ND	1.0	ug/L	01/17/13	R/T	SW8260	
1,1-Dichloroethene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
1,1-Dichloropropene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
1,2,3-Trichloropropane	ND	1.0	ug/L	01/17/13	R/T	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
1,2,4-Trimethylbenzene	2.9	1.0	ug/L	01/17/13	R/T	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	01/17/13	R/T	SW8260	
1,2-Dibromoethane	ND	1.0	ug/L	01/17/13	R/T	SW8260	
1,2-Dichlorobenzene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
1,2-Dichloroethane	ND	0.60	ug/L	01/17/13	R/T	SW8260	
1,2-Dichloropropane	ND	1.0	ug/L	01/17/13	R/T	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
1,3-Dichlorobenzene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
1,3-Dichloropropane	ND	1.0	ug/L	01/17/13	R/T	SW8260	
1,4-Dichlorobenzene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
2,2-Dichloropropane	ND	1.0	ug/L	01/17/13	R/T	SW8260	
2-Chlorotoluene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
2-Hexanone	ND	5.0	ug/L	01/17/13	R/T	SW8260	
2-Isopropyltoluene	ND	1.0	ug/L	01/17/13	R/T	SW8260	1
4-Chlorotoluene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
4-Methyl-2-pentanone	ND	5.0	ug/L	01/17/13	R/T	SW8260	
Acetone	ND	25	ug/L	01/17/13	R/T	SW8260	

Project ID: 700 E241ST ST
Client ID: GW 9

Phoenix I.D.: BD20321

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Acrylonitrile	ND	5.0	ug/L	01/17/13	R/T	SW8260	
Benzene	ND	0.70	ug/L	01/17/13	R/T	SW8260	
Bromobenzene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
Bromochloromethane	ND	1.0	ug/L	01/17/13	R/T	SW8260	
Bromodichloromethane	ND	0.50	ug/L	01/17/13	R/T	SW8260	
Bromoform	ND	1.0	ug/L	01/17/13	R/T	SW8260	
Bromomethane	ND	1.0	ug/L	01/17/13	R/T	SW8260	
Carbon Disulfide	ND	5.0	ug/L	01/17/13	R/T	SW8260	
Carbon tetrachloride	ND	1.0	ug/L	01/17/13	R/T	SW8260	
Chlorobenzene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
Chloroethane	ND	1.0	ug/L	01/17/13	R/T	SW8260	
Chloroform	ND	1.0	ug/L	01/17/13	R/T	SW8260	
Chloromethane	ND	1.0	ug/L	01/17/13	R/T	SW8260	
cis-1,2-Dichloroethene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
cis-1,3-Dichloropropene	ND	0.50	ug/L	01/17/13	R/T	SW8260	1
Dibromochloromethane	ND	0.50	ug/L	01/17/13	R/T	SW8260	
Dibromomethane	ND	1.0	ug/L	01/17/13	R/T	SW8260	
Dichlorodifluoromethane	ND	1.0	ug/L	01/17/13	R/T	SW8260	
Ethylbenzene	1.5	1.0	ug/L	01/17/13	R/T	SW8260	
Hexachlorobutadiene	ND	0.40	ug/L	01/17/13	R/T	SW8260	
Isopropylbenzene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
m&p-Xylene	3.6	1.0	ug/L	01/17/13	R/T	SW8260	
Methyl ethyl ketone	ND	5.0	ug/L	01/17/13	R/T	SW8260	
Methyl t-butyl ether (MTBE)	530	50.0	ug/L	01/17/13	R/T	SW8260	
Methylene chloride	ND	1.0	ug/L	01/17/13	R/T	SW8260	
Naphthalene	2.3	1.0	ug/L	01/17/13	R/T	SW8260	
n-Butylbenzene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
n-Propylbenzene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
o-Xylene	1.8	1.0	ug/L	01/17/13	R/T	SW8260	
p-Isopropyltoluene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
sec-Butylbenzene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
Styrene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
tert-Butylbenzene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
Tetrachloroethene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
Tetrahydrofuran (THF)	ND	5.0	ug/L	01/17/13	R/T	SW8260	1
Toluene	1.6	1.0	ug/L	01/17/13	R/T	SW8260	
Total Xylenes	5.4	1.0	ug/L	01/17/13	R/T	SW8260	
trans-1,2-Dichloroethene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
trans-1,3-Dichloropropene	ND	0.50	ug/L	01/17/13	R/T	SW8260	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	01/17/13	R/T	SW8260	
Trichloroethene	ND	1.0	ug/L	01/17/13	R/T	SW8260	
Trichlorofluoromethane	ND	1.0	ug/L	01/17/13	R/T	SW8260	
Trichlorotrifluoroethane	ND	1.0	ug/L	01/17/13	R/T	SW8260	
Vinyl chloride	ND	1.0	ug/L	01/17/13	R/T	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	105		%	01/17/13	R/T	70 - 130 %	
% Bromofluorobenzene	94		%	01/17/13	R/T	70 - 130 %	
% Dibromofluoromethane	86		%	01/17/13	R/T	70 - 130 %	
% Toluene-d8	103		%	01/17/13	R/T	70 - 130 %	

Project ID: 700 E241ST ST
Client ID: GW 9

Phoenix I.D.: BD20321

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

1 = This parameter is not certified by 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 Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

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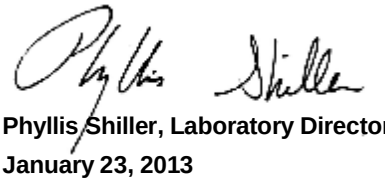

Phyllis Shiller, Laboratory Director
January 23, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

January 23, 2013

QA/QC Data

SDG I.D.: GBD20305

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 218776, QC Sample No: BD19436 (BD20307, BD20308, BD20309, BD20310, BD20311, BD20312, BD20313, BD20314, BD20315)													
Mercury - Soil	BRL	<0.06	<0.09	NC	88.9	91.0	2.3	90.5	87.6	3.3	70 - 130	30	
QA/QC Batch 218775, QC Sample No: BD19931 (BD20305, BD20306)													
Mercury - Soil	BRL	<0.09	<0.07	NC	102	110	7.5	116	NR	NC	70 - 130	30	
QA/QC Batch 218739, QC Sample No: BD20305 (BD20305, BD20306, BD20307, BD20308, BD20309, BD20310, BD20311, BD20312, BD20313, BD20314, BD20315)													
ICP Metals - Soil													
Aluminum	BRL	5570	5600	0.50	117	120	2.5	NC	NC	NC	75 - 125	30	
Antimony	BRL	<4.1	<4.1	NC	76.9	73.8	4.1	84.9	86.4	1.8	75 - 125	30	l
Arsenic	BRL	1.3	1.17	NC	90.3	93.1	3.1	88.6	89.5	1.0	75 - 125	30	
Barium	BRL	43.0	37.1	14.7	95.5	103	7.6	98.0	99.9	1.9	75 - 125	30	
Beryllium	BRL	<0.33	<0.33	NC	97.0	101	4.0	93.4	93.9	0.5	75 - 125	30	
Cadmium	BRL	<0.41	<0.41	NC	90.1	98.6	9.0	88.4	89.6	1.3	75 - 125	30	
Calcium	BRL	3560	6140	53.2	93.9	107	13.0	NC	NC	NC	75 - 125	30	r
Chromium	BRL	15.8	14.2	10.7	102	104	1.9	94.0	95.1	1.2	75 - 125	30	
Cobalt	BRL	3.45	3.63	5.10	94.6	100	5.5	93.2	93.8	0.6	75 - 125	30	
Copper	BRL	12.9	11.8	8.90	102	109	6.6	100	100	0.0	75 - 125	30	
Iron	BRL	10000	9810	1.90	101	101	0.0	NC	NC	NC	75 - 125	30	
Lead	BRL	7.12	5.11	32.9	89.3	91.1	2.0	85.2	86.1	1.1	75 - 125	30	r
Magnesium	BRL	2950	5010	51.8	93.2	92.9	0.3	NC	NC	NC	75 - 125	30	r
Manganese	BRL	200	189	5.70	96.1	103	6.9	82.6	81.8	1.0	75 - 125	30	
Nickel	BRL	12.2	11.8	3.30	99.9	106	5.9	92.6	93.3	0.8	75 - 125	30	
Potassium	BRL	1370	1080	23.7	114	117	2.6	>130	>130	NC	75 - 125	30	m
Selenium	BRL	<1.6	<1.6	NC	83.6	89.7	7.0	75.8	77.7	2.5	75 - 125	30	
Silver	BRL	<0.41	<0.41	NC	91.9	96.8	5.2	92.8	93.6	0.9	75 - 125	30	
Sodium	BRL	139	125	10.6	116	124	6.7	>130	>130	NC	75 - 125	30	m
Thallium	BRL	<0.7	<3.7	NC	95.3	99.2	4.0	93.3	93.9	0.6	75 - 125	30	
Vanadium	BRL	17.5	15.9	9.60	105	106	0.9	92.6	93.3	0.8	75 - 125	30	
Zinc	BRL	25.8	22.7	12.8	92.1	96.1	4.3	91.7	91.7	0.0	75 - 125	30	

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.

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

January 23, 2013

QA/QC Data

SDG I.D.: GBD20305

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 218747, QC Sample No: BD20310 (BD20305, BD20306, BD20307, BD20308, BD20309, BD20310, BD20311, BD20312, BD20313, BD20314, BD20315)												
Total Cyanide	BRL	<0.54	<0.54	NC	105			97.5			85 - 115	30

NY/NJ CHAIN OF CUSTODY RECORD

Temp 4° w/IR Pg 1 of 2

PHOENIX *Environmental Laboratories, Inc.*

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
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Client Services (860) 645-8726

Data Delivery:
☐ Fax #:
☒ Email: csosik@ebcincny.com

Customer: EBC
Address: 1808 Middle Country Rd Ridge, NY 11961

Project: 700 E241st St
Report to: EBC
Invoice to:

Project P.O:
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature:

Date: 1.15.13

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=oil
GW=groundwater SL=sludge A=air X=other

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260	SVOCs 8270	PEST/PCBs	Metals	Soil VOA X Methanol [ ] S. Bisulfate [ ] H2O	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [X] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
20305	B1 10-12	S	1.15.13		X	X	X	X		3	1							
20306	B2 10-12																	
20307	B3 3-5																	
20308	B3 10-12																	
20309	B4 5-7																	
20310	B5 10-12																	
20311	B6 3-5																	
20312	B7 10-12																	
20313	B8 13-15																	
20314	B9 12-14																	
20315	Duplicate	↓																
20316	GW 1	GW	↓		↓					3			3					

Relinquished by:	Accepted By:	Date:	Time:
		1.16.13	11:50
		1-16-13	1655

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
☒ TOGS GA GW
☒ CP-51 Soil
☒ NY375 Unrestricted Soil
☒ NY375 Residential Soil
☐ NY375 Restricted Non-Residential Soil

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

NY/NJ CHAIN OF CUSTODY RECORD

Temp 4° w/ IR Pg 2 of 2

PHOENIX
Environmental Laboratories, Inc.

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

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20317	GW3	GW	1.15.13		X				3						
20318	GW4														
20319	GW5														
20320	GW6														
20321	GW9														

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		1.16.13	11:50 AM
		1-16-13	1655

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