February 17, 2014

Allan Lebovits
Fulton BH Holdings LLC
266 Broadway, Suite 304
Brooklyn, New York 11211

Re: 840 Fulton Street, Brooklyn, NY 11211
Block 2010 Lot 25

Dear Mr. Lebovits:

Environmental Business Consultants (EBC) has prepared this report to summarize the findings of the Phase II subsurface investigation performed at the above referenced location.

Site Location and Description

The Site is located at 840 Fulton Street in Brooklyn, NY. The property is located on the southeast corner of Fulton Street and Vanderbilt Avenue, and is identified as Block 2010 Lot 25 on the New York City Tax Map. The location of the Site is shown in **Figure 1**. Lot 25 is an irregular shaped corner lot which includes 97.92 feet of frontage on Vanderbilt Avenue, 100.92 feet of frontage on Fulton Street, and 80 feet deep from Fulton Street. The total lot area is 9,881 sq. feet.

The site is improved with a single auto repair building occupying the southern portion of the property with the remaining area used as the main gas station pumping area. The Site is currently occupied by a Fulton Auto Repair and Coastal gas station. The Property is located within a densely urbanized area consisting of a mix of residential and commercial uses.

Site History

EBC was able to establish a history for the property dating back to 1887. From 1887 to 1938, the Site was identified as 838-840 Fulton and 485 Vanderbilt Avenue and developed with one (1) four-story commercial building occupied by stores. In 1950, the Site was identified as 840 Fulton Street and was developed with a commercial building occupied by a store. From 1969 to 2007, the Site was identified as 838-846 Fulton Street and 485-497 Vanderbilt Avenue and developed with a gas station. Historical commercial tenants include Great Atlantic & Pacific Tea Co (1928) and Fulton Auto Repair (2005, 2008, 2013).

Phase I ESA (EBC 2/14)

EBC performed a Phase I Environmental Site Assessment for the Site as part of the due diligence to complete the purchase of the property. The Phase I noted the following recognized environmental conditions (RECs) associated with the property:

- According to historical Sanborn maps, city directories, regulatory database and NYC DOB records, the Site has been developed as a filling station and auto repair facility from 1969 to present day. Filling stations are typically equipped with gasoline and or waste oil underground

storage tanks. Auto repair facilities typically store and utilize solvents and petroleum products on-site including oil, waste oil, antifreeze, battery acid, grease, antifreeze, solvent parts washers and brake cleaners. The current and former occupancy of the Site represents a recognized environmental concern.

- The Site was formerly equipped with one (1) 500-gallon gasoline UST and one (1) 12,500 gallon gasoline UST. The installation, removal date and collection of end point samples for these USTs is unknown. The lack of data regarding the former USTs represent a recognized environmental concern.

- According to the regulatory database, the Site is currently equipped with one (1) 500-gallon gasoline UST, one (1) 4,000-gallon diesel UST and two (2) 4,000-gallon gasoline USTs. These USTs were installed in 1976. Underground storage tanks can leak at fittings, through internal or external corrosion and during refilling impacting the sub-surface. The environmental risk associated with the use of UST systems increases over time, as these systems age. The presence and age of these USTs represents a recognized environmental concern.

- One (1) in ground hydraulic lift was noted on Site. The lift was presumably installed in 1969, when the building was constructed. Based on the pre-1977 installation of the lifts, the potential exists that the hydraulic fluid within the lift system previously contained polychlorinated biphenyls (PCBs). Due to the age of the equipment, the integrity of the equipment is unknown; therefore, the potential exists that a release of hydraulic fluid which may have contained PCBs has occurred onsite. Therefore, the presence of the hydraulic lifts represents a recognized environmental condition.

The Phase I recommended a phase II sub-surface investigation to determine if the current and historical gasoline station and auto repair operations, former USTs, current USTs have impacted the sub-surface. The report also recommended subsurface sampling in the vicinity of the in-ground lift upon removal.

The Phase I noted that the property was assigned an E-designation for Hazmat and Noise as part of the Fort Greene / Clinton Hill Rezoning action completed by the City in July 2007 (CEQR 07DCP066K) and that a full environmental review and issuance of a Notice to Proceed was required by the NYC Office of Environmental Remediation (OER) before building permits can be obtained.

Soil Sampling

Five soil boring locations were selected as shown on **Figure 2**. Each boring was performed outside of the auto repair facility and spread across the gas station filling area. These soil borings were also situated on each side of the existing tanks. At each soil boring location, soil samples were collected continuously in 5 foot intervals using a track-mounted Geoprobe™ sampling system. The Geoprobe™ uses a direct push hydraulic percussion system to drive and retrieve core samplers. Soil samples were retrieved using a 2-inch diameter, 5-foot long macro-core sampler with disposable acetate liners.
Soil recovered from each boring within the plastic liner was characterized by an experienced environmental technician and field screened for the presence of volatile organic compounds (VOCs) using a photo-ionization detector (PID) and visually inspected for evidence of contamination. Two soil samples were retained from each soil boring location representing the intervals 0 to 2 feet and 12 to 14 feet below grade. Some soil boring locations (SB2 and SB5) were met with repeated refusal and the deepest soil sample was retained (8 to 10 feet).

The soil samples were collected in pre-cleaned, laboratory supplied glassware, stored in a cooler with ice and delivered by laboratory dispatched courier 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 soil sample was analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds, pesticides, PCBS and TAL metals.

Groundwater Sampling

Due to an expected groundwater depth of approximately 68 feet below grade and repeated rejection at depths of 15 to 20 feet, groundwater samples were not collected during this investigation.

Soil Gas Sampling

A total of four soil gas sampling points were installed across the site, as shown on **Figure 2**. Three of the four soil gas sampling locations (SG-1 through SG-3) were installed to a depth of 14 feet. After repeated attempts were met with refusal, SG-4 was installed to a depth of 10 feet below surface grade.

Prior to sampling, each sampling location was tested to ensure a proper surface seal had been obtained. In accordance with NYSDOH guidance (NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005), a tracer gas (helium) was used as a quality assurance/quality control device to verify the integrity of the sampling point seal prior to collecting the samples. Prior to testing and collecting samples, the surface immediately surrounding the polyethylene tubing of the vapor implant was sealed using a 1ft by 1ft square sheet of plastic adhered to a wetted layer of granular bentonite. The seal was then tested by enriching the air space above the seal with a tracer gas (helium) while continuously monitoring air drawn from the implant with a helium detector. No surface seal leaks were observed at any of the locations.

Following verification that the surface seal was tight, one to three volumes of air was purged from the implant using a vacuum pump. After purging, a 6-liter SUMMA® canister, fitted with a 2-hour regulator, was attached to the surface tube of each of the implants. The four soil gas samples were collected and submitted 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) for analysis of volatile organic compounds (VOCs) by method TO-15.

Results

Soil

Samples were retained from the 0 to 2 foot interval of each boring, the 8-10 foot interval for borings SB2 and SB5, and the 12 to 14 foot interval for boring SB1, SB3, and SB4. No elevated PID readings or odors were observed within the soil recovered from soil borings SB1 through SB3. Slightly elevated PID readings and odors were detected in the shallow fill recovered from soil borings SB4 and SB5. Soil was characterized as historic fill followed by brown sand to the completion of depth of 15 feet. Boring logs are included in **Appendix A**.
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** through **4**, and a copy of the laboratory analytical reports are included in **Appendix B**.

As presented in **Table 1**, no VOCs were detected above Unrestricted Use SCOs within nine of the ten soil samples collected. Acetone and m&p-Xylenes were detected slightly above their respective Unrestricted Use SCOs in sample SB3 (0-3ft). Acetone is a common laboratory introduced compound, and is not considered a concern for this Site.

As presented in **Table 2**, several SVOCs were detected above Restricted Residential SCOs within the shallow (0-2ft) samples obtained from borings SB1 and SB4. The SVOCs detected were PAHs with concentrations common in fill material found throughout the five boroughs.

As presented in **Table 3**, one pesticide, 4,4'-DDT, was detected above Unrestricted Use SCOs in the shallow (0-2ft) samples obtained from borings SB1, SB4, and SB5. One PCB, PCB-1260, was detected above Unrestricted Use SCOs in the shallow (0-2ft) sample obtained from boring SB3.

As presented in **Table 4**, several common historic fill related metals were detected above Unrestricted Use and Restricted Residential Use SCOs within the shallow soil samples SB1, SB2, SB3, and SB4 obtained from the Site. These metals included Arsenic, Barium, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, and Zinc. Slighlty elevated levels of Chromium and or Nickel were detected in each of the deeper soil samples with the exception of SB5 (8-10ft). The highest concentrations of metals were detected at boring location SB1.

Soil Vapor

Soil vapor results, as summarized in **Table 5**, show elevated levels of petroleum in one of the four samples retained (SG-3) and slightly elevated levels of chlorinated VOCs in two of the four samples retained (SG-1 and SG-3). The chlorinated VOC Tetrachloroethene (PCE) was detected in soil gas sample SG-1 at a concentration where NYSDOH Soil Vapor/Indoor Air Matrix 2 would require at minimum monitoring. Similarly, Trichloroethene (TCE) was detected in soil gas sample SG-1 and SG-2 at a concentration where NYSDOH Soil Vapor/Indoor Air Matrix 1 would require at minimum monitoring. Several petroleum VOCs including Cyclohexane, Hexane, and Propylene were detected at elevated concentration in soil gas sample SG-3. Soil gas samples SG-2 and SG-4 showed low to moderate background levels of VOCs. A copy of the laboratory analytical report is included in **Appendix B**.

Conclusions

Subsurface soil at the Site consisted of urban/historic fill, which was primarily comprised of brick, concrete, gravel and other debris in a brown sandy matrix, to a depth of approximately 10 to 12 feet below grade. The historic fill was underlain by brown sand and coarse gravel to the boring termination depth of 15 feet below grade. SVOCs, pesticides and metals detected in shallow soil are consistent with observations for historic fill sites in areas throughout NYC. Slightly elevated levels of petroleum related VOCs were observed in some of the shallow soil borings with only one compound (m&p-Xylenes) reported above Unrestricted Use SCOs in a single boring (SB3). Since petroleum VOCs were not reported in the deeper sample from this location, the xylene reported in the shallow soil is likely related to incidental surface spillage at the adjacent pump dispenser.

The laboratory results detected moderate concentrations of petroleum related VOCs in the soil gas samples with the exception of sample SG-3, where concentrations were much higher. Note that only lighter end gasoline components were reported at elevated concentrations in this sample. The location of this sample (adjacent to dispenser) and the absence of BTEX components are consistent with incidental spillage at the dispenser and not a substantial release associated with the UST system.

Chlorinated VOCs including PCE and TCE were reported at elevated levels in two of the four soil gas samples collected at the Site (SG1, SG3). Based on the wide separation between the sample locations, the absence of CVOC detections in SG4 and the absence of elevated CVOC detections in the soil borings, there does not appear to be any correlation to historic use of the Site.

Based on the results of this investigation there is no indication that a release of petroleum associated with the current or previous UST systems has occurred at the Site. However, it must be noted that due to reasonable precautions, borings could not be located immediately adjacent to the underground tanks or the dispensers. As such, it remains possible that a release has occurred which was not detected by this investigation. We therefore recommend that a contingency plan be prepared to report, excavate and dispose of petroleum impacted soil should it be encountered during UST removal or excavation for the new building foundation.

In addition, under the E-designation all soil must be properly managed, documented and disposed of during site redevelopment. Based on the depth of the historic fill materials present, all excavated soil will require disposal at a New Jersey Class B facility.

Due to elevated CVOC levels in soil gas, a subslab depressurization system (SSDS) and chemically compatible vapor barrier will be required beneath the new building's foundation. Soil management / disposal, air monitoring / health and safety oversight and SSDS design / documentation must all be coordinated with and approved by OER through the submittal of Remedial Work Plans, daily status reports and a final Remedial Action Report.

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

Very truly yours,
Environmental Business Consultants

Dominick Mosca
Environmental Scientist

Charles B. Sosik, P.G., P.H.G.
Principal

TABLES

TABLE 1
840 Fulton Avenue
Brooklyn, New York
Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	SB1				SB2				SB3				SB4				SB5				Duplicate	
			(0-2') mg/Kg		(12-14') mg/Kg		(0-2') mg/Kg		(8-10') mg/Kg		(0-2') mg/Kg		(12-14') mg/Kg		(0-2') mg/Kg		(12-14') mg/Kg		(0-2') mg/Kg		(8-10') mg/Kg		µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane			ND	5.7	ND	5.3	ND	5.4	ND	5.4	ND	5.7	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
1,1,1-Trichloroethane	680	100,000	ND	5.7	ND	5.3	ND	5.4	ND	5.4	ND	5.7	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
1,1,2,2-Tetrachloroethane			ND	5.7	ND	5.3	ND	5.4	ND	5.4	ND	5.7	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
1,1,2-Trichloroethane			ND	5.7	ND	5.3	ND	5.4	ND	5.4	ND	5.7	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
1,1-Dichloroethane	270	26,000	ND	5.7	ND	5.3	ND	5.4	ND	5.4	ND	5.7	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
1,1-Dichloroethene	330	100,000	ND	5.7	ND	5.3	ND	5.4	ND	5.4	ND	5.7	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
1,1-Dichloropropene			ND	5.7	ND	5.3	ND	5.4	ND	5.4	ND	5.7	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
1,2,3-Trichlorobenzene			ND	280	ND	5.3	ND	5.4	ND	5.4	ND	290	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
1,2,3-Trichloropropane			ND	280	ND	5.3	ND	5.4	ND	5.4	ND	290	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
1,2,4-Trichlorobenzene			ND	280	ND	5.3	ND	5.4	ND	5.4	ND	290	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
1,2,4-Trimethylbenzene	3,600	52,000	ND	280	ND	5.3	ND	5.4	**1.7**	5.4	**730**	290	ND	5.4	**24**	5.6	ND	5.4	**910**	280	**240**	5.8	**2.8**	5.5
1,2-Dibromo-3-chloropropane			ND	280	ND	5.3	ND	5.4	ND	5.4	ND	290	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
1,2-Dibromoethane			ND	5.7	ND	5.3	ND	5.4	ND	5.4	ND	5.7	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
1,2-Dichlorobenzene	1,100	100,000	ND	280	ND	5.3	ND	5.4	ND	5.4	ND	290	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
1,2-Dichloroethane	20	3,100	ND	5.7	ND	5.3	ND	5.4	ND	5.4	ND	5.7	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
1,2-Dichloropropane			ND	5.7	ND	5.3	ND	5.4	ND	5.4	ND	5.7	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
1,3,5-Trimethylbenzene	8,400	52,000	ND	280	ND	5.3	ND	5.4	ND	5.4	**290**	290	ND	5.4	**14**	5.6	ND	5.4	**330**	280	**82**	5.8	**1**	5.5
1,3-Dichlorobenzene	2,400	49,000	ND	280	ND	5.3	ND	5.4	ND	5.4	ND	290	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
1,3-Dichloropropane			ND	5.7	ND	5.3	ND	5.4	ND	5.4	ND	5.7	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
1,4-Dichlorobenzene	1,800	13,000	ND	280	ND	5.3	ND	5.4	ND	5.4	ND	290	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
2,2-Dichloropropane			ND	5.7	ND	5.3	ND	5.4	ND	5.4	ND	5.7	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
2-Chlorotoluene			ND	280	ND	5.3	ND	5.4	ND	5.4	ND	290	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
2-Hexanone (Methyl Butyl Ketone)			ND	28	ND	26	ND	27	ND	27	ND	29	ND	27	ND	28	ND	27	ND	28	ND	29	ND	27
2-Isopropyltoluene			ND	280	ND	5.3	ND	5.4	ND	5.4	ND	290	ND	5.4	ND	5.6	ND	5.4	**5**	5.6	ND	5.8	ND	5.5
4-Chlorotoluene			ND	280	ND	5.3	ND	5.4	ND	5.4	ND	290	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
4-Methyl-2-Pentanone			ND	28	ND	26	ND	27	ND	27	ND	29	ND	27	ND	28	ND	27	ND	28	ND	29	ND	27
Acetone	50	100,000	**33**	50	ND	50	ND	50	ND	50	**56**	50	**17**	50	ND	50	**37**	50	**33**	50	**8.1**	50	ND	50
Acrylonitrile			ND	11	ND	11	ND	11	ND	11	ND	11	ND	11	ND	11	ND	11	ND	11	ND	12	ND	11
Benzene	60	4,800	ND	5.7	ND	5.3	ND	5.4	ND	5.4	ND	5.7	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
Bromobenzene			ND	280	ND	5.3	ND	5.4	ND	5.4	ND	290	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
Bromochloromethane			ND	5.7	ND	5.3	ND	5.4	ND	5.4	ND	5.7	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
Bromodichloromethane			ND	5.7	ND	5.3	ND	5.4	ND	5.4	ND	5.7	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
Bromoform			ND	5.7	ND	5.3	ND	5.4	ND	5.4	ND	5.7	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
Bromomethane			ND	5.7	ND	5.3	ND	5.4	ND	5.4	ND	5.7	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
Carbon Disulfide			ND	5.7	ND	5.3	ND	5.4	ND	5.4	ND	5.7	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
Carbon tetrachloride	760	2,400	ND	5.7	ND	5.3	ND	5.4	ND	5.4	ND	5.7	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
Chlorobenzene	1,100	100,000	ND	5.7	ND	5.3	ND	5.4	ND	5.4	ND	5.7	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
Chloroethane			ND	5.7	ND	5.3	ND	5.4	ND	5.4	ND	5.7	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
Chloroform	370	49,000	ND	5.7	ND	5.3	ND	5.4	ND	5.4	ND	5.7	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
Chloromethane			ND	5.7	ND	5.3	ND	5.4	ND	5.4	ND	5.7	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
cis-1,2-Dichloroethene	250	100,000	ND	5.7	ND	5.3	ND	5.4	ND	5.4	ND	5.7	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
cis-1,3-Dichloropropene			ND	5.7	ND	5.3	ND	5.4	ND	5.4	ND	5.7	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
Dibromochloromethane			ND	5.7	ND	5.3	ND	5.4	ND	5.4	ND	5.7	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
Dibromomethane			ND	5.7	ND	5.3	ND	5.4	ND	5.4	ND	5.7	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
Dichlorodifluoromethane			ND	5.7	ND	5.3	ND	5.4	ND	5.4	ND	5.7	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
Ethylbenzene	1,000	41,000	ND	5.7	ND	5.3	ND	5.4	ND	5.4	**7**	5.7	ND	5.4	ND	5.6	ND	5.4	**4**	5.6	**1.3**	5.8	ND	5.5
Hexachlorobutadiene			ND	280	ND	5.3	ND	5.4	ND	5.4	ND	290	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
Isopropylbenzene			ND	280	ND	5.3	ND	5.4	ND	5.4	ND	290	ND	5.4	ND	5.6	ND	5.4	**10**	5.6	**2.2**	5.8	ND	5.5
m&p-Xylenes	260	100,000	**8**	5.7	ND	5.3	ND	5.4	ND	5.4	**400**	290	ND	5.4	**6**	5.6	ND	5.4	**110**	5.6	**42**	5.8	ND	5.5
Methyl Ethyl Ketone (2-Butanone)	120	100,000	**6.6**	34	ND	32	ND	32	ND	32	**10**	34	ND	33	ND	34	**7.8**	33	**6.6**	33	ND	35	ND	33
Methyl t-butyl ether (MTBE)	930	100,000	ND	11	ND	11	ND	11	ND	11	ND	11	ND	11	ND	11	ND	11	ND	11	ND	12	ND	11
Methylene chloride	50	100,000	**1.6**	5.7	**1.4**	5.3	**1.4**	5.4	**1.2**	5.4	**2.2**	5.7	**1.3**	5.4	**1.7**	5.6	**1.5**	5.4	**1.4**	5.6	**1.8**	5.8	**1.3**	5.5
Naphthalene	12,000	100,000	ND	280	ND	5.3	ND	5.4	**1.6**	5.4	ND	290	ND	5.4	**20**	5.6	ND	5.4	**580**	280	**52**	5.8	ND	5.5
n-Butylbenzene	12,000	100,000	ND	280	ND	5.3	ND	5.4	ND	5.4	ND	290	ND	5.4	< 5.6	5.6	ND	5.4	**28**	5.6	**5.1**	5.8	ND	5.5
n-Propylbenzene	3,900	100,000	ND	280	ND	5.3	ND	5.4	ND	5.4	ND	290	ND	5.4	**1.2**	5.6	ND	5.4	**31**	5.6	**8.3**	5.8	ND	5.5
o-Xylene	260	100,000	**6.8**	5.7	ND	5.3	ND	5.4	ND	5.4	**130**	5.7	ND	5.4	**7.1**	5.6	ND	5.4	**84**	5.6	**32**	5.8	ND	5.5
p-Isopropyltoluene			ND	280	ND	5.3	ND	5.4	ND	5.4	ND	290	ND	5.4	ND	5.6	ND	5.4	**13**	5.6	**1.6**	5.8	ND	5.5
sec-Butylbenzene	11,000	100,000	ND	280	ND	5.3	ND	5.4	ND	5.4	ND	290	ND	5.4	ND	5.6	ND	5.4	**18**	5.6	**2.3**	5.8	ND	5.5
Styrene			ND	5.7	ND	5.3	ND	5.4	ND	5.4	ND	5.7	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
tert-Butylbenzene	5,900	100,000	ND	280	ND	5.3	ND	5.4	ND	5.4	ND	290	ND	5.4	ND	5.6	ND	5.4	**1.1**	5.6	ND	5.8	ND	5.5
Tetrachloroethene	1,300	19,000	**12**	5.7	**1.2**	5.3	ND	5.4	ND	5.4	ND	5.7	ND	5.4	ND	5.6	ND	5.4	**2.8**	5.6	**1.6**	5.8	ND	5.5
Tetrahydrofuran (THF)			ND	11	ND	11	ND	11	ND	11	ND	11	ND	11	ND	11	ND	11	ND	11	ND	12	ND	11
Toluene	700	100,000	ND	5.7	ND	5.3	ND	5.4	ND	5.4	**1.5**	5.7	ND	5.4	ND	5.6	ND	5.4	**0.96**	5.6	ND	5.8	ND	5.5
trans-1,2-Dichloroethene	190	100,000	ND	5.7	ND	5.3	ND	5.4	ND	5.4	ND	5.7	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
trans-1,3-Dichloropropene			ND	5.7	ND	5.3	ND	5.4	ND	5.4	ND	5.7	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
trabs-1,4-dichloro-2-butene			ND	570	ND	11	ND	11	ND	11	ND	570	ND	11	ND	11	ND	11	ND	11	ND	12	ND	11
Trichloroethene	470	21,000	ND	5.7	ND	5.3	ND	5.4	ND	5.4	ND	5.7	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
Trichlorofluoromethane			ND	5.7	ND	5.3	ND	5.4	ND	5.4	ND	5.7	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
Trichlorotrifluoroethane			ND	5.7	ND	5.3	ND	5.4	ND	5.4	ND	5.7	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5
Vinyl Chloride	20	900	ND	5.7	ND	5.3	ND	5.4	ND	5.4	ND	5.7	ND	5.4	ND	5.6	ND	5.4	ND	5.6	ND	5.8	ND	5.5

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
840 Fulton Avenue
Brooklyn, New York
Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	SB1				SB2				SB3				SB4				SB5				Duplicate	
			(0-2')		(12-14')		(0-2')		(8-10')		(0-2')		(12-14')		(0-2')		(12-14')		(0-2')		(8-10')			
			mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene			ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
1,2,4-Trichlorobenzene			ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
1,2-Dichlorobenzene			ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
1,2-Diphenylhydrazine			ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
1,3-Dichlorobenzene			ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
1,4-Dichlorobenzene			ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
2,4,5-Trichlorophenol			ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
2,4,6-Trichlorophenol			ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
2,4-Dichlorophenol			ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
2,4-Dimethylphenol			ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
2,4-Dinitrophenol			ND	1,800	ND	1,800	ND	1,800	ND	1,800	ND	1,900	ND	1,800	ND	19,000	ND	1,800	ND	1,800	ND	1,900	ND	9,100
2,4-Dinitrotoluene			ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
2,6-Dinitrotoluene			ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
2-Chloronaphthalene			ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
2-Chlorophenol			ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
2-Methylnaphthalene			ND	260	ND	250	ND	250	ND	250	**350**	270	ND	250	ND	2600	ND	250	**2,900**	260	ND	270	ND	1300
2-Methylphenol (o-cresol)	330	100,000	ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
2-Nitroaniline			ND	1,800	ND	1,800	ND	1,800	ND	1,800	ND	1,900	ND	1,800	ND	19,000	ND	1,800	ND	1,800	ND	1,900	ND	9,100
2-Nitrophenol			ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
3&4-Methylphenol (m&p-cresol)			ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
3,3'-Dichlorobenzidine			ND	730	ND	710	ND	710	ND	700	ND	760	ND	720	ND	7400	ND	710	ND	730	ND	760	ND	3600
3-Nitroaniline			ND	1,800	ND	1,800	ND	1,800	ND	1,800	ND	1,900	ND	1,800	ND	19,000	ND	1,800	ND	1,800	ND	1,900	ND	9,100
4,6-Dinitro-2-methylphenol			ND	1,800	ND	1,800	ND	1,800	ND	1,800	ND	1,900	ND	1,800	ND	19,000	ND	1,800	ND	1,800	ND	1,900	ND	9,100
4-Bromophenyl phenyl ether			ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
4-Chloro-3-methylphenol			ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
4-Chloroaniline			ND	730	ND	710	ND	710	ND	700	ND	760	ND	720	ND	7400	ND	710	ND	730	ND	760	ND	3600
4-Chlorophenyl phenyl ether			ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
4-Nitroaniline			ND	1,800	ND	1,800	ND	1,800	ND	1,800	ND	1,900	ND	1,800	ND	19,000	ND	1,800	ND	1,800	ND	1,900	ND	9,100
4-Nitrophenol			ND	1,800	ND	1,800	ND	1,800	ND	1,800	ND	1,900	ND	1,800	ND	19,000	ND	1,800	ND	1,800	ND	1,900	ND	9,100
Acenaphthene	20,000	100,000	**190**	260	ND	250	ND	250	ND	250	ND	270	ND	250	**1,400**	2600	ND	250	ND	260	ND	270	ND	1300
Acenaphthylene	100,000	100,000	**130**	260	ND	250	ND	250	ND	250	ND	270	ND	250	**1,400**	2600	ND	250	ND	260	ND	270	ND	1300
Acetophenone			ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
Aniline			ND	1,800	ND	1,800	ND	1,800	ND	1,800	ND	1,900	ND	1,800	ND	19,000	ND	1,800	ND	1,800	ND	1,900	ND	9,100
Anthracene	100,000	100,000	**410**	260	ND	250	ND	250	ND	250	ND	270	ND	250	**7,900**	2600	ND	250	**160**	260	ND	270	ND	1300
Benz(a)anthracene	1,000	1,000	**1,300**	260	ND	250	**260**	250	ND	250	ND	270	ND	250	**21,000**	2600	ND	250	**400**	260	**190**	270	ND	1000
Benzidine			ND	730	ND	710	ND	710	ND	700	ND	760	ND	720	ND	7400	ND	710	ND	730	ND	760	ND	3600
Benzo(a)pyrene	1,000	1,000	**1,100**	260	ND	250	**220**	250	ND	250	ND	270	ND	250	**17,000**	2600	**200**	250	**360**	260	**170**	270	ND	1000
Benzo(b)fluoranthene	1,000	1,000	**1,600**	260	ND	250	**330**	250	ND	250	**220**	270	ND	250	**24,000**	2600	**170**	250	**520**	260	**270**	270	ND	1000
Benzo(ghi)perylene	100,000	100,000	**540**	260	ND	250	ND	250	ND	250	**170**	270	ND	250	**11,000**	2600	**210**	250	**240**	260	**140**	270	ND	1300
Benzo(k)fluoranthene	800	3,900	**510**	260	ND	250	ND	250	ND	250	ND	270	ND	250	**5,600**	2600	ND	250	**190**	260	**< 270**	270	ND	800
Benzoic acid			ND	1,800	ND	1,800	ND	1,800	ND	1,800	ND	1,900	ND	1,800	ND	19,000	ND	1,800	ND	1,800	ND	1,900	ND	9,100
Benzyl butyl phthalate			ND	260	ND	250	ND	250	ND	250	**220**	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
Bis(2-chloroethoxy)methane			ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
Bis(2-chloroethyl)ether			ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
Bis(2-chloroisopropyl)ether			ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
Bis(2-ethylhexyl)phthalate			ND	260	ND	250	ND	250	ND	250	**380**	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
Carbazole			**300**	1,800	ND	1,800	ND	1,800	ND	1,800	ND	1,900	ND	1,800	**3,000**	19,000	ND	1,800	ND	1,800	ND	1,900	ND	9,100
Chrysene	1,000	3,900	**1,300**	260	ND	250	**270**	250	ND	250	**140**	270	ND	250	**20,000**	2600	ND	250	**380**	260	**190**	270	ND	1000
Dibenz(a,h)anthracene	330	330	**180**	260	ND	250	ND	250	ND	250	ND	270	ND	250	**2,500**	2600	ND	250	ND	260	ND	270	ND	1300
Dibenzofuran			**110**	260	ND	250	ND	250	ND	250	ND	270	ND	250	**1,800**	2600	ND	250	ND	260	ND	270	ND	1300
Diethyl phthalate			ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
Dimethylphthalate			ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
Di-n-butylphthalate			ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
Di-n-octylphthalate			ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
Fluoranthene	100,000	100,000	**2,500**	260	ND	250	**510**	250	ND	250	ND	270	ND	250	**59,000**	2600	ND	250	**840**	260	**350**	270	**930**	1300
Fluorene	30,000	100,000	**160**	260	ND	250	ND	250	ND	250	ND	270	ND	250	**2,400**	2600	ND	250	ND	260	ND	270	ND	1300
Hexachlorobenzene			ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
Hexachlorobutadiene			ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
Hexachlorocyclopentadiene			ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
Hexachloroethane			ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
Indeno(1,2,3-cd)pyrene	500	500	**540**	260	ND	250	ND	250	ND	250	ND	270	ND	250	**9,900**	2600	**210**	250	**210**	260	ND	270	ND	1300
Isophorone			ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
Naphthalene	12,000	100,000	**190**	260	ND	250	ND	250	ND	250	**170**	270	ND	250	**1,100**	2600	ND	250	**1,300**	260	ND	270	ND	1300
Nitrobenzene			ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
N-Nitrosodimethylamine			ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
N-Nitrosodi-n-propylamine			ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
N-Nitrosodiphenylamine			ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
Pentachloronitrobenzene			ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
Pentachlorophenol	800	6,700	ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	800
Phenanthrene	100,000	100,000	**1,900**	260	ND	250	**550**	250	ND	250	**140**	270	ND	250	**42,000**	2600	ND	250	**870**	260	**350**	270	**920**	1300
Phenol	330	100,000	ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300
Pyrene	100,000	100,000	**2,100**	260	ND	250	**440**	250	ND	250	**180**	270	ND	250	**50,000**	2600	ND	250	**750**	260	**300**	270	**780**	1300
Pyridine			ND	260	ND	250	ND	250	ND	250	ND	270	ND	250	ND	2600	ND	250	ND	260	ND	270	ND	1300

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 3
840 Fulton Avenue
Brooklyn, New York
Soil Analytical Results
Pesticides PCBs

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	SB1				SB2				SB3				SB4				SB5				Duplicate	
			(0-2') mg/Kg		(12-14') mg/Kg		(0-2') mg/Kg		(8-10') mg/Kg		(0-2') mg/Kg		(12-14') mg/Kg		(0-2') mg/Kg		(12-14') mg/Kg		(0-2') mg/Kg		(8-10') mg/Kg		µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
4,4' -DDD	3.3	2,600	ND	2.7	ND	2.5	ND	2.6	ND	2.6	ND	14	ND	2.5	ND	13	ND	2.6	ND	2.6	ND	2.7	ND	2.6
4,4' -DDE	3.3	8,900	ND	2.7	ND	2.5	ND	2.6	ND	2.6	ND	14	ND	2.5	ND	13	ND	2.6	ND	2.6	ND	2.7	ND	2.6
4,4' -DDT	3.3	7,900	**94**	13	ND	2.5	ND	2.6	ND	2.6	ND	22	ND	2.5	**31**	13	ND	2.6	**8**	2.6	ND	2.7	ND	2.6
a-BHC	20	480	ND	1.8	ND	1.7	ND	1.8	ND	1.8	ND	9.4	ND	1.8	ND	9.1	ND	1.8	ND	1.8	ND	1.8	ND	1.8
Alachlor			ND	3.7	ND	3.5	ND	3.6	ND	3.6	ND	19	ND	3.5	ND	18	ND	3.6	ND	3.6	ND	3.7	ND	3.6
Aldrin	5	97	ND	1.8	ND	1.7	ND	1.8	ND	1.8	ND	9.4	ND	1.8	ND	9.1	ND	1.8	ND	1.8	ND	1.8	ND	1.8
b-BHC	36	360	ND	1.8	ND	1.7	ND	1.8	ND	1.8	ND	9.4	ND	1.8	ND	9.1	ND	1.8	ND	1.8	ND	1.8	ND	1.8
Chlordane	94	4,200	ND	22	ND	21	ND	21	ND	21	ND	150	ND	21	ND	110	ND	21	ND	22	ND	22	ND	22
d-BHC	40	100,000	ND	1.8	ND	1.7	ND	1.8	ND	1.8	ND	9.4	ND	1.8	ND	9.1	ND	1.8	ND	1.8	ND	1.8	ND	1.8
Dieldrin	5	200	ND	1.8	ND	1.7	ND	1.8	ND	3	ND	9.4	ND	1.8	ND	9.1	ND	1.8	ND	1.8	ND	1.8	ND	1.8
Endosulfan I	2,400	24,000	ND	3.7	ND	3.5	ND	3.6	ND	3.6	ND	19	ND	3.5	ND	18	ND	3.6	ND	3.6	ND	3.7	ND	3.6
Endosulfan II	2,400	24,000	ND	3.7	ND	3.5	ND	3.6	ND	3.6	ND	19	ND	3.5	ND	18	ND	3.6	ND	3.6	ND	3.7	ND	3.6
Endosulfan sulfate	2,400	24,000	ND	3.7	ND	3.5	ND	3.6	ND	3.6	ND	19	ND	3.5	ND	18	ND	3.6	ND	3.6	ND	3.7	ND	3.6
Endrin	14	11,000	ND	1.8	ND	1.7	ND	1.8	ND	1.8	ND	9.4	ND	1.8	ND	9.1	ND	1.8	ND	1.8	ND	1.8	ND	1.8
Endrin aldehyde			ND	3.7	ND	3.5	ND	3.6	ND	3.6	ND	19	ND	3.5	ND	18	ND	3.6	ND	3.6	ND	3.7	ND	3.6
Endrin ketone			ND	1.8	ND	1.7	ND	1.8	ND	1.8	ND	9.4	ND	1.8	ND	9.1	ND	1.8	ND	1.8	ND	1.8	ND	1.8
g-BHC			ND	1.8	ND	1.7	ND	1.8	ND	1.8	ND	9.4	ND	1.8	ND	9.1	ND	1.8	ND	1.8	ND	1.8	ND	1.8
Heptachlor	42	2,100	ND	3.7	ND	3.5	ND	3.6	ND	3.6	ND	19	ND	3.5	ND	18	ND	3.6	ND	3.6	ND	3.7	ND	3.6
Heptachlor epoxide			ND	1.8	ND	1.7	ND	1.8	ND	1.8	ND	9.4	ND	1.8	ND	9.1	ND	1.8	ND	1.8	ND	1.8	ND	1.8
Methoxychlor			ND	1.8	ND	1.7	ND	1.8	ND	1.8	ND	9.4	ND	1.8	ND	9.1	ND	1.8	ND	1.8	ND	1.8	ND	1.8
Toxaphene			ND	15	ND	7	ND	7.2	ND	7.1	ND	38	ND	7.1	ND	36	ND	7.1	ND	7.2	ND	7.4	ND	7.2
PCB-1016	100	1,000	ND	180	ND	170	ND	180	ND	180	ND	940	ND	180	ND	910	ND	180	ND	180	ND	180	ND	180
PCB-1221	100	1,000	ND	37	ND	35	ND	38	ND	36	ND	38	ND	35	ND	37	ND	37	ND	37	ND	36	ND	37
PCB-1232	100	1,000	ND	37	ND	35	ND	38	ND	36	ND	38	ND	35	ND	37	ND	37	ND	37	ND	36	ND	37
PCB-1242	100	1,000	ND	37	ND	35	ND	38	ND	36	ND	38	ND	35	ND	37	ND	37	ND	37	ND	36	ND	37
PCB-1248	100	1,000	ND	37	ND	35	ND	38	ND	36	ND	38	ND	35	ND	37	ND	37	ND	37	ND	36	ND	37
PCB-1254	100	1,000	ND	37	ND	35	ND	38	ND	36	ND	38	ND	35	ND	37	ND	37	ND	37	ND	36	ND	37
PCB-1260	100	1,000	**63**	37	ND	35	ND	38	ND	36	**300**	38	ND	35	ND	37	ND	37	ND	37	ND	36	ND	37
PCB-1262	100	1,000	ND	37	ND	35	ND	38	ND	36	ND	38	ND	35	ND	37	ND	37	ND	37	ND	36	ND	37
PCB-1268	100	1,000	ND	37	ND	35	ND	38	ND	36	ND	38	ND	35	ND	37	ND	37	ND	37	ND	36	ND	37

Notes:

* Due to matrix interference from non target compounds in the sample an elevated RL was reported.

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

ND - Non-Detect

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

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

TABLE 4
840 Fulton Avenue
Brooklyn, New York
Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	SB1				SB2				SB3				SB4				SB5				Duplicate	
			(0-2') mg/Kg		(12-14') mg/Kg		(0-2') mg/Kg		(8-10') mg/Kg		(0-2') mg/Kg		(12-14') mg/Kg		(0-2') mg/Kg		(12-14') mg/Kg		(0-2') mg/Kg		(8-10') mg/Kg		mg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum			**7,830**	38	**8,770**	35	**11,500**	34	**11,900**	33	**6,160**	34	**7,820**	39	**7,570**	38	**8,850**	35	**6,350**	38	**10,400**	38	**9,480**	36
Antimony			**2.3**	1.9	< 1.8	1.8	< 1.7	1.7	< 1.6	1.6	< 1.7	1.7	< 1.9	1.9	< 1.9	1.9	< 1.8	1.8	< 1.9	1.9	< 1.9	1.9	< 1.8	1.8
Arsenic	13	16	**4.8**	0.8	**1.30**	0.7	**3.00**	0.7	**1.60**	0.7	**18.1**	0.7	**0.90**	0.8	**9.80**	0.8								
Barium	350	400	**1,140**	0.8	**41.30**	0.7	**55**	0.7	**66**	0.7	**117**	0.7	**48**	0.8	**238**	0.8	**52**	0.7	**62**	0.8	**83**	0.8	**51**	0.7
Beryllium	7.2	72	**0.40**	0.31	**0.40**	0.28	**0.53**	0.27	**0.58**	0.26	**0.28**	0.27	**0.39**	0.31	**0.40**	0.3	**0.53**	0.28	**0.30**	0.3	**0.52**	0.31	**0.45**	0.29
Cadmium	2.5	4.3	**1.54**	0.38	< 0.35	0.35	**0.23**	0.34	< 0.33	0.33	**2.9**	0.34	< 0.39	0.39	**1.00**	0.38	**0.36**	0.35	< 0.38	0.38	**0.19**	0.38	**0.26**	0.36
Calcium			**45,700**	38	**2,020**	3.5	**13,900**	34	**1,230**	3.3	**64,800**	34	**2,620**	3.9	**34,600**	38	**2,320**	3.5	**65,000**	38	**36,100**	38	**22,800**	36
Chromium	30	180	**21**	0.38	**20**	0.35	**22**	0.34	**36.5**	0.33	**35.2**	0.34	**22**	0.39	**25**	0.38	**27**	0.35	**10**	0.38	**21**	0.38	**20**	0.36
Cobalt			**5.84**	0.38	**6.54**	0.35	**8.62**	0.34	**7.59**	0.33	**3.14**	0.34	**7.78**	0.39	**4.96**	0.38	**6.93**	0.35	**2.14**	0.38	**6.00**	0.38	**7.27**	0.36
Copper	50	270	**46.4**	0.38	**28.1**	0.35	**28.6**	0.34	**23.7**	0.33	**111**	0.34	**29.7**	0.39	**36.9**	0.38	**26.5**	0.35	**10.6**	0.38	**26.5**	0.38	**28.5**	0.36
Iron			**21,200**	38	**17,200**	35	**18,200**	34	**19,500**	33					**21,900**	38								
Lead	63	400	**836**	7.7	**7**	0.7	**42.7**	0.7	**9.1**	0.7	**680**	6.8	**8.8**	0.8	**482**	7.6	**8.9**	0.7	**49.6**	0.8	**41.4**	0.8	**47.2**	0.7
Magnesium			**11,300**	38	**3,660**	3.5	**8,890**	34	**3,630**	3.3	**8,980**	34	**3,740**	3.9	**9,000**	38	**4,630**	3.5	**6,240**	38	**18,400**	38	**13,900**	36
Manganese	1,600	2,000	**424**	3.8	**369**	3.5	**467**	3.4	**258**	3.3	**172**	3.4	**303**	3.9	**354**	3.8	**677**	3.5	**152**	3.8	**729**	3.8	**296**	3.6
Mercury	0.18	0.81	**0.6**	0.09	< 0.07	0.07	< 0.07	0.07	< 0.07	0.07	**0.3**	0.09	< 0.08	0.08	**0.8**	0.07	< 0.06	0.06	**0.06**	0.06	**0.13**	0.08	**0.09**	0.07
Nickel	30	310	**18.4**	0.38	**34.2**	0.35	**32.8**	0.34	**43.4**	0.33	**23.10**	0.34	**46.6**	0.39	**26.60**	0.38	**45.6**	0.35	**8.89**	0.38	**27.1**	0.38	**24**	0.36
Potassium			**1,400**	8	**1,400**	7	**1,260**	7	**1,690**	7	**933**	7	**1,860**	8	**1,190**	8	**1,780**	7	**869**	8	**1,870**	8	**1,210**	7
Selenium	3.9	180	< 1.5	1.5	< 1.4	1.4	< 1.3	1.3	< 1.3	1.3	< 1.4	1.4	< 1.6	1.6	< 1.5	1.5	< 1.4	1.4	< 1.5	1.5	< 1.5	1.5	< 1.4	1.4
Silver	2	180	< 0.38	0.38	< 0.35	0.35	< 0.34	0.34	< 0.33	0.33	**0.83**	0.34	< 0.39	0.39	< 0.38	0.38	< 0.35	0.35	**0.81**	0.38	< 0.38	0.38	< 0.36	0.36
Sodium			**481**	8	**285**	7	**306**	7	**294**	7	**1,550**	7	**579**	8	**667**	8	**358**	7	**455**	8	**507**	8	**358**	7
Thallium			< 1.5	1.5	< 1.4	1.4	< 1.3	1.3	< 1.3	1.3	< 1.4	1.4	< 1.6	1.6	< 1.5	1.5	< 1.4	1.4	< 1.5	1.5	< 1.5	1.5	< 1.4	1.4
Vanadium			**35.8**	0.4	**31.3**	0.4	**34**	0.3	**35**	0.3	**62**	0.3	**43**	0.4	**28**	0.4	**39**	0.4	**13**	0.4	**28**	0.4	**34**	0.4
Zinc	109	10,000	**1,140**	7.7	**35**	0.7	**63.2**	0.7	**42.8**	0.7	**274**	6.8	**40.7**	0.8	**453**	7.6	**52.9**	0.7	**45.7**	0.8	**77.4**	0.8	**63.6**	0.7

Notes:

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

BRL - Below Reporting Limit

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

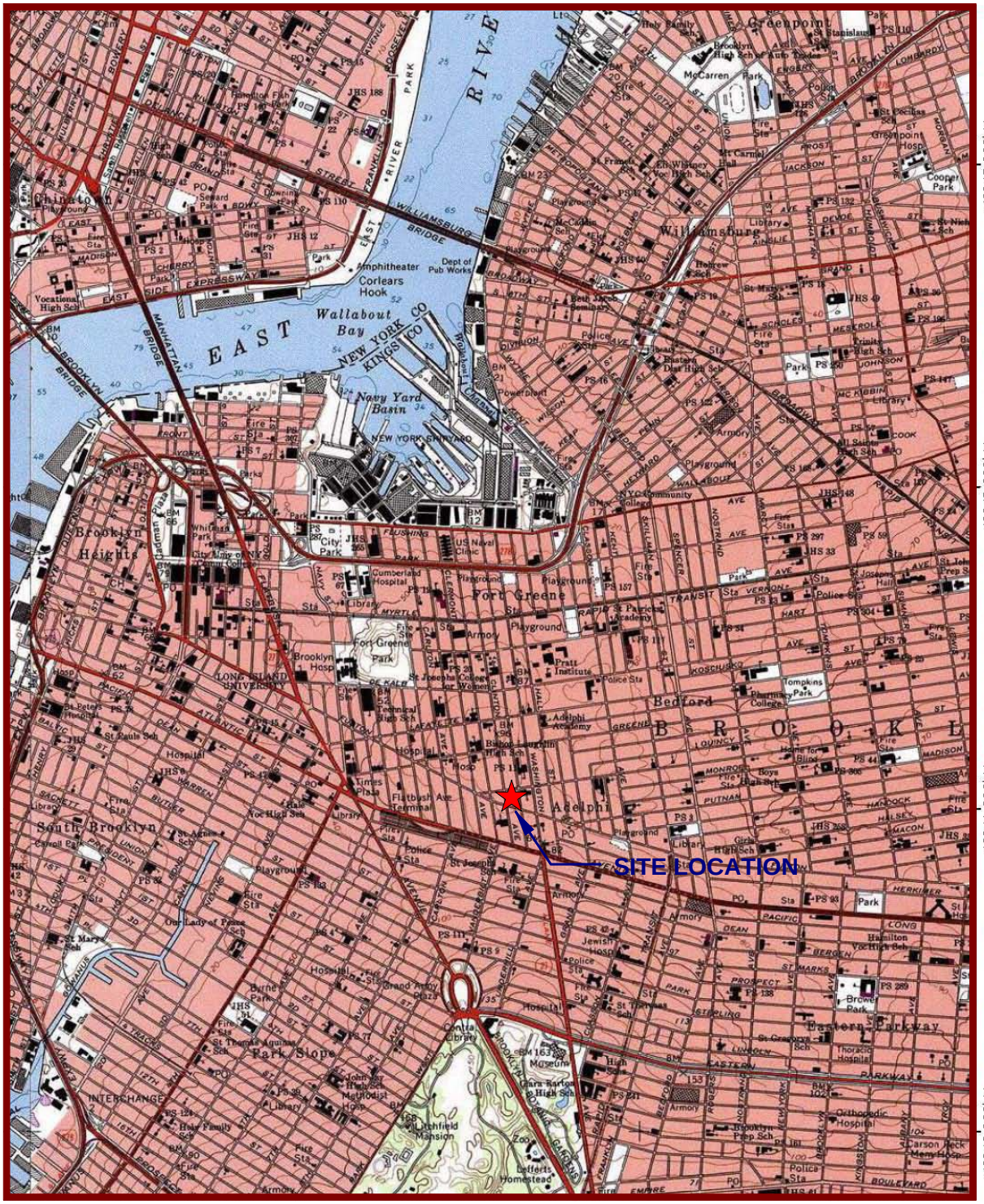
Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 5
840 Fulton Avenue
Brooklyn, New York
Soil Gas - Volatile Organic Compounds

COMPOUNDS	NYSDOH Maximum Sub-Slab Value (µg/m³) [a]	NYSDOH Soil Outdoor Background Levels (µg/m³) [b]	SG-1 (µg/m3)		SG-2 (µg/m3)		SG-3 (µg/m3)		SG-4 (µg/m3)	
			Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			< 1.00	1	< 1.00	1	< 27.0	27	< 1.00	1
1,1,1-Trichloroethane	100	<2.0 - 2.8	< 1.00	1	< 1.00	1	< 27.0	27	< 1.00	1
1,1,2,2-Tetrachloroethane		<1.5	< 1.00	1	< 1.00	1	< 27.0	27	< 1.00	1
1,1,2-Trichloroethane		<1.0	< 1.00	1	< 1.00	1	< 27.0	27	< 1.00	1
1,1-Dichloroethane		<1.0	< 1.00	1	< 1.00	1	< 27.0	27	< 1.00	1
1,1-Dichloroethene		<1.0	< 1.00	1	< 1.00	1	< 27.0	27	< 1.00	1
1,2,4-Trichlorobenzene		NA	< 1.00	1	< 1.00	1	< 27.0	27	< 1.00	1
1,2,4-Trimethylbenzene		<1.0	**4.13**	1	**5.9**	1	< 27.0	27	**5.6**	1
1,2-Dibromoethane		<1.5	< 1.00	1	< 1.00	1	< 27.0	27	< 1.00	1
1,2-Dichlorobenzene		<2.0	< 1.00	1	< 1.00	1	< 27.0	27	< 1.00	1
1,2-Dichloroethane		<1.0	< 1.00	1	< 1.00	1	< 27.0	27	< 1.00	1
1,2-Dichloropropane			< 1.00	1	< 1.00	1	< 27.0	27	< 1.00	1
1,2-Dichlorotetrafluoroethane			< 1.00	1	< 1.00	1	< 27.0	27	< 1.00	1
1,3,5-Trimethylbenzene		<1.0	**1.08**	1	**1.62**	1	< 27.0	27	**1.77**	1
1,3-Butadiene		NA	< 1.00	1	< 1.00	1	< 27.0	27	< 1.00	1
1,3-Dichlorobenzene		<2.0	< 1.00	1	< 1.00	1	< 27.0	27	< 1.00	1
1,4-Dichlorobenzene		NA	< 1.00	1	< 1.00	1	< 27.0	27	< 1.00	1
1,4-Dioxane			< 1.00	1	< 1.00	1	< 27.0	27	< 1.00	1
2-Hexanone			< 1.00	1	< 1.00	1	< 27.0	27	< 1.00	1
4-Ethyltoluene		NA	< 1.00	1	< 1.00	1	< 27.0	27	**1.28**	1
4-Isopropyltoluene			< 1.00	1	< 1.00	1	< 27.0	27	< 1.00	1
4-Methyl-2-pentanone			< 1.00	1	< 1.00	1	< 27.0	27	< 1.00	1
Acetone		NA	**141**	1	**275**	1	< 27.1	27.1	**48**	1
Acrylonitrile			< 1.00	1	< 1.00	1	< 26.9	26.9	< 1.00	1
Benzene		<1.6 - 4.7	**12.5**	1	**7.66**	1	< 27.0	27	**1.34**	1
Benzyl Chloride		NA	< 1.00	1	< 1.00	1	< 27.0	27	< 1.00	1
Bromodichloromethane		<5.0	< 1.00	1	< 1.00	1	< 27.0	27	< 1.00	1
Bromoform		<1.0	< 1.00	1	< 1.00	1	< 27.0	27	< 1.00	1
Bromomethane		<1.0	< 1.00	1	< 1.00	1	< 27.0	27	< 1.00	1
Carbon Disulfide		NA	**10.8**	1	**1.43**	1	< 27.0	27	**1.8**	1
Carbon Tetrachloride	5	<3.1	< 0.25	0.25	**0.314**	0.25	< 6.73	6.73	< 0.25	0.25
Chlorobenzene		<2.0	< 1.00	1	< 1.00	1	< 27.0	27	< 1.00	1
Chloroethane		NA	< 1.00	1	< 1.00	1	< 26.9	26.9	< 1.00	1
Chloroform		<2.4	**5.9**	1	< 1.00	1	< 27.0	27	**1.02**	1
Chloromethane		<1.0 - 1.4	< 1.00	1	< 1.00	1	< 27.0	27	< 1.00	1
cis-1,2-Dichloroethene		<1.0	< 1.00	1	< 1.00	1	**32.1**	27	< 1.00	1
cis-1,3-Dichloropropene		NA	< 1.00	1	< 1.00	1	< 27.0	27	< 1.00	1
Cyclohexane		NA	**4.58**	1	**13.1**	1	**11,600**	27	**1.24**	1
Dibromochloromethane		<5.0	< 1.00	1	< 1.00	1	< 27.0	27	< 1.00	1
Dichlorodifluromethane		NA	**3.36**	1	**2.47**	1	< 27.0	27	**1.83**	1
Ethanol			**25.6**	1	**65.3**	1	< 26.9	26.9	**34.8**	1
Ethyl Acetate		NA	< 1.00	1	**9.69**	1	< 27.0	27	**1.58**	1
Ethylbenzene		<4.3	**1.95**	1	**1.95**	1	< 27.0	27	**4.82**	1
Heptane		NA	**4.63**	1	**13.1**	1	< 27.0	27	**21.4**	1
Hexachlorobutadiene		NA	< 1.00	1	< 1.00	1	< 27.0	27	< 1.00	1
Hexane		<1.5	**21.1**	1	**68.7**	1	**7,640**	27	**4.79**	1
Isopropylalcohol		NA	< 1.00	1	**2.43**	1	< 27.0	27	< 1.00	1
Isopropylbenzene			< 1.00	1	< 1.00	1	< 27.0	27	**1.67**	1
Xylene (m&p)		<4.3	**5.03**	1	**6.46**	1	< 27.0	27	**46.4**	1
Methyl Ethyl Ketone			**10.9**	1	**13.4**	1	< 27.0	27	**1.44**	1
MTBE		NA	< 1.00	1	< 1.00	1	< 27.0	27	< 1.00	1
Methylene Chloride		<3.4	**1.04**	1	< 1.00	1	< 27.0	27	< 1.00	1
n-Butylbenzene			< 1.00	1	< 1.00	1	< 27.0	27	< 1.00	1
Xylene (o)		<4.3	**2.56**	1	**3.08**	1	< 27.0	27	**18.1**	1
Propylene		NA	**198**	1	**2.44**	1	**10,200**	27	**8.29**	1
sec-Butylbenzene			< 1.00	1	< 1.00	1	< 27.0	27	< 1.00	1
Styrene		<1.0	< 1.00	1	< 1.00	1	< 27.0	27	< 1.00	1
Tetrachloroethene	100		**139**	0.25	**10.8**	0.25	**27.4**	6.75	**30.4**	0.25
Tetrahydrofuran		NA	< 1.00	1	< 1.00	1	< 27.0	27	< 1.00	1
Toluene		1.0 - 6.1	**15.7**	1	**12**	1	< 27.0	27	**15.5**	1
trans-1,2-Dichloroethene		NA	< 1.00	1	< 1.00	1	< 27.0	27	< 1.00	1
trans-1,3-Dichloropropene		NA	< 1.00	1	< 1.00	1	< 27.0	27	< 1.00	1
Trichloroethene	5	<1.7	**43.6**	0.25	**0.322**	0.25	**13**	6.77	**0.43**	0.25
Trichlorofluoromethane		NA	**4.21**	1	**1.18**	1	< 27.0	27	< 1.00	1
Trichlorotrifluoroethane			< 1.00	1	**1.61**	1	< 27.0	27	**1.15**	1
Vinyl Chloride		<1.0	< 0.25	0.25	< 0.25	0.25	< 6.74	6.74	< 0.25	0.25

Notes:
NA No guidance value or standard available
(a) Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York. October 2006. New York State Department of Health.
(b) NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005, Summary of Background Levels for Selected Compounds (NYSDOH Database, Outdoor values)
Value detected above NYSDOH Air Guidance Value of 5 µg/m3, which according to Soil Vapor/Indoor Air Matrix 1 would require at a minimum, monitoring.
Value detected above NYSDOH Air Guidance Value of 100 µg/m3, which according to Soil Vapor/Indoor Air Matrix 2 would require at a minimum, monitoring.

FIGURES



74°00.000' W 73°59.000' W 73°58.000' W WGS84 73°57.000' W

USGS Brooklyn, NY Quadrangle 1994, Contour Interval = 10 feet

MILES 0 .5 1

FEET 1000 0 1000 2000 3000 4000 5000

KILOMETERS 1 .5 0 1

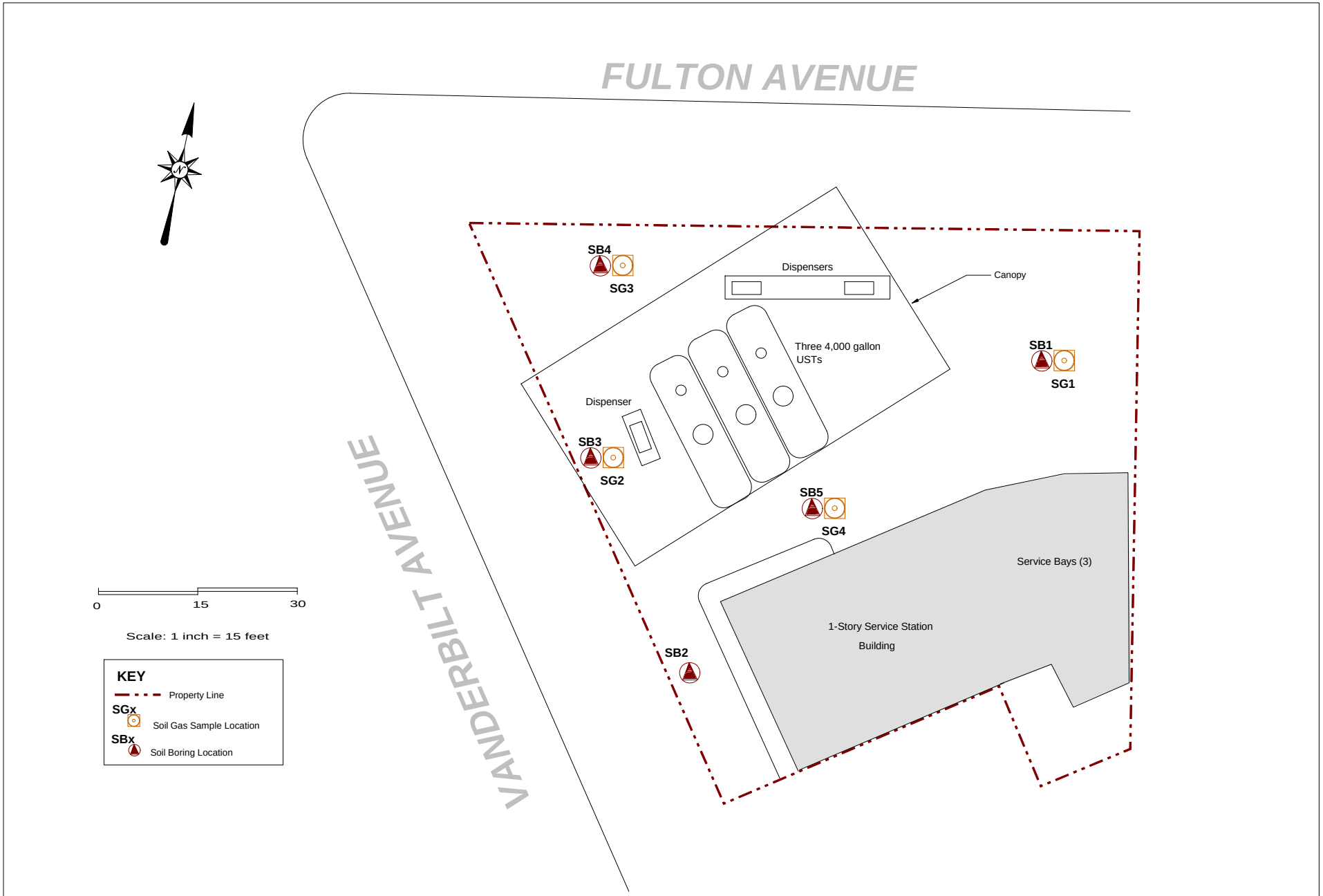
METERS 1000 0 1000

MN TN 13° 06/12/11

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

840 FULTON STREET
BROOKLYN, NY

FIGURE 1 SITE LOCATION MAP



EBC
Environmental Business Consultants

Phone 631.504.6000
Fax 631. 924 .2870

Figure No. 2

Site Name: Service Station
Site Address: 840 Fulton Avenue, Brooklyn, NY
Drawing Title: Site Plan

APPENDIX A
Boring Logs

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B1

Location: Performed in the northeast section of the site.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name:	Address: 840 Fulton Street, Brooklyn, New York	Date	DTW	Ground Elevation
		Groundwater depth		
Drilling Company: Eastern Environmental Solutions	Method: Geoprobe			Well Specifications
Date Started: 1/23/2014	Date Completed: 1/23/2014			none
Completion Depth: 15 feet	Geologist Kevin Waters			

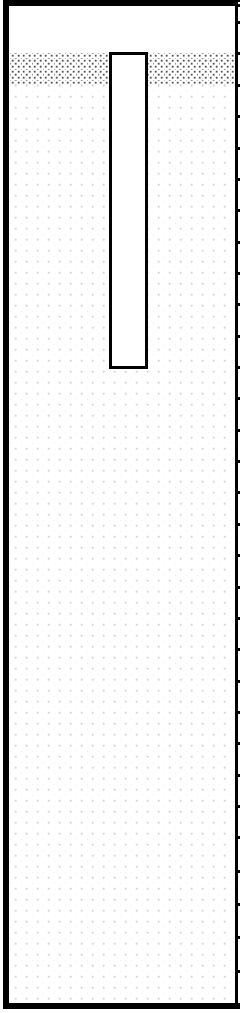
B1 (NTS)	DEPTH (ft below grade)	SAMPLES Reco-very (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	24		0.0	24" - Brown sandy fill with brick. No odor. *Retained soil sample B1(0-2).*
	to 10	30		0.0	15" - Brown sandy fill. No odor. 15" - Brown sand with some silt. No odor.
	to 15	28			28" - Brown sand with rock. No odor. *Retained soil sample B1(12-14).*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B2

Location: Performed in the southwest section of the site.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name:	Address: 840 Fulton Street, Brooklyn, New York	Date	DTW	Ground Elevation
		Groundwater depth		
Drilling Company: Eastern Environmental Solutions	Method: Geoprobe			Well Specifications
Date Started: 1/23/2014	Date Completed: 1/23/2014			none
Completion Depth: 10 feet	Geologist Kevin Waters			

B2 (NTS)	DEPTH (ft below grade)	SAMPLES Reco-very (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	26		0.0	26" - Brown sandy fill with pebbles/rock. No odor. **Retained soil sample B2(0-2) and Duplicate.*
	to 10	20		0.0	20" - Brown sandy fill with pebbles/rock. No odor. **Retained soil sample B2(8-10).*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B3

Location: Performed in the center of the site.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name:	Address: 840 Fulton Street, Brooklyn, New York	Date	DTW	Ground Elevation
		Groundwater depth		
Drilling Company: Eastern Environmental Solutions	Method: Geoprobe			Well Specifications
Date Started: 1/23/2014	Date Completed: 1/23/2014			none
Completion Depth: 15 feet	Geologist Kevin Waters			

B3 (NTS)	DEPTH (ft below grade)	SAMPLES Reco-very (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	11		5.0	11'' - Brown sandy fill with brick/concrete. Slight odor. **Retained soil sample B3(0-2).*
	to 10	20		0.0	20'' - Brown sandy fill with brick. No odor.
	to 15	28		0.0	28'' - Brown sand with rock. No odor. **Retained soil sample B3(12-14).*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B4

Location: Performed in the center of west part of the site.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name:	Address: 840 Fulton Street, Brooklyn, New York	Date	DTW	Ground Elevation
		Groundwater depth		
Drilling Company: Eastern Environmental Solutions	Method: Geoprobe			Well Specifications
Date Started: 1/23/2014	Date Completed: 1/23/2014			none
Completion Depth: 15 feet	Geologist Kevin Waters			

B4 (NTS)	DEPTH (ft below grade)	SAMPLES Reco-very (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	20		1.5	20'' - Brown sandy fill. No odor. *Retained soil sample B4(0-2).*
	to 10	25		0.0	25'' - Brown sandy fill. No odor.
	to 15	28		0.0	28'' - Brown sandy fill. No odor. *Retained soil sample B4(12-14).*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B5

Location: Performed in the center of the site.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name:	Address: 840 Fulton Street, Brooklyn, New York	Date	DTW	Ground Elevation
		Groundwater depth		
Drilling Company: Eastern Environmental Solutions	Method: Geoprobe			Well Specifications
Date Started: 1/23/2014	Date Completed: 1/23/2014			none
Completion Depth: 10 feet	Geologist Kevin Waters			

B5 (NTS)	DEPTH (ft below grade)	SAMPLES Reco-very (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	26		350.0	3'' - Brown sandy fill. 20'' - Crushed concrete. 3'' Brown sandy fill with brick with odor. **Retained soil sample B5(0-2).*
	to 10	15		0.0	15'' - Brown sandy fill with rock/brick. No odor. **Retained soil sample B5(8-10).*

APPENDIX B
Laboratory Reports

PHOENIX
Environmental Laboratories, Inc.

Monday, February 10, 2014

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

Project ID: 840 FULTON ST BKLYN NY
Sample ID#s: BG03018 - BG03030

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.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. 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

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone (860) 645-1102 Fax (860) 645-0823

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

February 10, 2014

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:	SOLID	Collected by:		01/23/14	8:00
Location Code:	EBC	Received by:	SW	01/24/14	16:50
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG03018
Phoenix ID: BG03018

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB1 0-2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.38	*	0.38	0.23	mg/Kg	02/03/14	LK	SW6010
Aluminum	7830		38	7.7	mg/Kg	02/03/14	LK	SW6010
Arsenic	4.8		0.8	0.77	mg/Kg	02/03/14	LK	SW6010
Barium	1140		0.8	0.15	mg/Kg	02/03/14	LK	SW6010
Beryllium	0.40	*	0.31	0.15	mg/Kg	02/03/14	LK	SW6010
Calcium	45700		38	35	mg/Kg	02/03/14	LK	SW6010
Cadmium	1.54		0.38	0.15	mg/Kg	02/03/14	LK	SW6010
Cobalt	5.84		0.38	0.15	mg/Kg	02/03/14	LK	SW6010
Chromium	21.4		0.38	0.15	mg/Kg	02/03/14	LK	SW6010
Copper	46.4		0.38	0.31	mg/kg	02/03/14	LK	SW6010
Iron	21200		38	38	mg/Kg	02/03/14	LK	SW6010
Mercury	0.56		0.09	0.05	mg/Kg	02/03/14	RS	SW-7471
Potassium	1400	N	8	3.0	mg/Kg	02/03/14	LK	SW6010
Magnesium	11300		38	2.3	mg/Kg	02/03/14	LK	SW6010
Manganese	424		3.8	1.5	mg/Kg	02/03/14	LK	SW6010
Sodium	481	N	8	3.3	mg/Kg	02/03/14	LK	SW6010
Nickel	18.4		0.38	0.15	mg/Kg	02/03/14	LK	SW6010
Lead	836		7.7	2.3	mg/Kg	02/03/14	LK	SW6010
Antimony	2.3		1.9	1.9	mg/Kg	02/03/14	LK	SW6010
Selenium	< 1.5		1.5	1.3	mg/Kg	02/03/14	LK	SW6010
Thallium	< 1.5		1.5	1.5	mg/Kg	02/03/14	LK	SW6010
Vanadium	35.8		0.4	0.15	mg/Kg	02/03/14	LK	SW6010
Zinc	1140		7.7	3.8	mg/Kg	02/03/14	LK	SW6010
Percent Solid	88				%	01/24/14	I	E160.3
Soil Extraction for PCB	Completed					01/31/14	BB/V	SW3545
Soil Extraction for Pesticide	Completed					01/31/14	BB	SW3545
Soil Extraction for SVOA	Completed					01/24/14	JJ/V	SW3545
Mercury Digestion	Completed					02/03/14	I/I	SW7471

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB1 0-2

Phoenix I.D.: BG03018

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				01/31/14	Z/T	SW846 - 3050
Polychlorinated Biphenyls							
PCB-1016	ND	37	37	ug/Kg	02/01/14	AW	SW 8082
PCB-1221	ND	37	37	ug/Kg	02/01/14	AW	SW 8082
PCB-1232	ND	37	37	ug/Kg	02/01/14	AW	SW 8082
PCB-1242	ND	37	37	ug/Kg	02/01/14	AW	SW 8082
PCB-1248	ND	37	37	ug/Kg	02/01/14	AW	SW 8082
PCB-1254	ND	37	37	ug/Kg	02/01/14	AW	SW 8082
PCB-1260	63	37	37	ug/Kg	02/01/14	AW	SW 8082
PCB-1262	ND	37	37	ug/Kg	02/01/14	AW	SW 8082
PCB-1268	ND	37	37	ug/Kg	02/01/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	106			%	02/01/14	AW	30 - 150 %
% TCMX	78			%	02/01/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.7	2.7	ug/Kg	02/04/14	CE	SW8081
4,4' -DDE	ND	2.7	2.7	ug/Kg	02/04/14	CE	SW8081
4,4' -DDT	94	13	13	ug/Kg	02/04/14	CE	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
a-Chlordane	ND	3.7	3.7	ug/Kg	02/04/14	CE	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Chlordane	ND	22	22	ug/Kg	02/04/14	CE	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Endosulfan I	ND	3.7	3.7	ug/Kg	02/04/14	CE	SW8081
Endosulfan II	ND	3.7	3.7	ug/Kg	02/04/14	CE	SW8081
Endosulfan sulfate	ND	3.7	3.7	ug/Kg	02/04/14	CE	SW8081
Endrin	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Endrin aldehyde	ND	3.7	3.7	ug/Kg	02/04/14	CE	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
g-Chlordane	ND	3.7	3.7	ug/Kg	02/04/14	CE	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Methoxychlor	ND	15	15	ug/Kg	02/04/14	CE	SW8081
Toxaphene	ND	180	180	ug/Kg	02/04/14	CE	SW8081
QA/QC Surrogates							
% DCBP	99			%	02/04/14	CE	30 - 150 %
% TCMX	92			%	02/04/14	CE	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.7	0.93	ug/Kg	01/27/14	HM	SW8260
1,1,1-Trichloroethane	ND	5.7	1.1	ug/Kg	01/27/14	HM	SW8260
1,1,2,2-Tetrachloroethane	ND	5.7	0.81	ug/Kg	01/27/14	HM	SW8260
1,1,2-Trichloroethane	ND	5.7	0.56	ug/Kg	01/27/14	HM	SW8260
1,1-Dichloroethane	ND	5.7	1.1	ug/Kg	01/27/14	HM	SW8260
1,1-Dichloroethene	ND	5.7	1.2	ug/Kg	01/27/14	HM	SW8260

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB1 0-2

Phoenix I.D.: BG03018

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloropropene	ND		5.7	1.1	ug/Kg	01/27/14	HM	SW8260	
1,2,3-Trichlorobenzene	ND		280	57	ug/Kg	01/27/14	HM	SW8260	
1,2,3-Trichloropropane	ND		280	40	ug/Kg	01/27/14	HM	SW8260	
1,2,4-Trichlorobenzene	ND		280	57	ug/Kg	01/27/14	HM	SW8260	
1,2,4-Trimethylbenzene	ND		280	41	ug/Kg	01/27/14	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND		280	76	ug/Kg	01/27/14	HM	SW8260	
1,2-Dibromoethane	ND		5.7	1.5	ug/Kg	01/27/14	HM	SW8260	
1,2-Dichlorobenzene	ND		280	31	ug/Kg	01/27/14	HM	SW8260	
1,2-Dichloroethane	ND		5.7	0.50	ug/Kg	01/27/14	HM	SW8260	
1,2-Dichloropropane	ND		5.7	0.81	ug/Kg	01/27/14	HM	SW8260	
1,3,5-Trimethylbenzene	ND		280	38	ug/Kg	01/27/14	HM	SW8260	
1,3-Dichlorobenzene	ND		280	42	ug/Kg	01/27/14	HM	SW8260	
1,3-Dichloropropane	ND		5.7	0.60	ug/Kg	01/27/14	HM	SW8260	
1,4-Dichlorobenzene	ND		280	45	ug/Kg	01/27/14	HM	SW8260	
2,2-Dichloropropane	ND		5.7	0.95	ug/Kg	01/27/14	HM	SW8260	
2-Chlorotoluene	ND		280	45	ug/Kg	01/27/14	HM	SW8260	
2-Hexanone	ND		28	2.6	ug/Kg	01/27/14	HM	SW8260	
2-Isopropyltoluene	ND		280	39	ug/Kg	01/27/14	HM	SW8260	1
4-Chlorotoluene	ND		280	33	ug/Kg	01/27/14	HM	SW8260	
4-Methyl-2-pentanone	ND		28	1.4	ug/Kg	01/27/14	HM	SW8260	
Acetone	33	JS	50	5.6	ug/Kg	01/27/14	HM	SW8260	
Acrylonitrile	ND		11	3.2	ug/Kg	01/27/14	HM	SW8260	
Benzene	ND		5.7	1.1	ug/Kg	01/27/14	HM	SW8260	
Bromobenzene	ND		280	37	ug/Kg	01/27/14	HM	SW8260	
Bromochloromethane	ND		5.7	0.83	ug/Kg	01/27/14	HM	SW8260	
Bromodichloromethane	ND		5.7	0.70	ug/Kg	01/27/14	HM	SW8260	
Bromoform	ND		5.7	0.80	ug/Kg	01/27/14	HM	SW8260	
Bromomethane	ND		5.7	4.4	ug/Kg	01/27/14	HM	SW8260	
Carbon Disulfide	ND		5.7	0.92	ug/Kg	01/27/14	HM	SW8260	
Carbon tetrachloride	ND		5.7	0.66	ug/Kg	01/27/14	HM	SW8260	
Chlorobenzene	ND		5.7	0.84	ug/Kg	01/27/14	HM	SW8260	
Chloroethane	ND		5.7	1.3	ug/Kg	01/27/14	HM	SW8260	
Chloroform	ND		5.7	1.0	ug/Kg	01/27/14	HM	SW8260	
Chloromethane	ND		5.7	3.0	ug/Kg	01/27/14	HM	SW8260	
cis-1,2-Dichloroethene	ND		5.7	1.2	ug/Kg	01/27/14	HM	SW8260	
cis-1,3-Dichloropropene	ND		5.7	0.61	ug/Kg	01/27/14	HM	SW8260	
Dibromochloromethane	ND		5.7	0.64	ug/Kg	01/27/14	HM	SW8260	
Dibromomethane	ND		5.7	0.72	ug/Kg	01/27/14	HM	SW8260	
Dichlorodifluoromethane	ND		5.7	1.5	ug/Kg	01/27/14	HM	SW8260	
Ethylbenzene	ND		5.7	1.0	ug/Kg	01/27/14	HM	SW8260	
Hexachlorobutadiene	ND		280	60	ug/Kg	01/27/14	HM	SW8260	
Isopropylbenzene	ND		280	55	ug/Kg	01/27/14	HM	SW8260	
m&p-Xylene	8.0		5.7	2.2	ug/Kg	01/27/14	HM	SW8260	
Methyl Ethyl Ketone	6.6	J	34	4.9	ug/Kg	01/27/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND		11	1.6	ug/Kg	01/27/14	HM	SW8260	
Methylene chloride	1.6	JS	5.7	0.93	ug/Kg	01/27/14	HM	SW8260	
Naphthalene	ND		280	76	ug/Kg	01/27/14	HM	SW8260	
n-Butylbenzene	ND		280	52	ug/Kg	01/27/14	HM	SW8260	
n-Propylbenzene	ND		280	51	ug/Kg	01/27/14	HM	SW8260	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
o-Xylene	6.8	5.7	2.2	ug/Kg	01/27/14	HM	SW8260	
p-Isopropyltoluene	ND	280	41	ug/Kg	01/27/14	HM	SW8260	
sec-Butylbenzene	ND	280	53	ug/Kg	01/27/14	HM	SW8260	
Styrene	ND	5.7	1.6	ug/Kg	01/27/14	HM	SW8260	
tert-Butylbenzene	ND	280	45	ug/Kg	01/27/14	HM	SW8260	
Tetrachloroethene	12	5.7	1.2	ug/Kg	01/27/14	HM	SW8260	
Tetrahydrofuran (THF)	ND	11	5.1	ug/Kg	01/27/14	HM	SW8260	1
Toluene	ND	5.7	0.90	ug/Kg	01/27/14	HM	SW8260	
trans-1,2-Dichloroethene	ND	5.7	1.1	ug/Kg	01/27/14	HM	SW8260	
trans-1,3-Dichloropropene	ND	5.7	1.2	ug/Kg	01/27/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND	570	530	ug/Kg	01/27/14	HM	SW8260	
Trichloroethene	ND	5.7	1.2	ug/Kg	01/27/14	HM	SW8260	
Trichlorofluoromethane	ND	5.7	1.3	ug/Kg	01/27/14	HM	SW8260	
Trichlorotrifluoroethane	ND	5.7	0.89	ug/Kg	01/27/14	HM	SW8260	
Vinyl chloride	ND	5.7	1.8	ug/Kg	01/27/14	HM	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99			%	01/27/14	HM	70 - 121 %	
% Bromofluorobenzene	97			%	01/27/14	HM	59 - 113 %	
% Dibromofluoromethane	74			%	01/27/14	HM	70 - 130 %	
% Toluene-d8	91			%	01/27/14	HM	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	01/26/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	01/26/14	DD	SW 8270	
1,2-Dichlorobenzene	ND	260	100	ug/Kg	01/26/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	01/26/14	DD	SW 8270	
1,3-Dichlorobenzene	ND	260	110	ug/Kg	01/26/14	DD	SW 8270	
1,4-Dichlorobenzene	ND	260	110	ug/Kg	01/26/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	01/26/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	01/26/14	DD	SW 8270	
2,4-Dichlorophenol	ND	260	130	ug/Kg	01/26/14	DD	SW 8270	
2,4-Dimethylphenol	ND	260	91	ug/Kg	01/26/14	DD	SW 8270	
2,4-Dinitrophenol	ND	1800	260	ug/Kg	01/26/14	DD	SW 8270	
2,4-Dinitrotoluene	ND	260	140	ug/Kg	01/26/14	DD	SW 8270	
2,6-Dinitrotoluene	ND	260	120	ug/Kg	01/26/14	DD	SW 8270	
2-Chloronaphthalene	ND	260	100	ug/Kg	01/26/14	DD	SW 8270	
2-Chlorophenol	ND	260	100	ug/Kg	01/26/14	DD	SW 8270	
2-Methylnaphthalene	ND	260	110	ug/Kg	01/26/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	260	170	ug/Kg	01/26/14	DD	SW 8270	
2-Nitroaniline	ND	1800	370	ug/Kg	01/26/14	DD	SW 8270	
2-Nitrophenol	ND	260	230	ug/Kg	01/26/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	260	140	ug/Kg	01/26/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND	730	170	ug/Kg	01/26/14	DD	SW 8270	
3-Nitroaniline	ND	1800	800	ug/Kg	01/26/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1800	390	ug/Kg	01/26/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	01/26/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	01/26/14	DD	SW 8270	
4-Chloroaniline	ND	730	170	ug/Kg	01/26/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	260	120	ug/Kg	01/26/14	DD	SW 8270	
4-Nitroaniline	ND	1800	120	ug/Kg	01/26/14	DD	SW 8270	

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB1 0-2

Phoenix I.D.: BG03018

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitrophenol	ND		1800	170	ug/Kg	01/26/14	DD	SW 8270	
Acenaphthene	190	J	260	110	ug/Kg	01/26/14	DD	SW 8270	
Acenaphthylene	130	J	260	100	ug/Kg	01/26/14	DD	SW 8270	
Acetophenone	ND		260	110	ug/Kg	01/26/14	DD	SW 8270	
Aniline	ND		1800	740	ug/Kg	01/26/14	DD	SW 8270	
Anthracene	410		260	120	ug/Kg	01/26/14	DD	SW 8270	
Benz(a)anthracene	1300		260	120	ug/Kg	01/26/14	DD	SW 8270	
Benzidine	ND		730	220	ug/Kg	01/26/14	DD	SW 8270	
Benzo(a)pyrene	1100		260	120	ug/Kg	01/26/14	DD	SW 8270	
Benzo(b)fluoranthene	1600		260	130	ug/Kg	01/26/14	DD	SW 8270	
Benzo(ghi)perylene	540		260	120	ug/Kg	01/26/14	DD	SW 8270	
Benzo(k)fluoranthene	510		260	120	ug/Kg	01/26/14	DD	SW 8270	
Benzoic acid	ND		1800	730	ug/Kg	01/26/14	DD	SW 8270	1
Benzyl butyl phthalate	ND		260	95	ug/Kg	01/26/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND		260	100	ug/Kg	01/26/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND		260	99	ug/Kg	01/26/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND		260	100	ug/Kg	01/26/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND		260	110	ug/Kg	01/26/14	DD	SW 8270	
Carbazole	300	J	1800	280	ug/Kg	01/26/14	DD	SW 8270	
Chrysene	1300		260	120	ug/Kg	01/26/14	DD	SW 8270	
Dibenz(a,h)anthracene	180	J	260	120	ug/Kg	01/26/14	DD	SW 8270	
Dibenzofuran	110	J	260	110	ug/Kg	01/26/14	DD	SW 8270	
Diethyl phthalate	ND		260	120	ug/Kg	01/26/14	DD	SW 8270	
Dimethylphthalate	ND		260	110	ug/Kg	01/26/14	DD	SW 8270	
Di-n-butylphthalate	ND		260	98	ug/Kg	01/26/14	DD	SW 8270	
Di-n-octylphthalate	ND		260	95	ug/Kg	01/26/14	DD	SW 8270	
Fluoranthene	2500		260	120	ug/Kg	01/26/14	DD	SW 8270	
Fluorene	160	J	260	120	ug/Kg	01/26/14	DD	SW 8270	
Hexachlorobenzene	ND		260	110	ug/Kg	01/26/14	DD	SW 8270	
Hexachlorobutadiene	ND		260	130	ug/Kg	01/26/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND		260	110	ug/Kg	01/26/14	DD	SW 8270	
Hexachloroethane	ND		260	110	ug/Kg	01/26/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	540		260	120	ug/Kg	01/26/14	DD	SW 8270	
Isophorone	ND		260	100	ug/Kg	01/26/14	DD	SW 8270	
Naphthalene	190	J	260	110	ug/Kg	01/26/14	DD	SW 8270	
Nitrobenzene	ND		260	130	ug/Kg	01/26/14	DD	SW 8270	
N-Nitrosodimethylamine	ND		260	100	ug/Kg	01/26/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND		260	120	ug/Kg	01/26/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND		260	140	ug/Kg	01/26/14	DD	SW 8270	
Pentachloronitrobenzene	ND		260	140	ug/Kg	01/26/14	DD	SW 8270	
Pentachlorophenol	ND		260	140	ug/Kg	01/26/14	DD	SW 8270	
Phenanthrene	1900		260	100	ug/Kg	01/26/14	DD	SW 8270	
Phenol	ND		260	120	ug/Kg	01/26/14	DD	SW 8270	
Pyrene	2100		260	130	ug/Kg	01/26/14	DD	SW 8270	
Pyridine	ND		260	90	ug/Kg	01/26/14	DD	SW 8270	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	94				%	01/26/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	93				%	01/26/14	DD	30 - 115 %	
% 2-Fluorophenol	88				%	01/26/14	DD	25 - 121 %	

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB1 0-2

Phoenix I.D.: BG03018

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	90			%	01/26/14	DD	23 - 120 %
% Phenol-d5	91			%	01/26/14	DD	24 - 113 %
% Terphenyl-d14	92			%	01/26/14	DD	18 - 137 %

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 LOD=Limit of Detection MDL=Method Detection Limit

Comments:

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

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

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

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

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported for the pesticide analysis.

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
February 10, 2014
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 10, 2014

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:	SOLID	Collected by:		01/23/14	8:20
Location Code:	EBC	Received by:	SW	01/24/14	16:50
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG03018
Phoenix ID: BG03019

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB1 12-14

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.35	*	0.35	0.21	mg/Kg	02/03/14	LK	SW6010
Aluminum	8770		35	7.1	mg/Kg	02/03/14	LK	SW6010
Arsenic	1.3		0.7	0.71	mg/Kg	02/03/14	LK	SW6010
Barium	41.3		0.7	0.14	mg/Kg	02/03/14	LK	SW6010
Beryllium	0.40	*	0.28	0.14	mg/Kg	02/03/14	LK	SW6010
Calcium	2020		3.5	3.3	mg/Kg	02/03/14	LK	SW6010
Cadmium	< 0.35		0.35	0.14	mg/Kg	02/03/14	LK	SW6010
Cobalt	6.54		0.35	0.14	mg/Kg	02/03/14	LK	SW6010
Chromium	20.1		0.35	0.14	mg/Kg	02/03/14	LK	SW6010
Copper	28.1		0.35	0.28	mg/kg	02/03/14	LK	SW6010
Iron	17200		35	35	mg/Kg	02/03/14	LK	SW6010
Mercury	< 0.07		0.07	0.04	mg/Kg	02/03/14	RS	SW-7471
Potassium	1400	N	7	2.8	mg/Kg	02/03/14	LK	SW6010
Magnesium	3660		3.5	0.21	mg/Kg	02/03/14	LK	SW6010
Manganese	369		3.5	1.4	mg/Kg	02/03/14	LK	SW6010
Sodium	285	N	7	3.0	mg/Kg	02/03/14	LK	SW6010
Nickel	34.2		0.35	0.14	mg/Kg	02/03/14	LK	SW6010
Lead	7.0		0.7	0.21	mg/Kg	02/03/14	LK	SW6010
Antimony	< 1.8		1.8	1.8	mg/Kg	02/03/14	LK	SW6010
Selenium	< 1.4		1.4	1.2	mg/Kg	02/03/14	LK	SW6010
Thallium	< 1.4		1.4	1.4	mg/Kg	02/03/14	LK	SW6010
Vanadium	31.3		0.4	0.14	mg/Kg	02/03/14	LK	SW6010
Zinc	35.0		0.7	0.35	mg/Kg	02/03/14	LK	SW6010
Percent Solid	93				%	01/24/14	I	E160.3
Soil Extraction for PCB	Completed					01/31/14	BB/V	SW3545
Soil Extraction for Pesticide	Completed					01/31/14	BB	SW3545
Soil Extraction for SVOA	Completed					01/24/14	JJ/V	SW3545
Mercury Digestion	Completed					02/03/14	I/I	SW7471

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB1 12-14

Phoenix I.D.: BG03019

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				01/31/14	Z/T	SW846 - 3050
Polychlorinated Biphenyls							
PCB-1016	ND	35	35	ug/Kg	02/01/14	AW	SW 8082
PCB-1221	ND	35	35	ug/Kg	02/01/14	AW	SW 8082
PCB-1232	ND	35	35	ug/Kg	02/01/14	AW	SW 8082
PCB-1242	ND	35	35	ug/Kg	02/01/14	AW	SW 8082
PCB-1248	ND	35	35	ug/Kg	02/01/14	AW	SW 8082
PCB-1254	ND	35	35	ug/Kg	02/01/14	AW	SW 8082
PCB-1260	ND	35	35	ug/Kg	02/01/14	AW	SW 8082
PCB-1262	ND	35	35	ug/Kg	02/01/14	AW	SW 8082
PCB-1268	ND	35	35	ug/Kg	02/01/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	96			%	02/01/14	AW	30 - 150 %
% TCMX	78			%	02/01/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.5	2.5	ug/Kg	02/04/14	CE	SW8081
4,4' -DDE	ND	2.5	2.5	ug/Kg	02/04/14	CE	SW8081
4,4' -DDT	ND	2.5	2.5	ug/Kg	02/04/14	CE	SW8081
a-BHC	ND	1.7	1.7	ug/Kg	02/04/14	CE	SW8081
a-Chlordane	ND	3.5	3.5	ug/Kg	02/04/14	CE	SW8081
Aldrin	ND	1.7	1.7	ug/Kg	02/04/14	CE	SW8081
b-BHC	ND	1.7	1.7	ug/Kg	02/04/14	CE	SW8081
Chlordane	ND	21	21	ug/Kg	02/04/14	CE	SW8081
d-BHC	ND	1.7	1.7	ug/Kg	02/04/14	CE	SW8081
Dieldrin	ND	1.7	1.7	ug/Kg	02/04/14	CE	SW8081
Endosulfan I	ND	3.5	3.5	ug/Kg	02/04/14	CE	SW8081
Endosulfan II	ND	3.5	3.5	ug/Kg	02/04/14	CE	SW8081
Endosulfan sulfate	ND	3.5	3.5	ug/Kg	02/04/14	CE	SW8081
Endrin	ND	1.7	1.7	ug/Kg	02/04/14	CE	SW8081
Endrin aldehyde	ND	3.5	3.5	ug/Kg	02/04/14	CE	SW8081
Endrin ketone	ND	1.7	1.7	ug/Kg	02/04/14	CE	SW8081
g-BHC	ND	1.7	1.7	ug/Kg	02/04/14	CE	SW8081
g-Chlordane	ND	3.5	3.5	ug/Kg	02/04/14	CE	SW8081
Heptachlor	ND	1.7	1.7	ug/Kg	02/04/14	CE	SW8081
Heptachlor epoxide	ND	1.7	1.7	ug/Kg	02/04/14	CE	SW8081
Methoxychlor	ND	7.0	7.0	ug/Kg	02/04/14	CE	SW8081
Toxaphene	ND	170	170	ug/Kg	02/04/14	CE	SW8081
QA/QC Surrogates							
% DCBP	135			%	02/04/14	CE	30 - 150 %
% TCMX	83			%	02/04/14	CE	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.3	0.86	ug/Kg	01/26/14	HM	SW8260
1,1,1-Trichloroethane	ND	5.3	1.1	ug/Kg	01/26/14	HM	SW8260
1,1,2,2-Tetrachloroethane	ND	5.3	0.75	ug/Kg	01/26/14	HM	SW8260
1,1,2-Trichloroethane	ND	5.3	0.52	ug/Kg	01/26/14	HM	SW8260
1,1-Dichloroethane	ND	5.3	1.0	ug/Kg	01/26/14	HM	SW8260
1,1-Dichloroethene	ND	5.3	1.1	ug/Kg	01/26/14	HM	SW8260

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB1 12-14

Phoenix I.D.: BG03019

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloropropene	ND		5.3	1.0	ug/Kg	01/26/14	HM	SW8260	
1,2,3-Trichlorobenzene	ND		5.3	1.1	ug/Kg	01/26/14	HM	SW8260	
1,2,3-Trichloropropane	ND		5.3	0.75	ug/Kg	01/26/14	HM	SW8260	
1,2,4-Trichlorobenzene	ND		5.3	1.1	ug/Kg	01/26/14	HM	SW8260	
1,2,4-Trimethylbenzene	ND		5.3	0.76	ug/Kg	01/26/14	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND		5.3	1.4	ug/Kg	01/26/14	HM	SW8260	
1,2-Dibromoethane	ND		5.3	1.4	ug/Kg	01/26/14	HM	SW8260	
1,2-Dichlorobenzene	ND		5.3	0.58	ug/Kg	01/26/14	HM	SW8260	
1,2-Dichloroethane	ND		5.3	0.46	ug/Kg	01/26/14	HM	SW8260	
1,2-Dichloropropane	ND		5.3	0.75	ug/Kg	01/26/14	HM	SW8260	
1,3,5-Trimethylbenzene	ND		5.3	0.70	ug/Kg	01/26/14	HM	SW8260	
1,3-Dichlorobenzene	ND		5.3	0.78	ug/Kg	01/26/14	HM	SW8260	
1,3-Dichloropropane	ND		5.3	0.56	ug/Kg	01/26/14	HM	SW8260	
1,4-Dichlorobenzene	ND		5.3	0.83	ug/Kg	01/26/14	HM	SW8260	
2,2-Dichloropropane	ND		5.3	0.89	ug/Kg	01/26/14	HM	SW8260	
2-Chlorotoluene	ND		5.3	0.84	ug/Kg	01/26/14	HM	SW8260	
2-Hexanone	ND		26	2.4	ug/Kg	01/26/14	HM	SW8260	
2-Isopropyltoluene	ND		5.3	0.73	ug/Kg	01/26/14	HM	SW8260	1
4-Chlorotoluene	ND		5.3	0.61	ug/Kg	01/26/14	HM	SW8260	
4-Methyl-2-pentanone	ND		26	1.3	ug/Kg	01/26/14	HM	SW8260	
Acetone	ND		50	5.2	ug/Kg	01/26/14	HM	SW8260	
Acrylonitrile	ND		11	3.0	ug/Kg	01/26/14	HM	SW8260	
Benzene	ND		5.3	1.0	ug/Kg	01/26/14	HM	SW8260	
Bromobenzene	ND		5.3	0.68	ug/Kg	01/26/14	HM	SW8260	
Bromochloromethane	ND		5.3	0.77	ug/Kg	01/26/14	HM	SW8260	
Bromodichloromethane	ND		5.3	0.65	ug/Kg	01/26/14	HM	SW8260	
Bromoform	ND		5.3	0.74	ug/Kg	01/26/14	HM	SW8260	
Bromomethane	ND		5.3	4.1	ug/Kg	01/26/14	HM	SW8260	
Carbon Disulfide	ND		5.3	0.85	ug/Kg	01/26/14	HM	SW8260	
Carbon tetrachloride	ND		5.3	0.61	ug/Kg	01/26/14	HM	SW8260	
Chlorobenzene	ND		5.3	0.78	ug/Kg	01/26/14	HM	SW8260	
Chloroethane	ND		5.3	1.2	ug/Kg	01/26/14	HM	SW8260	
Chloroform	ND		5.3	0.96	ug/Kg	01/26/14	HM	SW8260	
Chloromethane	ND		5.3	2.8	ug/Kg	01/26/14	HM	SW8260	
cis-1,2-Dichloroethene	ND		5.3	1.1	ug/Kg	01/26/14	HM	SW8260	
cis-1,3-Dichloropropene	ND		5.3	0.57	ug/Kg	01/26/14	HM	SW8260	
Dibromochloromethane	ND		5.3	0.59	ug/Kg	01/26/14	HM	SW8260	
Dibromomethane	ND		5.3	0.66	ug/Kg	01/26/14	HM	SW8260	
Dichlorodifluoromethane	ND		5.3	1.4	ug/Kg	01/26/14	HM	SW8260	
Ethylbenzene	ND		5.3	0.96	ug/Kg	01/26/14	HM	SW8260	
Hexachlorobutadiene	ND		5.3	1.1	ug/Kg	01/26/14	HM	SW8260	
Isopropylbenzene	ND		5.3	1.0	ug/Kg	01/26/14	HM	SW8260	
m&p-Xylene	ND		5.3	2.1	ug/Kg	01/26/14	HM	SW8260	
Methyl Ethyl Ketone	ND		32	4.6	ug/Kg	01/26/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND		11	1.5	ug/Kg	01/26/14	HM	SW8260	
Methylene chloride	1.4	JS	5.3	0.86	ug/Kg	01/26/14	HM	SW8260	
Naphthalene	ND		5.3	1.4	ug/Kg	01/26/14	HM	SW8260	
n-Butylbenzene	ND		5.3	0.96	ug/Kg	01/26/14	HM	SW8260	
n-Propylbenzene	ND		5.3	0.95	ug/Kg	01/26/14	HM	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
o-Xylene	ND		5.3	2.0	ug/Kg	01/26/14	HM	SW8260	
p-Isopropyltoluene	ND		5.3	0.76	ug/Kg	01/26/14	HM	SW8260	
sec-Butylbenzene	ND		5.3	0.99	ug/Kg	01/26/14	HM	SW8260	
Styrene	ND		5.3	1.5	ug/Kg	01/26/14	HM	SW8260	
tert-Butylbenzene	ND		5.3	0.84	ug/Kg	01/26/14	HM	SW8260	
Tetrachloroethene	1.2	J	5.3	1.1	ug/Kg	01/26/14	HM	SW8260	
Tetrahydrofuran (THF)	ND		11	4.7	ug/Kg	01/26/14	HM	SW8260	1
Toluene	ND		5.3	0.83	ug/Kg	01/26/14	HM	SW8260	
trans-1,2-Dichloroethene	ND		5.3	1.1	ug/Kg	01/26/14	HM	SW8260	
trans-1,3-Dichloropropene	ND		5.3	1.1	ug/Kg	01/26/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND		11	9.8	ug/Kg	01/26/14	HM	SW8260	
Trichloroethene	ND		5.3	1.1	ug/Kg	01/26/14	HM	SW8260	
Trichlorofluoromethane	ND		5.3	1.2	ug/Kg	01/26/14	HM	SW8260	
Trichlorotrifluoroethane	ND		5.3	0.82	ug/Kg	01/26/14	HM	SW8260	
Vinyl chloride	ND		5.3	1.7	ug/Kg	01/26/14	HM	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	104				%	01/26/14	HM	70 - 121 %	
% Bromofluorobenzene	95				%	01/26/14	HM	59 - 113 %	
% Dibromofluoromethane	109				%	01/26/14	HM	70 - 130 %	
% Toluene-d8	99				%	01/26/14	HM	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		250	130	ug/Kg	01/26/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		250	110	ug/Kg	01/26/14	DD	SW 8270	
1,2-Dichlorobenzene	ND		250	100	ug/Kg	01/26/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND		250	120	ug/Kg	01/26/14	DD	SW 8270	
1,3-Dichlorobenzene	ND		250	110	ug/Kg	01/26/14	DD	SW 8270	
1,4-Dichlorobenzene	ND		250	110	ug/Kg	01/26/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND		250	190	ug/Kg	01/26/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND		250	110	ug/Kg	01/26/14	DD	SW 8270	
2,4-Dichlorophenol	ND		250	130	ug/Kg	01/26/14	DD	SW 8270	
2,4-Dimethylphenol	ND		250	88	ug/Kg	01/26/14	DD	SW 8270	
2,4-Dinitrophenol	ND		1800	250	ug/Kg	01/26/14	DD	SW 8270	
2,4-Dinitrotoluene	ND		250	140	ug/Kg	01/26/14	DD	SW 8270	
2,6-Dinitrotoluene	ND		250	110	ug/Kg	01/26/14	DD	SW 8270	
2-Chloronaphthalene	ND		250	100	ug/Kg	01/26/14	DD	SW 8270	
2-Chlorophenol	ND		250	100	ug/Kg	01/26/14	DD	SW 8270	
2-Methylnaphthalene	ND		250	110	ug/Kg	01/26/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		250	170	ug/Kg	01/26/14	DD	SW 8270	
2-Nitroaniline	ND		1800	360	ug/Kg	01/26/14	DD	SW 8270	
2-Nitrophenol	ND		250	230	ug/Kg	01/26/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		250	140	ug/Kg	01/26/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		710	170	ug/Kg	01/26/14	DD	SW 8270	
3-Nitroaniline	ND		1800	770	ug/Kg	01/26/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		1800	380	ug/Kg	01/26/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		250	100	ug/Kg	01/26/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND		250	130	ug/Kg	01/26/14	DD	SW 8270	
4-Chloroaniline	ND		710	170	ug/Kg	01/26/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		250	120	ug/Kg	01/26/14	DD	SW 8270	
4-Nitroaniline	ND		1800	120	ug/Kg	01/26/14	DD	SW 8270	

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB1 12-14

Phoenix I.D.: BG03019

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitrophenol	ND	1800	160	ug/Kg	01/26/14	DD	SW 8270	
Acenaphthene	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
Acenaphthylene	ND	250	100	ug/Kg	01/26/14	DD	SW 8270	
Acetophenone	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
Aniline	ND	1800	720	ug/Kg	01/26/14	DD	SW 8270	
Anthracene	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
Benz(a)anthracene	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
Benzidine	ND	710	210	ug/Kg	01/26/14	DD	SW 8270	
Benzo(a)pyrene	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
Benzo(b)fluoranthene	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
Benzo(ghi)perylene	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
Benzo(k)fluoranthene	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
Benzoic acid	ND	1800	710	ug/Kg	01/26/14	DD	SW 8270	1
Benzyl butyl phthalate	ND	250	92	ug/Kg	01/26/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	250	98	ug/Kg	01/26/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	250	96	ug/Kg	01/26/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	250	99	ug/Kg	01/26/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	01/26/14	DD	SW 8270	
Carbazole	ND	1800	270	ug/Kg	01/26/14	DD	SW 8270	
Chrysene	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
Dibenzofuran	ND	250	100	ug/Kg	01/26/14	DD	SW 8270	
Diethyl phthalate	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
Dimethylphthalate	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
Di-n-butylphthalate	ND	250	95	ug/Kg	01/26/14	DD	SW 8270	
Di-n-octylphthalate	ND	250	92	ug/Kg	01/26/14	DD	SW 8270	
Fluoranthene	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
Fluorene	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
Hexachlorobenzene	ND	250	100	ug/Kg	01/26/14	DD	SW 8270	
Hexachlorobutadiene	ND	250	130	ug/Kg	01/26/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
Hexachloroethane	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
Isophorone	ND	250	100	ug/Kg	01/26/14	DD	SW 8270	
Naphthalene	ND	250	100	ug/Kg	01/26/14	DD	SW 8270	
Nitrobenzene	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
N-Nitrosodimethylamine	ND	250	100	ug/Kg	01/26/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	01/26/14	DD	SW 8270	
Pentachloronitrobenzene	ND	250	130	ug/Kg	01/26/14	DD	SW 8270	
Pentachlorophenol	ND	250	130	ug/Kg	01/26/14	DD	SW 8270	
Phenanthrene	ND	250	100	ug/Kg	01/26/14	DD	SW 8270	
Phenol	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
Pyrene	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
Pyridine	ND	250	87	ug/Kg	01/26/14	DD	SW 8270	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	92			%	01/26/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	88			%	01/26/14	DD	30 - 115 %	
% 2-Fluorophenol	83			%	01/26/14	DD	25 - 121 %	

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB1 12-14

Phoenix I.D.: BG03019

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	86			%	01/26/14	DD	23 - 120 %
% Phenol-d5	86			%	01/26/14	DD	24 - 113 %
% Terphenyl-d14	101			%	01/26/14	DD	18 - 137 %

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 LOD=Limit of Detection MDL=Method Detection Limit

Comments:

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

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

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

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

If 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
February 10, 2014
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 10, 2014

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:	SOLID	Collected by:		01/23/14	9:00
Location Code:	EBC	Received by:	SW	01/24/14	16:50
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG03018
Phoenix ID: BG03020

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB2 0-2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.34		0.34	0.20	mg/Kg	01/27/14	LK	SW6010
Aluminum	11500		34	6.7	mg/Kg	01/27/14	LK	SW6010
Arsenic	3.0	*	0.7	0.67	mg/Kg	01/27/14	LK	SW6010
Barium	54.5		0.7	0.13	mg/Kg	01/27/14	LK	SW6010
Beryllium	0.53		0.27	0.13	mg/Kg	01/27/14	LK	SW6010
Calcium	13900		34	31	mg/Kg	01/27/14	LK	SW6010
Cadmium	0.23	B	0.34	0.13	mg/Kg	01/27/14	LK	SW6010
Cobalt	8.62		0.34	0.13	mg/Kg	01/27/14	LK	SW6010
Chromium	21.6		0.34	0.13	mg/Kg	01/27/14	LK	SW6010
Copper	28.6	N	0.34	0.27	mg/kg	01/27/14	LK	SW6010
Iron	18200	*	34	34	mg/Kg	01/27/14	LK	SW6010
Mercury	< 0.07		0.07	0.04	mg/Kg	01/27/14	RS	SW-7471
Potassium	1260	N	7	2.6	mg/Kg	01/27/14	LK	SW6010
Magnesium	8890		34	2.0	mg/Kg	01/27/14	LK	SW6010
Manganese	467	N	3.4	1.3	mg/Kg	01/27/14	LK	SW6010
Sodium	306	N	7	2.9	mg/Kg	01/27/14	LK	SW6010
Nickel	32.8		0.34	0.13	mg/Kg	01/27/14	LK	SW6010
Lead	42.7	N*	0.7	0.20	mg/Kg	01/27/14	LK	SW6010
Antimony	< 1.7		1.7	1.7	mg/Kg	01/27/14	LK	SW6010
Selenium	< 1.3		1.3	1.1	mg/Kg	01/27/14	LK	SW6010
TCLP Lead	0.08	B	0.10	0.010	mg/L	01/28/14	LK	SW6010
Thallium	< 1.3		1.3	1.3	mg/Kg	01/27/14	LK	SW6010
TCLP Metals Digestion	Completed					01/28/14	I/I	SW3005
Vanadium	34.0		0.3	0.13	mg/Kg	01/27/14	LK	SW6010
Zinc	63.2	N	0.7	0.34	mg/Kg	01/27/14	LK	SW6010
Percent Solid	92				%	01/24/14	I	E160.3
Soil Extraction for PCB	Completed					01/31/14	BB/V	SW3545
Soil Extraction for Pesticide	Completed					01/31/14	BB	SW3545

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB2 0-2

Phoenix I.D.: BG03020

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Soil Extraction for SVOA	Completed				01/24/14	JJ/V	SW3545
Mercury Digestion	Completed				01/27/14	I/I	SW7471
TCLP Extraction for Metals	Completed				01/27/14	I	EPA 1311
Total Metals Digest	Completed				01/24/14	Z/T	SW846 - 3050
Polychlorinated Biphenyls							
PCB-1016	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	113			%	02/01/14	AW	30 - 150 %
% TCMX	88			%	02/01/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.6	2.6	ug/Kg	02/04/14	CE	SW8081
4,4' -DDE	ND	2.6	2.6	ug/Kg	02/04/14	CE	SW8081
4,4' -DDT	ND	2.6	2.6	ug/Kg	02/04/14	CE	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
a-Chlordane	ND	3.6	3.6	ug/Kg	02/04/14	CE	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Chlordane	ND	21	21	ug/Kg	02/04/14	CE	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Endosulfan I	ND	3.6	3.6	ug/Kg	02/04/14	CE	SW8081
Endosulfan II	ND	3.6	3.6	ug/Kg	02/04/14	CE	SW8081
Endosulfan sulfate	ND	3.6	3.6	ug/Kg	02/04/14	CE	SW8081
Endrin	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Endrin aldehyde	ND	3.6	3.6	ug/Kg	02/04/14	CE	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
g-Chlordane	ND	3.6	3.6	ug/Kg	02/04/14	CE	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Methoxychlor	ND	7.2	7.2	ug/Kg	02/04/14	CE	SW8081
Toxaphene	ND	180	180	ug/Kg	02/04/14	CE	SW8081
QA/QC Surrogates							
% DCBP	100			%	02/04/14	CE	30 - 150 %
% TCMX	88			%	02/04/14	CE	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.4	0.88	ug/Kg	01/26/14	HM	SW8260
1,1,1-Trichloroethane	ND	5.4	1.1	ug/Kg	01/26/14	HM	SW8260
1,1,2,2-Tetrachloroethane	ND	5.4	0.76	ug/Kg	01/26/14	HM	SW8260

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB2 0-2

Phoenix I.D.: BG03020

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1,2-Trichloroethane	ND		5.4	0.53	ug/Kg	01/26/14	HM	SW8260	
1,1-Dichloroethane	ND		5.4	1.1	ug/Kg	01/26/14	HM	SW8260	
1,1-Dichloroethene	ND		5.4	1.2	ug/Kg	01/26/14	HM	SW8260	
1,1-Dichloropropene	ND		5.4	1.0	ug/Kg	01/26/14	HM	SW8260	
1,2,3-Trichlorobenzene	ND		5.4	1.1	ug/Kg	01/26/14	HM	SW8260	
1,2,3-Trichloropropane	ND		5.4	0.76	ug/Kg	01/26/14	HM	SW8260	
1,2,4-Trichlorobenzene	ND		5.4	1.1	ug/Kg	01/26/14	HM	SW8260	
1,2,4-Trimethylbenzene	ND		5.4	0.77	ug/Kg	01/26/14	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND		5.4	1.4	ug/Kg	01/26/14	HM	SW8260	
1,2-Dibromoethane	ND		5.4	1.4	ug/Kg	01/26/14	HM	SW8260	
1,2-Dichlorobenzene	ND		5.4	0.59	ug/Kg	01/26/14	HM	SW8260	
1,2-Dichloroethane	ND		5.4	0.47	ug/Kg	01/26/14	HM	SW8260	
1,2-Dichloropropane	ND		5.4	0.76	ug/Kg	01/26/14	HM	SW8260	
1,3,5-Trimethylbenzene	ND		5.4	0.71	ug/Kg	01/26/14	HM	SW8260	
1,3-Dichlorobenzene	ND		5.4	0.80	ug/Kg	01/26/14	HM	SW8260	
1,3-Dichloropropane	ND		5.4	0.57	ug/Kg	01/26/14	HM	SW8260	
1,4-Dichlorobenzene	ND		5.4	0.85	ug/Kg	01/26/14	HM	SW8260	
2,2-Dichloropropane	ND		5.4	0.90	ug/Kg	01/26/14	HM	SW8260	
2-Chlorotoluene	ND		5.4	0.86	ug/Kg	01/26/14	HM	SW8260	
2-Hexanone	ND		27	2.4	ug/Kg	01/26/14	HM	SW8260	
2-Isopropyltoluene	ND		5.4	0.74	ug/Kg	01/26/14	HM	SW8260	1
4-Chlorotoluene	ND		5.4	0.62	ug/Kg	01/26/14	HM	SW8260	
4-Methyl-2-pentanone	ND		27	1.3	ug/Kg	01/26/14	HM	SW8260	
Acetone	ND		50	5.3	ug/Kg	01/26/14	HM	SW8260	
Acrylonitrile	ND		11	3.0	ug/Kg	01/26/14	HM	SW8260	
Benzene	ND		5.4	1.1	ug/Kg	01/26/14	HM	SW8260	
Bromobenzene	ND		5.4	0.70	ug/Kg	01/26/14	HM	SW8260	
Bromochloromethane	ND		5.4	0.79	ug/Kg	01/26/14	HM	SW8260	
Bromodichloromethane	ND		5.4	0.67	ug/Kg	01/26/14	HM	SW8260	
Bromoform	ND		5.4	0.75	ug/Kg	01/26/14	HM	SW8260	
Bromomethane	ND		5.4	4.1	ug/Kg	01/26/14	HM	SW8260	
Carbon Disulfide	ND		5.4	0.87	ug/Kg	01/26/14	HM	SW8260	
Carbon tetrachloride	ND		5.4	0.62	ug/Kg	01/26/14	HM	SW8260	
Chlorobenzene	ND		5.4	0.80	ug/Kg	01/26/14	HM	SW8260	
Chloroethane	ND		5.4	1.3	ug/Kg	01/26/14	HM	SW8260	
Chloroform	ND		5.4	0.98	ug/Kg	01/26/14	HM	SW8260	
Chloromethane	ND		5.4	2.8	ug/Kg	01/26/14	HM	SW8260	
cis-1,2-Dichloroethene	ND		5.4	1.2	ug/Kg	01/26/14	HM	SW8260	
cis-1,3-Dichloropropene	ND		5.4	0.58	ug/Kg	01/26/14	HM	SW8260	
Dibromochloromethane	ND		5.4	0.60	ug/Kg	01/26/14	HM	SW8260	
Dibromomethane	ND		5.4	0.68	ug/Kg	01/26/14	HM	SW8260	
Dichlorodifluoromethane	ND		5.4	1.4	ug/Kg	01/26/14	HM	SW8260	
Ethylbenzene	ND		5.4	0.98	ug/Kg	01/26/14	HM	SW8260	
Hexachlorobutadiene	ND		5.4	1.1	ug/Kg	01/26/14	HM	SW8260	
Isopropylbenzene	ND		5.4	1.0	ug/Kg	01/26/14	HM	SW8260	
m&p-Xylene	ND		5.4	2.1	ug/Kg	01/26/14	HM	SW8260	
Methyl Ethyl Ketone	ND		32	4.7	ug/Kg	01/26/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND		11	1.5	ug/Kg	01/26/14	HM	SW8260	
Methylene chloride	1.4	JS	5.4	0.88	ug/Kg	01/26/14	HM	SW8260	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Naphthalene	ND	5.4	1.4	ug/Kg	01/26/14	HM	SW8260	
n-Butylbenzene	ND	5.4	0.98	ug/Kg	01/26/14	HM	SW8260	
n-Propylbenzene	ND	5.4	0.97	ug/Kg	01/26/14	HM	SW8260	
o-Xylene	ND	5.4	2.1	ug/Kg	01/26/14	HM	SW8260	
p-Isopropyltoluene	ND	5.4	0.77	ug/Kg	01/26/14	HM	SW8260	
sec-Butylbenzene	ND	5.4	1.0	ug/Kg	01/26/14	HM	SW8260	
Styrene	ND	5.4	1.5	ug/Kg	01/26/14	HM	SW8260	
tert-Butylbenzene	ND	5.4	0.86	ug/Kg	01/26/14	HM	SW8260	
Tetrachloroethene	ND	5.4	1.1	ug/Kg	01/26/14	HM	SW8260	
Tetrahydrofuran (THF)	ND	11	4.8	ug/Kg	01/26/14	HM	SW8260	1
Toluene	ND	5.4	0.85	ug/Kg	01/26/14	HM	SW8260	
trans-1,2-Dichloroethene	ND	5.4	1.1	ug/Kg	01/26/14	HM	SW8260	
trans-1,3-Dichloropropene	ND	5.4	1.1	ug/Kg	01/26/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND	11	10	ug/Kg	01/26/14	HM	SW8260	
Trichloroethene	ND	5.4	1.1	ug/Kg	01/26/14	HM	SW8260	
Trichlorofluoromethane	ND	5.4	1.2	ug/Kg	01/26/14	HM	SW8260	
Trichlorotrifluoroethane	ND	5.4	0.84	ug/Kg	01/26/14	HM	SW8260	
Vinyl chloride	ND	5.4	1.7	ug/Kg	01/26/14	HM	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	103			%	01/26/14	HM	70 - 121 %	
% Bromofluorobenzene	92			%	01/26/14	HM	59 - 113 %	
% Dibromofluoromethane	101			%	01/26/14	HM	70 - 130 %	
% Toluene-d8	98			%	01/26/14	HM	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	01/26/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
1,2-Dichlorobenzene	ND	250	100	ug/Kg	01/26/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
1,3-Dichlorobenzene	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
1,4-Dichlorobenzene	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND	250	190	ug/Kg	01/26/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
2,4-Dichlorophenol	ND	250	130	ug/Kg	01/26/14	DD	SW 8270	
2,4-Dimethylphenol	ND	250	88	ug/Kg	01/26/14	DD	SW 8270	
2,4-Dinitrophenol	ND	1800	250	ug/Kg	01/26/14	DD	SW 8270	
2,4-Dinitrotoluene	ND	250	140	ug/Kg	01/26/14	DD	SW 8270	
2,6-Dinitrotoluene	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
2-Chloronaphthalene	ND	250	100	ug/Kg	01/26/14	DD	SW 8270	
2-Chlorophenol	ND	250	100	ug/Kg	01/26/14	DD	SW 8270	
2-Methylnaphthalene	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	01/26/14	DD	SW 8270	
2-Nitroaniline	ND	1800	360	ug/Kg	01/26/14	DD	SW 8270	
2-Nitrophenol	ND	250	230	ug/Kg	01/26/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	01/26/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND	710	170	ug/Kg	01/26/14	DD	SW 8270	
3-Nitroaniline	ND	1800	770	ug/Kg	01/26/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1800	380	ug/Kg	01/26/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	250	100	ug/Kg	01/26/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	01/26/14	DD	SW 8270	

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB2 0-2

Phoenix I.D.: BG03020

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Chloroaniline	ND		710	170	ug/Kg	01/26/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		250	120	ug/Kg	01/26/14	DD	SW 8270	
4-Nitroaniline	ND		1800	120	ug/Kg	01/26/14	DD	SW 8270	
4-Nitrophenol	ND		1800	160	ug/Kg	01/26/14	DD	SW 8270	
Acenaphthene	ND		250	110	ug/Kg	01/26/14	DD	SW 8270	
Acenaphthylene	ND		250	99	ug/Kg	01/26/14	DD	SW 8270	
Acetophenone	ND		250	110	ug/Kg	01/26/14	DD	SW 8270	
Aniline	ND		1800	720	ug/Kg	01/26/14	DD	SW 8270	
Anthracene	ND		250	120	ug/Kg	01/26/14	DD	SW 8270	
Benz(a)anthracene	260		250	120	ug/Kg	01/26/14	DD	SW 8270	
Benzidine	ND		710	210	ug/Kg	01/26/14	DD	SW 8270	
Benzo(a)pyrene	220	J	250	120	ug/Kg	01/26/14	DD	SW 8270	
Benzo(b)fluoranthene	330		250	120	ug/Kg	01/26/14	DD	SW 8270	
Benzo(ghi)perylene	ND		250	120	ug/Kg	01/26/14	DD	SW 8270	
Benzo(k)fluoranthene	ND		250	120	ug/Kg	01/26/14	DD	SW 8270	
Benzoic acid	ND		1800	710	ug/Kg	01/26/14	DD	SW 8270	1
Benzyl butyl phthalate	ND		250	92	ug/Kg	01/26/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND		250	98	ug/Kg	01/26/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND		250	96	ug/Kg	01/26/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND		250	99	ug/Kg	01/26/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND		250	100	ug/Kg	01/26/14	DD	SW 8270	
Carbazole	ND		1800	270	ug/Kg	01/26/14	DD	SW 8270	
Chrysene	270		250	120	ug/Kg	01/26/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND		250	120	ug/Kg	01/26/14	DD	SW 8270	
Dibenzofuran	ND		250	100	ug/Kg	01/26/14	DD	SW 8270	
Diethyl phthalate	ND		250	110	ug/Kg	01/26/14	DD	SW 8270	
Dimethylphthalate	ND		250	110	ug/Kg	01/26/14	DD	SW 8270	
Di-n-butylphthalate	ND		250	94	ug/Kg	01/26/14	DD	SW 8270	
Di-n-octylphthalate	ND		250	92	ug/Kg	01/26/14	DD	SW 8270	
Fluoranthene	510		250	120	ug/Kg	01/26/14	DD	SW 8270	
Fluorene	ND		250	120	ug/Kg	01/26/14	DD	SW 8270	
Hexachlorobenzene	ND		250	100	ug/Kg	01/26/14	DD	SW 8270	
Hexachlorobutadiene	ND		250	130	ug/Kg	01/26/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND		250	110	ug/Kg	01/26/14	DD	SW 8270	
Hexachloroethane	ND		250	110	ug/Kg	01/26/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND		250	120	ug/Kg	01/26/14	DD	SW 8270	
Isophorone	ND		250	99	ug/Kg	01/26/14	DD	SW 8270	
Naphthalene	ND		250	100	ug/Kg	01/26/14	DD	SW 8270	
Nitrobenzene	ND		250	120	ug/Kg	01/26/14	DD	SW 8270	
N-Nitrosodimethylamine	ND		250	100	ug/Kg	01/26/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND		250	120	ug/Kg	01/26/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND		250	140	ug/Kg	01/26/14	DD	SW 8270	
Pentachloronitrobenzene	ND		250	130	ug/Kg	01/26/14	DD	SW 8270	
Pentachlorophenol	ND		250	130	ug/Kg	01/26/14	DD	SW 8270	
Phenanthrene	550		250	100	ug/Kg	01/26/14	DD	SW 8270	
Phenol	ND		250	110	ug/Kg	01/26/14	DD	SW 8270	
Pyrene	440		250	120	ug/Kg	01/26/14	DD	SW 8270	
Pyridine	ND		250	87	ug/Kg	01/26/14	DD	SW 8270	

QA/QC Surrogates

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB2 0-2

Phoenix I.D.: BG03020

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2,4,6-Tribromophenol	98			%	01/26/14	DD	19 - 122 %
% 2-Fluorobiphenyl	88			%	01/26/14	DD	30 - 115 %
% 2-Fluorophenol	85			%	01/26/14	DD	25 - 121 %
% Nitrobenzene-d5	88			%	01/26/14	DD	23 - 120 %
% Phenol-d5	90			%	01/26/14	DD	24 - 113 %
% Terphenyl-d14	83			%	01/26/14	DD	18 - 137 %

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 LOD=Limit of Detection MDL=Method Detection Limit

Comments:

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

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

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

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
February 10, 2014
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 10, 2014

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:	SOLID	Collected by:		01/23/14	9:20
Location Code:	EBC	Received by:	SW	01/24/14	16:50
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG03018
Phoenix ID: BG03021

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB2 8-10

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.33	*	0.33	0.20	mg/Kg	02/03/14	LK	SW6010
Aluminum	11900		33	6.5	mg/Kg	02/03/14	LK	SW6010
Arsenic	1.6		0.7	0.65	mg/Kg	02/03/14	LK	SW6010
Barium	66.3		0.7	0.13	mg/Kg	02/03/14	LK	SW6010
Beryllium	0.58	*	0.26	0.13	mg/Kg	02/03/14	LK	SW6010
Calcium	1230		3.3	3.0	mg/Kg	02/03/14	LK	SW6010
Cadmium	< 0.33		0.33	0.13	mg/Kg	02/03/14	LK	SW6010
Cobalt	7.59		0.33	0.13	mg/Kg	02/03/14	LK	SW6010
Chromium	36.5		0.33	0.13	mg/Kg	02/03/14	LK	SW6010
Copper	23.7		0.33	0.26	mg/kg	02/03/14	LK	SW6010
Iron	19500		33	33	mg/Kg	02/03/14	LK	SW6010
Mercury	< 0.07		0.07	0.04	mg/Kg	02/03/14	RS	SW-7471
Potassium	1690	N	7	2.6	mg/Kg	02/03/14	LK	SW6010
Magnesium	3630		3.3	0.20	mg/Kg	02/03/14	LK	SW6010
Manganese	258		3.3	1.3	mg/Kg	02/03/14	LK	SW6010
Sodium	294	N	7	2.8	mg/Kg	02/03/14	LK	SW6010
Nickel	43.4		0.33	0.13	mg/Kg	02/03/14	LK	SW6010
Lead	9.1		0.7	0.20	mg/Kg	02/03/14	LK	SW6010
Antimony	< 1.6		1.6	1.6	mg/Kg	02/03/14	LK	SW6010
Selenium	< 1.3		1.3	1.1	mg/Kg	02/03/14	LK	SW6010
Thallium	< 1.3		1.3	1.3	mg/Kg	02/03/14	LK	SW6010
Vanadium	34.6		0.3	0.13	mg/Kg	02/03/14	LK	SW6010
Zinc	42.8		0.7	0.33	mg/Kg	02/03/14	LK	SW6010
Percent Solid	92				%	01/24/14	I	E160.3
Soil Extraction for PCB	Completed					01/31/14	BB/V	SW3545
Soil Extraction for Pesticide	Completed					01/31/14	BB	SW3545
Soil Extraction for SVOA	Completed					01/24/14	JJ/V	SW3545
Mercury Digestion	Completed					02/03/14	I/I	SW7471

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB2 8-10

Phoenix I.D.: BG03021

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				01/31/14	Z/T	SW846 - 3050
Polychlorinated Biphenyls							
PCB-1016	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	63			%	02/01/14	AW	30 - 150 %
% TCMX	46			%	02/01/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.6	2.6	ug/Kg	02/04/14	CE	SW8081
4,4' -DDE	ND	2.6	2.6	ug/Kg	02/04/14	CE	SW8081
4,4' -DDT	ND	2.6	2.6	ug/Kg	02/04/14	CE	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
a-Chlordane	ND	3.6	3.6	ug/Kg	02/04/14	CE	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Chlordane	ND	21	21	ug/Kg	02/04/14	CE	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Dieldrin	ND	3.0	3.0	ug/Kg	02/04/14	CE	SW8081
Endosulfan I	ND	3.6	3.6	ug/Kg	02/04/14	CE	SW8081
Endosulfan II	ND	3.6	3.6	ug/Kg	02/04/14	CE	SW8081
Endosulfan sulfate	ND	3.6	3.6	ug/Kg	02/04/14	CE	SW8081
Endrin	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Endrin aldehyde	ND	3.6	3.6	ug/Kg	02/04/14	CE	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
g-Chlordane	ND	3.6	3.6	ug/Kg	02/04/14	CE	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Methoxychlor	ND	7.1	7.1	ug/Kg	02/04/14	CE	SW8081
Toxaphene	ND	180	180	ug/Kg	02/04/14	CE	SW8081
QA/QC Surrogates							
% DCBP	54			%	02/04/14	CE	30 - 150 %
% TCMX	51			%	02/04/14	CE	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.4	0.88	ug/Kg	01/26/14	HM	SW8260
1,1,1-Trichloroethane	ND	5.4	1.1	ug/Kg	01/26/14	HM	SW8260
1,1,2,2-Tetrachloroethane	ND	5.4	0.76	ug/Kg	01/26/14	HM	SW8260
1,1,2-Trichloroethane	ND	5.4	0.53	ug/Kg	01/26/14	HM	SW8260
1,1-Dichloroethane	ND	5.4	1.1	ug/Kg	01/26/14	HM	SW8260
1,1-Dichloroethene	ND	5.4	1.2	ug/Kg	01/26/14	HM	SW8260

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB2 8-10

Phoenix I.D.: BG03021

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloropropene	ND		5.4	1.0	ug/Kg	01/26/14	HM	SW8260	
1,2,3-Trichlorobenzene	ND		5.4	1.1	ug/Kg	01/26/14	HM	SW8260	
1,2,3-Trichloropropane	ND		5.4	0.76	ug/Kg	01/26/14	HM	SW8260	
1,2,4-Trichlorobenzene	ND		5.4	1.1	ug/Kg	01/26/14	HM	SW8260	
1,2,4-Trimethylbenzene	1.7	J	5.4	0.77	ug/Kg	01/26/14	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND		5.4	1.4	ug/Kg	01/26/14	HM	SW8260	
1,2-Dibromoethane	ND		5.4	1.4	ug/Kg	01/26/14	HM	SW8260	
1,2-Dichlorobenzene	ND		5.4	0.59	ug/Kg	01/26/14	HM	SW8260	
1,2-Dichloroethane	ND		5.4	0.47	ug/Kg	01/26/14	HM	SW8260	
1,2-Dichloropropane	ND		5.4	0.76	ug/Kg	01/26/14	HM	SW8260	
1,3,5-Trimethylbenzene	ND		5.4	0.71	ug/Kg	01/26/14	HM	SW8260	
1,3-Dichlorobenzene	ND		5.4	0.80	ug/Kg	01/26/14	HM	SW8260	
1,3-Dichloropropane	ND		5.4	0.57	ug/Kg	01/26/14	HM	SW8260	
1,4-Dichlorobenzene	ND		5.4	0.85	ug/Kg	01/26/14	HM	SW8260	
2,2-Dichloropropane	ND		5.4	0.90	ug/Kg	01/26/14	HM	SW8260	
2-Chlorotoluene	ND		5.4	0.86	ug/Kg	01/26/14	HM	SW8260	
2-Hexanone	ND		27	2.4	ug/Kg	01/26/14	HM	SW8260	
2-Isopropyltoluene	ND		5.4	0.74	ug/Kg	01/26/14	HM	SW8260	1
4-Chlorotoluene	ND		5.4	0.62	ug/Kg	01/26/14	HM	SW8260	
4-Methyl-2-pentanone	ND		27	1.3	ug/Kg	01/26/14	HM	SW8260	
Acetone	ND		50	5.3	ug/Kg	01/26/14	HM	SW8260	
Acrylonitrile	ND		11	3.0	ug/Kg	01/26/14	HM	SW8260	
Benzene	ND		5.4	1.1	ug/Kg	01/26/14	HM	SW8260	
Bromobenzene	ND		5.4	0.70	ug/Kg	01/26/14	HM	SW8260	
Bromochloromethane	ND		5.4	0.79	ug/Kg	01/26/14	HM	SW8260	
Bromodichloromethane	ND		5.4	0.67	ug/Kg	01/26/14	HM	SW8260	
Bromoform	ND		5.4	0.75	ug/Kg	01/26/14	HM	SW8260	
Bromomethane	ND		5.4	4.1	ug/Kg	01/26/14	HM	SW8260	
Carbon Disulfide	ND		5.4	0.87	ug/Kg	01/26/14	HM	SW8260	
Carbon tetrachloride	ND		5.4	0.62	ug/Kg	01/26/14	HM	SW8260	
Chlorobenzene	ND		5.4	0.80	ug/Kg	01/26/14	HM	SW8260	
Chloroethane	ND		5.4	1.3	ug/Kg	01/26/14	HM	SW8260	
Chloroform	ND		5.4	0.98	ug/Kg	01/26/14	HM	SW8260	
Chloromethane	ND		5.4	2.8	ug/Kg	01/26/14	HM	SW8260	
cis-1,2-Dichloroethene	ND		5.4	1.2	ug/Kg	01/26/14	HM	SW8260	
cis-1,3-Dichloropropene	ND		5.4	0.58	ug/Kg	01/26/14	HM	SW8260	
Dibromochloromethane	ND		5.4	0.60	ug/Kg	01/26/14	HM	SW8260	
Dibromomethane	ND		5.4	0.68	ug/Kg	01/26/14	HM	SW8260	
Dichlorodifluoromethane	ND		5.4	1.4	ug/Kg	01/26/14	HM	SW8260	
Ethylbenzene	ND		5.4	0.98	ug/Kg	01/26/14	HM	SW8260	
Hexachlorobutadiene	ND		5.4	1.1	ug/Kg	01/26/14	HM	SW8260	
Isopropylbenzene	ND		5.4	1.0	ug/Kg	01/26/14	HM	SW8260	
m&p-Xylene	ND		5.4	2.1	ug/Kg	01/26/14	HM	SW8260	
Methyl Ethyl Ketone	ND		32	4.7	ug/Kg	01/26/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND		11	1.5	ug/Kg	01/26/14	HM	SW8260	
Methylene chloride	1.2	JS	5.4	0.88	ug/Kg	01/26/14	HM	SW8260	
Naphthalene	1.6	J	5.4	1.4	ug/Kg	01/26/14	HM	SW8260	
n-Butylbenzene	ND		5.4	0.98	ug/Kg	01/26/14	HM	SW8260	
n-Propylbenzene	ND		5.4	0.97	ug/Kg	01/26/14	HM	SW8260	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
o-Xylene	ND	5.4	2.1	ug/Kg	01/26/14	HM	SW8260	
p-Isopropyltoluene	ND	5.4	0.77	ug/Kg	01/26/14	HM	SW8260	
sec-Butylbenzene	ND	5.4	1.0	ug/Kg	01/26/14	HM	SW8260	
Styrene	ND	5.4	1.5	ug/Kg	01/26/14	HM	SW8260	
tert-Butylbenzene	ND	5.4	0.86	ug/Kg	01/26/14	HM	SW8260	
Tetrachloroethene	ND	5.4	1.1	ug/Kg	01/26/14	HM	SW8260	
Tetrahydrofuran (THF)	ND	11	4.8	ug/Kg	01/26/14	HM	SW8260	1
Toluene	ND	5.4	0.85	ug/Kg	01/26/14	HM	SW8260	
trans-1,2-Dichloroethene	ND	5.4	1.1	ug/Kg	01/26/14	HM	SW8260	
trans-1,3-Dichloropropene	ND	5.4	1.1	ug/Kg	01/26/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND	11	10	ug/Kg	01/26/14	HM	SW8260	
Trichloroethene	ND	5.4	1.1	ug/Kg	01/26/14	HM	SW8260	
Trichlorofluoromethane	ND	5.4	1.2	ug/Kg	01/26/14	HM	SW8260	
Trichlorotrifluoroethane	ND	5.4	0.84	ug/Kg	01/26/14	HM	SW8260	
Vinyl chloride	ND	5.4	1.7	ug/Kg	01/26/14	HM	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	01/26/14	HM	70 - 121 %	
% Bromofluorobenzene	94			%	01/26/14	HM	59 - 113 %	
% Dibromofluoromethane	107			%	01/26/14	HM	70 - 130 %	
% Toluene-d8	98			%	01/26/14	HM	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
1,2-Dichlorobenzene	ND	250	99	ug/Kg	01/26/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
1,3-Dichlorobenzene	ND	250	100	ug/Kg	01/26/14	DD	SW 8270	
1,4-Dichlorobenzene	ND	250	100	ug/Kg	01/26/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND	250	190	ug/Kg	01/26/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
2,4-Dichlorophenol	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
2,4-Dimethylphenol	ND	250	87	ug/Kg	01/26/14	DD	SW 8270	
2,4-Dinitrophenol	ND	1800	250	ug/Kg	01/26/14	DD	SW 8270	
2,4-Dinitrotoluene	ND	250	140	ug/Kg	01/26/14	DD	SW 8270	
2,6-Dinitrotoluene	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
2-Chloronaphthalene	ND	250	100	ug/Kg	01/26/14	DD	SW 8270	
2-Chlorophenol	ND	250	100	ug/Kg	01/26/14	DD	SW 8270	
2-Methylnaphthalene	ND	250	100	ug/Kg	01/26/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	01/26/14	DD	SW 8270	
2-Nitroaniline	ND	1800	360	ug/Kg	01/26/14	DD	SW 8270	
2-Nitrophenol	ND	250	220	ug/Kg	01/26/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	01/26/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND	700	170	ug/Kg	01/26/14	DD	SW 8270	
3-Nitroaniline	ND	1800	770	ug/Kg	01/26/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1800	380	ug/Kg	01/26/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	250	100	ug/Kg	01/26/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
4-Chloroaniline	ND	700	160	ug/Kg	01/26/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
4-Nitroaniline	ND	1800	120	ug/Kg	01/26/14	DD	SW 8270	

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB2 8-10

Phoenix I.D.: BG03021

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitrophenol	ND	1800	160	ug/Kg	01/26/14	DD	SW 8270	
Acenaphthene	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
Acenaphthylene	ND	250	99	ug/Kg	01/26/14	DD	SW 8270	
Acetophenone	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
Aniline	ND	1800	710	ug/Kg	01/26/14	DD	SW 8270	
Anthracene	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
Benz(a)anthracene	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
Benzidine	ND	700	210	ug/Kg	01/26/14	DD	SW 8270	
Benzo(a)pyrene	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
Benzo(b)fluoranthene	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
Benzo(ghi)perylene	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
Benzo(k)fluoranthene	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
Benzoic acid	ND	1800	700	ug/Kg	01/26/14	DD	SW 8270	1
Benzyl butyl phthalate	ND	250	91	ug/Kg	01/26/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	250	97	ug/Kg	01/26/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	250	95	ug/Kg	01/26/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	250	98	ug/Kg	01/26/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	01/26/14	DD	SW 8270	
Carbazole	ND	1800	270	ug/Kg	01/26/14	DD	SW 8270	
Chrysene	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
Dibenzofuran	ND	250	100	ug/Kg	01/26/14	DD	SW 8270	
Diethyl phthalate	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
Dimethylphthalate	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
Di-n-butylphthalate	ND	250	94	ug/Kg	01/26/14	DD	SW 8270	
Di-n-octylphthalate	ND	250	91	ug/Kg	01/26/14	DD	SW 8270	
Fluoranthene	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
Fluorene	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
Hexachlorobenzene	ND	250	100	ug/Kg	01/26/14	DD	SW 8270	
Hexachlorobutadiene	ND	250	130	ug/Kg	01/26/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
Hexachloroethane	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
Isophorone	ND	250	99	ug/Kg	01/26/14	DD	SW 8270	
Naphthalene	ND	250	100	ug/Kg	01/26/14	DD	SW 8270	
Nitrobenzene	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
N-Nitrosodimethylamine	ND	250	99	ug/Kg	01/26/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	01/26/14	DD	SW 8270	
Pentachloronitrobenzene	ND	250	130	ug/Kg	01/26/14	DD	SW 8270	
Pentachlorophenol	ND	250	130	ug/Kg	01/26/14	DD	SW 8270	
Phenanthrene	ND	250	100	ug/Kg	01/26/14	DD	SW 8270	
Phenol	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
Pyrene	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
Pyridine	ND	250	87	ug/Kg	01/26/14	DD	SW 8270	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	101			%	01/26/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	88			%	01/26/14	DD	30 - 115 %	
% 2-Fluorophenol	88			%	01/26/14	DD	25 - 121 %	

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB2 8-10

Phoenix I.D.: BG03021

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	87			%	01/26/14	DD	23 - 120 %
% Phenol-d5	91			%	01/26/14	DD	24 - 113 %
% Terphenyl-d14	92			%	01/26/14	DD	18 - 137 %

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 LOD=Limit of Detection MDL=Method Detection Limit

Comments:

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

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

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

For Pesticides, due to matrix interference from non target compounds in the sample an elevated RL was reported.

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
February 10, 2014
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 10, 2014

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:	SOLID	Collected by:		01/23/14	10:00
Location Code:	EBC	Received by:	SW	01/24/14	16:50
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG03018
Phoenix ID: BG03022

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB3 0-2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	0.83	*	0.34	0.21	mg/Kg	02/03/14	LK	SW6010
Aluminum	6160		34	6.8	mg/Kg	02/03/14	LK	SW6010
Arsenic	18.1		0.7	0.68	mg/Kg	02/03/14	LK	SW6010
Barium	117		0.7	0.14	mg/Kg	02/03/14	LK	SW6010
Beryllium	0.28	*	0.27	0.14	mg/Kg	02/03/14	LK	SW6010
Calcium	64800		34	31	mg/Kg	02/03/14	LK	SW6010
Cadmium	2.92		0.34	0.14	mg/Kg	02/03/14	LK	SW6010
Cobalt	3.14		0.34	0.14	mg/Kg	02/03/14	LK	SW6010
Chromium	35.2		0.34	0.14	mg/Kg	02/03/14	LK	SW6010
Copper	111		0.34	0.27	mg/kg	02/03/14	LK	SW6010
Mercury	0.34		0.09	0.05	mg/Kg	02/03/14	RS	SW-7471
Potassium	933	N	7	2.7	mg/Kg	02/03/14	LK	SW6010
Magnesium	8980		34	2.1	mg/Kg	02/03/14	LK	SW6010
Manganese	172		3.4	1.4	mg/Kg	02/03/14	LK	SW6010
Sodium	1550	N	7	2.9	mg/Kg	02/03/14	LK	SW6010
Nickel	23.1		0.34	0.14	mg/Kg	02/03/14	LK	SW6010
Lead	680		6.8	2.1	mg/Kg	02/03/14	LK	SW6010
Antimony	< 1.7		1.7	1.7	mg/Kg	02/03/14	LK	SW6010
Selenium	< 1.4		1.4	1.2	mg/Kg	02/03/14	LK	SW6010
Thallium	< 1.4		1.4	1.4	mg/Kg	02/03/14	LK	SW6010
Vanadium	62.0		0.3	0.14	mg/Kg	02/03/14	LK	SW6010
Zinc	274		6.8	3.4	mg/Kg	02/03/14	LK	SW6010
Percent Solid	87				%	01/24/14	I	E160.3
Soil Extraction for PCB	Completed					01/31/14	BB/V	SW3545
Soil Extraction for Pesticide	Completed					01/31/14	BB	SW3545
Soil Extraction for SVOA	Completed					01/24/14	JJ/V	SW3545
Mercury Digestion	Completed					02/03/14	I/I	SW7471
Total Metals Digest	Completed					01/31/14	Z/T	SW846 - 3050

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Polychlorinated Biphenyls							
PCB-1016	ND	38	38	ug/Kg	02/01/14	AW	SW 8082
PCB-1221	ND	38	38	ug/Kg	02/01/14	AW	SW 8082
PCB-1232	ND	38	38	ug/Kg	02/01/14	AW	SW 8082
PCB-1242	ND	38	38	ug/Kg	02/01/14	AW	SW 8082
PCB-1248	ND	38	38	ug/Kg	02/01/14	AW	SW 8082
PCB-1254	ND	38	38	ug/Kg	02/01/14	AW	SW 8082
PCB-1260	300	38	38	ug/Kg	02/01/14	AW	SW 8082
PCB-1262	ND	38	38	ug/Kg	02/01/14	AW	SW 8082
PCB-1268	ND	38	38	ug/Kg	02/01/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	83			%	02/01/14	AW	30 - 150 %
% TCMX	64			%	02/01/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	14	14	ug/Kg	02/04/14	CE	SW8081
4,4' -DDE	ND	14	14	ug/Kg	02/04/14	CE	SW8081
4,4' -DDT	ND	22	22	ug/Kg	02/04/14	CE	SW8081
a-BHC	ND	9.4	9.4	ug/Kg	02/04/14	CE	SW8081
a-Chlordane	ND	19	19	ug/Kg	02/04/14	CE	SW8081
Aldrin	ND	9.4	9.4	ug/Kg	02/04/14	CE	SW8081
b-BHC	ND	9.4	9.4	ug/Kg	02/04/14	CE	SW8081
Chlordane	ND	150	150	ug/Kg	02/04/14	CE	SW8081
d-BHC	ND	9.4	9.4	ug/Kg	02/04/14	CE	SW8081
Dieldrin	ND	9.4	9.4	ug/Kg	02/04/14	CE	SW8081
Endosulfan I	ND	19	19	ug/Kg	02/04/14	CE	SW8081
Endosulfan II	ND	19	19	ug/Kg	02/04/14	CE	SW8081
Endosulfan sulfate	ND	19	19	ug/Kg	02/04/14	CE	SW8081
Endrin	ND	9.4	9.4	ug/Kg	02/04/14	CE	SW8081
Endrin aldehyde	ND	19	19	ug/Kg	02/04/14	CE	SW8081
Endrin ketone	ND	9.4	9.4	ug/Kg	02/04/14	CE	SW8081
g-BHC	ND	9.4	9.4	ug/Kg	02/04/14	CE	SW8081
g-Chlordane	ND	19	19	ug/Kg	02/04/14	CE	SW8081
Heptachlor	ND	9.4	9.4	ug/Kg	02/04/14	CE	SW8081
Heptachlor epoxide	ND	9.4	9.4	ug/Kg	02/04/14	CE	SW8081
Methoxychlor	ND	38	38	ug/Kg	02/04/14	CE	SW8081
Toxaphene	ND	940	940	ug/Kg	02/04/14	CE	SW8081
QA/QC Surrogates							
% DCBP	Diluted Out			%	02/04/14	CE	30 - 150 %
% TCMX	Diluted Out			%	02/04/14	CE	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.7	0.94	ug/Kg	01/27/14	HM	SW8260
1,1,1-Trichloroethane	ND	5.7	1.1	ug/Kg	01/27/14	HM	SW8260
1,1,2,2-Tetrachloroethane	ND	5.7	0.82	ug/Kg	01/27/14	HM	SW8260
1,1,2-Trichloroethane	ND	5.7	0.56	ug/Kg	01/27/14	HM	SW8260
1,1-Dichloroethane	ND	5.7	1.1	ug/Kg	01/27/14	HM	SW8260
1,1-Dichloroethene	ND	5.7	1.3	ug/Kg	01/27/14	HM	SW8260
1,1-Dichloropropene	ND	5.7	1.1	ug/Kg	01/27/14	HM	SW8260

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB3 0-2

Phoenix I.D.: BG03022

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,2,3-Trichlorobenzene	ND		290	57	ug/Kg	01/26/14	HM	SW8260	
1,2,3-Trichloropropane	ND		290	41	ug/Kg	01/26/14	HM	SW8260	
1,2,4-Trichlorobenzene	ND		290	57	ug/Kg	01/26/14	HM	SW8260	
1,2,4-Trimethylbenzene	730		290	41	ug/Kg	01/26/14	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND		290	77	ug/Kg	01/26/14	HM	SW8260	
1,2-Dibromoethane	ND		5.7	1.5	ug/Kg	01/27/14	HM	SW8260	
1,2-Dichlorobenzene	ND		290	32	ug/Kg	01/26/14	HM	SW8260	
1,2-Dichloroethane	ND		5.7	0.51	ug/Kg	01/27/14	HM	SW8260	
1,2-Dichloropropane	ND		5.7	0.82	ug/Kg	01/27/14	HM	SW8260	
1,3,5-Trimethylbenzene	290		290	38	ug/Kg	01/26/14	HM	SW8260	
1,3-Dichlorobenzene	ND		290	43	ug/Kg	01/26/14	HM	SW8260	
1,3-Dichloropropane	ND		5.7	0.61	ug/Kg	01/27/14	HM	SW8260	
1,4-Dichlorobenzene	ND		290	45	ug/Kg	01/26/14	HM	SW8260	
2,2-Dichloropropane	ND		5.7	0.97	ug/Kg	01/27/14	HM	SW8260	
2-Chlorotoluene	ND		290	46	ug/Kg	01/26/14	HM	SW8260	
2-Hexanone	ND		29	2.6	ug/Kg	01/27/14	HM	SW8260	
2-Isopropyltoluene	ND		290	40	ug/Kg	01/26/14	HM	SW8260	1
4-Chlorotoluene	ND		290	33	ug/Kg	01/26/14	HM	SW8260	
4-Methyl-2-pentanone	ND		29	1.4	ug/Kg	01/27/14	HM	SW8260	
Acetone	56	JS	50	5.7	ug/Kg	01/27/14	HM	SW8260	
Acrylonitrile	ND		11	3.2	ug/Kg	01/27/14	HM	SW8260	
Benzene	ND		5.7	1.1	ug/Kg	01/27/14	HM	SW8260	
Bromobenzene	ND		290	37	ug/Kg	01/26/14	HM	SW8260	
Bromochloromethane	ND		5.7	0.84	ug/Kg	01/27/14	HM	SW8260	
Bromodichloromethane	ND		5.7	0.71	ug/Kg	01/27/14	HM	SW8260	
Bromoform	ND		5.7	0.80	ug/Kg	01/27/14	HM	SW8260	
Bromomethane	ND		5.7	4.4	ug/Kg	01/27/14	HM	SW8260	
Carbon Disulfide	ND		5.7	0.93	ug/Kg	01/27/14	HM	SW8260	
Carbon tetrachloride	ND		5.7	0.67	ug/Kg	01/27/14	HM	SW8260	
Chlorobenzene	ND		5.7	0.85	ug/Kg	01/27/14	HM	SW8260	
Chloroethane	ND		5.7	1.3	ug/Kg	01/27/14	HM	SW8260	
Chloroform	ND		5.7	1.0	ug/Kg	01/27/14	HM	SW8260	
Chloromethane	ND		5.7	3.0	ug/Kg	01/27/14	HM	SW8260	
cis-1,2-Dichloroethene	ND		5.7	1.3	ug/Kg	01/27/14	HM	SW8260	
cis-1,3-Dichloropropene	ND		5.7	0.62	ug/Kg	01/27/14	HM	SW8260	
Dibromochloromethane	ND		5.7	0.64	ug/Kg	01/27/14	HM	SW8260	
Dibromomethane	ND		5.7	0.72	ug/Kg	01/27/14	HM	SW8260	
Dichlorodifluoromethane	ND		5.7	1.5	ug/Kg	01/27/14	HM	SW8260	
Ethylbenzene	7.0		5.7	1.0	ug/Kg	01/27/14	HM	SW8260	
Hexachlorobutadiene	ND		290	60	ug/Kg	01/26/14	HM	SW8260	
Isopropylbenzene	ND		290	55	ug/Kg	01/26/14	HM	SW8260	
m&p-Xylene	400		290	110	ug/Kg	01/26/14	HM	SW8260	
Methyl Ethyl Ketone	10	J	34	5.0	ug/Kg	01/27/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND		11	1.6	ug/Kg	01/27/14	HM	SW8260	
Methylene chloride	2.2	JS	5.7	0.94	ug/Kg	01/27/14	HM	SW8260	
Naphthalene	ND		290	77	ug/Kg	01/26/14	HM	SW8260	
n-Butylbenzene	ND		290	52	ug/Kg	01/26/14	HM	SW8260	
n-Propylbenzene	ND		290	52	ug/Kg	01/26/14	HM	SW8260	
o-Xylene	130		5.7	2.2	ug/Kg	01/27/14	HM	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
p-Isopropyltoluene	ND		290	41	ug/Kg	01/26/14	HM	SW8260	
sec-Butylbenzene	ND		290	54	ug/Kg	01/26/14	HM	SW8260	
Styrene	ND		5.7	1.7	ug/Kg	01/27/14	HM	SW8260	
tert-Butylbenzene	ND		290	46	ug/Kg	01/26/14	HM	SW8260	
Tetrachloroethene	ND		5.7	1.2	ug/Kg	01/27/14	HM	SW8260	
Tetrahydrofuran (THF)	ND		11	5.2	ug/Kg	01/27/14	HM	SW8260	1
Toluene	1.5	J	5.7	0.91	ug/Kg	01/27/14	HM	SW8260	
trans-1,2-Dichloroethene	ND		5.7	1.1	ug/Kg	01/27/14	HM	SW8260	
trans-1,3-Dichloropropene	ND		5.7	1.2	ug/Kg	01/27/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND		570	530	ug/Kg	01/26/14	HM	SW8260	
Trichloroethene	ND		5.7	1.2	ug/Kg	01/27/14	HM	SW8260	
Trichlorofluoromethane	ND		5.7	1.3	ug/Kg	01/27/14	HM	SW8260	
Trichlorotrifluoroethane	ND		5.7	0.90	ug/Kg	01/27/14	HM	SW8260	
Vinyl chloride	ND		5.7	1.9	ug/Kg	01/27/14	HM	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100				%	01/26/14	HM	70 - 121 %	
% Bromofluorobenzene	96				%	01/26/14	HM	59 - 113 %	
% Dibromofluoromethane	91				%	01/27/14	HM	70 - 130 %	
% Toluene-d8	92				%	01/27/14	HM	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		270	130	ug/Kg	01/26/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		270	110	ug/Kg	01/26/14	DD	SW 8270	
1,2-Dichlorobenzene	ND		270	110	ug/Kg	01/26/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND		270	120	ug/Kg	01/26/14	DD	SW 8270	
1,3-Dichlorobenzene	ND		270	110	ug/Kg	01/26/14	DD	SW 8270	
1,4-Dichlorobenzene	ND		270	110	ug/Kg	01/26/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND		270	210	ug/Kg	01/26/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND		270	120	ug/Kg	01/26/14	DD	SW 8270	
2,4-Dichlorophenol	ND		270	130	ug/Kg	01/26/14	DD	SW 8270	
2,4-Dimethylphenol	ND		270	94	ug/Kg	01/26/14	DD	SW 8270	
2,4-Dinitrophenol	ND		1900	270	ug/Kg	01/26/14	DD	SW 8270	
2,4-Dinitrotoluene	ND		270	150	ug/Kg	01/26/14	DD	SW 8270	
2,6-Dinitrotoluene	ND		270	120	ug/Kg	01/26/14	DD	SW 8270	
2-Chloronaphthalene	ND		270	110	ug/Kg	01/26/14	DD	SW 8270	
2-Chlorophenol	ND		270	110	ug/Kg	01/26/14	DD	SW 8270	
2-Methylnaphthalene	350		270	110	ug/Kg	01/26/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		270	180	ug/Kg	01/26/14	DD	SW 8270	
2-Nitroaniline	ND		1900	380	ug/Kg	01/26/14	DD	SW 8270	
2-Nitrophenol	ND		270	240	ug/Kg	01/26/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		270	150	ug/Kg	01/26/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		760	180	ug/Kg	01/26/14	DD	SW 8270	
3-Nitroaniline	ND		1900	830	ug/Kg	01/26/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		1900	410	ug/Kg	01/26/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		270	110	ug/Kg	01/26/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND		270	130	ug/Kg	01/26/14	DD	SW 8270	
4-Chloroaniline	ND		760	180	ug/Kg	01/26/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		270	130	ug/Kg	01/26/14	DD	SW 8270	
4-Nitroaniline	ND		1900	130	ug/Kg	01/26/14	DD	SW 8270	
4-Nitrophenol	ND		1900	170	ug/Kg	01/26/14	DD	SW 8270	

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB3 0-2

Phoenix I.D.: BG03022

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Acenaphthene	ND		270	120	ug/Kg	01/26/14	DD	SW 8270	
Acenaphthylene	ND		270	110	ug/Kg	01/26/14	DD	SW 8270	
Acetophenone	ND		270	120	ug/Kg	01/26/14	DD	SW 8270	
Aniline	ND		1900	770	ug/Kg	01/26/14	DD	SW 8270	
Anthracene	ND		270	120	ug/Kg	01/26/14	DD	SW 8270	
Benz(a)anthracene	ND		270	130	ug/Kg	01/26/14	DD	SW 8270	
Benzidine	ND		760	220	ug/Kg	01/26/14	DD	SW 8270	
Benzo(a)pyrene	ND		270	120	ug/Kg	01/26/14	DD	SW 8270	
Benzo(b)fluoranthene	220	J	270	130	ug/Kg	01/26/14	DD	SW 8270	
Benzo(ghi)perylene	170	J	270	120	ug/Kg	01/26/14	DD	SW 8270	
Benzo(k)fluoranthene	ND		270	130	ug/Kg	01/26/14	DD	SW 8270	
Benzoic acid	ND		1900	760	ug/Kg	01/26/14	DD	SW 8270	1
Benzyl butyl phthalate	220	J	270	98	ug/Kg	01/26/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND		270	100	ug/Kg	01/26/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND		270	100	ug/Kg	01/26/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND		270	110	ug/Kg	01/26/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	380		270	110	ug/Kg	01/26/14	DD	SW 8270	
Carbazole	ND		1900	290	ug/Kg	01/26/14	DD	SW 8270	
Chrysene	140	J	270	130	ug/Kg	01/26/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND		270	120	ug/Kg	01/26/14	DD	SW 8270	
Dibenzofuran	ND		270	110	ug/Kg	01/26/14	DD	SW 8270	
Diethyl phthalate	ND		270	120	ug/Kg	01/26/14	DD	SW 8270	
Dimethylphthalate	ND		270	120	ug/Kg	01/26/14	DD	SW 8270	
Di-n-butylphthalate	ND		270	100	ug/Kg	01/26/14	DD	SW 8270	
Di-n-octylphthalate	ND		270	98	ug/Kg	01/26/14	DD	SW 8270	
Fluoranthene	ND		270	120	ug/Kg	01/26/14	DD	SW 8270	
Fluorene	ND		270	130	ug/Kg	01/26/14	DD	SW 8270	
Hexachlorobenzene	ND		270	110	ug/Kg	01/26/14	DD	SW 8270	
Hexachlorobutadiene	ND		270	140	ug/Kg	01/26/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND		270	120	ug/Kg	01/26/14	DD	SW 8270	
Hexachloroethane	ND		270	110	ug/Kg	01/26/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND		270	130	ug/Kg	01/26/14	DD	SW 8270	
Isophorone	ND		270	110	ug/Kg	01/26/14	DD	SW 8270	
Naphthalene	170	J	270	110	ug/Kg	01/26/14	DD	SW 8270	
Nitrobenzene	ND		270	130	ug/Kg	01/26/14	DD	SW 8270	
N-Nitrosodimethylamine	ND		270	110	ug/Kg	01/26/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND		270	120	ug/Kg	01/26/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND		270	150	ug/Kg	01/26/14	DD	SW 8270	
Pentachloronitrobenzene	ND		270	140	ug/Kg	01/26/14	DD	SW 8270	
Pentachlorophenol	ND		270	140	ug/Kg	01/26/14	DD	SW 8270	
Phenanthrene	140	J	270	110	ug/Kg	01/26/14	DD	SW 8270	
Phenol	ND		270	120	ug/Kg	01/26/14	DD	SW 8270	
Pyrene	180	J	270	130	ug/Kg	01/26/14	DD	SW 8270	
Pyridine	ND		270	93	ug/Kg	01/26/14	DD	SW 8270	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	52				%	01/26/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	82				%	01/26/14	DD	30 - 115 %	
% 2-Fluorophenol	74				%	01/26/14	DD	25 - 121 %	
% Nitrobenzene-d5	80				%	01/26/14	DD	23 - 120 %	

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB3 0-2

Phoenix I.D.: BG03022

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Phenol-d5	87			%	01/26/14	DD	24 - 113 %
% Terphenyl-d14	83			%	01/26/14	DD	18 - 137 %

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 LOD=Limit of Detection MDL=Method Detection Limit

Comments:

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

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

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

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

*For Pesticides, due to matrix interference caused by the presence of PCBs in the samples an elevated MDL was reported.

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
February 10, 2014
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 10, 2014

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:	SOLID	Collected by:		01/23/14	10:20
Location Code:	EBC	Received by:	SW	01/24/14	16:50
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG03018
Phoenix ID: BG03023

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB3 12-14

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.39	*	0.39	0.23	mg/Kg	02/03/14	LK	SW6010
Aluminum	7820		39	7.8	mg/Kg	02/03/14	LK	SW6010
Arsenic	0.9		0.8	0.78	mg/Kg	02/03/14	LK	SW6010
Barium	48.1		0.8	0.16	mg/Kg	02/03/14	LK	SW6010
Beryllium	0.39	*	0.31	0.16	mg/Kg	02/03/14	LK	SW6010
Calcium	2620		3.9	3.6	mg/Kg	02/03/14	LK	SW6010
Cadmium	< 0.39		0.39	0.16	mg/Kg	02/03/14	LK	SW6010
Cobalt	7.78		0.39	0.16	mg/Kg	02/03/14	LK	SW6010
Chromium	21.8		0.39	0.16	mg/Kg	02/03/14	LK	SW6010
Copper	29.7		0.39	0.31	mg/kg	02/03/14	LK	SW6010
Mercury	< 0.08		0.08	0.05	mg/Kg	02/03/14	RS	SW-7471
Potassium	1860	N	8	3.0	mg/Kg	02/03/14	LK	SW6010
Magnesium	3740		3.9	0.23	mg/Kg	02/03/14	LK	SW6010
Manganese	303		3.9	1.6	mg/Kg	02/03/14	LK	SW6010
Sodium	579	N	8	3.3	mg/Kg	02/03/14	LK	SW6010
Nickel	46.6		0.39	0.16	mg/Kg	02/03/14	LK	SW6010
Lead	8.8		0.8	0.23	mg/Kg	02/03/14	LK	SW6010
Antimony	< 1.9		1.9	1.9	mg/Kg	02/03/14	LK	SW6010
Selenium	< 1.6		1.6	1.3	mg/Kg	02/03/14	LK	SW6010
Thallium	< 1.6		1.6	1.6	mg/Kg	02/03/14	LK	SW6010
Vanadium	43.0		0.4	0.16	mg/Kg	02/03/14	LK	SW6010
Zinc	40.7		0.8	0.39	mg/Kg	02/03/14	LK	SW6010
Percent Solid	92				%	01/24/14	I	E160.3
Soil Extraction for PCB	Completed					01/31/14	BB/V	SW3545
Soil Extraction for Pesticide	Completed					01/31/14	BB	SW3545
Soil Extraction for SVOA	Completed					01/24/14	JJ/V	SW3545
Mercury Digestion	Completed					02/03/14	I/I	SW7471
Total Metals Digest	Completed					01/31/14	Z/T	SW846 - 3050

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Polychlorinated Biphenyls							
PCB-1016	ND	35	35	ug/Kg	02/01/14	AW	SW 8082
PCB-1221	ND	35	35	ug/Kg	02/01/14	AW	SW 8082
PCB-1232	ND	35	35	ug/Kg	02/01/14	AW	SW 8082
PCB-1242	ND	35	35	ug/Kg	02/01/14	AW	SW 8082
PCB-1248	ND	35	35	ug/Kg	02/01/14	AW	SW 8082
PCB-1254	ND	35	35	ug/Kg	02/01/14	AW	SW 8082
PCB-1260	ND	35	35	ug/Kg	02/01/14	AW	SW 8082
PCB-1262	ND	35	35	ug/Kg	02/01/14	AW	SW 8082
PCB-1268	ND	35	35	ug/Kg	02/01/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	93			%	02/01/14	AW	30 - 150 %
% TCMX	79			%	02/01/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.5	2.5	ug/Kg	02/04/14	CE	SW8081
4,4' -DDE	ND	2.5	2.5	ug/Kg	02/04/14	CE	SW8081
4,4' -DDT	ND	2.5	2.5	ug/Kg	02/04/14	CE	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
a-Chlordane	ND	3.5	3.5	ug/Kg	02/04/14	CE	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Chlordane	ND	21	21	ug/Kg	02/04/14	CE	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Endosulfan I	ND	3.5	3.5	ug/Kg	02/04/14	CE	SW8081
Endosulfan II	ND	3.5	3.5	ug/Kg	02/04/14	CE	SW8081
Endosulfan sulfate	ND	3.5	3.5	ug/Kg	02/04/14	CE	SW8081
Endrin	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Endrin aldehyde	ND	3.5	3.5	ug/Kg	02/04/14	CE	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
g-Chlordane	ND	3.5	3.5	ug/Kg	02/04/14	CE	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Methoxychlor	ND	7.1	7.1	ug/Kg	02/04/14	CE	SW8081
Toxaphene	ND	180	180	ug/Kg	02/04/14	CE	SW8081
QA/QC Surrogates							
% DCBP	94			%	02/04/14	CE	30 - 150 %
% TCMX	87			%	02/04/14	CE	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.4	0.89	ug/Kg	01/26/14	HM	SW8260
1,1,1-Trichloroethane	ND	5.4	1.1	ug/Kg	01/26/14	HM	SW8260
1,1,2,2-Tetrachloroethane	ND	5.4	0.77	ug/Kg	01/26/14	HM	SW8260
1,1,2-Trichloroethane	ND	5.4	0.53	ug/Kg	01/26/14	HM	SW8260
1,1-Dichloroethane	ND	5.4	1.1	ug/Kg	01/26/14	HM	SW8260
1,1-Dichloroethene	ND	5.4	1.2	ug/Kg	01/26/14	HM	SW8260
1,1-Dichloropropene	ND	5.4	1.1	ug/Kg	01/26/14	HM	SW8260

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB3 12-14

Phoenix I.D.: BG03023

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,2,3-Trichlorobenzene	ND		5.4	1.1	ug/Kg	01/26/14	HM	SW8260	
1,2,3-Trichloropropane	ND		5.4	0.77	ug/Kg	01/26/14	HM	SW8260	
1,2,4-Trichlorobenzene	ND		5.4	1.1	ug/Kg	01/26/14	HM	SW8260	
1,2,4-Trimethylbenzene	ND		5.4	0.78	ug/Kg	01/26/14	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND		5.4	1.5	ug/Kg	01/26/14	HM	SW8260	
1,2-Dibromoethane	ND		5.4	1.4	ug/Kg	01/26/14	HM	SW8260	
1,2-Dichlorobenzene	ND		5.4	0.60	ug/Kg	01/26/14	HM	SW8260	
1,2-Dichloroethane	ND		5.4	0.48	ug/Kg	01/26/14	HM	SW8260	
1,2-Dichloropropane	ND		5.4	0.77	ug/Kg	01/26/14	HM	SW8260	
1,3,5-Trimethylbenzene	ND		5.4	0.72	ug/Kg	01/26/14	HM	SW8260	
1,3-Dichlorobenzene	ND		5.4	0.80	ug/Kg	01/26/14	HM	SW8260	
1,3-Dichloropropane	ND		5.4	0.58	ug/Kg	01/26/14	HM	SW8260	
1,4-Dichlorobenzene	ND		5.4	0.86	ug/Kg	01/26/14	HM	SW8260	
2,2-Dichloropropane	ND		5.4	0.91	ug/Kg	01/26/14	HM	SW8260	
2-Chlorotoluene	ND		5.4	0.87	ug/Kg	01/26/14	HM	SW8260	
2-Hexanone	ND		27	2.4	ug/Kg	01/26/14	HM	SW8260	
2-Isopropyltoluene	ND		5.4	0.75	ug/Kg	01/26/14	HM	SW8260	1
4-Chlorotoluene	ND		5.4	0.63	ug/Kg	01/26/14	HM	SW8260	
4-Methyl-2-pentanone	ND		27	1.3	ug/Kg	01/26/14	HM	SW8260	
Acetone	17	JS	50	5.4	ug/Kg	01/26/14	HM	SW8260	
Acrylonitrile	ND		11	3.1	ug/Kg	01/26/14	HM	SW8260	
Benzene	ND		5.4	1.1	ug/Kg	01/26/14	HM	SW8260	
Bromobenzene	ND		5.4	0.71	ug/Kg	01/26/14	HM	SW8260	
Bromochloromethane	ND		5.4	0.79	ug/Kg	01/26/14	HM	SW8260	
Bromodichloromethane	ND		5.4	0.67	ug/Kg	01/26/14	HM	SW8260	
Bromoform	ND		5.4	0.76	ug/Kg	01/26/14	HM	SW8260	
Bromomethane	ND		5.4	4.2	ug/Kg	01/26/14	HM	SW8260	
Carbon Disulfide	ND		5.4	0.88	ug/Kg	01/26/14	HM	SW8260	
Carbon tetrachloride	ND		5.4	0.63	ug/Kg	01/26/14	HM	SW8260	
Chlorobenzene	ND		5.4	0.80	ug/Kg	01/26/14	HM	SW8260	
Chloroethane	ND		5.4	1.3	ug/Kg	01/26/14	HM	SW8260	
Chloroform	ND		5.4	0.99	ug/Kg	01/26/14	HM	SW8260	
Chloromethane	ND		5.4	2.8	ug/Kg	01/26/14	HM	SW8260	
cis-1,2-Dichloroethene	ND		5.4	1.2	ug/Kg	01/26/14	HM	SW8260	
cis-1,3-Dichloropropene	ND		5.4	0.59	ug/Kg	01/26/14	HM	SW8260	
Dibromochloromethane	ND		5.4	0.61	ug/Kg	01/26/14	HM	SW8260	
Dibromomethane	ND		5.4	0.68	ug/Kg	01/26/14	HM	SW8260	
Dichlorodifluoromethane	ND		5.4	1.4	ug/Kg	01/26/14	HM	SW8260	
Ethylbenzene	ND		5.4	0.99	ug/Kg	01/26/14	HM	SW8260	
Hexachlorobutadiene	ND		5.4	1.1	ug/Kg	01/26/14	HM	SW8260	
Isopropylbenzene	ND		5.4	1.0	ug/Kg	01/26/14	HM	SW8260	
m&p-Xylene	ND		5.4	2.1	ug/Kg	01/26/14	HM	SW8260	
Methyl Ethyl Ketone	ND		33	4.7	ug/Kg	01/26/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND		11	1.5	ug/Kg	01/26/14	HM	SW8260	
Methylene chloride	1.3	JS	5.4	0.89	ug/Kg	01/26/14	HM	SW8260	
Naphthalene	ND		5.4	1.5	ug/Kg	01/26/14	HM	SW8260	
n-Butylbenzene	ND		5.4	0.99	ug/Kg	01/26/14	HM	SW8260	
n-Propylbenzene	ND		5.4	0.98	ug/Kg	01/26/14	HM	SW8260	
o-Xylene	ND		5.4	2.1	ug/Kg	01/26/14	HM	SW8260	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
p-Isopropyltoluene	ND	5.4	0.78	ug/Kg	01/26/14	HM	SW8260	
sec-Butylbenzene	ND	5.4	1.0	ug/Kg	01/26/14	HM	SW8260	
Styrene	ND	5.4	1.6	ug/Kg	01/26/14	HM	SW8260	
tert-Butylbenzene	ND	5.4	0.87	ug/Kg	01/26/14	HM	SW8260	
Tetrachloroethene	ND	5.4	1.1	ug/Kg	01/26/14	HM	SW8260	
Tetrahydrofuran (THF)	ND	11	4.9	ug/Kg	01/26/14	HM	SW8260	1
Toluene	ND	5.4	0.86	ug/Kg	01/26/14	HM	SW8260	
trans-1,2-Dichloroethene	ND	5.4	1.1	ug/Kg	01/26/14	HM	SW8260	
trans-1,3-Dichloropropene	ND	5.4	1.1	ug/Kg	01/26/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND	11	10	ug/Kg	01/26/14	HM	SW8260	
Trichloroethene	ND	5.4	1.2	ug/Kg	01/26/14	HM	SW8260	
Trichlorofluoromethane	ND	5.4	1.2	ug/Kg	01/26/14	HM	SW8260	
Trichlorotrifluoroethane	ND	5.4	0.85	ug/Kg	01/26/14	HM	SW8260	
Vinyl chloride	ND	5.4	1.8	ug/Kg	01/26/14	HM	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102			%	01/26/14	HM	70 - 121 %	
% Bromofluorobenzene	95			%	01/26/14	HM	59 - 113 %	
% Dibromofluoromethane	100			%	01/26/14	HM	70 - 130 %	
% Toluene-d8	97			%	01/26/14	HM	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	01/26/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
1,2-Dichlorobenzene	ND	250	100	ug/Kg	01/26/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
1,3-Dichlorobenzene	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
1,4-Dichlorobenzene	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	01/26/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
2,4-Dichlorophenol	ND	250	130	ug/Kg	01/26/14	DD	SW 8270	
2,4-Dimethylphenol	ND	250	89	ug/Kg	01/26/14	DD	SW 8270	
2,4-Dinitrophenol	ND	1800	250	ug/Kg	01/26/14	DD	SW 8270	
2,4-Dinitrotoluene	ND	250	140	ug/Kg	01/26/14	DD	SW 8270	
2,6-Dinitrotoluene	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
2-Chloronaphthalene	ND	250	100	ug/Kg	01/26/14	DD	SW 8270	
2-Chlorophenol	ND	250	100	ug/Kg	01/26/14	DD	SW 8270	
2-Methylnaphthalene	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	01/26/14	DD	SW 8270	
2-Nitroaniline	ND	1800	360	ug/Kg	01/26/14	DD	SW 8270	
2-Nitrophenol	ND	250	230	ug/Kg	01/26/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	01/26/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND	720	170	ug/Kg	01/26/14	DD	SW 8270	
3-Nitroaniline	ND	1800	780	ug/Kg	01/26/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1800	390	ug/Kg	01/26/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	01/26/14	DD	SW 8270	
4-Chloroaniline	ND	720	170	ug/Kg	01/26/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
4-Nitroaniline	ND	1800	120	ug/Kg	01/26/14	DD	SW 8270	
4-Nitrophenol	ND	1800	160	ug/Kg	01/26/14	DD	SW 8270	

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB3 12-14

Phoenix I.D.: BG03023

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Acenaphthene	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
Acenaphthylene	ND	250	100	ug/Kg	01/26/14	DD	SW 8270	
Acetophenone	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
Aniline	ND	1800	730	ug/Kg	01/26/14	DD	SW 8270	
Anthracene	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
Benz(a)anthracene	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
Benzidine	ND	720	210	ug/Kg	01/26/14	DD	SW 8270	
Benzo(a)pyrene	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
Benzo(b)fluoranthene	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
Benzo(ghi)perylene	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
Benzo(k)fluoranthene	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
Benzoic acid	ND	1800	720	ug/Kg	01/26/14	DD	SW 8270	1
Benzyl butyl phthalate	ND	250	93	ug/Kg	01/26/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	250	99	ug/Kg	01/26/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	250	97	ug/Kg	01/26/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	250	100	ug/Kg	01/26/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	01/26/14	DD	SW 8270	
Carbazole	ND	1800	270	ug/Kg	01/26/14	DD	SW 8270	
Chrysene	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
Dibenzofuran	ND	250	100	ug/Kg	01/26/14	DD	SW 8270	
Diethyl phthalate	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
Dimethylphthalate	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
Di-n-butylphthalate	ND	250	96	ug/Kg	01/26/14	DD	SW 8270	
Di-n-octylphthalate	ND	250	93	ug/Kg	01/26/14	DD	SW 8270	
Fluoranthene	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
Fluorene	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
Hexachlorobenzene	ND	250	100	ug/Kg	01/26/14	DD	SW 8270	
Hexachlorobutadiene	ND	250	130	ug/Kg	01/26/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
Hexachloroethane	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
Isophorone	ND	250	100	ug/Kg	01/26/14	DD	SW 8270	
Naphthalene	ND	250	100	ug/Kg	01/26/14	DD	SW 8270	
Nitrobenzene	ND	250	130	ug/Kg	01/26/14	DD	SW 8270	
N-Nitrosodimethylamine	ND	250	100	ug/Kg	01/26/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	01/26/14	DD	SW 8270	
Pentachloronitrobenzene	ND	250	130	ug/Kg	01/26/14	DD	SW 8270	
Pentachlorophenol	ND	250	140	ug/Kg	01/26/14	DD	SW 8270	
Phenanthrene	ND	250	100	ug/Kg	01/26/14	DD	SW 8270	
Phenol	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
Pyrene	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
Pyridine	ND	250	88	ug/Kg	01/26/14	DD	SW 8270	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	98			%	01/26/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	82			%	01/26/14	DD	30 - 115 %	
% 2-Fluorophenol	87			%	01/26/14	DD	25 - 121 %	
% Nitrobenzene-d5	71			%	01/26/14	DD	23 - 120 %	

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB3 12-14

Phoenix I.D.: BG03023

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Phenol-d5	89			%	01/26/14	DD	24 - 113 %
% Terphenyl-d14	84			%	01/26/14	DD	18 - 137 %

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 LOD=Limit of Detection MDL=Method Detection Limit

Comments:

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

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

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

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

If 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
February 10, 2014
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 10, 2014

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:	SOLID	Collected by:		01/23/14	11:00
Location Code:	EBC	Received by:	SW	01/24/14	16:50
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG03018
Phoenix ID: BG03024

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB4 0-2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.38		0.38	0.23	mg/Kg	01/27/14	LK	SW6010
Aluminum	7570		38	7.6	mg/Kg	01/27/14	LK	SW6010
Arsenic	9.8	*	0.8	0.76	mg/Kg	01/27/14	LK	SW6010
Barium	238		0.8	0.15	mg/Kg	01/27/14	LK	SW6010
Beryllium	0.40		0.30	0.15	mg/Kg	01/27/14	LK	SW6010
Calcium	34600		38	35	mg/Kg	01/27/14	LK	SW6010
Cadmium	1.00		0.38	0.15	mg/Kg	01/27/14	LK	SW6010
Cobalt	4.96		0.38	0.15	mg/Kg	01/27/14	LK	SW6010
Chromium	24.5		0.38	0.15	mg/Kg	01/27/14	LK	SW6010
Copper	36.9	N	0.38	0.30	mg/kg	01/27/14	LK	SW6010
Iron	21900	*	38	38	mg/Kg	01/27/14	LK	SW6010
Mercury	0.76		0.07	0.04	mg/Kg	01/27/14	RS	SW-7471
Potassium	1190	N	8	3.0	mg/Kg	01/27/14	LK	SW6010
Magnesium	9000		38	2.3	mg/Kg	01/27/14	LK	SW6010
Manganese	354	N	3.8	1.5	mg/Kg	01/27/14	LK	SW6010
Sodium	667	N	8	3.3	mg/Kg	01/27/14	LK	SW6010
Nickel	26.6		0.38	0.15	mg/Kg	01/27/14	LK	SW6010
Lead	482	N*	7.6	2.3	mg/Kg	01/27/14	LK	SW6010
Antimony	< 1.9		1.9	1.9	mg/Kg	01/27/14	LK	SW6010
Selenium	< 1.5		1.5	1.3	mg/Kg	01/27/14	LK	SW6010
TCLP Lead	0.22		0.10	0.010	mg/L	01/28/14	LK	SW6010
Thallium	< 1.5		1.5	1.5	mg/Kg	01/27/14	LK	SW6010
TCLP Metals Digestion	Completed					01/28/14	I/I	SW3005
Vanadium	28.0		0.4	0.15	mg/Kg	01/27/14	LK	SW6010
Zinc	453	N	7.6	3.8	mg/Kg	01/27/14	LK	SW6010
Percent Solid	89				%	01/24/14	I	E160.3
Soil Extraction for PCB	Completed					01/31/14	BB/V	SW3545
Soil Extraction for Pesticide	Completed					01/31/14	BB	SW3545

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Soil Extraction for SVOA	Completed				01/24/14	JJ/V	SW3545
Mercury Digestion	Completed				01/27/14	I/I	SW7471
TCLP Extraction for Metals	Completed				01/27/14	I	EPA 1311
Total Metals Digest	Completed				01/24/14	Z/T	SW846 - 3050
Polychlorinated Biphenyls							
PCB-1016	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	108			%	02/01/14	AW	30 - 150 %
% TCMX	58			%	02/01/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	13	13	ug/Kg	02/04/14	CE	SW8081
4,4' -DDE	ND	13	13	ug/Kg	02/04/14	CE	SW8081
4,4' -DDT	31	13	13	ug/Kg	02/04/14	CE	SW8081
a-BHC	ND	9.1	9.1	ug/Kg	02/04/14	CE	SW8081
a-Chlordane	ND	18	18	ug/Kg	02/04/14	CE	SW8081
Aldrin	ND	9.1	9.1	ug/Kg	02/04/14	CE	SW8081
b-BHC	ND	9.1	9.1	ug/Kg	02/04/14	CE	SW8081
Chlordane	170	110	110	ug/Kg	02/04/14	CE	SW8081
d-BHC	ND	9.1	9.1	ug/Kg	02/04/14	CE	SW8081
Dieldrin	ND	9.1	9.1	ug/Kg	02/04/14	CE	SW8081
Endosulfan I	ND	18	18	ug/Kg	02/04/14	CE	SW8081
Endosulfan II	ND	18	18	ug/Kg	02/04/14	CE	SW8081
Endosulfan sulfate	ND	18	18	ug/Kg	02/04/14	CE	SW8081
Endrin	ND	9.1	9.1	ug/Kg	02/04/14	CE	SW8081
Endrin aldehyde	ND	18	18	ug/Kg	02/04/14	CE	SW8081
Endrin ketone	ND	9.1	9.1	ug/Kg	02/04/14	CE	SW8081
g-BHC	ND	9.1	9.1	ug/Kg	02/04/14	CE	SW8081
g-Chlordane	ND	18	18	ug/Kg	02/04/14	CE	SW8081
Heptachlor	ND	9.1	9.1	ug/Kg	02/04/14	CE	SW8081
Heptachlor epoxide	ND	9.1	9.1	ug/Kg	02/04/14	CE	SW8081
Methoxychlor	ND	36	36	ug/Kg	02/04/14	CE	SW8081
Toxaphene	ND	910	910	ug/Kg	02/04/14	CE	SW8081
QA/QC Surrogates							
% DCBP	Diluted Out			%	02/04/14	CE	30 - 150 %
% TCMX	Diluted Out			%	02/04/14	CE	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.6	0.92	ug/Kg	01/27/14	HM	SW8260
1,1,1-Trichloroethane	ND	5.6	1.1	ug/Kg	01/27/14	HM	SW8260
1,1,2,2-Tetrachloroethane	ND	5.6	0.80	ug/Kg	01/27/14	HM	SW8260

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB4 0-2

Phoenix I.D.: BG03024

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1,2-Trichloroethane	ND		5.6	0.55	ug/Kg	01/27/14	HM	SW8260	
1,1-Dichloroethane	ND		5.6	1.1	ug/Kg	01/27/14	HM	SW8260	
1,1-Dichloroethene	ND		5.6	1.2	ug/Kg	01/27/14	HM	SW8260	
1,1-Dichloropropene	ND		5.6	1.1	ug/Kg	01/27/14	HM	SW8260	
1,2,3-Trichlorobenzene	ND		5.6	1.1	ug/Kg	01/27/14	HM	SW8260	
1,2,3-Trichloropropane	ND		5.6	0.80	ug/Kg	01/27/14	HM	SW8260	
1,2,4-Trichlorobenzene	ND		5.6	1.1	ug/Kg	01/27/14	HM	SW8260	
1,2,4-Trimethylbenzene	24		5.6	0.81	ug/Kg	01/27/14	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND		5.6	1.5	ug/Kg	01/27/14	HM	SW8260	
1,2-Dibromoethane	ND		5.6	1.5	ug/Kg	01/27/14	HM	SW8260	
1,2-Dichlorobenzene	ND		5.6	0.62	ug/Kg	01/27/14	HM	SW8260	
1,2-Dichloroethane	ND		5.6	0.49	ug/Kg	01/27/14	HM	SW8260	
1,2-Dichloropropane	ND		5.6	0.80	ug/Kg	01/27/14	HM	SW8260	
1,3,5-Trimethylbenzene	14		5.6	0.74	ug/Kg	01/27/14	HM	SW8260	
1,3-Dichlorobenzene	ND		5.6	0.83	ug/Kg	01/27/14	HM	SW8260	
1,3-Dichloropropane	ND		5.6	0.60	ug/Kg	01/27/14	HM	SW8260	
1,4-Dichlorobenzene	ND		5.6	0.89	ug/Kg	01/27/14	HM	SW8260	
2,2-Dichloropropane	ND		5.6	0.94	ug/Kg	01/27/14	HM	SW8260	
2-Chlorotoluene	ND		5.6	0.90	ug/Kg	01/27/14	HM	SW8260	
2-Hexanone	ND		28	2.5	ug/Kg	01/27/14	HM	SW8260	
2-Isopropyltoluene	ND		5.6	0.78	ug/Kg	01/27/14	HM	SW8260	1
4-Chlorotoluene	ND		5.6	0.65	ug/Kg	01/27/14	HM	SW8260	
4-Methyl-2-pentanone	ND		28	1.3	ug/Kg	01/27/14	HM	SW8260	
Acetone	ND		50	5.6	ug/Kg	01/27/14	HM	SW8260	
Acrylonitrile	ND		11	3.2	ug/Kg	01/27/14	HM	SW8260	
Benzene	ND		5.6	1.1	ug/Kg	01/27/14	HM	SW8260	
Bromobenzene	ND		5.6	0.73	ug/Kg	01/27/14	HM	SW8260	
Bromochloromethane	ND		5.6	0.82	ug/Kg	01/27/14	HM	SW8260	
Bromodichloromethane	ND		5.6	0.70	ug/Kg	01/27/14	HM	SW8260	
Bromoform	ND		5.6	0.79	ug/Kg	01/27/14	HM	SW8260	
Bromomethane	ND		5.6	4.3	ug/Kg	01/27/14	HM	SW8260	
Carbon Disulfide	ND		5.6	0.91	ug/Kg	01/27/14	HM	SW8260	
Carbon tetrachloride	ND		5.6	0.65	ug/Kg	01/27/14	HM	SW8260	
Chlorobenzene	ND		5.6	0.83	ug/Kg	01/27/14	HM	SW8260	
Chloroethane	ND		5.6	1.3	ug/Kg	01/27/14	HM	SW8260	
Chloroform	ND		5.6	1.0	ug/Kg	01/27/14	HM	SW8260	
Chloromethane	ND		5.6	2.9	ug/Kg	01/27/14	HM	SW8260	
cis-1,2-Dichloroethene	ND		5.6	1.2	ug/Kg	01/27/14	HM	SW8260	
cis-1,3-Dichloropropene	ND		5.6	0.61	ug/Kg	01/27/14	HM	SW8260	
Dibromochloromethane	ND		5.6	0.63	ug/Kg	01/27/14	HM	SW8260	
Dibromomethane	ND		5.6	0.71	ug/Kg	01/27/14	HM	SW8260	
Dichlorodifluoromethane	ND		5.6	1.5	ug/Kg	01/27/14	HM	SW8260	
Ethylbenzene	ND		5.6	1.0	ug/Kg	01/27/14	HM	SW8260	
Hexachlorobutadiene	ND		5.6	1.2	ug/Kg	01/27/14	HM	SW8260	
Isopropylbenzene	ND		5.6	1.1	ug/Kg	01/27/14	HM	SW8260	
m&p-Xylene	6.0		5.6	2.2	ug/Kg	01/27/14	HM	SW8260	
Methyl Ethyl Ketone	ND		34	4.9	ug/Kg	01/27/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND		11	1.6	ug/Kg	01/27/14	HM	SW8260	
Methylene chloride	1.7	JS	5.6	0.92	ug/Kg	01/27/14	HM	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Naphthalene	20		5.6	1.5	ug/Kg	01/27/14	HM	SW8260	
n-Butylbenzene	ND		5.6	1.0	ug/Kg	01/27/14	HM	SW8260	
n-Propylbenzene	1.2	J	5.6	1.0	ug/Kg	01/27/14	HM	SW8260	
o-Xylene	7.1		5.6	2.1	ug/Kg	01/27/14	HM	SW8260	
p-Isopropyltoluene	ND		5.6	0.81	ug/Kg	01/27/14	HM	SW8260	
sec-Butylbenzene	ND		5.6	1.1	ug/Kg	01/27/14	HM	SW8260	
Styrene	ND		5.6	1.6	ug/Kg	01/27/14	HM	SW8260	
tert-Butylbenzene	ND		5.6	0.90	ug/Kg	01/27/14	HM	SW8260	
Tetrachloroethene	ND		5.6	1.2	ug/Kg	01/27/14	HM	SW8260	
Tetrahydrofuran (THF)	ND		11	5.1	ug/Kg	01/27/14	HM	SW8260	1
Toluene	ND		5.6	0.89	ug/Kg	01/27/14	HM	SW8260	
trans-1,2-Dichloroethene	ND		5.6	1.1	ug/Kg	01/27/14	HM	SW8260	
trans-1,3-Dichloropropene	ND		5.6	1.1	ug/Kg	01/27/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND		11	10	ug/Kg	01/27/14	HM	SW8260	
Trichloroethene	ND		5.6	1.2	ug/Kg	01/27/14	HM	SW8260	
Trichlorofluoromethane	ND		5.6	1.2	ug/Kg	01/27/14	HM	SW8260	
Trichlorotrifluoroethane	ND		5.6	0.88	ug/Kg	01/27/14	HM	SW8260	
Vinyl chloride	ND		5.6	1.8	ug/Kg	01/27/14	HM	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100				%	01/27/14	HM	70 - 121 %	
% Bromofluorobenzene	89				%	01/27/14	HM	59 - 113 %	
% Dibromofluoromethane	104				%	01/27/14	HM	70 - 130 %	
% Toluene-d8	96				%	01/27/14	HM	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		2600	1300	ug/Kg	01/28/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		2600	1100	ug/Kg	01/28/14	DD	SW 8270	
1,2-Dichlorobenzene	ND		2600	1000	ug/Kg	01/28/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND		2600	1200	ug/Kg	01/28/14	DD	SW 8270	
1,3-Dichlorobenzene	ND		2600	1100	ug/Kg	01/28/14	DD	SW 8270	
1,4-Dichlorobenzene	ND		2600	1100	ug/Kg	01/28/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND		2600	2000	ug/Kg	01/28/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND		2600	1200	ug/Kg	01/28/14	DD	SW 8270	
2,4-Dichlorophenol	ND		2600	1300	ug/Kg	01/28/14	DD	SW 8270	
2,4-Dimethylphenol	ND		2600	920	ug/Kg	01/28/14	DD	SW 8270	
2,4-Dinitrophenol	ND		19000	2600	ug/Kg	01/28/14	DD	SW 8270	
2,4-Dinitrotoluene	ND		2600	1500	ug/Kg	01/28/14	DD	SW 8270	
2,6-Dinitrotoluene	ND		2600	1200	ug/Kg	01/28/14	DD	SW 8270	
2-Chloronaphthalene	ND		2600	1100	ug/Kg	01/28/14	DD	SW 8270	
2-Chlorophenol	ND		2600	1100	ug/Kg	01/28/14	DD	SW 8270	
2-Methylnaphthalene	ND		2600	1100	ug/Kg	01/28/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		2600	1700	ug/Kg	01/28/14	DD	SW 8270	
2-Nitroaniline	ND		19000	3800	ug/Kg	01/28/14	DD	SW 8270	
2-Nitrophenol	ND		2600	2400	ug/Kg	01/28/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		2600	1500	ug/Kg	01/28/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		7400	1800	ug/Kg	01/28/14	DD	SW 8270	
3-Nitroaniline	ND		19000	8100	ug/Kg	01/28/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		19000	4000	ug/Kg	01/28/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		2600	1100	ug/Kg	01/28/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND		2600	1300	ug/Kg	01/28/14	DD	SW 8270	

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB4 0-2

Phoenix I.D.: BG03024

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Chloroaniline	ND		7400	1700	ug/Kg	01/28/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		2600	1200	ug/Kg	01/28/14	DD	SW 8270	
4-Nitroaniline	ND		19000	1200	ug/Kg	01/28/14	DD	SW 8270	
4-Nitrophenol	ND		19000	1700	ug/Kg	01/28/14	DD	SW 8270	
Acenaphthene	1400	J	2600	1100	ug/Kg	01/28/14	DD	SW 8270	
Acenaphthylene	1400	J	2600	1000	ug/Kg	01/28/14	DD	SW 8270	
Acetophenone	ND		2600	1200	ug/Kg	01/28/14	DD	SW 8270	
Aniline	ND		19000	7500	ug/Kg	01/28/14	DD	SW 8270	
Anthracene	7900		2600	1200	ug/Kg	01/28/14	DD	SW 8270	
Benz(a)anthracene	21000		2600	1200	ug/Kg	01/28/14	DD	SW 8270	
Benzidine	ND		7400	2200	ug/Kg	01/28/14	DD	SW 8270	
Benzo(a)pyrene	17000		2600	1200	ug/Kg	01/28/14	DD	SW 8270	
Benzo(b)fluoranthene	24000		2600	1300	ug/Kg	01/28/14	DD	SW 8270	
Benzo(ghi)perylene	11000		2600	1200	ug/Kg	01/28/14	DD	SW 8270	
Benzo(k)fluoranthene	5600		2600	1200	ug/Kg	01/28/14	DD	SW 8270	
Benzoic acid	ND		19000	7400	ug/Kg	01/28/14	DD	SW 8270	1
Benzyl butyl phthalate	ND		2600	960	ug/Kg	01/28/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND		2600	1000	ug/Kg	01/28/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND		2600	1000	ug/Kg	01/28/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND		2600	1000	ug/Kg	01/28/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND		2600	1100	ug/Kg	01/28/14	DD	SW 8270	
Carbazole	3000	J	19000	2800	ug/Kg	01/28/14	DD	SW 8270	
Chrysene	20000		2600	1200	ug/Kg	01/28/14	DD	SW 8270	
Dibenz(a,h)anthracene	2500	J	2600	1200	ug/Kg	01/28/14	DD	SW 8270	
Dibenzofuran	1800	J	2600	1100	ug/Kg	01/28/14	DD	SW 8270	
Diethyl phthalate	ND		2600	1200	ug/Kg	01/28/14	DD	SW 8270	
Dimethylphthalate	ND		2600	1200	ug/Kg	01/28/14	DD	SW 8270	
Di-n-butylphthalate	ND		2600	990	ug/Kg	01/28/14	DD	SW 8270	
Di-n-octylphthalate	ND		2600	960	ug/Kg	01/28/14	DD	SW 8270	
Fluoranthene	59000		2600	1200	ug/Kg	01/28/14	DD	SW 8270	
Fluorene	2400	J	2600	1200	ug/Kg	01/28/14	DD	SW 8270	
Hexachlorobenzene	ND		2600	1100	ug/Kg	01/28/14	DD	SW 8270	
Hexachlorobutadiene	ND		2600	1300	ug/Kg	01/28/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND		2600	1100	ug/Kg	01/28/14	DD	SW 8270	
Hexachloroethane	ND		2600	1100	ug/Kg	01/28/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	9900		2600	1200	ug/Kg	01/28/14	DD	SW 8270	
Isophorone	ND		2600	1000	ug/Kg	01/28/14	DD	SW 8270	
Naphthalene	1100	J	2600	1100	ug/Kg	01/28/14	DD	SW 8270	
Nitrobenzene	ND		2600	1300	ug/Kg	01/28/14	DD	SW 8270	
N-Nitrosodimethylamine	ND		2600	1000	ug/Kg	01/28/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND		2600	1200	ug/Kg	01/28/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND		2600	1400	ug/Kg	01/28/14	DD	SW 8270	
Pentachloronitrobenzene	ND		2600	1400	ug/Kg	01/28/14	DD	SW 8270	
Pentachlorophenol	ND		2600	1400	ug/Kg	01/28/14	DD	SW 8270	
Phenanthrene	42000		2600	1100	ug/Kg	01/28/14	DD	SW 8270	
Phenol	ND		2600	1200	ug/Kg	01/28/14	DD	SW 8270	
Pyrene	50000		2600	1300	ug/Kg	01/28/14	DD	SW 8270	
Pyridine	ND		2600	910	ug/Kg	01/28/14	DD	SW 8270	

QA/QC Surrogates

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB4 0-2

Phoenix I.D.: BG03024

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2,4,6-Tribromophenol	*Diluted Out			%	01/28/14	DD	19 - 122 %
% 2-Fluorobiphenyl	*Diluted Out			%	01/28/14	DD	30 - 115 %
% 2-Fluorophenol	*Diluted Out			%	01/28/14	DD	25 - 121 %
% Nitrobenzene-d5	*Diluted Out			%	01/28/14	DD	23 - 120 %
% Phenol-d5	*Diluted Out			%	01/28/14	DD	24 - 113 %
% Terphenyl-d14	*Diluted Out			%	01/28/14	DD	18 - 137 %

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 LOD=Limit of Detection MDL=Method Detection Limit

Comments:

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

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

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

For Pesticides, due to matrix interference from non target compounds in the sample an elevated RL was reported.

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
February 10, 2014
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 10, 2014

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:	SOLID	Collected by:		01/23/14	11:20
Location Code:	EBC	Received by:	SW	01/24/14	16:50
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG03018
Phoenix ID: BG03025

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB4 12-14

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.35	*	0.35	0.21	mg/Kg	02/03/14	LK	SW6010
Aluminum	8850		35	7.1	mg/Kg	02/03/14	LK	SW6010
Barium	52.2		0.7	0.14	mg/Kg	02/03/14	LK	SW6010
Beryllium	0.53	*	0.28	0.14	mg/Kg	02/03/14	LK	SW6010
Calcium	2320		3.5	3.2	mg/Kg	02/03/14	LK	SW6010
Cadmium	0.36		0.35	0.14	mg/Kg	02/03/14	LK	SW6010
Cobalt	6.93		0.35	0.14	mg/Kg	02/03/14	LK	SW6010
Chromium	26.6		0.35	0.14	mg/Kg	02/03/14	LK	SW6010
Copper	26.5		0.35	0.28	mg/kg	02/03/14	LK	SW6010
Mercury	< 0.06		0.06	0.04	mg/Kg	02/03/14	RS	SW-7471
Potassium	1780	N	7	2.8	mg/Kg	02/03/14	LK	SW6010
Magnesium	4630		3.5	0.21	mg/Kg	02/03/14	LK	SW6010
Manganese	677		3.5	1.4	mg/Kg	02/03/14	LK	SW6010
Sodium	358	N	7	3.0	mg/Kg	02/03/14	LK	SW6010
Nickel	45.6		0.35	0.14	mg/Kg	02/03/14	LK	SW6010
Lead	8.9		0.7	0.21	mg/Kg	02/03/14	LK	SW6010
Antimony	< 1.8		1.8	1.8	mg/Kg	02/03/14	LK	SW6010
Selenium	< 1.4		1.4	1.2	mg/Kg	02/03/14	LK	SW6010
Thallium	< 1.4		1.4	1.4	mg/Kg	02/03/14	LK	SW6010
Vanadium	38.6		0.4	0.14	mg/Kg	02/03/14	LK	SW6010
Zinc	52.9		0.7	0.35	mg/Kg	02/03/14	LK	SW6010
Percent Solid	92				%	01/24/14	I	E160.3
Soil Extraction for PCB	Completed					01/31/14	BB/V	SW3545
Soil Extraction for Pesticide	Completed					01/31/14	BB	SW3545
Soil Extraction for SVOA	Completed					01/24/14	JJ/V	SW3545
Mercury Digestion	Completed					02/03/14	I/I	SW7471
Total Metals Digest	Completed					01/31/14	Z/T	SW846 - 3050

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Polychlorinated Biphenyls							
PCB-1016	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	94			%	02/01/14	AW	30 - 150 %
% TCMX	76			%	02/01/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.6	2.6	ug/Kg	02/04/14	CE	SW8081
4,4' -DDE	ND	2.6	2.6	ug/Kg	02/04/14	CE	SW8081
4,4' -DDT	ND	2.6	2.6	ug/Kg	02/04/14	CE	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
a-Chlordane	ND	3.6	3.6	ug/Kg	02/04/14	CE	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Chlordane	ND	21	21	ug/Kg	02/04/14	CE	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Endosulfan I	ND	3.6	3.6	ug/Kg	02/04/14	CE	SW8081
Endosulfan II	ND	3.6	3.6	ug/Kg	02/04/14	CE	SW8081
Endosulfan sulfate	ND	3.6	3.6	ug/Kg	02/04/14	CE	SW8081
Endrin	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Endrin aldehyde	ND	3.6	3.6	ug/Kg	02/04/14	CE	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
g-Chlordane	ND	3.6	3.6	ug/Kg	02/04/14	CE	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Methoxychlor	ND	7.1	7.1	ug/Kg	02/04/14	CE	SW8081
Toxaphene	ND	180	180	ug/Kg	02/04/14	CE	SW8081
QA/QC Surrogates							
% DCBP	90			%	02/04/14	CE	30 - 150 %
% TCMX	85			%	02/04/14	CE	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.4	0.89	ug/Kg	01/27/14	PL	SW8260
1,1,1-Trichloroethane	ND	5.4	1.1	ug/Kg	01/27/14	PL	SW8260
1,1,2,2-Tetrachloroethane	ND	5.4	0.77	ug/Kg	01/27/14	PL	SW8260
1,1,2-Trichloroethane	ND	5.4	0.53	ug/Kg	01/27/14	PL	SW8260
1,1-Dichloroethane	ND	5.4	1.1	ug/Kg	01/27/14	PL	SW8260
1,1-Dichloroethene	ND	5.4	1.2	ug/Kg	01/27/14	PL	SW8260
1,1-Dichloropropene	ND	5.4	1.1	ug/Kg	01/27/14	PL	SW8260

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB4 12-14

Phoenix I.D.: BG03025

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,2,3-Trichlorobenzene	ND		5.4	1.1	ug/Kg	01/27/14	PL	SW8260	
1,2,3-Trichloropropane	ND		5.4	0.77	ug/Kg	01/27/14	PL	SW8260	
1,2,4-Trichlorobenzene	ND		5.4	1.1	ug/Kg	01/27/14	PL	SW8260	
1,2,4-Trimethylbenzene	ND		5.4	0.78	ug/Kg	01/27/14	PL	SW8260	
1,2-Dibromo-3-chloropropane	ND		5.4	1.5	ug/Kg	01/27/14	PL	SW8260	
1,2-Dibromoethane	ND		5.4	1.4	ug/Kg	01/27/14	PL	SW8260	
1,2-Dichlorobenzene	ND		5.4	0.60	ug/Kg	01/27/14	PL	SW8260	
1,2-Dichloroethane	ND		5.4	0.48	ug/Kg	01/27/14	PL	SW8260	
1,2-Dichloropropane	ND		5.4	0.77	ug/Kg	01/27/14	PL	SW8260	
1,3,5-Trimethylbenzene	ND		5.4	0.72	ug/Kg	01/27/14	PL	SW8260	
1,3-Dichlorobenzene	ND		5.4	0.80	ug/Kg	01/27/14	PL	SW8260	
1,3-Dichloropropane	ND		5.4	0.58	ug/Kg	01/27/14	PL	SW8260	
1,4-Dichlorobenzene	ND		5.4	0.86	ug/Kg	01/27/14	PL	SW8260	
2,2-Dichloropropane	ND		5.4	0.91	ug/Kg	01/27/14	PL	SW8260	
2-Chlorotoluene	ND		5.4	0.87	ug/Kg	01/27/14	PL	SW8260	
2-Hexanone	ND		27	2.4	ug/Kg	01/27/14	PL	SW8260	
2-Isopropyltoluene	ND		5.4	0.75	ug/Kg	01/27/14	PL	SW8260	1
4-Chlorotoluene	ND		5.4	0.63	ug/Kg	01/27/14	PL	SW8260	
4-Methyl-2-pentanone	ND		27	1.3	ug/Kg	01/27/14	PL	SW8260	
Acetone	37	JS	50	5.4	ug/Kg	01/27/14	PL	SW8260	
Acrylonitrile	ND		11	3.1	ug/Kg	01/27/14	PL	SW8260	
Benzene	ND		5.4	1.1	ug/Kg	01/27/14	PL	SW8260	
Bromobenzene	ND		5.4	0.71	ug/Kg	01/27/14	PL	SW8260	
Bromochloromethane	ND		5.4	0.79	ug/Kg	01/27/14	PL	SW8260	
Bromodichloromethane	ND		5.4	0.67	ug/Kg	01/27/14	PL	SW8260	
Bromoform	ND		5.4	0.76	ug/Kg	01/27/14	PL	SW8260	
Bromomethane	ND		5.4	4.2	ug/Kg	01/27/14	PL	SW8260	
Carbon Disulfide	ND		5.4	0.88	ug/Kg	01/27/14	PL	SW8260	
Carbon tetrachloride	ND		5.4	0.63	ug/Kg	01/27/14	PL	SW8260	
Chlorobenzene	ND		5.4	0.80	ug/Kg	01/27/14	PL	SW8260	
Chloroethane	ND		5.4	1.3	ug/Kg	01/27/14	PL	SW8260	
Chloroform	ND		5.4	0.99	ug/Kg	01/27/14	PL	SW8260	
Chloromethane	ND		5.4	2.8	ug/Kg	01/27/14	PL	SW8260	
cis-1,2-Dichloroethene	ND		5.4	1.2	ug/Kg	01/27/14	PL	SW8260	
cis-1,3-Dichloropropene	ND		5.4	0.59	ug/Kg	01/27/14	PL	SW8260	
Dibromochloromethane	ND		5.4	0.61	ug/Kg	01/27/14	PL	SW8260	
Dibromomethane	ND		5.4	0.68	ug/Kg	01/27/14	PL	SW8260	
Dichlorodifluoromethane	ND		5.4	1.4	ug/Kg	01/27/14	PL	SW8260	
Ethylbenzene	ND		5.4	0.99	ug/Kg	01/27/14	PL	SW8260	
Hexachlorobutadiene	ND		5.4	1.1	ug/Kg	01/27/14	PL	SW8260	
Isopropylbenzene	ND		5.4	1.0	ug/Kg	01/27/14	PL	SW8260	
m&p-Xylene	ND		5.4	2.1	ug/Kg	01/27/14	PL	SW8260	
Methyl Ethyl Ketone	7.8	J	33	4.7	ug/Kg	01/27/14	PL	SW8260	
Methyl t-butyl ether (MTBE)	ND		11	1.5	ug/Kg	01/27/14	PL	SW8260	
Methylene chloride	1.5	JS	5.4	0.89	ug/Kg	01/27/14	PL	SW8260	
Naphthalene	ND		5.4	1.5	ug/Kg	01/27/14	PL	SW8260	
n-Butylbenzene	ND		5.4	0.99	ug/Kg	01/27/14	PL	SW8260	
n-Propylbenzene	ND		5.4	0.98	ug/Kg	01/27/14	PL	SW8260	
o-Xylene	ND		5.4	2.1	ug/Kg	01/27/14	PL	SW8260	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
p-Isopropyltoluene	ND	5.4	0.78	ug/Kg	01/27/14	PL	SW8260	
sec-Butylbenzene	ND	5.4	1.0	ug/Kg	01/27/14	PL	SW8260	
Styrene	ND	5.4	1.6	ug/Kg	01/27/14	PL	SW8260	
tert-Butylbenzene	ND	5.4	0.87	ug/Kg	01/27/14	PL	SW8260	
Tetrachloroethene	ND	5.4	1.1	ug/Kg	01/27/14	PL	SW8260	
Tetrahydrofuran (THF)	ND	11	4.9	ug/Kg	01/27/14	PL	SW8260	1
Toluene	ND	5.4	0.86	ug/Kg	01/27/14	PL	SW8260	
trans-1,2-Dichloroethene	ND	5.4	1.1	ug/Kg	01/27/14	PL	SW8260	
trans-1,3-Dichloropropene	ND	5.4	1.1	ug/Kg	01/27/14	PL	SW8260	
trans-1,4-dichloro-2-butene	ND	11	10	ug/Kg	01/27/14	PL	SW8260	
Trichloroethene	ND	5.4	1.2	ug/Kg	01/27/14	PL	SW8260	
Trichlorofluoromethane	ND	5.4	1.2	ug/Kg	01/27/14	PL	SW8260	
Trichlorotrifluoroethane	ND	5.4	0.85	ug/Kg	01/27/14	PL	SW8260	
Vinyl chloride	ND	5.4	1.8	ug/Kg	01/27/14	PL	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	103			%	01/27/14	PL	70 - 121 %	
% Bromofluorobenzene	96			%	01/27/14	PL	59 - 113 %	
% Dibromofluoromethane	104			%	01/27/14	PL	70 - 130 %	
% Toluene-d8	99			%	01/27/14	PL	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
1,2-Dichlorobenzene	ND	250	100	ug/Kg	01/26/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
1,3-Dichlorobenzene	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
1,4-Dichlorobenzene	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND	250	190	ug/Kg	01/26/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
2,4-Dichlorophenol	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
2,4-Dimethylphenol	ND	250	88	ug/Kg	01/26/14	DD	SW 8270	
2,4-Dinitrophenol	ND	1800	250	ug/Kg	01/26/14	DD	SW 8270	
2,4-Dinitrotoluene	ND	250	140	ug/Kg	01/26/14	DD	SW 8270	
2,6-Dinitrotoluene	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
2-Chloronaphthalene	ND	250	100	ug/Kg	01/26/14	DD	SW 8270	
2-Chlorophenol	ND	250	100	ug/Kg	01/26/14	DD	SW 8270	
2-Methylnaphthalene	ND	250	110	ug/Kg	01/26/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	01/26/14	DD	SW 8270	
2-Nitroaniline	ND	1800	360	ug/Kg	01/26/14	DD	SW 8270	
2-Nitrophenol	ND	250	220	ug/Kg	01/26/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	01/26/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND	710	170	ug/Kg	01/26/14	DD	SW 8270	
3-Nitroaniline	ND	1800	770	ug/Kg	01/26/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1800	380	ug/Kg	01/26/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	250	100	ug/Kg	01/26/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
4-Chloroaniline	ND	710	170	ug/Kg	01/26/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	01/26/14	DD	SW 8270	
4-Nitroaniline	ND	1800	120	ug/Kg	01/26/14	DD	SW 8270	
4-Nitrophenol	ND	1800	160	ug/Kg	01/26/14	DD	SW 8270	

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB4 12-14

Phoenix I.D.: BG03025

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Acenaphthene	ND		250	110	ug/Kg	01/26/14	DD	SW 8270	
Acenaphthylene	ND		250	99	ug/Kg	01/26/14	DD	SW 8270	
Acetophenone	ND		250	110	ug/Kg	01/26/14	DD	SW 8270	
Aniline	ND		1800	720	ug/Kg	01/26/14	DD	SW 8270	
Anthracene	ND		250	120	ug/Kg	01/26/14	DD	SW 8270	
Benz(a)anthracene	ND		250	120	ug/Kg	01/26/14	DD	SW 8270	
Benzidine	ND		710	210	ug/Kg	01/26/14	DD	SW 8270	
Benzo(a)pyrene	200	J	250	120	ug/Kg	01/26/14	DD	SW 8270	
Benzo(b)fluoranthene	170	J	250	120	ug/Kg	01/26/14	DD	SW 8270	
Benzo(ghi)perylene	210	J	250	110	ug/Kg	01/26/14	DD	SW 8270	
Benzo(k)fluoranthene	ND		250	120	ug/Kg	01/26/14	DD	SW 8270	
Benzoic acid	ND		1800	710	ug/Kg	01/26/14	DD	SW 8270	1
Benzyl butyl phthalate	ND		250	92	ug/Kg	01/26/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND		250	98	ug/Kg	01/26/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND		250	96	ug/Kg	01/26/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND		250	99	ug/Kg	01/26/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND		250	100	ug/Kg	01/26/14	DD	SW 8270	
Carbazole	ND		1800	270	ug/Kg	01/26/14	DD	SW 8270	
Chrysene	ND		250	120	ug/Kg	01/26/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND		250	110	ug/Kg	01/26/14	DD	SW 8270	
Dibenzofuran	ND		250	100	ug/Kg	01/26/14	DD	SW 8270	
Diethyl phthalate	ND		250	110	ug/Kg	01/26/14	DD	SW 8270	
Dimethylphthalate	ND		250	110	ug/Kg	01/26/14	DD	SW 8270	
Di-n-butylphthalate	ND		250	94	ug/Kg	01/26/14	DD	SW 8270	
Di-n-octylphthalate	ND		250	92	ug/Kg	01/26/14	DD	SW 8270	
Fluoranthene	ND		250	110	ug/Kg	01/26/14	DD	SW 8270	
Fluorene	ND		250	120	ug/Kg	01/26/14	DD	SW 8270	
Hexachlorobenzene	ND		250	100	ug/Kg	01/26/14	DD	SW 8270	
Hexachlorobutadiene	ND		250	130	ug/Kg	01/26/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND		250	110	ug/Kg	01/26/14	DD	SW 8270	
Hexachloroethane	ND		250	110	ug/Kg	01/26/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	210	J	250	120	ug/Kg	01/26/14	DD	SW 8270	
Isophorone	ND		250	99	ug/Kg	01/26/14	DD	SW 8270	
Naphthalene	ND		250	100	ug/Kg	01/26/14	DD	SW 8270	
Nitrobenzene	ND		250	120	ug/Kg	01/26/14	DD	SW 8270	
N-Nitrosodimethylamine	ND		250	100	ug/Kg	01/26/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND		250	110	ug/Kg	01/26/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND		250	140	ug/Kg	01/26/14	DD	SW 8270	
Pentachloronitrobenzene	ND		250	130	ug/Kg	01/26/14	DD	SW 8270	
Pentachlorophenol	ND		250	130	ug/Kg	01/26/14	DD	SW 8270	
Phenanthrene	ND		250	100	ug/Kg	01/26/14	DD	SW 8270	
Phenol	ND		250	110	ug/Kg	01/26/14	DD	SW 8270	
Pyrene	ND		250	120	ug/Kg	01/26/14	DD	SW 8270	
Pyridine	ND		250	87	ug/Kg	01/26/14	DD	SW 8270	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	95				%	01/26/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	80				%	01/26/14	DD	30 - 115 %	
% 2-Fluorophenol	84				%	01/26/14	DD	25 - 121 %	
% Nitrobenzene-d5	79				%	01/26/14	DD	23 - 120 %	

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB4 12-14

Phoenix I.D.: BG03025

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Phenol-d5	86			%	01/26/14	DD	24 - 113 %
% Terphenyl-d14	82			%	01/26/14	DD	18 - 137 %

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 LOD=Limit of Detection MDL=Method Detection Limit

Comments:

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

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

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

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

If 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
February 10, 2014
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 10, 2014

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:	SOLID	Collected by:		01/23/14	12:00
Location Code:	EBC	Received by:	SW	01/24/14	16:50
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG03018
Phoenix ID: BG03026

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB5 0-2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	0.81	*	0.38	0.23	mg/Kg	02/03/14	LK	SW6010
Aluminum	6350		38	7.6	mg/Kg	02/03/14	LK	SW6010
Barium	61.7		0.8	0.15	mg/Kg	02/03/14	LK	SW6010
Beryllium	0.30	*	0.30	0.15	mg/Kg	02/03/14	LK	SW6010
Calcium	65000		38	35	mg/Kg	02/03/14	LK	SW6010
Cadmium	< 0.38		0.38	0.15	mg/Kg	02/03/14	LK	SW6010
Cobalt	2.14		0.38	0.15	mg/Kg	02/03/14	LK	SW6010
Chromium	10.2		0.38	0.15	mg/Kg	02/03/14	LK	SW6010
Copper	10.6		0.38	0.30	mg/kg	02/03/14	LK	SW6010
Mercury	0.06	B	0.06	0.04	mg/Kg	02/03/14	RS	SW-7471
Potassium	869	N	8	3.0	mg/Kg	02/03/14	LK	SW6010
Magnesium	6240		38	2.3	mg/Kg	02/03/14	LK	SW6010
Manganese	152		3.8	1.5	mg/Kg	02/03/14	LK	SW6010
Sodium	455	N	8	3.3	mg/Kg	02/03/14	LK	SW6010
Nickel	8.89		0.38	0.15	mg/Kg	02/03/14	LK	SW6010
Lead	49.6		0.8	0.23	mg/Kg	02/03/14	LK	SW6010
Antimony	< 1.9		1.9	1.9	mg/Kg	02/03/14	LK	SW6010
Selenium	< 1.5		1.5	1.3	mg/Kg	02/03/14	LK	SW6010
Thallium	< 1.5		1.5	1.5	mg/Kg	02/03/14	LK	SW6010
Vanadium	12.6		0.4	0.15	mg/Kg	02/03/14	LK	SW6010
Zinc	45.7		0.8	0.38	mg/Kg	02/03/14	LK	SW6010
Percent Solid	90				%	01/24/14	I	E160.3
Soil Extraction for PCB	Completed					01/31/14	BB/V	SW3545
Soil Extraction for Pesticide	Completed					01/31/14	BB	SW3545
Soil Extraction for SVOA	Completed					01/24/14	JJ/V	SW3545
Mercury Digestion	Completed					02/03/14	I/I	SW7471
Total Metals Digest	Completed					01/31/14	Z/T	SW846 - 3050

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Polychlorinated Biphenyls							
PCB-1016	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	91			%	02/01/14	AW	30 - 150 %
% TCMX	72			%	02/01/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.6	2.6	ug/Kg	02/04/14	CE	SW8081
4,4' -DDE	ND	2.6	2.6	ug/Kg	02/04/14	CE	SW8081
4,4' -DDT	8.2	2.6	2.6	ug/Kg	02/04/14	CE	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
a-Chlordane	ND	3.6	3.6	ug/Kg	02/04/14	CE	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Chlordane	ND	22	22	ug/Kg	02/04/14	CE	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Endosulfan I	ND	3.6	3.6	ug/Kg	02/04/14	CE	SW8081
Endosulfan II	ND	3.6	3.6	ug/Kg	02/04/14	CE	SW8081
Endosulfan sulfate	ND	3.6	3.6	ug/Kg	02/04/14	CE	SW8081
Endrin	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Endrin aldehyde	ND	3.6	3.6	ug/Kg	02/04/14	CE	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
g-Chlordane	ND	3.6	3.6	ug/Kg	02/04/14	CE	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Methoxychlor	ND	7.2	7.2	ug/Kg	02/04/14	CE	SW8081
Toxaphene	ND	180	180	ug/Kg	02/04/14	CE	SW8081
QA/QC Surrogates							
% DCBP	105			%	02/04/14	CE	30 - 150 %
% TCMX	90			%	02/04/14	CE	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.6	0.91	ug/Kg	01/27/14	PL	SW8260
1,1,1-Trichloroethane	ND	5.6	1.1	ug/Kg	01/27/14	PL	SW8260
1,1,2,2-Tetrachloroethane	ND	5.6	0.79	ug/Kg	01/27/14	PL	SW8260
1,1,2-Trichloroethane	ND	5.6	0.54	ug/Kg	01/27/14	PL	SW8260
1,1-Dichloroethane	ND	5.6	1.1	ug/Kg	01/27/14	PL	SW8260
1,1-Dichloroethene	ND	5.6	1.2	ug/Kg	01/27/14	PL	SW8260
1,1-Dichloropropene	ND	5.6	1.1	ug/Kg	01/27/14	PL	SW8260

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB5 0-2

Phoenix I.D.: BG03026

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,2,3-Trichlorobenzene	ND		5.6	1.1	ug/Kg	01/27/14	PL	SW8260	
1,2,3-Trichloropropane	ND		5.6	0.79	ug/Kg	01/27/14	PL	SW8260	
1,2,4-Trichlorobenzene	ND		5.6	1.1	ug/Kg	01/27/14	PL	SW8260	
1,2,4-Trimethylbenzene	910	D	280	40	ug/Kg	01/26/14	PL	SW8260	
1,2-Dibromo-3-chloropropane	ND		5.6	1.5	ug/Kg	01/27/14	PL	SW8260	
1,2-Dibromoethane	ND		5.6	1.5	ug/Kg	01/27/14	PL	SW8260	
1,2-Dichlorobenzene	ND		5.6	0.61	ug/Kg	01/27/14	PL	SW8260	
1,2-Dichloroethane	ND		5.6	0.49	ug/Kg	01/27/14	PL	SW8260	
1,2-Dichloropropane	ND		5.6	0.79	ug/Kg	01/27/14	PL	SW8260	
1,3,5-Trimethylbenzene	330	D	280	37	ug/Kg	01/26/14	PL	SW8260	
1,3-Dichlorobenzene	ND		5.6	0.82	ug/Kg	01/27/14	PL	SW8260	
1,3-Dichloropropane	ND		5.6	0.59	ug/Kg	01/27/14	PL	SW8260	
1,4-Dichlorobenzene	ND		5.6	0.88	ug/Kg	01/27/14	PL	SW8260	
2,2-Dichloropropane	ND		5.6	0.93	ug/Kg	01/27/14	PL	SW8260	
2-Chlorotoluene	ND		5.6	0.89	ug/Kg	01/27/14	PL	SW8260	
2-Hexanone	ND		28	2.5	ug/Kg	01/27/14	PL	SW8260	
2-Isopropyltoluene	5.0	J	5.6	0.77	ug/Kg	01/27/14	PL	SW8260	1
4-Chlorotoluene	ND		5.6	0.64	ug/Kg	01/27/14	PL	SW8260	
4-Methyl-2-pentanone	ND		28	1.3	ug/Kg	01/27/14	PL	SW8260	
Acetone	33	JS	50	5.5	ug/Kg	01/27/14	PL	SW8260	
Acrylonitrile	ND		11	3.1	ug/Kg	01/27/14	PL	SW8260	
Benzene	ND		5.6	1.1	ug/Kg	01/27/14	PL	SW8260	
Bromobenzene	ND		5.6	0.72	ug/Kg	01/27/14	PL	SW8260	
Bromochloromethane	ND		5.6	0.81	ug/Kg	01/27/14	PL	SW8260	
Bromodichloromethane	ND		5.6	0.69	ug/Kg	01/27/14	PL	SW8260	
Bromoform	ND		5.6	0.78	ug/Kg	01/27/14	PL	SW8260	
Bromomethane	ND		5.6	4.3	ug/Kg	01/27/14	PL	SW8260	
Carbon Disulfide	ND		5.6	0.90	ug/Kg	01/27/14	PL	SW8260	
Carbon tetrachloride	ND		5.6	0.64	ug/Kg	01/27/14	PL	SW8260	
Chlorobenzene	ND		5.6	0.82	ug/Kg	01/27/14	PL	SW8260	
Chloroethane	ND		5.6	1.3	ug/Kg	01/27/14	PL	SW8260	
Chloroform	ND		5.6	1.0	ug/Kg	01/27/14	PL	SW8260	
Chloromethane	ND		5.6	2.9	ug/Kg	01/27/14	PL	SW8260	
cis-1,2-Dichloroethene	ND		5.6	1.2	ug/Kg	01/27/14	PL	SW8260	
cis-1,3-Dichloropropene	ND		5.6	0.60	ug/Kg	01/27/14	PL	SW8260	
Dibromochloromethane	ND		5.6	0.62	ug/Kg	01/27/14	PL	SW8260	
Dibromomethane	ND		5.6	0.70	ug/Kg	01/27/14	PL	SW8260	
Dichlorodifluoromethane	ND		5.6	1.5	ug/Kg	01/27/14	PL	SW8260	
Ethylbenzene	4.0	J	5.6	1.0	ug/Kg	01/27/14	PL	SW8260	
Hexachlorobutadiene	ND		5.6	1.2	ug/Kg	01/27/14	PL	SW8260	
Isopropylbenzene	10		5.6	1.1	ug/Kg	01/27/14	PL	SW8260	
m&p-Xylene	110		5.6	2.2	ug/Kg	01/27/14	PL	SW8260	
Methyl Ethyl Ketone	6.6	J	33	4.8	ug/Kg	01/27/14	PL	SW8260	
Methyl t-butyl ether (MTBE)	ND		11	1.5	ug/Kg	01/27/14	PL	SW8260	
Methylene chloride	1.4	JS	5.6	0.91	ug/Kg	01/27/14	PL	SW8260	
Naphthalene	580	D	280	74	ug/Kg	01/26/14	PL	SW8260	
n-Butylbenzene	28		5.6	1.0	ug/Kg	01/27/14	PL	SW8260	
n-Propylbenzene	31		5.6	1.0	ug/Kg	01/27/14	PL	SW8260	
o-Xylene	84		5.6	2.1	ug/Kg	01/27/14	PL	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
p-Isopropyltoluene	13		5.6	0.80	ug/Kg	01/27/14	PL	SW8260	
sec-Butylbenzene	18		5.6	1.0	ug/Kg	01/27/14	PL	SW8260	
Styrene	ND		5.6	1.6	ug/Kg	01/27/14	PL	SW8260	
tert-Butylbenzene	1.1	J	5.6	0.89	ug/Kg	01/27/14	PL	SW8260	
Tetrachloroethene	2.8	J	5.6	1.2	ug/Kg	01/27/14	PL	SW8260	
Tetrahydrofuran (THF)	ND		11	5.0	ug/Kg	01/27/14	PL	SW8260	1
Toluene	0.96	J	5.6	0.88	ug/Kg	01/27/14	PL	SW8260	
trans-1,2-Dichloroethene	ND		5.6	1.1	ug/Kg	01/27/14	PL	SW8260	
trans-1,3-Dichloropropene	ND		5.6	1.1	ug/Kg	01/27/14	PL	SW8260	
trans-1,4-dichloro-2-butene	ND		11	10	ug/Kg	01/27/14	PL	SW8260	
Trichloroethene	ND		5.6	1.2	ug/Kg	01/27/14	PL	SW8260	
Trichlorofluoromethane	ND		5.6	1.2	ug/Kg	01/27/14	PL	SW8260	
Trichlorotrifluoroethane	ND		5.6	0.87	ug/Kg	01/27/14	PL	SW8260	
Vinyl chloride	ND		5.6	1.8	ug/Kg	01/27/14	PL	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	94				%	01/27/14	PL	70 - 121 %	
% Bromofluorobenzene	91				%	01/27/14	PL	59 - 113 %	
% Dibromofluoromethane	41				%	01/27/14	PL	70 - 130 %	3
% Toluene-d8	98				%	01/27/14	PL	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		260	130	ug/Kg	01/26/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		260	110	ug/Kg	01/26/14	DD	SW 8270	
1,2-Dichlorobenzene	ND		260	100	ug/Kg	01/26/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND		260	120	ug/Kg	01/26/14	DD	SW 8270	
1,3-Dichlorobenzene	ND		260	110	ug/Kg	01/26/14	DD	SW 8270	
1,4-Dichlorobenzene	ND		260	110	ug/Kg	01/26/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND		260	200	ug/Kg	01/26/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND		260	120	ug/Kg	01/26/14	DD	SW 8270	
2,4-Dichlorophenol	ND		260	130	ug/Kg	01/26/14	DD	SW 8270	
2,4-Dimethylphenol	ND		260	90	ug/Kg	01/26/14	DD	SW 8270	
2,4-Dinitrophenol	ND		1800	260	ug/Kg	01/26/14	DD	SW 8270	
2,4-Dinitrotoluene	ND		260	140	ug/Kg	01/26/14	DD	SW 8270	
2,6-Dinitrotoluene	ND		260	120	ug/Kg	01/26/14	DD	SW 8270	
2-Chloronaphthalene	ND		260	100	ug/Kg	01/26/14	DD	SW 8270	
2-Chlorophenol	ND		260	100	ug/Kg	01/26/14	DD	SW 8270	
2-Methylnaphthalene	2900		260	110	ug/Kg	01/26/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		260	170	ug/Kg	01/26/14	DD	SW 8270	
2-Nitroaniline	ND		1800	370	ug/Kg	01/26/14	DD	SW 8270	
2-Nitrophenol	ND		260	230	ug/Kg	01/26/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		260	140	ug/Kg	01/26/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		730	170	ug/Kg	01/26/14	DD	SW 8270	
3-Nitroaniline	ND		1800	790	ug/Kg	01/26/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		1800	390	ug/Kg	01/26/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		260	110	ug/Kg	01/26/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND		260	130	ug/Kg	01/26/14	DD	SW 8270	
4-Chloroaniline	ND		730	170	ug/Kg	01/26/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		260	120	ug/Kg	01/26/14	DD	SW 8270	
4-Nitroaniline	ND		1800	120	ug/Kg	01/26/14	DD	SW 8270	
4-Nitrophenol	ND		1800	160	ug/Kg	01/26/14	DD	SW 8270	

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB5 0-2

Phoenix I.D.: BG03026

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Acenaphthene	ND		260	110	ug/Kg	01/26/14	DD	SW 8270	
Acenaphthylene	ND		260	100	ug/Kg	01/26/14	DD	SW 8270	
Acetophenone	ND		260	110	ug/Kg	01/26/14	DD	SW 8270	
Aniline	ND		1800	740	ug/Kg	01/26/14	DD	SW 8270	
Anthracene	160	J	260	120	ug/Kg	01/26/14	DD	SW 8270	
Benz(a)anthracene	400		260	120	ug/Kg	01/26/14	DD	SW 8270	
Benzidine	ND		730	210	ug/Kg	01/26/14	DD	SW 8270	
Benzo(a)pyrene	360		260	120	ug/Kg	01/26/14	DD	SW 8270	
Benzo(b)fluoranthene	520		260	120	ug/Kg	01/26/14	DD	SW 8270	
Benzo(ghi)perylene	240	J	260	120	ug/Kg	01/26/14	DD	SW 8270	
Benzo(k)fluoranthene	190	J	260	120	ug/Kg	01/26/14	DD	SW 8270	
Benzoic acid	ND		1800	730	ug/Kg	01/26/14	DD	SW 8270	1
Benzyl butyl phthalate	ND		260	94	ug/Kg	01/26/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND		260	100	ug/Kg	01/26/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND		260	98	ug/Kg	01/26/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND		260	100	ug/Kg	01/26/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND		260	110	ug/Kg	01/26/14	DD	SW 8270	
Carbazole	ND		1800	280	ug/Kg	01/26/14	DD	SW 8270	
Chrysene	380		260	120	ug/Kg	01/26/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND		260	120	ug/Kg	01/26/14	DD	SW 8270	
Dibenzofuran	ND		260	110	ug/Kg	01/26/14	DD	SW 8270	
Diethyl phthalate	ND		260	120	ug/Kg	01/26/14	DD	SW 8270	
Dimethylphthalate	ND		260	110	ug/Kg	01/26/14	DD	SW 8270	
Di-n-butylphthalate	ND		260	97	ug/Kg	01/26/14	DD	SW 8270	
Di-n-octylphthalate	ND		260	94	ug/Kg	01/26/14	DD	SW 8270	
Fluoranthene	840		260	120	ug/Kg	01/26/14	DD	SW 8270	
Fluorene	ND		260	120	ug/Kg	01/26/14	DD	SW 8270	
Hexachlorobenzene	ND		260	110	ug/Kg	01/26/14	DD	SW 8270	
Hexachlorobutadiene	ND		260	130	ug/Kg	01/26/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND		260	110	ug/Kg	01/26/14	DD	SW 8270	
Hexachloroethane	ND		260	110	ug/Kg	01/26/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	210	J	260	120	ug/Kg	01/26/14	DD	SW 8270	
Isophorone	ND		260	100	ug/Kg	01/26/14	DD	SW 8270	
Naphthalene	1300		260	110	ug/Kg	01/26/14	DD	SW 8270	
Nitrobenzene	ND		260	130	ug/Kg	01/26/14	DD	SW 8270	
N-Nitrosodimethylamine	ND		260	100	ug/Kg	01/26/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND		260	120	ug/Kg	01/26/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND		260	140	ug/Kg	01/26/14	DD	SW 8270	
Pentachloronitrobenzene	ND		260	140	ug/Kg	01/26/14	DD	SW 8270	
Pentachlorophenol	ND		260	140	ug/Kg	01/26/14	DD	SW 8270	
Phenanthrene	870		260	100	ug/Kg	01/26/14	DD	SW 8270	
Phenol	ND		260	120	ug/Kg	01/26/14	DD	SW 8270	
Pyrene	750		260	130	ug/Kg	01/26/14	DD	SW 8270	
Pyridine	ND		260	90	ug/Kg	01/26/14	DD	SW 8270	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	<5				%	01/26/14	DD	19 - 122 %	3
% 2-Fluorobiphenyl	91				%	01/26/14	DD	30 - 115 %	
% 2-Fluorophenol	26				%	01/26/14	DD	25 - 121 %	
% Nitrobenzene-d5	80				%	01/26/14	DD	23 - 120 %	

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB5 0-2

Phoenix I.D.: BG03026

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Phenol-d5	80			%	01/26/14	DD	24 - 113 %
% Terphenyl-d14	92			%	01/26/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
3 = This parameter exceeds laboratory specified limits.

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

Comments:

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

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

**Poor surrogate recovery was observed for volatiles due to matrix interference.

Semi-Volatile Comment:
Poor surrogate recoveries were observed. Sample was re-extracted with similar results.

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

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

If 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
February 10, 2014
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

NY # 11301

Analysis Report

February 10, 2014

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:	SOLID	Collected by:		01/23/14	12:20
Location Code:	EBC	Received by:	SW	01/24/14	16:50
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG03018
Phoenix ID: BG03027

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB5 8-10

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.38	*	0.38	0.23	mg/Kg	02/03/14	LK	SW6010
Aluminum	10400		38	7.7	mg/Kg	02/03/14	LK	SW6010
Barium	83.4		0.8	0.15	mg/Kg	02/03/14	LK	SW6010
Beryllium	0.52	*	0.31	0.15	mg/Kg	02/03/14	LK	SW6010
Calcium	36100		38	35	mg/Kg	02/03/14	LK	SW6010
Cadmium	0.19	B	0.38	0.15	mg/Kg	02/03/14	LK	SW6010
Cobalt	6.00		0.38	0.15	mg/Kg	02/03/14	LK	SW6010
Chromium	20.9		0.38	0.15	mg/Kg	02/03/14	LK	SW6010
Copper	26.5		0.38	0.31	mg/kg	02/03/14	LK	SW6010
Mercury	0.13		0.08	0.05	mg/Kg	02/03/14	RS	SW-7471
Potassium	1870	N	8	3.0	mg/Kg	02/03/14	LK	SW6010
Magnesium	18400		38	2.3	mg/Kg	02/03/14	LK	SW6010
Manganese	729		3.8	1.5	mg/Kg	02/03/14	LK	SW6010
Sodium	507	N	8	3.3	mg/Kg	02/03/14	LK	SW6010
Nickel	27.1		0.38	0.15	mg/Kg	02/03/14	LK	SW6010
Lead	41.4		0.8	0.23	mg/Kg	02/03/14	LK	SW6010
Antimony	< 1.9		1.9	1.9	mg/Kg	02/03/14	LK	SW6010
Selenium	< 1.5		1.5	1.3	mg/Kg	02/03/14	LK	SW6010
Thallium	< 1.5		1.5	1.5	mg/Kg	02/03/14	LK	SW6010
Vanadium	28.0		0.4	0.15	mg/Kg	02/03/14	LK	SW6010
Zinc	77.4		0.8	0.38	mg/Kg	02/03/14	LK	SW6010
Percent Solid	87				%	01/24/14	I	E160.3
Soil Extraction for PCB	Completed					01/31/14	BB/V	SW3545
Soil Extraction for Pesticide	Completed					01/31/14	BB	SW3545
Soil Extraction for SVOA	Completed					01/24/14	JJ/V	SW3545
Mercury Digestion	Completed					02/03/14	I/I	SW7471
Total Metals Digest	Completed					01/31/14	Z/T	SW846 - 3050

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Polychlorinated Biphenyls							
PCB-1016	ND	37	37	ug/Kg	02/01/14	AW	SW 8082
PCB-1221	ND	37	37	ug/Kg	02/01/14	AW	SW 8082
PCB-1232	ND	37	37	ug/Kg	02/01/14	AW	SW 8082
PCB-1242	ND	37	37	ug/Kg	02/01/14	AW	SW 8082
PCB-1248	ND	37	37	ug/Kg	02/01/14	AW	SW 8082
PCB-1254	ND	37	37	ug/Kg	02/01/14	AW	SW 8082
PCB-1260	ND	37	37	ug/Kg	02/01/14	AW	SW 8082
PCB-1262	ND	37	37	ug/Kg	02/01/14	AW	SW 8082
PCB-1268	ND	37	37	ug/Kg	02/01/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	96			%	02/01/14	AW	30 - 150 %
% TCMX	77			%	02/01/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.7	2.7	ug/Kg	02/04/14	CE	SW8081
4,4' -DDE	ND	2.7	2.7	ug/Kg	02/04/14	CE	SW8081
4,4' -DDT	ND	2.7	2.7	ug/Kg	02/04/14	CE	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
a-Chlordane	ND	3.7	3.7	ug/Kg	02/04/14	CE	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Chlordane	ND	22	22	ug/Kg	02/04/14	CE	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Endosulfan I	ND	3.7	3.7	ug/Kg	02/04/14	CE	SW8081
Endosulfan II	ND	3.7	3.7	ug/Kg	02/04/14	CE	SW8081
Endosulfan sulfate	ND	3.7	3.7	ug/Kg	02/04/14	CE	SW8081
Endrin	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Endrin aldehyde	ND	3.7	3.7	ug/Kg	02/04/14	CE	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
g-Chlordane	ND	3.7	3.7	ug/Kg	02/04/14	CE	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Methoxychlor	ND	7.4	7.4	ug/Kg	02/04/14	CE	SW8081
Toxaphene	ND	180	180	ug/Kg	02/04/14	CE	SW8081
QA/QC Surrogates							
% DCBP	94			%	02/04/14	CE	30 - 150 %
% TCMX	89			%	02/04/14	CE	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.8	0.95	ug/Kg	01/26/14	HM	SW8260
1,1,1-Trichloroethane	ND	5.8	1.2	ug/Kg	01/26/14	HM	SW8260
1,1,2,2-Tetrachloroethane	ND	5.8	0.82	ug/Kg	01/26/14	HM	SW8260
1,1,2-Trichloroethane	ND	5.8	0.57	ug/Kg	01/26/14	HM	SW8260
1,1-Dichloroethane	ND	5.8	1.1	ug/Kg	01/26/14	HM	SW8260
1,1-Dichloroethene	ND	5.8	1.3	ug/Kg	01/26/14	HM	SW8260
1,1-Dichloropropene	ND	5.8	1.1	ug/Kg	01/26/14	HM	SW8260

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB5 8-10

Phoenix I.D.: BG03027

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,2,3-Trichlorobenzene	ND		5.8	1.2	ug/Kg	01/26/14	HM	SW8260	
1,2,3-Trichloropropane	ND		5.8	0.82	ug/Kg	01/26/14	HM	SW8260	
1,2,4-Trichlorobenzene	ND		5.8	1.2	ug/Kg	01/26/14	HM	SW8260	
1,2,4-Trimethylbenzene	240	E	5.8	0.84	ug/Kg	01/26/14	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND		5.8	1.6	ug/Kg	01/26/14	HM	SW8260	
1,2-Dibromoethane	ND		5.8	1.5	ug/Kg	01/26/14	HM	SW8260	
1,2-Dichlorobenzene	ND		5.8	0.64	ug/Kg	01/26/14	HM	SW8260	
1,2-Dichloroethane	ND		5.8	0.51	ug/Kg	01/26/14	HM	SW8260	
1,2-Dichloropropane	ND		5.8	0.82	ug/Kg	01/26/14	HM	SW8260	
1,3,5-Trimethylbenzene	82		5.8	0.77	ug/Kg	01/26/14	HM	SW8260	
1,3-Dichlorobenzene	ND		5.8	0.86	ug/Kg	01/26/14	HM	SW8260	
1,3-Dichloropropane	ND		5.8	0.62	ug/Kg	01/26/14	HM	SW8260	
1,4-Dichlorobenzene	ND		5.8	0.92	ug/Kg	01/26/14	HM	SW8260	
2,2-Dichloropropane	ND		5.8	0.98	ug/Kg	01/26/14	HM	SW8260	
2-Chlorotoluene	ND		5.8	0.93	ug/Kg	01/26/14	HM	SW8260	
2-Hexanone	ND		29	2.6	ug/Kg	01/26/14	HM	SW8260	
2-Isopropyltoluene	ND		5.8	0.80	ug/Kg	01/26/14	HM	SW8260	1
4-Chlorotoluene	ND		5.8	0.67	ug/Kg	01/26/14	HM	SW8260	
4-Methyl-2-pentanone	ND		29	1.4	ug/Kg	01/26/14	HM	SW8260	
Acetone	8.1	JS	50	5.8	ug/Kg	01/26/14	HM	SW8260	
Acrylonitrile	ND		12	3.3	ug/Kg	01/26/14	HM	SW8260	
Benzene	ND		5.8	1.1	ug/Kg	01/26/14	HM	SW8260	
Bromobenzene	ND		5.8	0.75	ug/Kg	01/26/14	HM	SW8260	
Bromochloromethane	ND		5.8	0.85	ug/Kg	01/26/14	HM	SW8260	
Bromodichloromethane	ND		5.8	0.72	ug/Kg	01/26/14	HM	SW8260	
Bromoform	ND		5.8	0.81	ug/Kg	01/26/14	HM	SW8260	
Bromomethane	ND		5.8	4.5	ug/Kg	01/26/14	HM	SW8260	
Carbon Disulfide	ND		5.8	0.94	ug/Kg	01/26/14	HM	SW8260	
Carbon tetrachloride	ND		5.8	0.67	ug/Kg	01/26/14	HM	SW8260	
Chlorobenzene	ND		5.8	0.86	ug/Kg	01/26/14	HM	SW8260	
Chloroethane	ND		5.8	1.4	ug/Kg	01/26/14	HM	SW8260	
Chloroform	ND		5.8	1.1	ug/Kg	01/26/14	HM	SW8260	
Chloromethane	ND		5.8	3.0	ug/Kg	01/26/14	HM	SW8260	
cis-1,2-Dichloroethene	ND		5.8	1.3	ug/Kg	01/26/14	HM	SW8260	
cis-1,3-Dichloropropene	ND		5.8	0.63	ug/Kg	01/26/14	HM	SW8260	
Dibromochloromethane	ND		5.8	0.65	ug/Kg	01/26/14	HM	SW8260	
Dibromomethane	ND		5.8	0.73	ug/Kg	01/26/14	HM	SW8260	
Dichlorodifluoromethane	ND		5.8	1.5	ug/Kg	01/26/14	HM	SW8260	
Ethylbenzene	1.3	J	5.8	1.1	ug/Kg	01/26/14	HM	SW8260	
Hexachlorobutadiene	ND		5.8	1.2	ug/Kg	01/26/14	HM	SW8260	
Isopropylbenzene	2.2	J	5.8	1.1	ug/Kg	01/26/14	HM	SW8260	
m&p-Xylene	42		5.8	2.3	ug/Kg	01/26/14	HM	SW8260	
Methyl Ethyl Ketone	ND		35	5.0	ug/Kg	01/26/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND		12	1.6	ug/Kg	01/26/14	HM	SW8260	
Methylene chloride	1.8	JS	5.8	0.95	ug/Kg	01/26/14	HM	SW8260	
Naphthalene	52		5.8	1.6	ug/Kg	01/26/14	HM	SW8260	
n-Butylbenzene	5.1	J	5.8	1.1	ug/Kg	01/26/14	HM	SW8260	
n-Propylbenzene	8.3		5.8	1.0	ug/Kg	01/26/14	HM	SW8260	
o-Xylene	32		5.8	2.2	ug/Kg	01/26/14	HM	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
p-Isopropyltoluene	1.6	J	5.8	0.84	ug/Kg	01/26/14	HM	SW8260	
sec-Butylbenzene	2.3	J	5.8	1.1	ug/Kg	01/26/14	HM	SW8260	
Styrene	ND		5.8	1.7	ug/Kg	01/26/14	HM	SW8260	
tert-Butylbenzene	ND		5.8	0.93	ug/Kg	01/26/14	HM	SW8260	
Tetrachloroethene	1.6	J	5.8	1.2	ug/Kg	01/26/14	HM	SW8260	
Tetrahydrofuran (THF)	ND		12	5.2	ug/Kg	01/26/14	HM	SW8260	1
Toluene	ND		5.8	0.92	ug/Kg	01/26/14	HM	SW8260	
trans-1,2-Dichloroethene	ND		5.8	1.2	ug/Kg	01/26/14	HM	SW8260	
trans-1,3-Dichloropropene	ND		5.8	1.2	ug/Kg	01/26/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND		12	11	ug/Kg	01/26/14	HM	SW8260	
Trichloroethene	ND		5.8	1.2	ug/Kg	01/26/14	HM	SW8260	
Trichlorofluoromethane	ND		5.8	1.3	ug/Kg	01/26/14	HM	SW8260	
Trichlorotrifluoroethane	ND		5.8	0.91	ug/Kg	01/26/14	HM	SW8260	
Vinyl chloride	ND		5.8	1.9	ug/Kg	01/26/14	HM	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	102				%	01/26/14	HM	70 - 121 %	
% Bromofluorobenzene	94				%	01/26/14	HM	59 - 113 %	
% Dibromofluoromethane	116				%	01/26/14	HM	70 - 130 %	
% Toluene-d8	97				%	01/26/14	HM	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		270	130	ug/Kg	01/26/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		270	110	ug/Kg	01/26/14	DD	SW 8270	
1,2-Dichlorobenzene	ND		270	110	ug/Kg	01/26/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND		270	120	ug/Kg	01/26/14	DD	SW 8270	
1,3-Dichlorobenzene	ND		270	110	ug/Kg	01/26/14	DD	SW 8270	
1,4-Dichlorobenzene	ND		270	110	ug/Kg	01/26/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND		270	210	ug/Kg	01/26/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND		270	120	ug/Kg	01/26/14	DD	SW 8270	
2,4-Dichlorophenol	ND		270	130	ug/Kg	01/26/14	DD	SW 8270	
2,4-Dimethylphenol	ND		270	94	ug/Kg	01/26/14	DD	SW 8270	
2,4-Dinitrophenol	ND		1900	270	ug/Kg	01/26/14	DD	SW 8270	
2,4-Dinitrotoluene	ND		270	150	ug/Kg	01/26/14	DD	SW 8270	
2,6-Dinitrotoluene	ND		270	120	ug/Kg	01/26/14	DD	SW 8270	
2-Chloronaphthalene	ND		270	110	ug/Kg	01/26/14	DD	SW 8270	
2-Chlorophenol	ND		270	110	ug/Kg	01/26/14	DD	SW 8270	
2-Methylnaphthalene	ND		270	110	ug/Kg	01/26/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		270	180	ug/Kg	01/26/14	DD	SW 8270	
2-Nitroaniline	ND		1900	380	ug/Kg	01/26/14	DD	SW 8270	
2-Nitrophenol	ND		270	240	ug/Kg	01/26/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		270	150	ug/Kg	01/26/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		760	180	ug/Kg	01/26/14	DD	SW 8270	
3-Nitroaniline	ND		1900	830	ug/Kg	01/26/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		1900	410	ug/Kg	01/26/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		270	110	ug/Kg	01/26/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND		270	130	ug/Kg	01/26/14	DD	SW 8270	
4-Chloroaniline	ND		760	180	ug/Kg	01/26/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		270	130	ug/Kg	01/26/14	DD	SW 8270	
4-Nitroaniline	ND		1900	130	ug/Kg	01/26/14	DD	SW 8270	
4-Nitrophenol	ND		1900	170	ug/Kg	01/26/14	DD	SW 8270	

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB5 8-10

Phoenix I.D.: BG03027

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Acenaphthene	ND		270	120	ug/Kg	01/26/14	DD	SW 8270	
Acenaphthylene	ND		270	110	ug/Kg	01/26/14	DD	SW 8270	
Acetophenone	ND		270	120	ug/Kg	01/26/14	DD	SW 8270	
Aniline	ND		1900	770	ug/Kg	01/26/14	DD	SW 8270	
Anthracene	ND		270	120	ug/Kg	01/26/14	DD	SW 8270	
Benz(a)anthracene	190	J	270	130	ug/Kg	01/26/14	DD	SW 8270	
Benzidine	ND		760	220	ug/Kg	01/26/14	DD	SW 8270	
Benzo(a)pyrene	170	J	270	120	ug/Kg	01/26/14	DD	SW 8270	
Benzo(b)fluoranthene	270		270	130	ug/Kg	01/26/14	DD	SW 8270	
Benzo(ghi)perylene	140	J	270	120	ug/Kg	01/26/14	DD	SW 8270	
Benzo(k)fluoranthene	ND		270	130	ug/Kg	01/26/14	DD	SW 8270	
Benzoic acid	ND		1900	760	ug/Kg	01/26/14	DD	SW 8270	1
Benzyl butyl phthalate	ND		270	98	ug/Kg	01/26/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND		270	100	ug/Kg	01/26/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND		270	100	ug/Kg	01/26/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND		270	110	ug/Kg	01/26/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND		270	110	ug/Kg	01/26/14	DD	SW 8270	
Carbazole	ND		1900	290	ug/Kg	01/26/14	DD	SW 8270	
Chrysene	190	J	270	130	ug/Kg	01/26/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND		270	120	ug/Kg	01/26/14	DD	SW 8270	
Dibenzofuran	ND		270	110	ug/Kg	01/26/14	DD	SW 8270	
Diethyl phthalate	ND		270	120	ug/Kg	01/26/14	DD	SW 8270	
Dimethylphthalate	ND		270	120	ug/Kg	01/26/14	DD	SW 8270	
Di-n-butylphthalate	ND		270	100	ug/Kg	01/26/14	DD	SW 8270	
Di-n-octylphthalate	ND		270	98	ug/Kg	01/26/14	DD	SW 8270	
Fluoranthene	350		270	120	ug/Kg	01/26/14	DD	SW 8270	
Fluorene	ND		270	130	ug/Kg	01/26/14	DD	SW 8270	
Hexachlorobenzene	ND		270	110	ug/Kg	01/26/14	DD	SW 8270	
Hexachlorobutadiene	ND		270	140	ug/Kg	01/26/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND		270	120	ug/Kg	01/26/14	DD	SW 8270	
Hexachloroethane	ND		270	110	ug/Kg	01/26/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND		270	130	ug/Kg	01/26/14	DD	SW 8270	
Isophorone	ND		270	110	ug/Kg	01/26/14	DD	SW 8270	
Naphthalene	ND		270	110	ug/Kg	01/26/14	DD	SW 8270	
Nitrobenzene	ND		270	130	ug/Kg	01/26/14	DD	SW 8270	
N-Nitrosodimethylamine	ND		270	110	ug/Kg	01/26/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND		270	120	ug/Kg	01/26/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND		270	150	ug/Kg	01/26/14	DD	SW 8270	
Pentachloronitrobenzene	ND		270	140	ug/Kg	01/26/14	DD	SW 8270	
Pentachlorophenol	ND		270	140	ug/Kg	01/26/14	DD	SW 8270	
Phenanthrene	350		270	110	ug/Kg	01/26/14	DD	SW 8270	
Phenol	ND		270	120	ug/Kg	01/26/14	DD	SW 8270	
Pyrene	300		270	130	ug/Kg	01/26/14	DD	SW 8270	
Pyridine	ND		270	93	ug/Kg	01/26/14	DD	SW 8270	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	83				%	01/26/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	81				%	01/26/14	DD	30 - 115 %	
% 2-Fluorophenol	82				%	01/26/14	DD	25 - 121 %	
% Nitrobenzene-d5	72				%	01/26/14	DD	23 - 120 %	

Project ID: 840 FULTON ST BKLYN NY
Client ID: SB5 8-10

Phoenix I.D.: BG03027

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Phenol-d5	85			%	01/26/14	DD	24 - 113 %
% Terphenyl-d14	78			%	01/26/14	DD	18 - 137 %

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 LOD=Limit of Detection MDL=Method Detection Limit

Comments:

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

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

E = Estimated value. Sample result was above the calibration range. The high level results are below the reporting level.

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

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

If 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
February 10, 2014
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

NY # 11301

Analysis Report

February 10, 2014

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:	SOLID	Collected by:		01/23/14	0:00
Location Code:	EBC	Received by:	SW	01/24/14	16:50
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG03018
Phoenix ID: BG03028

Project ID: 840 FULTON ST BKLYN NY
Client ID: DUPLICATE

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.36	*	0.36	0.22	mg/Kg	02/03/14	LK	SW6010
Aluminum	9480		36	7.2	mg/Kg	02/03/14	LK	SW6010
Barium	50.7		0.7	0.14	mg/Kg	02/03/14	LK	SW6010
Beryllium	0.45	*	0.29	0.14	mg/Kg	02/03/14	LK	SW6010
Calcium	22800		36	33	mg/Kg	02/03/14	LK	SW6010
Cadmium	0.26	B	0.36	0.14	mg/Kg	02/03/14	LK	SW6010
Cobalt	7.27		0.36	0.14	mg/Kg	02/03/14	LK	SW6010
Chromium	20.3		0.36	0.14	mg/Kg	02/03/14	LK	SW6010
Copper	28.5		0.36	0.29	mg/kg	02/03/14	LK	SW6010
Mercury	0.09		0.07	0.04	mg/Kg	02/03/14	RS	SW-7471
Potassium	1210	N	7	2.8	mg/Kg	02/03/14	LK	SW6010
Magnesium	13900		36	2.2	mg/Kg	02/03/14	LK	SW6010
Manganese	296		3.6	1.4	mg/Kg	02/03/14	LK	SW6010
Sodium	358	N	7	3.1	mg/Kg	02/03/14	LK	SW6010
Nickel	24.0		0.36	0.14	mg/Kg	02/03/14	LK	SW6010
Lead	47.2		0.7	0.22	mg/Kg	02/03/14	LK	SW6010
Antimony	< 1.8		1.8	1.8	mg/Kg	02/03/14	LK	SW6010
Selenium	< 1.4		1.4	1.2	mg/Kg	02/03/14	LK	SW6010
Thallium	< 1.4		1.4	1.4	mg/Kg	02/03/14	LK	SW6010
Vanadium	33.8		0.4	0.14	mg/Kg	02/03/14	LK	SW6010
Zinc	63.6		0.7	0.36	mg/Kg	02/03/14	LK	SW6010
Percent Solid	91				%	01/31/14	I	E160.3
Soil Extraction for PCB	Completed					01/31/14	BB/V	SW3545
Soil Extraction for Pesticide	Completed					01/31/14	BB	SW3545
Soil Extraction for SVOA	Completed					01/31/14	BJ/FV	SW3545
Mercury Digestion	Completed					02/03/14	I/I	SW7471
Total Metals Digest	Completed					01/31/14	Z/T	SW846 - 3050

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Polychlorinated Biphenyls							
PCB-1016	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	02/01/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	100			%	02/01/14	AW	30 - 150 %
% TCMX	81			%	02/01/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.6	2.6	ug/Kg	02/04/14	CE	SW8081
4,4' -DDE	ND	2.6	2.6	ug/Kg	02/04/14	CE	SW8081
4,4' -DDT	ND	2.6	2.6	ug/Kg	02/04/14	CE	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
a-Chlordane	ND	3.6	3.6	ug/Kg	02/04/14	CE	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Chlordane	ND	22	22	ug/Kg	02/04/14	CE	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Endosulfan I	ND	3.6	3.6	ug/Kg	02/04/14	CE	SW8081
Endosulfan II	ND	3.6	3.6	ug/Kg	02/04/14	CE	SW8081
Endosulfan sulfate	ND	3.6	3.6	ug/Kg	02/04/14	CE	SW8081
Endrin	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Endrin aldehyde	ND	3.6	3.6	ug/Kg	02/04/14	CE	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
g-Chlordane	ND	3.6	3.6	ug/Kg	02/04/14	CE	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	02/04/14	CE	SW8081
Methoxychlor	ND	7.2	7.2	ug/Kg	02/04/14	CE	SW8081
Toxaphene	ND	180	180	ug/Kg	02/04/14	CE	SW8081
QA/QC Surrogates							
% DCBP	122			%	02/04/14	CE	30 - 150 %
% TCMX	92			%	02/04/14	CE	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.5	0.90	ug/Kg	02/01/14	HM	SW8260
1,1,1-Trichloroethane	ND	5.5	1.1	ug/Kg	02/01/14	HM	SW8260
1,1,2,2-Tetrachloroethane	ND	5.5	0.78	ug/Kg	02/01/14	HM	SW8260
1,1,2-Trichloroethane	ND	5.5	0.54	ug/Kg	02/01/14	HM	SW8260
1,1-Dichloroethane	ND	5.5	1.1	ug/Kg	02/01/14	HM	SW8260
1,1-Dichloroethene	ND	5.5	1.2	ug/Kg	02/01/14	HM	SW8260
1,1-Dichloropropene	ND	5.5	1.1	ug/Kg	02/01/14	HM	SW8260

Project ID: 840 FULTON ST BKLYN NY
Client ID: DUPLICATE

Phoenix I.D.: BG03028

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,2,3-Trichlorobenzene	ND		5.5	1.1	ug/Kg	02/01/14	HM	SW8260	
1,2,3-Trichloropropane	ND		5.5	0.78	ug/Kg	02/01/14	HM	SW8260	
1,2,4-Trichlorobenzene	ND		5.5	1.1	ug/Kg	02/01/14	HM	SW8260	
1,2,4-Trimethylbenzene	2.8	J	5.5	0.79	ug/Kg	02/01/14	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND		5.5	1.5	ug/Kg	02/01/14	HM	SW8260	
1,2-Dibromoethane	ND		5.5	1.5	ug/Kg	02/01/14	HM	SW8260	
1,2-Dichlorobenzene	ND		5.5	0.60	ug/Kg	02/01/14	HM	SW8260	
1,2-Dichloroethane	ND		5.5	0.48	ug/Kg	02/01/14	HM	SW8260	
1,2-Dichloropropane	ND		5.5	0.78	ug/Kg	02/01/14	HM	SW8260	
1,3,5-Trimethylbenzene	1.0	J	5.5	0.73	ug/Kg	02/01/14	HM	SW8260	
1,3-Dichlorobenzene	ND		5.5	0.81	ug/Kg	02/01/14	HM	SW8260	
1,3-Dichloropropane	ND		5.5	0.58	ug/Kg	02/01/14	HM	SW8260	
1,4-Dichlorobenzene	ND		5.5	0.87	ug/Kg	02/01/14	HM	SW8260	
2,2-Dichloropropane	ND		5.5	0.92	ug/Kg	02/01/14	HM	SW8260	
2-Chlorotoluene	ND		5.5	0.88	ug/Kg	02/01/14	HM	SW8260	
2-Hexanone	ND		27	2.5	ug/Kg	02/01/14	HM	SW8260	
2-Isopropyltoluene	ND		5.5	0.76	ug/Kg	02/01/14	HM	SW8260	1
4-Chlorotoluene	ND		5.5	0.64	ug/Kg	02/01/14	HM	SW8260	
4-Methyl-2-pentanone	ND		27	1.3	ug/Kg	02/01/14	HM	SW8260	
Acetone	ND		50	5.5	ug/Kg	02/01/14	HM	SW8260	
Acrylonitrile	ND		11	3.1	ug/Kg	02/01/14	HM	SW8260	
Benzene	ND		5.5	1.1	ug/Kg	02/01/14	HM	SW8260	
Bromobenzene	ND		5.5	0.71	ug/Kg	02/01/14	HM	SW8260	
Bromochloromethane	ND		5.5	0.80	ug/Kg	02/01/14	HM	SW8260	
Bromodichloromethane	ND		5.5	0.68	ug/Kg	02/01/14	HM	SW8260	
Bromoform	ND		5.5	0.77	ug/Kg	02/01/14	HM	SW8260	
Bromomethane	ND		5.5	4.2	ug/Kg	02/01/14	HM	SW8260	
Carbon Disulfide	ND		5.5	0.89	ug/Kg	02/01/14	HM	SW8260	
Carbon tetrachloride	ND		5.5	0.64	ug/Kg	02/01/14	HM	SW8260	
Chlorobenzene	ND		5.5	0.81	ug/Kg	02/01/14	HM	SW8260	
Chloroethane	ND		5.5	1.3	ug/Kg	02/01/14	HM	SW8260	
Chloroform	ND		5.5	1.0	ug/Kg	02/01/14	HM	SW8260	
Chloromethane	ND		5.5	2.9	ug/Kg	02/01/14	HM	SW8260	
cis-1,2-Dichloroethene	ND		5.5	1.2	ug/Kg	02/01/14	HM	SW8260	
cis-1,3-Dichloropropene	ND		5.5	0.59	ug/Kg	02/01/14	HM	SW8260	
Dibromochloromethane	ND		5.5	0.62	ug/Kg	02/01/14	HM	SW8260	
Dibromomethane	ND		5.5	0.69	ug/Kg	02/01/14	HM	SW8260	
Dichlorodifluoromethane	ND		5.5	1.5	ug/Kg	02/01/14	HM	SW8260	
Ethylbenzene	ND		5.5	1.0	ug/Kg	02/01/14	HM	SW8260	
Hexachlorobutadiene	ND		5.5	1.2	ug/Kg	02/01/14	HM	SW8260	
Isopropylbenzene	ND		5.5	1.1	ug/Kg	02/01/14	HM	SW8260	
m&p-Xylene	ND		5.5	2.2	ug/Kg	02/01/14	HM	SW8260	
Methyl Ethyl Ketone	ND		33	4.8	ug/Kg	02/01/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND		11	1.5	ug/Kg	02/01/14	HM	SW8260	
Methylene chloride	1.3	JS	5.5	0.90	ug/Kg	02/01/14	HM	SW8260	
Naphthalene	ND		5.5	1.5	ug/Kg	02/01/14	HM	SW8260	
n-Butylbenzene	ND		5.5	1.0	ug/Kg	02/01/14	HM	SW8260	
n-Propylbenzene	ND		5.5	0.99	ug/Kg	02/01/14	HM	SW8260	
o-Xylene	ND		5.5	2.1	ug/Kg	02/01/14	HM	SW8260	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
p-Isopropyltoluene	ND	5.5	0.79	ug/Kg	02/01/14	HM	SW8260	
sec-Butylbenzene	ND	5.5	1.0	ug/Kg	02/01/14	HM	SW8260	
Styrene	ND	5.5	1.6	ug/Kg	02/01/14	HM	SW8260	
tert-Butylbenzene	ND	5.5	0.88	ug/Kg	02/01/14	HM	SW8260	
Tetrachloroethene	ND	5.5	1.2	ug/Kg	02/01/14	HM	SW8260	
Tetrahydrofuran (THF)	ND	11	4.9	ug/Kg	02/01/14	HM	SW8260	1
Toluene	ND	5.5	0.87	ug/Kg	02/01/14	HM	SW8260	
trans-1,2-Dichloroethene	ND	5.5	1.1	ug/Kg	02/01/14	HM	SW8260	
trans-1,3-Dichloropropene	ND	5.5	1.1	ug/Kg	02/01/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND	11	10	ug/Kg	02/01/14	HM	SW8260	
Trichloroethene	ND	5.5	1.2	ug/Kg	02/01/14	HM	SW8260	
Trichlorofluoromethane	ND	5.5	1.2	ug/Kg	02/01/14	HM	SW8260	
Trichlorotrifluoroethane	ND	5.5	0.86	ug/Kg	02/01/14	HM	SW8260	
Vinyl chloride	ND	5.5	1.8	ug/Kg	02/01/14	HM	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	96			%	02/01/14	HM	70 - 121 %	
% Bromofluorobenzene	84			%	02/01/14	HM	59 - 113 %	
% Dibromofluoromethane	102			%	02/01/14	HM	70 - 130 %	
% Toluene-d8	90			%	02/01/14	HM	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	1300	640	ug/Kg	02/01/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	1300	550	ug/Kg	02/01/14	DD	SW 8270	
1,2-Dichlorobenzene	ND	1300	510	ug/Kg	02/01/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND	1300	590	ug/Kg	02/01/14	DD	SW 8270	
1,3-Dichlorobenzene	ND	1300	540	ug/Kg	02/01/14	DD	SW 8270	
1,4-Dichlorobenzene	ND	1300	540	ug/Kg	02/01/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND	1300	1000	ug/Kg	02/01/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND	1300	580	ug/Kg	02/01/14	DD	SW 8270	
2,4-Dichlorophenol	ND	1300	640	ug/Kg	02/01/14	DD	SW 8270	
2,4-Dimethylphenol	ND	1300	450	ug/Kg	02/01/14	DD	SW 8270	
2,4-Dinitrophenol	ND	9100	1300	ug/Kg	02/01/14	DD	SW 8270	
2,4-Dinitrotoluene	ND	1300	720	ug/Kg	02/01/14	DD	SW 8270	
2,6-Dinitrotoluene	ND	1300	570	ug/Kg	02/01/14	DD	SW 8270	
2-Chloronaphthalene	ND	1300	520	ug/Kg	02/01/14	DD	SW 8270	
2-Chlorophenol	ND	1300	520	ug/Kg	02/01/14	DD	SW 8270	
2-Methylnaphthalene	ND	1300	540	ug/Kg	02/01/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	1300	860	ug/Kg	02/01/14	DD	SW 8270	
2-Nitroaniline	ND	9100	1800	ug/Kg	02/01/14	DD	SW 8270	
2-Nitrophenol	ND	1300	1200	ug/Kg	02/01/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	1300	720	ug/Kg	02/01/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND	3600	860	ug/Kg	02/01/14	DD	SW 8270	
3-Nitroaniline	ND	9100	4000	ug/Kg	02/01/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	9100	2000	ug/Kg	02/01/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	1300	530	ug/Kg	02/01/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND	1300	640	ug/Kg	02/01/14	DD	SW 8270	
4-Chloroaniline	ND	3600	850	ug/Kg	02/01/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	1300	610	ug/Kg	02/01/14	DD	SW 8270	
4-Nitroaniline	ND	9100	610	ug/Kg	02/01/14	DD	SW 8270	
4-Nitrophenol	ND	9100	820	ug/Kg	02/01/14	DD	SW 8270	

Project ID: 840 FULTON ST BKLYN NY
Client ID: DUPLICATE

Phoenix I.D.: BG03028

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Acenaphthene	ND		1300	550	ug/Kg	02/01/14	DD	SW 8270	
Acenaphthylene	ND		1300	510	ug/Kg	02/01/14	DD	SW 8270	
Acetophenone	ND		1300	570	ug/Kg	02/01/14	DD	SW 8270	
Aniline	ND		9100	3700	ug/Kg	02/01/14	DD	SW 8270	
Anthracene	ND		1300	600	ug/Kg	02/01/14	DD	SW 8270	
Benz(a)anthracene	ND		1000	610	ug/Kg	02/01/14	DD	SW 8270	
Benzidine	ND		3600	1100	ug/Kg	02/01/14	DD	SW 8270	
Benzo(a)pyrene	ND		1000	590	ug/Kg	02/01/14	DD	SW 8270	
Benzo(b)fluoranthene	ND		1000	620	ug/Kg	02/01/14	DD	SW 8270	
Benzo(ghi)perylene	ND		1300	590	ug/Kg	02/01/14	DD	SW 8270	
Benzo(k)fluoranthene	ND		800	600	ug/Kg	02/01/14	DD	SW 8270	
Benzoic acid	ND		9100	3600	ug/Kg	02/01/14	DD	SW 8270	1
Benzyl butyl phthalate	ND		1300	470	ug/Kg	02/01/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND		1300	500	ug/Kg	02/01/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND		1300	490	ug/Kg	02/01/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND		1300	510	ug/Kg	02/01/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND		1300	520	ug/Kg	02/01/14	DD	SW 8270	
Carbazole	ND		9100	1400	ug/Kg	02/01/14	DD	SW 8270	
Chrysene	ND		1000	610	ug/Kg	02/01/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND		1300	590	ug/Kg	02/01/14	DD	SW 8270	
Dibenzofuran	ND		1300	530	ug/Kg	02/01/14	DD	SW 8270	
Diethyl phthalate	ND		1300	570	ug/Kg	02/01/14	DD	SW 8270	
Dimethylphthalate	ND		1300	560	ug/Kg	02/01/14	DD	SW 8270	
Di-n-butylphthalate	ND		1300	480	ug/Kg	02/01/14	DD	SW 8270	
Di-n-octylphthalate	ND		1300	470	ug/Kg	02/01/14	DD	SW 8270	
Fluoranthene	930	J	1300	590	ug/Kg	02/01/14	DD	SW 8270	
Fluorene	ND		1300	600	ug/Kg	02/01/14	DD	SW 8270	
Hexachlorobenzene	ND		1300	530	ug/Kg	02/01/14	DD	SW 8270	
Hexachlorobutadiene	ND		1300	660	ug/Kg	02/01/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND		1300	560	ug/Kg	02/01/14	DD	SW 8270	
Hexachloroethane	ND		1300	550	ug/Kg	02/01/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND		1300	600	ug/Kg	02/01/14	DD	SW 8270	
Isophorone	ND		1300	510	ug/Kg	02/01/14	DD	SW 8270	
Naphthalene	ND		1300	520	ug/Kg	02/01/14	DD	SW 8270	
Nitrobenzene	ND		1300	640	ug/Kg	02/01/14	DD	SW 8270	
N-Nitrosodimethylamine	ND		1300	510	ug/Kg	02/01/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND		1300	590	ug/Kg	02/01/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND		1300	700	ug/Kg	02/01/14	DD	SW 8270	
Pentachloronitrobenzene	ND		1300	680	ug/Kg	02/01/14	DD	SW 8270	
Pentachlorophenol	ND		800	690	ug/Kg	02/01/14	DD	SW 8270	
Phenanthrene	920	J	1300	520	ug/Kg	02/01/14	DD	SW 8270	
Phenol	ND		1300	580	ug/Kg	02/01/14	DD	SW 8270	
Pyrene	780	J	1300	630	ug/Kg	02/01/14	DD	SW 8270	
Pyridine	ND		1300	450	ug/Kg	02/01/14	DD	SW 8270	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	103				%	02/01/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	94				%	02/01/14	DD	30 - 115 %	
% 2-Fluorophenol	90				%	02/01/14	DD	25 - 121 %	
% Nitrobenzene-d5	93				%	02/01/14	DD	23 - 120 %	

Project ID: 840 FULTON ST BKLYN NY
Client ID: DUPLICATE

Phoenix I.D.: BG03028

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Phenol-d5	94			%	02/01/14	DD	24 - 113 %
% Terphenyl-d14	84			%	02/01/14	DD	18 - 137 %

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 LOD=Limit of Detection MDL=Method Detection Limit

Comments:

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

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

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Semi-Volatile Comment:
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.
Sample was extremely viscous.

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
February 10, 2014
Reviewed and Released by: Phyllis Shiller, Laboratory 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

February 10, 2014

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:	SOLID	Collected by:		01/23/14	0:00
Location Code:	EBC	Received by:	SW	01/24/14	16:50
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG03018
Phoenix ID: BG03029

Project ID: 840 FULTON ST BKLYN NY
Client ID: HIGH TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Percent Solid	100	1		%	01/23/14		E160.3	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	250	41	ug/Kg	01/26/14	HM	SW8260	
1,1,1-Trichloroethane	ND	250	50	ug/Kg	01/26/14	HM	SW8260	
1,1,2,2-Tetrachloroethane	ND	250	36	ug/Kg	01/26/14	HM	SW8260	
1,1,2-Trichloroethane	ND	250	25	ug/Kg	01/26/14	HM	SW8260	
1,1-Dichloroethane	ND	250	50	ug/Kg	01/26/14	HM	SW8260	
1,1-Dichloroethene	ND	250	55	ug/Kg	01/26/14	HM	SW8260	
1,1-Dichloropropene	ND	250	49	ug/Kg	01/26/14	HM	SW8260	
1,2,3-Trichlorobenzene	ND	250	50	ug/Kg	01/26/14	HM	SW8260	
1,2,3-Trichloropropane	ND	250	36	ug/Kg	01/26/14	HM	SW8260	
1,2,4-Trichlorobenzene	ND	250	50	ug/Kg	01/26/14	HM	SW8260	
1,2,4-Trimethylbenzene	ND	250	36	ug/Kg	01/26/14	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND	250	67	ug/Kg	01/26/14	HM	SW8260	
1,2-Dibromoethane	ND	250	67	ug/Kg	01/26/14	HM	SW8260	
1,2-Dichlorobenzene	ND	250	28	ug/Kg	01/26/14	HM	SW8260	
1,2-Dichloroethane	ND	250	22	ug/Kg	01/26/14	HM	SW8260	
1,2-Dichloropropane	ND	250	36	ug/Kg	01/26/14	HM	SW8260	
1,3,5-Trimethylbenzene	ND	250	33	ug/Kg	01/26/14	HM	SW8260	
1,3-Dichlorobenzene	ND	250	37	ug/Kg	01/26/14	HM	SW8260	
1,3-Dichloropropane	ND	250	27	ug/Kg	01/26/14	HM	SW8260	
1,4-Dichlorobenzene	ND	250	40	ug/Kg	01/26/14	HM	SW8260	
2,2-Dichloropropane	ND	250	42	ug/Kg	01/26/14	HM	SW8260	
2-Chlorotoluene	ND	250	40	ug/Kg	01/26/14	HM	SW8260	
2-Hexanone	ND	1300	110	ug/Kg	01/26/14	HM	SW8260	
2-Isopropyltoluene	ND	250	35	ug/Kg	01/26/14	HM	SW8260	1
4-Chlorotoluene	ND	250	29	ug/Kg	01/26/14	HM	SW8260	

Project ID: 840 FULTON ST BKLYN NY
Client ID: HIGH TRIP BLANK

Phoenix I.D.: BG03029

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND		1300	60	ug/Kg	01/26/14	HM	SW8260	
Acetone	ND		2500	250	ug/Kg	01/26/14	HM	SW8260	
Acrylonitrile	ND		500	140	ug/Kg	01/26/14	HM	SW8260	
Benzene	ND		250	50	ug/Kg	01/26/14	HM	SW8260	
Bromobenzene	ND		250	33	ug/Kg	01/26/14	HM	SW8260	
Bromochloromethane	ND		250	37	ug/Kg	01/26/14	HM	SW8260	
Bromodichloromethane	ND		250	31	ug/Kg	01/26/14	HM	SW8260	
Bromoform	ND		250	35	ug/Kg	01/26/14	HM	SW8260	
Bromomethane	ND		250	190	ug/Kg	01/26/14	HM	SW8260	
Carbon Disulfide	ND		250	41	ug/Kg	01/26/14	HM	SW8260	
Carbon tetrachloride	ND		250	29	ug/Kg	01/26/14	HM	SW8260	
Chlorobenzene	ND		250	37	ug/Kg	01/26/14	HM	SW8260	
Chloroethane	ND		250	59	ug/Kg	01/26/14	HM	SW8260	
Chloroform	ND		250	46	ug/Kg	01/26/14	HM	SW8260	
Chloromethane	ND		250	130	ug/Kg	01/26/14	HM	SW8260	
cis-1,2-Dichloroethene	ND		250	55	ug/Kg	01/26/14	HM	SW8260	
cis-1,3-Dichloropropene	ND		250	27	ug/Kg	01/26/14	HM	SW8260	
Dibromochloromethane	ND		250	28	ug/Kg	01/26/14	HM	SW8260	
Dibromomethane	ND		250	32	ug/Kg	01/26/14	HM	SW8260	
Dichlorodifluoromethane	ND		250	67	ug/Kg	01/26/14	HM	SW8260	
Ethylbenzene	ND		250	46	ug/Kg	01/26/14	HM	SW8260	
Hexachlorobutadiene	ND		250	53	ug/Kg	01/26/14	HM	SW8260	
Isopropylbenzene	ND		250	48	ug/Kg	01/26/14	HM	SW8260	
m&p-Xylene	ND		250	99	ug/Kg	01/26/14	HM	SW8260	
Methyl Ethyl Ketone	ND		1500	220	ug/Kg	01/26/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND		500	69	ug/Kg	01/26/14	HM	SW8260	
Methylene chloride	57	JS	250	41	ug/Kg	01/26/14	HM	SW8260	
Naphthalene	ND		250	67	ug/Kg	01/26/14	HM	SW8260	
n-Butylbenzene	ND		250	46	ug/Kg	01/26/14	HM	SW8260	
n-Propylbenzene	ND		250	45	ug/Kg	01/26/14	HM	SW8260	
o-Xylene	ND		250	96	ug/Kg	01/26/14	HM	SW8260	
p-Isopropyltoluene	ND		250	36	ug/Kg	01/26/14	HM	SW8260	
sec-Butylbenzene	ND		250	47	ug/Kg	01/26/14	HM	SW8260	
Styrene	ND		250	72	ug/Kg	01/26/14	HM	SW8260	
tert-Butylbenzene	ND		250	40	ug/Kg	01/26/14	HM	SW8260	
Tetrachloroethene	ND		250	53	ug/Kg	01/26/14	HM	SW8260	
Tetrahydrofuran (THF)	ND		500	230	ug/Kg	01/26/14	HM	SW8260	1
Toluene	ND		250	40	ug/Kg	01/26/14	HM	SW8260	
trans-1,2-Dichloroethene	ND		250	50	ug/Kg	01/26/14	HM	SW8260	
trans-1,3-Dichloropropene	ND		250	51	ug/Kg	01/26/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND		500	460	ug/Kg	01/26/14	HM	SW8260	
Trichloroethene	ND		250	53	ug/Kg	01/26/14	HM	SW8260	
Trichlorofluoromethane	ND		250	56	ug/Kg	01/26/14	HM	SW8260	
Trichlorotrifluoroethane	ND		250	39	ug/Kg	01/26/14	HM	SW8260	
Vinyl chloride	ND		250	81	ug/Kg	01/26/14	HM	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	102				%	01/26/14	HM	70 - 121 %	
% Bromofluorobenzene	98				%	01/26/14	HM	59 - 113 %	
% Dibromofluoromethane	102				%	01/26/14	HM	70 - 130 %	

Project ID: 840 FULTON ST BKLYN NY
Client ID: HIGH TRIP BLANK

Phoenix I.D.: BG03029

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Toluene-d8	98			%	01/26/14	HM	84 - 138 %

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 LOD=Limit of Detection MDL=Method Detection Limit

Comments:

TRIP BLANK INCLUDED. %SOLIDS ASSUMED 100%

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

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
February 10, 2014
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

NY # 11301

Analysis Report

February 10, 2014

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:	SOLID	Collected by:		01/23/14	0:00
Location Code:	EBC	Received by:	SW	01/24/14	16:50
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG03018
Phoenix ID: BG03030

Project ID: 840 FULTON ST BKLYN NY
Client ID: LOW TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Percent Solid	100	1		%	01/23/14		E160.3	
Field Extraction	Completed				01/23/14		SW5035	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.0	0.82	ug/Kg	01/26/14	HM	SW8260	
1,1,1-Trichloroethane	ND	5.0	1.0	ug/Kg	01/26/14	HM	SW8260	
1,1,2,2-Tetrachloroethane	ND	5.0	0.71	ug/Kg	01/26/14	HM	SW8260	
1,1,2-Trichloroethane	ND	5.0	0.49	ug/Kg	01/26/14	HM	SW8260	
1,1-Dichloroethane	ND	5.0	0.99	ug/Kg	01/26/14	HM	SW8260	
1,1-Dichloroethene	ND	5.0	1.1	ug/Kg	01/26/14	HM	SW8260	
1,1-Dichloropropene	ND	5.0	0.97	ug/Kg	01/26/14	HM	SW8260	
1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/Kg	01/26/14	HM	SW8260	
1,2,3-Trichloropropane	ND	5.0	0.71	ug/Kg	01/26/14	HM	SW8260	
1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/Kg	01/26/14	HM	SW8260	
1,2,4-Trimethylbenzene	ND	5.0	0.72	ug/Kg	01/26/14	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND	5.0	1.3	ug/Kg	01/26/14	HM	SW8260	
1,2-Dibromoethane	ND	5.0	1.3	ug/Kg	01/26/14	HM	SW8260	
1,2-Dichlorobenzene	ND	5.0	0.55	ug/Kg	01/26/14	HM	SW8260	
1,2-Dichloroethane	ND	5.0	0.44	ug/Kg	01/26/14	HM	SW8260	
1,2-Dichloropropane	ND	5.0	0.71	ug/Kg	01/26/14	HM	SW8260	
1,3,5-Trimethylbenzene	ND	5.0	0.66	ug/Kg	01/26/14	HM	SW8260	
1,3-Dichlorobenzene	ND	5.0	0.74	ug/Kg	01/26/14	HM	SW8260	
1,3-Dichloropropane	ND	5.0	0.53	ug/Kg	01/26/14	HM	SW8260	
1,4-Dichlorobenzene	ND	5.0	0.79	ug/Kg	01/26/14	HM	SW8260	
2,2-Dichloropropane	ND	5.0	0.84	ug/Kg	01/26/14	HM	SW8260	
2-Chlorotoluene	ND	5.0	0.80	ug/Kg	01/26/14	HM	SW8260	
2-Hexanone	ND	25	2.3	ug/Kg	01/26/14	HM	SW8260	
2-Isopropyltoluene	ND	5.0	0.69	ug/Kg	01/26/14	HM	SW8260	1

Project ID: 840 FULTON ST BKLYN NY
Client ID: LOW TRIP BLANK

Phoenix I.D.: BG03030

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Chlorotoluene	ND		5.0	0.58	ug/Kg	01/26/14	HM	SW8260	
4-Methyl-2-pentanone	ND		25	1.2	ug/Kg	01/26/14	HM	SW8260	
Acetone	ND		50	5.0	ug/Kg	01/26/14	HM	SW8260	
Acrylonitrile	ND		10	2.8	ug/Kg	01/26/14	HM	SW8260	
Benzene	ND		5.0	0.99	ug/Kg	01/26/14	HM	SW8260	
Bromobenzene	ND		5.0	0.65	ug/Kg	01/26/14	HM	SW8260	
Bromochloromethane	ND		5.0	0.73	ug/Kg	01/26/14	HM	SW8260	
Bromodichloromethane	ND		5.0	0.62	ug/Kg	01/26/14	HM	SW8260	
Bromoform	ND		5.0	0.70	ug/Kg	01/26/14	HM	SW8260	
Bromomethane	ND		5.0	3.9	ug/Kg	01/26/14	HM	SW8260	
Carbon Disulfide	ND		5.0	0.81	ug/Kg	01/26/14	HM	SW8260	
Carbon tetrachloride	ND		5.0	0.58	ug/Kg	01/26/14	HM	SW8260	
Chlorobenzene	ND		5.0	0.74	ug/Kg	01/26/14	HM	SW8260	
Chloroethane	ND		5.0	1.2	ug/Kg	01/26/14	HM	SW8260	
Chloroform	ND		5.0	0.91	ug/Kg	01/26/14	HM	SW8260	
Chloromethane	ND		5.0	2.6	ug/Kg	01/26/14	HM	SW8260	
cis-1,2-Dichloroethene	ND		5.0	1.1	ug/Kg	01/26/14	HM	SW8260	
cis-1,3-Dichloropropene	ND		5.0	0.54	ug/Kg	01/26/14	HM	SW8260	
Dibromochloromethane	ND		5.0	0.56	ug/Kg	01/26/14	HM	SW8260	
Dibromomethane	ND		5.0	0.63	ug/Kg	01/26/14	HM	SW8260	
Dichlorodifluoromethane	ND		5.0	1.3	ug/Kg	01/26/14	HM	SW8260	
Ethylbenzene	ND		5.0	0.91	ug/Kg	01/26/14	HM	SW8260	
Hexachlorobutadiene	ND		5.0	1.1	ug/Kg	01/26/14	HM	SW8260	
Isopropylbenzene	ND		5.0	0.96	ug/Kg	01/26/14	HM	SW8260	
m&p-Xylene	ND		5.0	2.0	ug/Kg	01/26/14	HM	SW8260	
Methyl Ethyl Ketone	ND		30	4.3	ug/Kg	01/26/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND		10	1.4	ug/Kg	01/26/14	HM	SW8260	
Methylene chloride	1.9	J	5.0	0.82	ug/Kg	01/26/14	HM	SW8260	
Naphthalene	ND		5.0	1.3	ug/Kg	01/26/14	HM	SW8260	
n-Butylbenzene	ND		5.0	0.91	ug/Kg	01/26/14	HM	SW8260	
n-Propylbenzene	ND		5.0	0.90	ug/Kg	01/26/14	HM	SW8260	
o-Xylene	ND		5.0	1.9	ug/Kg	01/26/14	HM	SW8260	
p-Isopropyltoluene	ND		5.0	0.72	ug/Kg	01/26/14	HM	SW8260	
sec-Butylbenzene	ND		5.0	0.94	ug/Kg	01/26/14	HM	SW8260	
Styrene	ND		5.0	1.4	ug/Kg	01/26/14	HM	SW8260	
tert-Butylbenzene	ND		5.0	0.80	ug/Kg	01/26/14	HM	SW8260	
Tetrachloroethene	ND		5.0	1.1	ug/Kg	01/26/14	HM	SW8260	
Tetrahydrofuran (THF)	ND		10	4.5	ug/Kg	01/26/14	HM	SW8260	1
Toluene	ND		5.0	0.79	ug/Kg	01/26/14	HM	SW8260	
trans-1,2-Dichloroethene	ND		5.0	1.0	ug/Kg	01/26/14	HM	SW8260	
trans-1,3-Dichloropropene	ND		5.0	1.0	ug/Kg	01/26/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND		10	9.3	ug/Kg	01/26/14	HM	SW8260	
Trichloroethene	ND		5.0	1.1	ug/Kg	01/26/14	HM	SW8260	
Trichlorofluoromethane	ND		5.0	1.1	ug/Kg	01/26/14	HM	SW8260	
Trichlorotrifluoroethane	ND		5.0	0.78	ug/Kg	01/26/14	HM	SW8260	
Vinyl chloride	ND		5.0	1.6	ug/Kg	01/26/14	HM	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99				%	01/26/14	HM	70 - 121 %	
% Bromofluorobenzene	97				%	01/26/14	HM	59 - 113 %	

Project ID: 840 FULTON ST BKLYN NY
Client ID: LOW TRIP BLANK

Phoenix I.D.: BG03030

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Dibromofluoromethane	95			%	01/26/14	HM	70 - 130 %
% Toluene-d8	98			%	01/26/14	HM	84 - 138 %

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 LOD=Limit of Detection MDL=Method Detection Limit

Comments:

TRIP BLANK INCLUDED. %SOLIDS ASSUMED 100%

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
February 10, 2014
Reviewed and Released by: Phyllis Shiller, Laboratory Director

Sample Criteria Exceedences Report

GBG03018 - EBC

Criteria: NY: 375, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BG03018	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1300	260	1000	1000	ug/Kg
BG03018	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	1300	260	1000	1000	ug/Kg
BG03018	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1300	260	1000	1000	ug/Kg
BG03018	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1300	260	1000	1000	ug/Kg
BG03018	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1300	260	1000	1000	ug/Kg
BG03018	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1600	260	1000	1000	ug/Kg
BG03018	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	1600	260	1000	1000	ug/Kg
BG03018	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1600	260	1000	1000	ug/Kg
BG03018	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1100	260	1000	1000	ug/Kg
BG03018	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1100	260	1000	1000	ug/Kg
BG03018	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100	260	1000	1000	ug/Kg
BG03018	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	540	260	500	500	ug/Kg
BG03018	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	540	260	500	500	ug/Kg
BG03018	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	540	260	500	500	ug/Kg
BG03018	$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	94	13	3.3	3.3	ug/Kg
BG03018	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential	1140	0.8	350	350	mg/Kg
BG03018	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential Restricted	1140	0.8	400	400	mg/Kg
BG03018	BA-SMDP	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	1140	0.8	350	350	mg/Kg
BG03018	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.56	0.09	0.18	0.18	mg/Kg
BG03018	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	836	7.7	400	400	mg/Kg
BG03018	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	836	7.7	400	400	mg/Kg
BG03018	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	836	7.7	63	63	mg/Kg
BG03018	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	1140	7.7	109	109	mg/Kg
BG03019	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	34.2	0.35	30	30	mg/Kg
BG03020	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	32.8	0.34	30	30	mg/Kg
BG03021	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	36.5	0.33	30		mg/Kg
BG03021	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	43.4	0.33	30	30	mg/Kg
BG03022	$8260-SMDPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	56	50	50	50	ug/Kg
BG03022	$PCB_SMRDP	PCB-1260	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	300	38	100	100	ug/Kg
BG03022	$PESTSMDPR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	9.4	5	5	ug/Kg
BG03022	$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	14	3.3	3.3	ug/Kg
BG03022	$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	9.4	5	5	ug/Kg
BG03022	$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	14	3.3	3.3	ug/Kg
BG03022	$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	22	3.3	3.3	ug/Kg
BG03022	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential	18.1	0.7	16	16	mg/Kg
BG03022	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential Restricted	18.1	0.7	16	16	mg/Kg
BG03022	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	18.1	0.7	13	13	mg/Kg
BG03022	CD-SM	Cadmium	NY / 375-6.8 Metals / Residential	2.92	0.34	2.5	2.5	mg/Kg
BG03022	CD-SM	Cadmium	NY / 375-6.8 Metals / Unrestricted Use Soil	2.92	0.34	2.5	2.5	mg/Kg

Sample Criteria Exceedences Report

GBG03018 - EBC

Criteria: NY: 375, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BG03022	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	35.2	0.34	30		mg/Kg
BG03022	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	111	0.34	50	50	mg/kg
BG03022	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.34	0.09	0.18	0.18	mg/Kg
BG03022	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	680	6.8	400	400	mg/Kg
BG03022	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	680	6.8	400	400	mg/Kg
BG03022	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	680	6.8	63	63	mg/Kg
BG03022	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	274	6.8	109	109	mg/Kg
BG03023	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	46.6	0.39	30	30	mg/Kg
BG03024	$8270SMRDP	Phenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	330	330	ug/Kg
BG03024	$8270SMRDP	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	330	330	ug/Kg
BG03024	$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Residential	ND	2600	2400	2400	ug/Kg
BG03024	$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	800	800	ug/Kg
BG03024	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	21000	2600	1000	1000	ug/Kg
BG03024	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	21000	2600	1000	1000	ug/Kg
BG03024	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	21000	2600	1000	1000	ug/Kg
BG03024	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	20000	2600	1000	1000	ug/Kg
BG03024	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential Restricted	20000	2600	3900	3900	ug/Kg
BG03024	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	20000	2600	1000	1000	ug/Kg
BG03024	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	24000	2600	1000	1000	ug/Kg
BG03024	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	24000	2600	1000	1000	ug/Kg
BG03024	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	24000	2600	1000	1000	ug/Kg
BG03024	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	5600	2600	1000	1000	ug/Kg
BG03024	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	5600	2600	3900	3900	ug/Kg
BG03024	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	5600	2600	800	800	ug/Kg
BG03024	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	17000	2600	1000	1000	ug/Kg
BG03024	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	17000	2600	1000	1000	ug/Kg
BG03024	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	17000	2600	1000	1000	ug/Kg
BG03024	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	9900	2600	500	500	ug/Kg
BG03024	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	9900	2600	500	500	ug/Kg
BG03024	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	9900	2600	500	500	ug/Kg
BG03024	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	2500	2600	330	330	ug/Kg
BG03024	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	2500	2600	330	330	ug/Kg
BG03024	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2500	2600	330	330	ug/Kg
BG03024	$PESTSMDPR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	9.1	5	5	ug/Kg
BG03024	$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	13	3.3	3.3	ug/Kg
BG03024	$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	9.1	5	5	ug/Kg
BG03024	$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	13	3.3	3.3	ug/Kg
BG03024	$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	31	13	3.3	3.3	ug/Kg
BG03024	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.76	0.07	0.18	0.18	mg/Kg
BG03024	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	482	7.6	400	400	mg/Kg

Sample Criteria Exceedences Report

GBG03018 - EBC

Criteria: NY: 375, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BG03024	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	482	7.6	400	400	mg/Kg
BG03024	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	482	7.6	63	63	mg/Kg
BG03024	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	453	7.6	109	109	mg/Kg
BG03025	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	45.6	0.35	30	30	mg/Kg
BG03026	$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	8.2	2.6	3.3	3.3	ug/Kg
BG03028	$8270SMRDP	Phenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1300	330	330	ug/Kg
BG03028	$8270SMRDP	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1300	330	330	ug/Kg
BG03028	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	1300	500	500	ug/Kg
BG03028	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	1300	500	500	ug/Kg
BG03028	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1300	500	500	ug/Kg
BG03028	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	1300	330	330	ug/Kg
BG03028	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	1300	330	330	ug/Kg
BG03028	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1300	330	330	ug/Kg
BG03029	$8260-SMDPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	250	210	210	ug/Kg
BG03029	$8260-SMDPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	20	20	ug/Kg
BG03029	$8260-SMDPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2500	50	50	ug/Kg
BG03029	$8260-SMDPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	57	250	50	50	ug/Kg
BG03029	$8260-SMDPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	190	190	ug/Kg
BG03029	$8260-SMDPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1500	120	120	ug/Kg
BG03029	$8260-SMDPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	60	60	ug/Kg
BG03029	$8260-SMDPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	20	20	ug/Kg

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

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

NY Temperature Narration

February 10, 2014

SDG I.D.: GBG03018

The samples in this delivery group were received at 4°C.
(Note acceptance criteria is above freezing up to 6°C)

NY/NJ CHAIN OF CUSTODY RECORD

PHOENIX Environmental Laboratories, Inc.

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

Temp 4 on ice

Data Delivery:
- [ ] Fax #:
- [x] Email: csosive@ebeinc.com

Customer: EBC
Address: Ridge NY

Project: 840 Fulton St BKlyn NY
Report to:
Invoice to:

Project P.O:
Phone #:
Fax #:

Sampler's Signature: [signature] Date: 1-23

Client Sample - Information - Identification

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	VOC 8260	SVOC 8270	TAL metals	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H2O	GL Soil container (2) oz	GL Soil container (8) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
03018	SB1 0-2	S	1.23	800	x	x				1	1						
03019	SB1 12-14			820													
03020	SB2 0-2 *			900			X										
03021	SB2 8-10			920													
03022	SB3 0-2			1000													
03023	SB3 12-14			1020													
03024	SB4 0-2 *			1100			X										
03025	SB4 12-14			1120													
03026	SB5 0-2			1200													
03027	SB5 8-10			1220													
03028	Duplicate *	S			x	x				1	1						
03029	hi triplblank				x				1								

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	1-24-13	1:15
Relinquished for RS	[signature]	1/24/14	1650

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

* SURCHARGE APPLIES

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

NY
- [ ] TOGS GA GW
- [ ] CP-51 Soil
- [x] NY375 Unrestricted Soil
- [x] NY375 Residential Soil
- [x] NY375 Restricted Non-Residential Soil

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

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

Comments, Special Requirements or Regulations:

* hold Duplicate
→ hold all samples for possible Pest/PCB analysis & metals
* 24hr TAT for total lead + TCLP Lead on Metal samples

State where samples were collected: NY

Lori - Phoenixlabs

From: Sarah - Phoenixlabs [sarah@phoenixlabs.com]
Sent: Monday, January 27, 2014 10:36 AM
To: 'Lori - Phoenixlabs'
Subject: Add on from last week chain
Importance: High

Shannon had asked me to email Kevin at EBC last Friday am they are just getting back to me today and want to add TCLP Lead for 24hr TAT and Total Lead 24hr TAT due tomorrow. bg03020 bg03024

Sarah Bell
Client Services Representative
Phoenix Environmental Laboratories
587 East Middle Turnpike
Manchester, CT 06040
Ph: 1-860-645-1102

NY/NJ CHAIN OF CUSTODY RECORD

PHOENIX Environmental Laboratories, Inc.

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

Temp [illegible] Pg 2 of 2

Data Delivery:
☐ Fax #:
☑ Email: csosix@ebcinc.ny.com

Customer: EBC
Address: Ridge NY
Project: 840 Fulton St Bklyn NY
Report to:
Invoice to:
Project P.O:
Phone #:
Fax #:

Sampler's Signature: [signature] Date:

Client Sample - Information - Identification

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	VOC 8260	Soil VOA Methanol [ ] S. Bisulfate [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
* 03030	low trip blank	S			X	2									

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	1-24-14	12:16
Released for RS	[signature]	1/24/14	1658

Comments, Special Requirements or Regulations:
* Rcvd (2) LL TB. MJP.

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

PHOENIX
Environmental Laboratories, Inc.

Wednesday, February 12, 2014

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

Project ID: 840 FULTON ST BKLYN
Sample ID#s: BG07592 - BG07595

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.

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

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone (860) 645-1102 Fax (860) 645-0823

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

NY # 11301

Analysis Report

February 12, 2014

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:	AIR	Collected by:		02/06/14	14:04
Location Code:	EBC	Received by:	SW	02/07/14	17:50
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG07592
Phoenix ID: BG07592

Project ID: 840 FULTON ST BKLYN
Client ID: SG-4

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	02/10/14	KCA	TO15	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	02/10/14	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	02/10/14	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	02/10/14	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	02/10/14	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	02/10/14	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	02/10/14	KCA	TO15	
1,2,4-Trimethylbenzene	1.14	*0.204*	5.60	*1.00*	02/10/14	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	02/10/14	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	02/10/14	KCA	TO15	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	02/10/14	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.00*	02/10/14	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	02/10/14	KCA	TO15	
1,3,5-Trimethylbenzene	0.36	*0.204*	1.77	*1.00*	02/10/14	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	02/10/14	KCA	TO15	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	02/10/14	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	02/10/14	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	02/10/14	KCA	TO15	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	02/10/14	KCA	TO15	1
4-Ethyltoluene	0.26	*0.204*	1.28	*1.00*	02/10/14	KCA	TO15	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	02/10/14	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	02/10/14	KCA	TO15	
Acetone	20.2	*0.421*	48.0	*1.00*	02/10/14	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.00*	02/10/14	KCA	TO15	
Benzene	0.42	*0.313*	1.34	*1.00*	02/10/14	KCA	TO15	
Benzyl chloride	ND	*0.193*	ND	*1.00*	02/10/14	KCA	TO15	

Project ID: 840 FULTON ST BKLYN
Client ID: SG-4

Phoenix I.D.: BG07592

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	02/10/14	KCA	TO15	
Bromoform	ND	*0.097*	ND	*1.00*	02/10/14	KCA	TO15	
Bromomethane	ND	*0.258*	ND	*1.00*	02/10/14	KCA	TO15	
Carbon Disulfide	0.58	*0.321*	1.80	*1.00*	02/10/14	KCA	TO15	
Carbon Tetrachloride	ND	*0.040*	ND	*0.25*	02/10/14	KCA	TO15	
Chlorobenzene	ND	*0.217*	ND	*1.00*	02/10/14	KCA	TO15	
Chloroethane	ND	*0.379*	ND	*1.00*	02/10/14	KCA	TO15	
Chloroform	0.21	*0.205*	1.02	*1.00*	02/10/14	KCA	TO15	
Chloromethane	ND	*0.484*	ND	*1.00*	02/10/14	KCA	TO15	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	02/10/14	KCA	TO15	
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	02/10/14	KCA	TO15	
Cyclohexane	0.36	*0.291*	1.24	*1.00*	02/10/14	KCA	TO15	
Dibromochloromethane	ND	*0.117*	ND	*1.00*	02/10/14	KCA	TO15	
Dichlorodifluoromethane	0.37	*0.202*	1.83	*1.00*	02/10/14	KCA	TO15	
Ethanol	18.5	*0.531*	34.8	*1.00*	02/10/14	KCA	TO15	1
Ethyl acetate	0.44	*0.278*	1.58	*1.00*	02/10/14	KCA	TO15	1
Ethylbenzene	1.11	*0.230*	4.82	*1.00*	02/10/14	KCA	TO15	
Heptane	5.23	*0.244*	21.4	*1.00*	02/10/14	KCA	TO15	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	02/10/14	KCA	TO15	
Hexane	1.36	*0.284*	4.79	*1.00*	02/10/14	KCA	TO15	
Isopropylalcohol	ND	*0.407*	ND	*1.00*	02/10/14	KCA	TO15	
Isopropylbenzene	0.34	*0.204*	1.67	*1.00*	02/10/14	KCA	TO15	
m,p-Xylene	10.7	*0.230*	46.4	*1.00*	02/10/14	KCA	TO15	
Methyl Ethyl Ketone	0.49	*0.339*	1.44	*1.00*	02/10/14	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	02/10/14	KCA	TO15	
Methylene Chloride	ND	*0.288*	ND	*1.00*	02/10/14	KCA	TO15	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	02/10/14	KCA	TO15	1
o-Xylene	4.18	*0.230*	18.1	*1.00*	02/10/14	KCA	TO15	
Propylene	4.82	*0.581*	8.29	*1.00*	02/10/14	KCA	TO15	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	02/10/14	KCA	TO15	1
Styrene	ND	*0.235*	ND	*1.00*	02/10/14	KCA	TO15	
Tetrachloroethene	4.49	*0.037*	30.4	*0.25*	02/10/14	KCA	TO15	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	02/10/14	KCA	TO15	1
Toluene	4.12	*0.266*	15.5	*1.00*	02/10/14	KCA	TO15	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	02/10/14	KCA	TO15	
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	02/10/14	KCA	TO15	
Trichloroethene	0.08	*0.047*	0.430	*0.25*	02/10/14	KCA	TO15	
Trichlorofluoromethane	ND	*0.178*	ND	*1.00*	02/10/14	KCA	TO15	
Trichlorotrifluoroethane	0.15	*0.130*	1.15	*1.00*	02/10/14	KCA	TO15	
Vinyl Chloride	ND	*0.098*	ND	*0.25*	02/10/14	KCA	TO15	
QA/QC Surrogates								
% Bromofluorobenzene	102	%	102	%	02/10/14	KCA	TO15	

Project ID: 840 FULTON ST BKLYN

Client ID: SG-4

Phoenix I.D.: BG07592

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	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.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

February 12, 2014

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

February 12, 2014

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:	AIR	Collected by:		02/06/14	13:25
Location Code:	EBC	Received by:	SW	02/07/14	17:50
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG07592
Phoenix ID: BG07593

Project ID: 840 FULTON ST BKLYN
Client ID: SG-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	02/10/14	KCA	TO15	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	02/10/14	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	02/10/14	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	02/10/14	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	02/10/14	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	02/10/14	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	02/10/14	KCA	TO15	
1,2,4-Trimethylbenzene	1.2	*0.204*	5.90	*1.00*	02/10/14	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	02/10/14	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	02/10/14	KCA	TO15	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	02/10/14	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.00*	02/10/14	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	02/10/14	KCA	TO15	
1,3,5-Trimethylbenzene	0.33	*0.204*	1.62	*1.00*	02/10/14	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	02/10/14	KCA	TO15	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	02/10/14	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	02/10/14	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	02/10/14	KCA	TO15	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	02/10/14	KCA	TO15	1
4-Ethyltoluene	ND	*0.204*	ND	*1.00*	02/10/14	KCA	TO15	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	02/10/14	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	02/10/14	KCA	TO15	
Acetone	116	*0.421*	275	*1.00*	02/10/14	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.00*	02/10/14	KCA	TO15	
Benzene	2.4	*0.313*	7.66	*1.00*	02/10/14	KCA	TO15	
Benzyl chloride	ND	*0.193*	ND	*1.00*	02/10/14	KCA	TO15	

Project ID: 840 FULTON ST BKLYN
Client ID: SG-2

Phoenix I.D.: BG07593

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	02/10/14	KCA	TO15	
Bromoform	ND	*0.097*	ND	*1.00*	02/10/14	KCA	TO15	
Bromomethane	ND	*0.258*	ND	*1.00*	02/10/14	KCA	TO15	
Carbon Disulfide	0.46	*0.321*	1.43	*1.00*	02/10/14	KCA	TO15	
Carbon Tetrachloride	0.05	*0.040*	0.314	*0.25*	02/10/14	KCA	TO15	
Chlorobenzene	ND	*0.217*	ND	*1.00*	02/10/14	KCA	TO15	
Chloroethane	ND	*0.379*	ND	*1.00*	02/10/14	KCA	TO15	
Chloroform	ND	*0.205*	ND	*1.00*	02/10/14	KCA	TO15	
Chloromethane	ND	*0.484*	ND	*1.00*	02/10/14	KCA	TO15	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	02/10/14	KCA	TO15	
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	02/10/14	KCA	TO15	
Cyclohexane	3.81	*0.291*	13.1	*1.00*	02/10/14	KCA	TO15	
Dibromochloromethane	ND	*0.117*	ND	*1.00*	02/10/14	KCA	TO15	
Dichlorodifluoromethane	0.5	*0.202*	2.47	*1.00*	02/10/14	KCA	TO15	
Ethanol	34.7	*0.531*	65.3	*1.00*	02/10/14	KCA	TO15	1
Ethyl acetate	2.69	*0.278*	9.69	*1.00*	02/10/14	KCA	TO15	1
Ethylbenzene	0.45	*0.230*	1.95	*1.00*	02/10/14	KCA	TO15	
Heptane	3.2	*0.244*	13.1	*1.00*	02/10/14	KCA	TO15	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	02/10/14	KCA	TO15	
Hexane	19.5	*0.284*	68.7	*1.00*	02/10/14	KCA	TO15	
Isopropylalcohol	0.99	*0.407*	2.43	*1.00*	02/10/14	KCA	TO15	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	02/10/14	KCA	TO15	
m,p-Xylene	1.49	*0.230*	6.46	*1.00*	02/10/14	KCA	TO15	
Methyl Ethyl Ketone	4.53	*0.339*	13.4	*1.00*	02/10/14	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	02/10/14	KCA	TO15	
Methylene Chloride	ND	*0.288*	ND	*1.00*	02/10/14	KCA	TO15	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	02/10/14	KCA	TO15	1
o-Xylene	0.71	*0.230*	3.08	*1.00*	02/10/14	KCA	TO15	
Propylene	1.42	*0.581*	2.44	*1.00*	02/10/14	KCA	TO15	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	02/10/14	KCA	TO15	1
Styrene	ND	*0.235*	ND	*1.00*	02/10/14	KCA	TO15	
Tetrachloroethene	1.6	*0.037*	10.8	*0.25*	02/10/14	KCA	TO15	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	02/10/14	KCA	TO15	1
Toluene	3.19	*0.266*	12.0	*1.00*	02/10/14	KCA	TO15	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	02/10/14	KCA	TO15	
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	02/10/14	KCA	TO15	
Trichloroethene	0.06	*0.047*	0.322	*0.25*	02/10/14	KCA	TO15	
Trichlorofluoromethane	0.21	*0.178*	1.18	*1.00*	02/10/14	KCA	TO15	
Trichlorotrifluoroethane	0.21	*0.130*	1.61	*1.00*	02/10/14	KCA	TO15	
Vinyl Chloride	ND	*0.098*	ND	*0.25*	02/10/14	KCA	TO15	
QA/QC Surrogates								
% Bromofluorobenzene	101	%	101	%	02/10/14	KCA	TO15	

Project ID: 840 FULTON ST BKLYN

Client ID: SG-2

Phoenix I.D.: BG07593

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	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.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

February 12, 2014

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

February 12, 2014

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:	AIR	Collected by:		02/06/14	13:26
Location Code:	EBC	Received by:	SW	02/07/14	17:50
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG07592
Phoenix ID: BG07594

Project ID: 840 FULTON ST BKLYN
Client ID: SG-3

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*3.94*	ND	*27.0*	02/11/14	KCA	TO15	1
1,1,1-Trichloroethane	ND	*4.95*	ND	*27.0*	02/11/14	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*3.94*	ND	*27.0*	02/11/14	KCA	TO15	
1,1,2-Trichloroethane	ND	*4.95*	ND	*27.0*	02/11/14	KCA	TO15	
1,1-Dichloroethane	ND	*6.68*	ND	*27.0*	02/11/14	KCA	TO15	
1,1-Dichloroethene	ND	*6.81*	ND	*27.0*	02/11/14	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*3.64*	ND	*27.0*	02/11/14	KCA	TO15	
1,2,4-Trimethylbenzene	ND	*5.50*	ND	*27.0*	02/11/14	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*3.52*	ND	*27.0*	02/11/14	KCA	TO15	
1,2-Dichlorobenzene	ND	*4.49*	ND	*27.0*	02/11/14	KCA	TO15	
1,2-Dichloroethane	ND	*6.68*	ND	*27.0*	02/11/14	KCA	TO15	
1,2-dichloropropane	ND	*5.85*	ND	*27.0*	02/11/14	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*3.86*	ND	*27.0*	02/11/14	KCA	TO15	
1,3,5-Trimethylbenzene	ND	*5.50*	ND	*27.0*	02/11/14	KCA	TO15	
1,3-Butadiene	ND	*12.2*	ND	*27.0*	02/11/14	KCA	TO15	
1,3-Dichlorobenzene	ND	*4.49*	ND	*27.0*	02/11/14	KCA	TO15	
1,4-Dichlorobenzene	ND	*4.49*	ND	*27.0*	02/11/14	KCA	TO15	
1,4-Dioxane	ND	*7.50*	ND	*27.0*	02/11/14	KCA	TO15	
2-Hexanone(MBK)	ND	*6.60*	ND	*27.0*	02/11/14	KCA	TO15	1
4-Ethyltoluene	ND	*5.50*	ND	*27.0*	02/11/14	KCA	TO15	1
4-Isopropyltoluene	ND	*4.92*	ND	*27.0*	02/11/14	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	ND	*6.60*	ND	*27.0*	02/11/14	KCA	TO15	
Acetone	ND	*11.4*	ND	*27.1*	02/11/14	KCA	TO15	
Acrylonitrile	ND	*12.4*	ND	*26.9*	02/11/14	KCA	TO15	
Benzene	ND	*8.46*	ND	*27.0*	02/11/14	KCA	TO15	
Benzyl chloride	ND	*5.22*	ND	*27.0*	02/11/14	KCA	TO15	

Project ID: 840 FULTON ST BKLYN
Client ID: SG-3

Phoenix I.D.: BG07594

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromodichloromethane	ND	*4.03*	ND	*27.0*	02/11/14	KCA	TO15	
Bromoform	ND	*2.61*	ND	*27.0*	02/11/14	KCA	TO15	
Bromomethane	ND	*6.96*	ND	*27.0*	02/11/14	KCA	TO15	
Carbon Disulfide	ND	*8.68*	ND	*27.0*	02/11/14	KCA	TO15	
Carbon Tetrachloride	ND	*1.07*	ND	*6.73*	02/11/14	KCA	TO15	
Chlorobenzene	ND	*5.87*	ND	*27.0*	02/11/14	KCA	TO15	
Chloroethane	ND	*10.2*	ND	*26.9*	02/11/14	KCA	TO15	
Chloroform	ND	*5.53*	ND	*27.0*	02/11/14	KCA	TO15	
Chloromethane	ND	*13.1*	ND	*27.0*	02/11/14	KCA	TO15	
Cis-1,2-Dichloroethene	8.1	*6.81*	32.1	*27.0*	02/11/14	KCA	TO15	
cis-1,3-Dichloropropene	ND	*5.95*	ND	*27.0*	02/11/14	KCA	TO15	
Cyclohexane	3360	*7.85*	11600	*27.0*	02/11/14	KCA	TO15	
Dibromochloromethane	ND	*3.17*	ND	*27.0*	02/11/14	KCA	TO15	
Dichlorodifluoromethane	ND	*5.46*	ND	*27.0*	02/11/14	KCA	TO15	
Ethanol	ND	*14.3*	ND	*26.9*	02/11/14	KCA	TO15	1
Ethyl acetate	ND	*7.50*	ND	*27.0*	02/11/14	KCA	TO15	1
Ethylbenzene	ND	*6.22*	ND	*27.0*	02/11/14	KCA	TO15	
Heptane	ND	*6.59*	ND	*27.0*	02/11/14	KCA	TO15	
Hexachlorobutadiene	ND	*2.53*	ND	*27.0*	02/11/14	KCA	TO15	
Hexane	2170	*7.66*	7640	*27.0*	02/11/14	KCA	TO15	
Isopropylalcohol	ND	*11.0*	ND	*27.0*	02/11/14	KCA	TO15	
Isopropylbenzene	ND	*5.50*	ND	*27.0*	02/11/14	KCA	TO15	
m,p-Xylene	ND	*6.22*	ND	*27.0*	02/11/14	KCA	TO15	
Methyl Ethyl Ketone	ND	*9.16*	ND	*27.0*	02/11/14	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND	*7.49*	ND	*27.0*	02/11/14	KCA	TO15	
Methylene Chloride	ND	*7.78*	ND	*27.0*	02/11/14	KCA	TO15	
n-Butylbenzene	ND	*4.92*	ND	*27.0*	02/11/14	KCA	TO15	1
o-Xylene	ND	*6.22*	ND	*27.0*	02/11/14	KCA	TO15	
Propylene	5930	*15.7*	10200	*27.0*	02/11/14	KCA	TO15	1
sec-Butylbenzene	ND	*4.92*	ND	*27.0*	02/11/14	KCA	TO15	1
Styrene	ND	*6.34*	ND	*27.0*	02/11/14	KCA	TO15	
Tetrachloroethene	4.05	*0.996*	27.4	*6.75*	02/11/14	KCA	TO15	
Tetrahydrofuran	ND	*9.16*	ND	*27.0*	02/11/14	KCA	TO15	1
Toluene	ND	*7.17*	ND	*27.0*	02/11/14	KCA	TO15	
Trans-1,2-Dichloroethene	ND	*6.81*	ND	*27.0*	02/11/14	KCA	TO15	
trans-1,3-Dichloropropene	ND	*5.95*	ND	*27.0*	02/11/14	KCA	TO15	
Trichloroethene	2.43	*1.26*	13.0	*6.77*	02/11/14	KCA	TO15	
Trichlorofluoromethane	ND	*4.81*	ND	*27.0*	02/11/14	KCA	TO15	
Trichlorotrifluoroethane	ND	*3.52*	ND	*27.0*	02/11/14	KCA	TO15	
Vinyl Chloride	ND	*2.64*	ND	*6.74*	02/11/14	KCA	TO15	
QA/QC Surrogates								
% Bromofluorobenzene	108	*%*	108	*%*	02/11/14	KCA	TO15	

Project ID: 840 FULTON ST BKLYN

Client ID: SG-3

Phoenix I.D.: BG07594

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	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 levels due to the concentration of several target compounds.

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

February 12, 2014

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

NY # 11301

Analysis Report

February 12, 2014

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:	AIR	Collected by:		02/06/14	14:30
Location Code:	EBC	Received by:	SW	02/07/14	17:50
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG07592
Phoenix ID: BG07595

Project ID: 840 FULTON ST BKLYN
Client ID: SG-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	02/10/14	KCA	TO15	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	02/10/14	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	02/10/14	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	02/10/14	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	02/10/14	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	02/10/14	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	02/10/14	KCA	TO15	
1,2,4-Trimethylbenzene	0.84	*0.204*	4.13	*1.00*	02/10/14	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	02/10/14	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	02/10/14	KCA	TO15	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	02/10/14	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.00*	02/10/14	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	02/10/14	KCA	TO15	
1,3,5-Trimethylbenzene	0.22	*0.204*	1.08	*1.00*	02/10/14	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	02/10/14	KCA	TO15	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	02/10/14	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	02/10/14	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	02/10/14	KCA	TO15	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	02/10/14	KCA	TO15	1
4-Ethyltoluene	ND	*0.204*	ND	*1.00*	02/10/14	KCA	TO15	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	02/10/14	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	02/10/14	KCA	TO15	
Acetone	59.6	*0.421*	141	*1.00*	02/10/14	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.00*	02/10/14	KCA	TO15	
Benzene	3.93	*0.313*	12.5	*1.00*	02/10/14	KCA	TO15	
Benzyl chloride	ND	*0.193*	ND	*1.00*	02/10/14	KCA	TO15	

Project ID: 840 FULTON ST BKLYN
Client ID: SG-1

Phoenix I.D.: BG07595

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	02/10/14	KCA	TO15	
Bromoform	ND	*0.097*	ND	*1.00*	02/10/14	KCA	TO15	
Bromomethane	ND	*0.258*	ND	*1.00*	02/10/14	KCA	TO15	
Carbon Disulfide	3.47	*0.321*	10.8	*1.00*	02/10/14	KCA	TO15	
Carbon Tetrachloride	ND	*0.040*	ND	*0.25*	02/10/14	KCA	TO15	
Chlorobenzene	ND	*0.217*	ND	*1.00*	02/10/14	KCA	TO15	
Chloroethane	ND	*0.379*	ND	*1.00*	02/10/14	KCA	TO15	
Chloroform	1.21	*0.205*	5.90	*1.00*	02/10/14	KCA	TO15	
Chloromethane	ND	*0.484*	ND	*1.00*	02/10/14	KCA	TO15	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	02/10/14	KCA	TO15	
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	02/10/14	KCA	TO15	
Cyclohexane	1.33	*0.291*	4.58	*1.00*	02/10/14	KCA	TO15	
Dibromochloromethane	ND	*0.117*	ND	*1.00*	02/10/14	KCA	TO15	
Dichlorodifluoromethane	0.68	*0.202*	3.36	*1.00*	02/10/14	KCA	TO15	
Ethanol	13.6	*0.531*	25.6	*1.00*	02/10/14	KCA	TO15	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	02/10/14	KCA	TO15	1
Ethylbenzene	0.45	*0.230*	1.95	*1.00*	02/10/14	KCA	TO15	
Heptane	1.13	*0.244*	4.63	*1.00*	02/10/14	KCA	TO15	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	02/10/14	KCA	TO15	
Hexane	5.99	*0.284*	21.1	*1.00*	02/10/14	KCA	TO15	
Isopropylalcohol	ND	*0.407*	ND	*1.00*	02/10/14	KCA	TO15	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	02/10/14	KCA	TO15	
m,p-Xylene	1.16	*0.230*	5.03	*1.00*	02/10/14	KCA	TO15	
Methyl Ethyl Ketone	3.69	*0.339*	10.9	*1.00*	02/10/14	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	02/10/14	KCA	TO15	
Methylene Chloride	0.3	*0.288*	1.04	*1.00*	02/10/14	KCA	TO15	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	02/10/14	KCA	TO15	1
o-Xylene	0.59	*0.230*	2.56	*1.00*	02/10/14	KCA	TO15	
Propylene	115	*0.581*	198	*1.00*	02/10/14	KCA	TO15	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	02/10/14	KCA	TO15	1
Styrene	ND	*0.235*	ND	*1.00*	02/10/14	KCA	TO15	
Tetrachloroethene	20.5	*0.037*	139	*0.25*	02/10/14	KCA	TO15	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	02/10/14	KCA	TO15	1
Toluene	4.18	*0.266*	15.7	*1.00*	02/10/14	KCA	TO15	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	02/10/14	KCA	TO15	
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	02/10/14	KCA	TO15	
Trichloroethene	8.11	*0.047*	43.6	*0.25*	02/10/14	KCA	TO15	
Trichlorofluoromethane	0.75	*0.178*	4.21	*1.00*	02/10/14	KCA	TO15	
Trichlorotrifluoroethane	ND	*0.130*	ND	*1.00*	02/10/14	KCA	TO15	
Vinyl Chloride	ND	*0.098*	ND	*0.25*	02/10/14	KCA	TO15	
QA/QC Surrogates								
% Bromofluorobenzene	101	%	101	%	02/10/14	KCA	TO15	

Project ID: 840 FULTON ST BKLYN

Client ID: SG-1

Phoenix I.D.: BG07595

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	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.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

February 12, 2014

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

QA/QC Report

February 12, 2014

QA/QC Data

SDG I.D.: GBG07592

QA/QC Batch 266586, QC Sample No: BG07592 (BG07592, BG07593, BG07594, BG07595)

Volatiles

Parameter	Blank ppbv	Blank ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
1,1,1,2-Tetrachloroethane	ND	ND	119	ND	ND	ND	ND	NC	70 - 130	20
1,1,1-Trichloroethane	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
1,1,2-Trichloroethane	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethane	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethene	ND	ND	97	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trichlorobenzene	ND	ND	91	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND	ND	104	5.60	5.60	1.14	1.14	0.0	70 - 130	20
1,2-Dibromoethane(EDB)	ND	ND	109	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorobenzene	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND	ND	105	ND	ND	ND	ND	NC	70 - 130	20
1,2-dichloropropane	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorotetrafluoroethane	ND	ND	120	ND	ND	ND	ND	NC	70 - 130	20
1,3,5-Trimethylbenzene	ND	ND	104	1.82	1.77	0.37	0.36	2.7	70 - 130	20
1,3-Butadiene	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dichlorobenzene	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dioxane	ND	ND	112	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND	ND	110	ND	ND	ND	ND	NC	70 - 130	20
4-Ethyltoluene	ND	ND	106	1.42	1.38	0.29	0.28	3.5	70 - 130	20
4-Isopropyltoluene	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	ND	112	ND	ND	ND	ND	NC	70 - 130	20
Acetone	ND	ND	100	48.0	65.8	20.2	27.7	31.3	70 - 130	20
Acrylonitrile	ND	ND	105	ND	ND	ND	ND	NC	70 - 130	20
Benzene	ND	ND	105	1.40	1.98	0.44	0.62	34.0	70 - 130	20
Benzyl chloride	ND	ND	124	ND	ND	ND	ND	NC	70 - 130	20
Bromodichloromethane	ND	ND	107	ND	ND	ND	ND	NC	70 - 130	20
Bromoform	ND	ND	117	ND	ND	ND	ND	NC	70 - 130	20
Bromomethane	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
Carbon Disulfide	ND	ND	99	1.80	2.52	0.58	0.81	33.1	70 - 130	20
Carbon Tetrachloride	ND	ND	112	ND	0.251	ND	0.04	NC	70 - 130	20
Chlorobenzene	ND	ND	105	ND	ND	ND	ND	NC	70 - 130	20
Chloroethane	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
Chloroform	ND	ND	102	1.02	1.22	0.21	0.25	17.4	70 - 130	20
Chloromethane	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
Cis-1,2-Dichloroethene	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
cis-1,3-Dichloropropene	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
Cyclohexane	ND	ND	108	1.31	1.79	0.38	0.52	31.1	70 - 130	20
Dibromochloromethane	ND	ND	112	ND	ND	ND	ND	NC	70 - 130	20
Dichlorodifluoromethane	ND	ND	107	1.73	2.52	0.35	0.51	37.2	70 - 130	20
Ethanol	ND	ND	78	34.8	48.8	18.5	25.9	33.3	70 - 130	20

QA/QC Data

SDG I.D.: GBG07592

Parameter	Blank ppbv	Blank ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethyl acetate	ND	ND	114	1.58	2.12	0.44	0.59	29.1	70 - 130	20
Ethylbenzene	ND	ND	112	4.82	4.77	1.11	1.1	0.9	70 - 130	20
Heptane	ND	ND	104	21.4	21.0	5.23	5.12	2.1	70 - 130	20
Hexachlorobutadiene	ND	ND	85	ND	ND	ND	ND	NC	70 - 130	20
Hexane	ND	ND	102	4.79	4.93	1.36	1.4	2.9	70 - 130	20
Isopropylalcohol	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
Isopropylbenzene	ND	ND	112	1.47	1.62	0.3	0.33	9.5	70 - 130	20
m,p-Xylene	ND	ND	112	46.4	46.0	10.7	10.6	0.9	70 - 130	20
Methyl Ethyl Ketone	ND	ND	105	1.36	1.86	0.46	0.63	31.2	70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	ND	107	ND	ND	ND	ND	NC	70 - 130	20
Methylene Chloride	ND	ND	89	ND	ND	ND	ND	NC	70 - 130	20
n-Butylbenzene	ND	ND	109	ND	ND	ND	ND	NC	70 - 130	20
o-Xylene	ND	ND	108	18.1	18.4	4.18	4.25	1.7	70 - 130	20
Propylene	ND	ND	110	8.29	12.4	4.82	7.21	39.7	70 - 130	20
sec-Butylbenzene	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
Styrene	ND	ND	112	ND	ND	ND	ND	NC	70 - 130	20
Tetrachloroethene	ND	ND	110	30.4	29.9	4.49	4.41	1.8	70 - 130	20
Tetrahydrofuran	ND	ND	117	ND	ND	ND	ND	NC	70 - 130	20
Toluene	ND	ND	110	15.5	15.4	4.12	4.08	1.0	70 - 130	20
Trans-1,2-Dichloroethene	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
trans-1,3-Dichloropropene	ND	ND	110	ND	ND	ND	ND	NC	70 - 130	20
Trichloroethene	ND	ND	105	0.430	0.430	0.08	0.08	0.0	70 - 130	20
Trichlorofluoromethane	ND	ND	103	ND	1.18	ND	0.21	NC	70 - 130	20
Trichlorotrifluoroethane	ND	ND	98	ND	1.61	ND	0.21	NC	70 - 130	20
Vinyl Chloride	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
% Bromofluorobenzene	105	105	100	102	102	102	102	0.0	70 - 130	20

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

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

Phyllis Shiller, Laboratory Director
February 12, 2014

Sample Criteria Exceedences Report

GBG07592 - EBC

Criteria: None

State: NY

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

*** No Data to Display ***

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

PHOENIX
Environmental Laboratories, Inc.

587 East Niddle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823

CHAIN OF CUSTODY RECORD
AIR ANALYSES

800-827-5426
email: greg@phoenixlabs.com

P.O. #

Page 1 of 1

Data Delivery:
☐ Fax #:
☒ Email: esosikeebecincny.com
☐ Phone #:

Report to:

Customer: EBC

Address:

Invoice to: EBC

Sampled by:

Project Name: 840 Fulton St Bklyn NY

Criteria Requested: Deliverable: RCP ☐ MCP ☐

State where samples collected: NY

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-14	TO-15
		THIS SECTION FOR LAB USE ONLY											MATRIX			ANALYSES	
07592	SG-4	228	6.0	-30		3413	41.6	1154	1404	2-6	-30	-5		X			X
07593	SG-2	371	↓	↓		5651	↓	1145	1325	2-6	-27	-6		X			X
07594	SG3	11287				5660		1149	1326	2-6	-28	-7		X			X
07595	SG-1	12867	↓	↓		5647	↓	1226	1430	2-6	-29	-9.5		X			X

6L 2hr

Relinquished by:	Accepted by:	Date:	Time:
		2-7-14	11:44
		2-7-14	1750

Data Format:
Excel ☒ Equis ☐ GISKey ☐
PDF ☒ Other: ☐

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

Quote Number:

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:

Signature: Date: