PHASE II

SUBSURFACE INVESTIGATION REPORT

OCTOBER 2013

EBC Project No: VHL1102

27-21 44th Drive, 44-18 Purves Street
Long Island City, NY 11101

Block 268, Lots 4, 22, & 23



Prepared for:

44 LIC, LLC
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EBC

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Long Island City, Queens, NY 11101

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1.0 INTRODUCTION

Environmental Business Consultants (EBC) has prepared the following Phase II Subsurface Investigation Report for properties located at 27-21 44th Drive and 44-18 Purves Street (Block 268, Lots 4, 22, 23), in Long Island City, Queens, New York 11101 ("the Site"). The subsurface investigation was conducted to investigate recognized environmental conditions identified in a Phase I Environmental Site Assessment report prepared for Lot 4 by EBC in October 2011 as well as the general environmental condition of Lots 22 and 23. The work was conducted on behalf of 44 LIC LLC to identify and characterize potential contaminants within the surface/subsurface soils and groundwater at the Site to support future redevelopment.

1.1 Site Location and Description

The Site is located in the City of New York and Borough of Brooklyn (Kings County) and is identified as Block 268, Lots 4, 22 and 23. The Site includes three adjoining lots located between Purves Street and 44th Drive with frontage on both streets. Lot 4 is a square shaped lot consisting of 100.4 feet of street frontage on 44th Drive, and a maximum of 98.46 feet deep. Lot 4 is developed with a 1-story warehouse and full walkout cellar that opens to the adjoining lots along Purves Street which is at a lower elevation. The building can be accessed from 44th Drive or from the cellar level through Lots 22 and 23.

Lots 22 and 23 are adjacent rectangular lots each with 25 feet of frontage along Purves Street and are 100 feet deep. Both lots are currently vacant with vegetative cover. The total area of the three lots combined is 14,600 ft^2 (0.335 acres). The property is owned by 44 LIC, LLC.

The area surrounding the subject property consists of a mix of residential and commercial properties. The elevation of the Site is approximately 17 feet above the National Geodetic Vertical Datum (NGVD). The depth to groundwater beneath the Site was encountered at approximately 9 feet below basement level on Lot 4 and below surface grade of Lots 22 and 23. Based on regional groundwater contour maps, groundwater is expected to flow to the west toward the East River.

1.2 Site Background

1.2.1 Phase I Environmental Site Assessment, October 2011

A Phase I Environmental Site Assessment (ESA) was completed by Environmental Business Consultants, in October of 2011 for a portion of the Site (Block 268, Lot 4).

The Phase I report indicated that historical information (DOB records, Sanborn Maps, City Directory listings, and internet search) reviewed for the subject site identified the subject site as being developed in the early 1920's with the one-story building (with full basement) that currently stands at the site. In 1936, the building was used as a first floor parking garage, and the basement was used for storage of furniture. The 1936 Sanborn map shows a gasoline tank in the front of the building. In 1947, the basement was used as a paper warehouse, and the first floor parking garage space was used as a photo chemical warehouse. The gasoline tank is not drawn on the 1947 Sanborn map. The 1970 Sanborn map simply labels the building as commercial or manufacturing in 1960, but city directory listings

provided for 1962 indicate the building was used as an automotive/truck rental facility. All of the Sanborn maps from 1977 to 2006 label the building as an auto body shop, which correlates with the city directory listings and internet findings, which note Tul Mor Auto Service, Inc. in 1970, Alvic Foreign Auto Repair in 1983, NE Auto Repair, Inc. in 2000 and Northeastern Auto Repair, Inc. in the mid 2000's.

EBC concluded that based upon reconnaissance of the subject and surrounding properties, interviews and review of historical records and regulatory agency databases, the following recognized environmental conditions were noted for the site:

- Evidence indicating the presence of a gasoline underground storage tank underneath the concrete slab of the basement floor. The 1936 Sanborn map notes a gasoline tank near the front of the building. A vent pipe indicative of a gasoline tank is visible on the roof of the building near the southern garage door, and the remnants of a concrete dispenser island are visible immediately behind the garage door. The vent pipe was traced to the basement to a patch in the concrete floor.

Based on the age of the gasoline tank (85 years), EBC recommended the following actions:

- A Phase II Subsurface Investigation to include the collection and laboratory analysis of both soil and groundwater samples.
- Remove the gasoline tank and collect endpoint soil samples in accordance with NYS DER 10 / Technical Guidance for Site Investigation and Remediation
- Properly register and deregister the underground storage tank with the NYSDEC by completing and submitting a NYSDEC Petroleum Bulk Storage Application.
- Submit a Tank Removal Affidavit with the New York City Fire Department.
- Submit a Tank Closure Report to the NYSDEC.

Although the Phase I Report did not include recommendations for lots 22 and 23, the environmental history of both lots were evaluated in the Phase I. Lots 22 and 23 were originally developed prior to 1885 as 2 and 3-story residential buildings. From 1936 through 1950 both lots were part of an operation identified as "Controller Manufacturing". From 1970 through 2006 Lot 22 is shown as "welding and Repairs with directory listings that include Rozilda labs, Leather Goods, plating equipment, manufacturing and Artisan Designs. Lot 23 is shown as vacant from 1970 on with a single listing for Russell Cress Co. in 2005. The building on Lot 22 was demolished in 2008 and both lots are vacant.

2.0 SUBSURFACE INVESTIGATION

The field work portion of the Phase II was performed on May 10 and 17, 2013 and consisted of the collection and analysis of soil and groundwater samples. Drilling services were provided by Eastern Environmental Solutions of Manorville, NY. Analytical services were provided by Phoenix Environmental Laboratories (Phoenix) of 587 East Middle Turnpike, Manchester, CT 06040, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11301)

2.1 Soil Sampling

Four soil borings were performed in Lots 22 and 23 to a depth of 20 feet below grade on May 10, 2013. Due to restricted access an additional two borings were performed around the suspect tank in Lot 4 of the Site to a depth of 10 feet below the basement slab on May 17, 2013. The approximate locations of the tank and the soil borings are shown on **Figure 2**.

Soil samples from each soil boring location were collected using a five foot steel dual tube sampler with acetate liners and Geoprobe direct-push equipment. For each of the soil borings, soil samples were collected continuously from grade to the termination depth of the soil boring. Soil cores were field screened for the presence of VOCs with a photo-ionization detector (PID) and visually inspected for evidence of contamination by a qualified environmental professional. Boring logs are provided in **Appendix A**.

During the May 10, 2013 site visit four soil borings were advanced to 20 feet below grade in Lots 22 and 23 (44-18 Purves Street). A sample was retained from the groundwater interface (7-10') of soil boring B1 and B2. A deeper sample was retained (12-15') from soil sample locations B3 and B4. Soil boring B2 exhibited a slight odor and low PID (10-20 ppm) readings around the groundwater interface. Due to limited access to the building basement on Lot 4 no borings were performed on May 10, 2013

An additional two soil borings were performed on May 17, 2013 around the suspect underground storage tank on Lot 4 of the Site. A soil sample was retained from the interval that exhibited the highest degree of contamination (B1(5-8'), B2(4-7')). Both borings showed physical evidence of petroleum contamination with PID readings from 0-400 ppm.

2.1.1 Soil Results

All of 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 Laboratories. Soil sample results were compared to the NYSDEC Part 375-6 Unrestricted Use Cleanup Objectives (UUSCOs) and Restricted Residential Soil Cleanup Objectives (RRSCOs). Analytical data for the soil samples are summarized in **Tables 1** through **2**, and a copy of the laboratory analytical reports are included in **Appendix B**.

VOCs

Only One VOC (n-Propylbenzene) was detected within the soil samples above its corresponding NYSDEC Part 375.6 Unrestricted Soil Cleanup Objectives (USCOs). The compound was detected within soil boring Tank B2. Soil sample B3(12-15') showed detections of cis-1,2-Dichloroethene, Tetrachloroethene, and Trichloroethene, but the levels were below UUSCOs.

SVOCs
No SVOCs were reported above their corresponding UUSCOs in any of the soil samples retained.

2.2 Groundwater Sampling

Following the installation of soil boring B1, B3, B4, Tank B1, and Tank B2, EBC installed a 1-inch diameter temporary PVC monitoring well. A groundwater sample was collected from the temporary monitoring well utilizing disposable polyethylene tubing, and a low-flow peristaltic pump.

The groundwater sample was collected in pre-cleaned, laboratory supplied glassware, stored in a cooler with ice. Groundwater samples GW1, GW3, and GW4 were submitted for analysis of VOCs by EPA Method 8260. Groundwater samples Tank GW1 and Tank GW2 were submitted for analysis of VOCs by EPA Method 8260 and SVOCs by EPA Method 8270 (CP51 List), 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).

2.2.1 Groundwater Sample Results

Groundwater sample results were compared to the water quality standards specified in NYSDEC Groundwater Quality Standards (GQSs). Analytical data for the groundwater samples are summarized in **Tables 3 and 4** and a copy of the laboratory analytical report is provided in **Appendix B.**

VOCs
Several chlorinated VOCs were detected within the groundwater samples collected from locations GW1, GW3, and GW4. In addition, several petroleum VOCs were detected within the groundwater samples collected from locations Tank GW1 and Tank GW2. The findings are summarized below:

GW1	Tetrachloroethene (19 µg/L)
GW3	1,1,1-Trichloroethane (18 µg/L), cis-1,2-Dichloroethene (190 µg/L), Tetrachloroethene (950 µg/L), trans-1,2-Dichloroethene (6.6 µg/L), Trichloroethene (150 µg/L), and Vinyl Chloride (5.6 µg/L).
GW4	1,1,1-Trichloroethane (15 µg/L), cis-1,2-Dichloroethene (130 µg/L), Tetrachloroethene (610 µg/L), trans-1,2-Dichloroethene (14 µg/L), Trichloroethene (90 µg/L), and Vinyl Chloride (5.1 µg/L).
Tank GW1	n-Propylbenzene (21 µg/L).
Tank GW2	Isopropylbenzene (47 µg/L), Naphthalene (66 µg/L), n-Propylbenzene (110 µg/L).

SVOCs
Several SVOCs were detected within the groundwater samples Tank GW1 and Tank GW2. The findings are summarized below:

Tank GW1	Benzo(a)anthracene (11 µg/L), Benzo(b)fluoranthene (13 µg/L), Benzo(k)fluoranthene (5.1 µg/L), Chrsyene (11 µg/L), Indeno(1,2,3-cd)pyrene (5.8 µg/L).
*Tank GW2	Fluoranthene (73 µg/L), Naphthalene (57 µg/L), Phenanthrene (51 µg/L), Pyrene (69 µg/L).

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

3.0 CONCLUSIONS

Subsurface soils at the site are primarily made up of urban fill material to a maximum depth of 4 feet, followed by a silty sand to approximately 15 feet below grade and coarse sand to the boring terminus. The groundwater was encountered at a depth of approximately 9 feet below grade of Lots 22 and 23.

Lots 22 and 23
No VOCs or SVOCs were detected above UUSCOs within any of the soil samples from Lots 22 and 23. Groundwater samples showed concentrations of several chlorinated VOCs above NYSDEC Groundwater Quality Standards including tetrachloroethene (PCE) at a concentration of 950 ug/L. Based on the historic use of the lots for controller manufacturing, leather goods and plating equipment and the chlorinated solvent detections in soil, it's possible that the contaminants are site related.

Lot 4
Elevated concentrations of petroleum VOCs were detected within one soil sample, but only one VOC, n-Propylbenzene, was reported above its respective UUSCO. No SVOCs were detected above UUSCOs within either of the soil samples retained. The groundwater results showed several petroleum VOCs and SVOCs over NYSDEC Groundwater Quality Standards in each sample including n-propylbenzene. Based on field observations and the elevated levels of petroleum VOCs in soil and groundwater in the vicinity of the UST, a spill was reported to the NYSDEC as required by Law (Spill No. 1302045).

4.0 REFERENCES

6 NYCRR Part 375 Environmental Remediation Programs Subparts 375-6

NYSDEC, Division of Water, June 1998, Addendum April 2000, *Technical and Administrative Guidance Series 1:1:1, Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations.*

Environmental Business Consultants, October 2011, *Phase I Environmental Site Assessment, 27-21 44th Drive, Long Island City, NY.*

TABLES

TABLE 1
27-21 44th Drive
Queens, NY
Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B1 (7-10') µg/Kg		B2 (7-10') µg/Kg		B3 (12-15') µg/Kg		B4 (12-15) µg/Kg		TANK B1 (5-8') µg/Kg		TANK B2 (4-7') µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane			ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
1,1,1-Trichloroethane	680	100,000	ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
1,1,2,2-Tetrachloroethane			ND	4.2	ND	4.4	ND	3.2	ND	3.3	ND	7	ND	940
1,1,2-Trichloroethane			ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
1,1-Dichloroethane	270	26,000	ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
1,1-Dichloroethene	330	100,000	ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
1,1-Dichloropropene			ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
1,2,3-Trichlorobenzene			ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
1,2,3-Trichloropropane			ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
1,2,4-Trichlorobenzene			ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
1,2,4-Trimethylbenzene	3,600	52,000	ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
1,2-Dibromo-3-chloropropane			ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
1,2-Dibromoethane			ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
1,2-Dichlorobenzene	1,100	100,000	ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
1,2-Dichloroethane	20	3,100	ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
1,2-Dichloropropane			ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
1,3,5-Trimethylbenzene	8,400	52,000	ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
1,3-Dichlorobenzene	2,400	4,900	ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
1,3-Dichloropropane			ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
1,4-Dichlorobenzene	1,800	13,000	ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
2,2-Dichloropropane			ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
2-Chlorotoluene			ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
2-Hexanone (Methyl Butyl Ketone)			ND	35	ND	36	ND	27	ND	27	ND	58	ND	7,900
2-Isopropyltoluene			ND	7	**12**	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
4-Chlorotoluene			ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
4-Methyl-2-Pentanone			ND	35	ND	36	ND	27	ND	27	ND	58	ND	7,900
Acetone	50	100,000	ND	35	ND	36	ND	27	ND	27	ND	50	ND	31,000
Acrylonitrile			ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
Benzene	60	4,800	ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
Bromobenzene			ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
Bromochloromethane			ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
Bromodichloromethane			ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
Bromoform			ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
Bromomethane			ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
Carbon Disulfide			ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
Carbon tetrachloride	760	2,400	ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
Chlorobenzene	1,100	100,000	ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
Chloroethane			ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
Chloroform	370	49,000	ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
Chloromethane			ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
cis-1,2-Dichloroethene	250	100,000	ND	7	ND	7.3	**90**	5.3	**12**	5.5	ND	12	ND	1,600
cis-1,3-Dichloropropene			ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
Dibromochloromethane			ND	4.2	ND	4.4	ND	3.2	ND	3.3	ND	7	ND	940
Dibromomethane			ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
Dichlorodifluoromethane		100,000	ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
Ethylbenzene	1,000	41,000	ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
Hexachlorobutadiene			ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
Isopropylbenzene			ND	7	ND	7.3	ND	5.3	ND	5.5	**32**	12	**2,000**	1,600
m&p-Xylenes	260		ND	7	ND	7.3	ND	5.3	ND	5.5	**16**	12	ND	1,600
Methyl Ethyl Ketone (2-Butanone)	120	100,000	ND	42	ND	44	ND	32	ND	33	ND	70	ND	9,400
Methyl t-butyl ether (MTBE)	930	100,000	ND	14	ND	15	ND	11	ND	11	ND	23	ND	3,100
Methylene chloride	50	100,000	ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
Naphthalene	12,000		ND	7	**39**	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
n-Butylbenzene	12,000	100,000	ND	7	**21**	7.3	ND	5.3	ND	5.5	**18**	12	**4,000**	1,600
n-Propylbenzene	3,900	100,000	ND	7	ND	7.3	ND	5.3	ND	5.5	**51**	12	**4,500**	1,600
o-Xylene	260	100,000	ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
p-Isopropyltoluene			ND	7	**25**	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
sec-Butylbenzene	11,000	100,000	ND	7	**35**	7.3	ND	5.3	ND	5.5	**18**	12	**1,700**	1,600
Styrene			ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
tert-Butylbenzene	5,900	100,000	ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
Tetrachloroethene	1,300	19,000	ND	7	ND	7.3	**630**	290	**92**	5.5	ND	12	ND	1,600
Tetrahydrofuran (THF)			ND	14	ND	15	ND	11	ND	11	ND	23	ND	3,100
Toluene	700	100,000	ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
Total Xylenes			ND	7	ND	7.3	ND	5.3	ND	5.5	16	12	ND	1,600
trans-1,2-Dichloroethene	190	100,000	ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
trans-1,3-Dichloropropene			ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
trabs-1,4-dichloro-2-butene			ND	14	ND	15	ND	11	ND	11	ND	23	ND	3,100
Trichloroethene	470	21,000	ND	7	ND	7.3	**64**	5.3	**11**	5.5	ND	12	ND	1,600
Trichlorofluoromethane			ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
Trichlorotrifluoroethane			ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
Vinyl Chloride	20	900	ND	7	ND	7.3	ND	5.3	ND	5.5	ND	12	ND	1,600
Total BTEX Concentration			**0.0**		**25.0**		**0.0**		**0.0**		**0.0**		**0.0**	
Total VOCs Concentration			**0.0**		**132.0**		**784.0**		**115.0**		**151.0**		**12200.0**	

Notes:

** - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
ND - Not-detected
RL - Reporting Limit
Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value
Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 2
27-21 44th Drive
Queens, NY
Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B1 (7-10') µg/Kg		B2 (7-10') µg/Kg		B3 (12-15') µg/Kg		B4 (12-15) µg/Kg		TANK B1 (5-8') µg/Kg		TANK B2 (4-7') µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Acenaphthene	20,000	100,000	ND	270	ND	270	ND	270	ND	270	ND	310	ND	3,100
Acenaphthylene	100,000	100,000	ND	270	ND	270	ND	270	ND	270	ND	310	ND	3,100
Anthracene	100,000	100,000	ND	270	ND	270	ND	270	ND	270	ND	310	ND	3,100
Benz(a)anthracene	1,000	1,000	ND	270	ND	270	ND	270	ND	270	**680**	310	ND	3,100
Benzo(a)pyrene	1,000	1,000	ND	270	ND	270	ND	270	ND	270	**580**	310	ND	3,100
Benzo(b)fluoranthene	1,000	1,000	ND	270	ND	270	ND	270	ND	270	**700**	310	ND	3,100
Benzo(ghi)perylene	100,000	100,000	ND	270	ND	270	ND	270	ND	270	**410**	310	ND	3,100
Benzo(k)fluoranthene	800	3,900	ND	270	ND	270	ND	270	ND	270	ND	310	ND	3,100
Chrysene	1,000	3,900	ND	270	ND	270	ND	270	ND	270	**820**	310	ND	3,100
Dibenz(a,h)anthracene	330	330	ND	270	ND	270	ND	270	ND	270	ND	310	ND	3,100
Fluoranthene	100,000	100,000	ND	270	ND	270	ND	270	ND	270	**1,600**	310	ND	3,100
Fluorene	30,000	100,000	ND	270	ND	270	ND	270	ND	270	ND	310	ND	3,100
Indeno(1,2,3-cd)pyrene	500	500	ND	270	ND	270	ND	270	ND	270	ND	310	ND	3,100
Naphthalene	12,000	100,000	ND	270	ND	270	ND	270	ND	270	**310**	310	ND	3,100
Phenanthrene	100,000	100,000	ND	270	ND	270	ND	270	ND	270	**1,100**	310	ND	3,100
Pyrene	100,000	100,000	ND	270	ND	270	ND	270	ND	270	**1,700**	310	ND	3,100

Notes:

* - NYSDEC Technical and Administative Guidance Memorandum 4046, 1994

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

ND - Not-detected

NA - Not Analyzed

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

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

TABLE 3
27-21 44th Drive
Queens, NY
Groundwater Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	GW1		GW3		GW4		TANK GW1		TANK GW2	
	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L	
	µg/L	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane	5	ND	1	ND	1	ND	2	ND	20	ND	40
1,1,1-Trichloroethane	5	ND	1	**18**	1	**15**	2	ND	20	ND	40
1,1,2,2-Tetrachloroethane	5	ND	0.5	ND	0.5	ND	1	ND	10	ND	20
1,1,2-Trichloroethane	1	ND	1	ND	1	ND	2	ND	20	ND	40
1,1-Dichloroethane	5	ND	1	**1.7**	1	**3.1**	2	ND	20	ND	40
1,1-Dichloroethene	5	ND	1	**1.4**	1	ND	2	ND	20	ND	40
1,1-Dichloropropene		ND	1	ND	1	ND	2	ND	20	ND	40
1,2,3-Trichlorobenzene		ND	1	ND	1	ND	2	ND	20	ND	40
1,2,3-Trichloropropane	0.04	ND	1	ND	1	ND	2	ND	20	ND	40
1,2,4-Trichlorobenzene		ND	1	ND	1	ND	2	ND	20	ND	40
1,2,4-Trimethylbenzene	5	ND	1	ND	1	ND	2	ND	20	ND	40
1,2-Dibromo-3-chloropropane	0.04	ND	1	ND	1	ND	2	ND	20	ND	40
1,2-Dichlorobenzene	5	ND	1	ND	1	ND	2	ND	20	ND	40
1,2-Dichloroethane	0.6	ND	1	ND	1	ND	2	ND	20	ND	40
1,2-Dichloropropane	0.94	ND	0.6	ND	0.6	ND	1.2	ND	12	ND	24
1,3,5-Trimethylbenzene	5	ND	1	ND	1	ND	2	ND	20	ND	40
1,2-Dibromoethane		ND	1	ND	1	ND	2	ND	20	ND	40
1,3-Dichlorobenzene	5	ND	1	ND	1	ND	2	ND	20	ND	40
1,3-Dichloropropane	5	ND	1	ND	1	ND	2	ND	20	ND	40
1,4-Dichlorobenzene	5	ND	1	ND	1	ND	2	ND	20	ND	40
2,2-Dichloropropane	5	ND	1	ND	1	ND	2	ND	20	ND	40
2-Chlorotoluene	5	ND	1	ND	1	ND	2	ND	20	ND	40
2-Hexanone (Methyl Butyl Ketone)		ND	5	ND	5	ND	10	ND	100	ND	200
2-Isopropyltoluene	5	ND	1	ND	1	ND	2	ND	20	ND	40
4-Chlorotoluene	5	ND	1	ND	1	ND	2	ND	20	ND	40
4-Methyl-2-Pentanone		ND	5	ND	5	ND	10	ND	100	ND	200
Acetone		ND	25	ND	25	ND	50	ND	500	ND	1,000
Acrylonitrile	5	ND	5	ND	5	ND	10	ND	100	ND	200
Benzene	1	ND	0.7	ND	0.7	ND	1.4	ND	14	ND	28
Bromobenzene	5	ND	1	ND	1	ND	2	ND	20	ND	40
Bromochloromethane	5	ND	1	ND	1	ND	2	ND	20	ND	40
Bromodichloromethane		ND	0.5	ND	0.5	ND	1	ND	10	ND	20
Bromoform		ND	1	ND	1	ND	2	ND	20	ND	40
Bromomethane	5	ND	1	ND	1	ND	2	ND	20	ND	40
Carbon Disulfide	60	ND	5	ND	5	ND	10	ND	100	ND	200
Carbon tetrachloride	5	ND	1	ND	1	ND	2	ND	20	ND	40
Chlorobenzene	5	ND	1	ND	1	ND	2	ND	20	ND	40
Chloroethane	5	ND	1	ND	1	ND	2	ND	20	ND	40
Chloroform	7	ND	1	ND	1	ND	2	ND	20	ND	40
Chloromethane	60	ND	1	ND	1	ND	2	ND	20	ND	40
cis-1,2-Dichloroethene	5	**4.2**	1	**190**	10	**130**	20	ND	20	ND	40
cis-1,3-Dichloropropene		ND	0.5	ND	0.5	ND	1	ND	10	ND	20
Dibromochloromethane		ND	0.5	ND	0.5	ND	1	ND	10	ND	20
Dibromomethane	5	ND	1	ND	1	ND	2	ND	20	ND	40
Dichlorodifluoromethane	5	ND	1	ND	1	ND	2	ND	20	ND	40
Ethylbenzene	5	ND	1	ND	1	ND	2	ND	20	ND	40
Hexachlorobutadiene	0.5	ND	0.4	ND	0.4	ND	0.8	ND	8	ND	16
Isopropylbenzene	5	ND	1	ND	1	ND	2	ND	20	**47**	40
m&p-Xylenes	5	ND	1	ND	1	ND	2	ND	20	ND	40
Methyl Ethyl Ketone (2-Butanone)		ND	5	ND	5	ND	10	ND	100	ND	200
Methyl t-butyl ether (MTBE)	10	ND	1	ND	1	ND	2	ND	20	ND	40
Methylene chloride	5	ND	1	ND	1	ND	2	ND	20	ND	40
Naphthalene	10	ND	1	ND	1	ND	2	ND	20	ND	40
n-Butylbenzene	5	ND	1	ND	1	ND	2	ND	20	**66**	40
n-Propylbenzene	5	ND	1	ND	1	ND	2	**21**	20	**110**	40
o-Xylene	5	ND	1	ND	1	ND	2	ND	20	ND	40
p-Isopropyltoluene		ND	1	ND	1	ND	2	ND	20	ND	40
sec-Butylbenzene	5	ND	1	ND	1	ND	2	ND	20	ND	40
Styrene	5	ND	1	ND	1	ND	2	ND	20	ND	40
tert-Butylbenzene	5	ND	1	ND	1	ND	2	ND	20	ND	40
Tetrachloroethene	5	**19**	1	**950**	50	**610**	20	ND	20	ND	40
Tetrahydrofuran (THF)		ND	2.5	ND	2.5	ND	5	ND	50	ND	100
Toluene	5	**1.8**	1	ND	1	ND	2	ND	20	ND	40
Total Xylenes	5	ND	1	ND	1	ND	2	ND	20	ND	40
trans-1,2-Dichloroethene	5	ND	1	**6.6**	1	**14**	2	ND	20	ND	40
trans-1,3-Dichloropropene	0.4	ND	0.5	ND	0.5	ND	1	ND	10	ND	20
trans-1,4-dichloro-2-butene	5	ND	5	ND	5	ND	10	ND	100	ND	200
Trichloroethene	5	**3.2**	1	**150**	10	**90**	20	ND	20	ND	40
Trichlorofluoromethane	5	ND	1	ND	1	ND	2	ND	20	ND	40
Trichlorotrifluoroethane		ND	1	ND	1	ND	2	ND	20	ND	40
Vinyl Chloride	2	ND	1	**5.6**	1	**5.1**	2	ND	20	ND	40

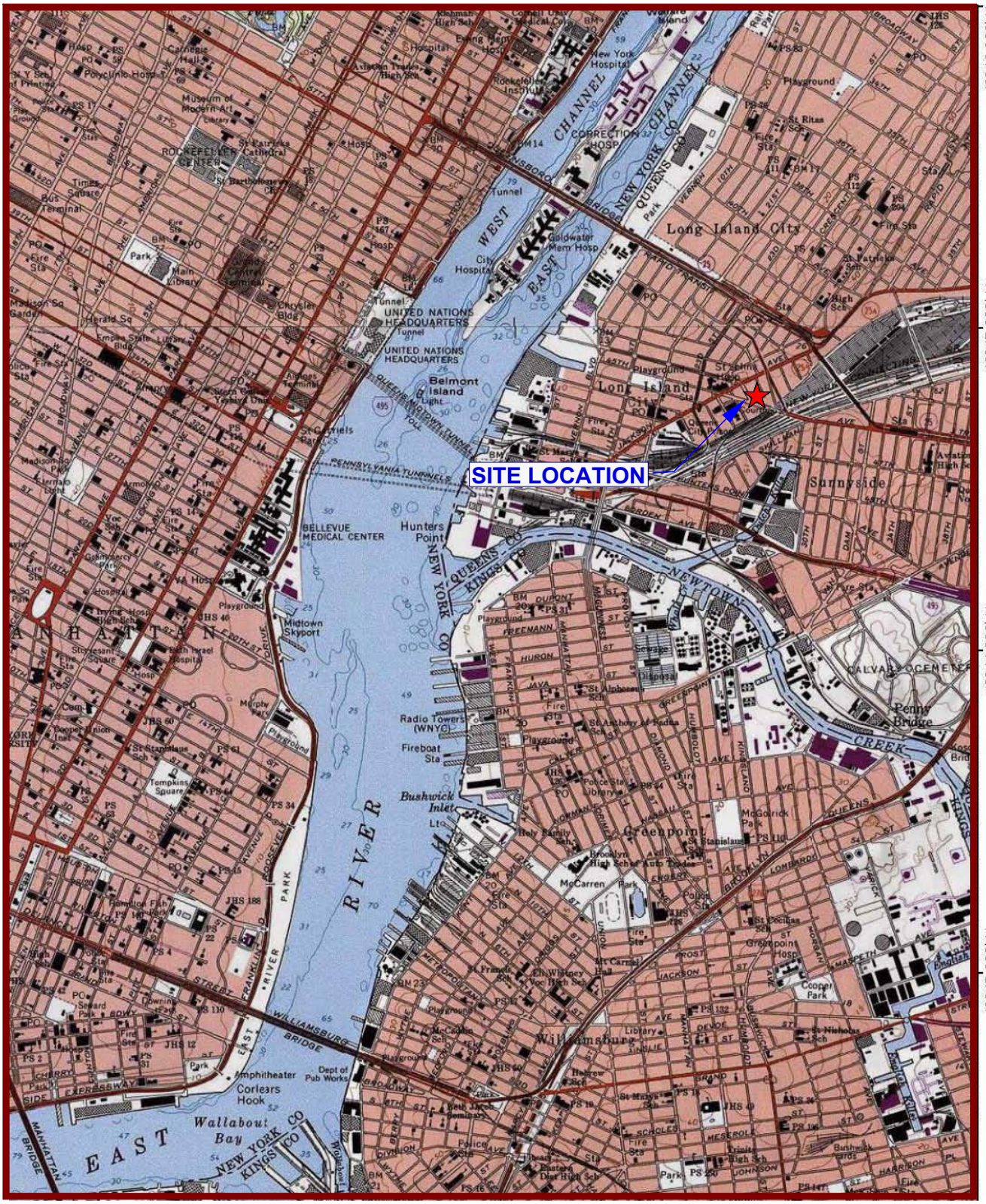
Notes:
ND - Not detected
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 4
27-21 44th Drive
Queens, NY
Groundwater Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards µg/L	TANK GW1 µg/L		TANK GW2 µg/L	
		Result	RL	Result	RL
2-Methylnaphthalene		**0.98**	0.1	ND	*50
Acenaphthene	20	**1.4**	0.1	ND	*50
Acenaphthylene		**1.1**	0.1	ND	*50
Anthracene	50	**4.3**	0.1	ND	*50
Benz(a)anthracene	0.002	**11**	0.02	ND	*50
Benzo(a)pyrene		**11**	0.02	ND	*50
Benzo(b)fluoranthene	0.002	**13**	0.02	ND	*50
Benzo(ghi)perylene		**7.5**	0.1	ND	*50
Benzo(k)fluoranthene	0.002	**5.1**	0.02	ND	*50
Chrysene	0.002	**11**	0.02	ND	*50
Dibenzo(a,h)anthracene		**1.5**	0.01	ND	*50
Fluoranthene	50	**19**	0.1	**73**	*50
Fluorene	50	**1.4**	0.1	ND	*50
Indeno(1,2,3-cd)pyrene	0.002	**5.8**	0.02	ND	*50
Naphthalene	10	**1.5**	0.1	**57**	*50
Phenanthrene	50	**14**	0.07	**51**	*50
Pyrene	50	**21**	0.1	**69**	*50

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

FIGURES

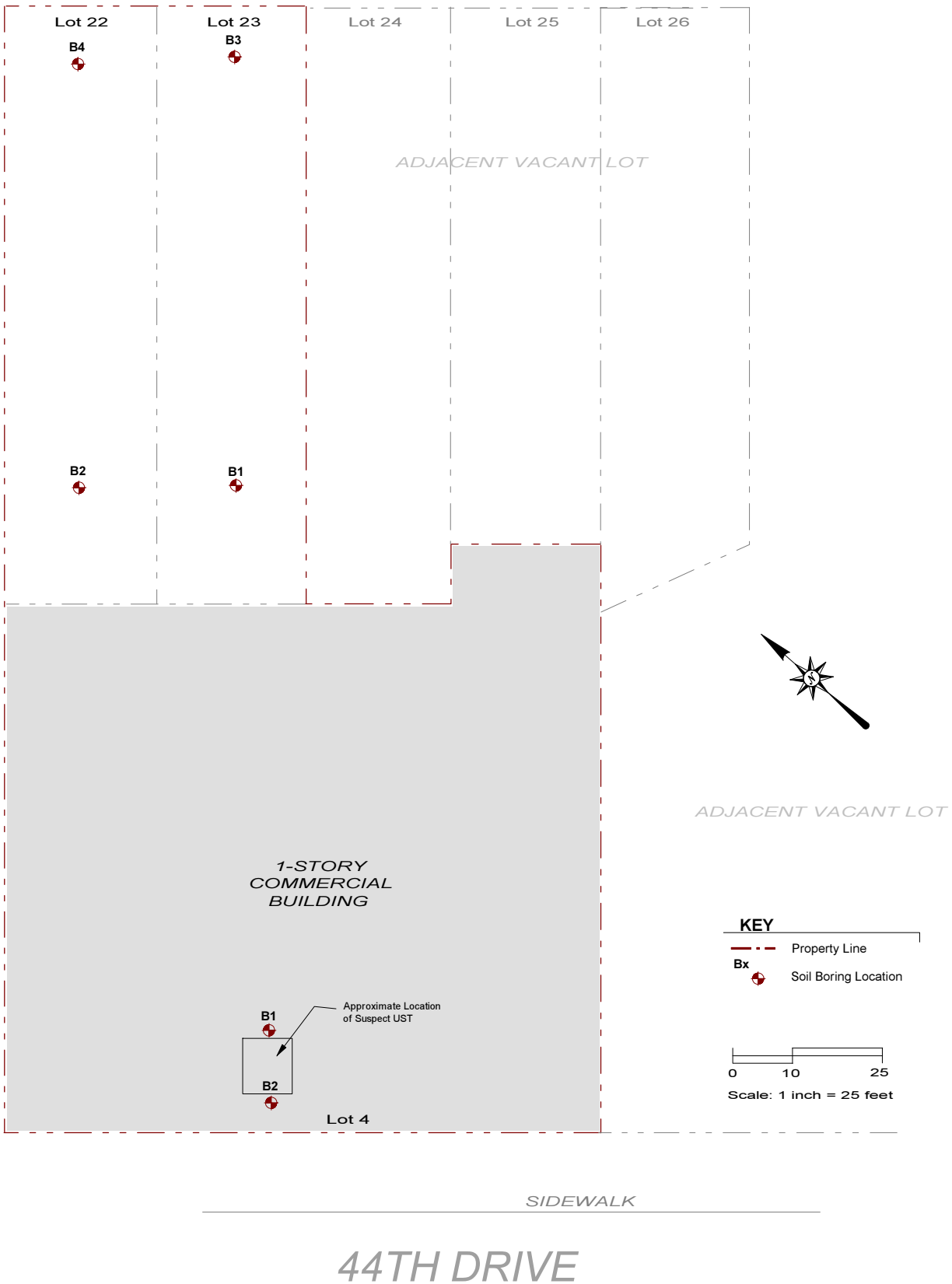


USGS Brooklyn Quadrangle 1995, Contour Interval = 10 feet

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

27-21 44TH DRIVE & 44-18/20 PURVES STREET
LONG ISLAND CITY, NY

FIGURE 1 SITE LOCATION MAP



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

27-21 44TH DRIVE, 44-18 PURVES STREET
QUEENS, NY 11101

FIGURE 2 SITE PLAN

APPENDIX A
SOIL BORING LOGS

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B1 Boring Log

Location: Performed in the rear of Lot 23.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: VHL1102	Address: 27-21 44th Drive, 4418 Purves Street Long Island City, Queens	Date	DTW	Ground Elevation
		Groundwater depth		
Drilling Company: Eastern Environmental Solutions, Inc.	Method: Geoprobe	9 feet		Well Specifications
Date Started: 5/10/2013	Date Completed: 5/10/2013			None
Completion Depth: 20 Feet	Geologist Dominick Mosca			

B1 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	29		0.0	3" - Top soil. 26" - Dark fill material in a firm silty sand matrix.
	to 10	30		0.0	14" - Moist brown silty sand, little to no gravel. No odor, No PID. 16" - Saturated brown, sandy loam. No gravel, No PID, No odor. **Retained Soil Sample B1 (7-10')*
	to 15	32		0.0	12" - Saturated brown silty sand with fine gravel. No odor, No PID. 20" - Coarse sand and gravel. No odor, No PID.
	to 20	18		0.0	18" - Saturated coarse sand and gravel. No PID, no odor.

Geologic Boring Log Details

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

B2 Boring Log

Location: Performed in the rear of Lot 22.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: VHL1102	Address: 27-21 44th Drive, 4418 Purves Street Long Island City, Queens	Date	DTW	Ground Elevation
		Groundwater depth		
Drilling Company: Eastern Environmental Solutions, Inc.	Method: Geoprobe	9 feet		Well Specifications
Date Started: 5/10/2013	Date Completed: 5/10/2013			None
Completion Depth: 20 Feet	Geologist Dominick Mosca			

B2 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	20		0.0	2" - Top soil. 8" - Sandy fill, brick, gravel, dark moist sandy soil. 10" - Fine brown sand with fine gravel and trace silt. No odor, No PID.
	to 10	32		0-50	12" - Fine brown sand and gravel. 12" - Saturated grey sandy loam. Petroleum odor. PID 0-50ppm. 7" - Saturated brown sand with gravel. Slight odor. **Retained Soil Sample B2 (7-10')*
	to 15	42		0.0	20" - Moist, brown to grey fine sandy loam with little to no gravel. No PID, no odor. 20" - Saturated, grey fine silty sand with approximately 10% gravel. No odor, No PID.
	to 20	24		0-3	24" - Saturated brown coarse sand and gravel. Bottom 8" had slight petroleum odor.

Geologic Boring Log Details

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

B3 Boring Log

Location: Performed in the front portion of Lot 23.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: VHL1102	Address: 27-21 44th Drive, 4418 Purves Street Long Island City, Queens	Date	DTW	Ground Elevation
		Groundwater depth		
Drilling Company: Eastern Environmental Solutions, Inc.	Method: Geoprobe	9 feet		Well Specifications
Date Started: 5/10/2013	Date Completed: 5/10/2013			None
Completion Depth: 20 Feet	Geologist Dominick Mosca			

B3 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	35		0.0	1" - Top soil. 6" - Concrete. 5" - Sandy fill material comprised of brick, wood, etc. 23" - Moist, brown silty sand with assorted gravel for the bottom 8".
	to 10	30		0.0	28" - Moist brown sandy clay. No gravel, No PID, No odor. 2" - Saturated silty sand with fine gravel.
	to 15	36		0.0	25" - Saturated brown silty sand and fine gravel. 11" - Dark brown sandy clay, no gravel. PID 0-5ppm, No odor. **Retained Soil Sample B3 (12-15')*
	to 20	30		0.0	25" - Firm, saturated, dark brown clay with no gravel. No odor, No PID. 5" - Coarse sand and gravel. No PID, no odor.

Geologic Boring Log Details

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

B4 Boring Log

Location: Performed in front portion of Lot 22.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: VHL1102	Address: 27-21 44th Drive, 4418 Purves Street Long Island City, Queens	Date	DTW	Ground Elevation
		Groundwater depth		
Drilling Company: Eastern Environmental Solutions, Inc.	Method: Geoprobe	9 feet		Well Specifications
Date Started: 5/10/2013	Date Completed: 5/10/2013			None
Completion Depth: 20 Feet	Geologist Dominick Mosca			

B4 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	40		0.0	4" - Top soil. 36" - Fine brown silty sand with assorted gravel. No PID, no odor.
	to 10	22		0.0	22" - Moist brown silty sand with gravel. No odor, no PID.
	to 15	42		0.0	20" - Moist, brown to grey fine sandy loam with little to no gravel. No PID, no odor. 20" - Saturated, grey fine silty sand with approximately 10% gravel. No odor, No PID. **Retained Soil Sample B4 (12-15')*
	to 20	30		0.0	30" - Saturated medium sand with approx. 50% gravel. No odor, No PID. **Retained Groundwater Sample GW4.*

Geologic Boring Log Details

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

Tank B1 Boring Log

Location: Performed adjacent to the suspect UST (toward Purves Street).			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: VHL1102	Address: 27-21 44th Drive, 4418 Purves Street Long Island City, Queens		Date / DTW	Ground Elevation
			Groundwater depth	
Drilling Company: Eastern Environmental Solutions, Inc.	Method: Geoprobe		9 feet	Well Specifications
Date Started: 5/12/2013	Date Completed: 5/12/2013			None
Completion Depth: 10 Feet	Geologist Dominick Mosca			

Tank B1 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	50		200.0	30" - Fill material. 20" - Saturated silty sand. Stained black, heavy petroleum odor. PID 100-200ppm.
	to 10	50		300.0	50" - Saturated silty sand with fine gravel. Stained black with heavy petroleum odor, PID 0-300ppm. *Retained Soil Sample B1 (5-7')*

Geologic Boring Log Details

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

Tank B2 Boring Log

Location: Performed toward the rear wall.			Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: VHL1102	Address: 27-21 44th Drive, 4418 Purves Street Long Island City, Queens		Date	DTW	Ground Elevation
			Groundwater depth		
Drilling Company: Eastern Environmental Solutions, Inc.	Method: Geoprobe		9 feet		Well Specifications
Date Started: 5/12/2013	Date Completed: 5/12/2013				None
Completion Depth: 10 Feet	Geologist Dominick Mosca				

Tank B2 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to	35		0-10	15" - Concrete 10" - Dark brown silty sand with gravel. Slight petroleum odor.
	5				
	to	40		280.0	40" - Stained black silty sand with fine gravel. PID 100-280ppm. **Retained Soil Sample B2 (5-7')*
	10				

APPENDIX B
LABORATORY REPORTS

PHOENIX
Environmental Laboratories, Inc.

Monday, May 20, 2013

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

Project ID: 4416-4418 PURVES ST.
Sample ID#s: BD71472 - BD71478

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

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

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

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

Sincerely yours,

Phyllis Shiller

Laboratory Director

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

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

SDG Comments

May 20, 2013

SDG I.D.: GBD71472

BD71476 - The pH in the preserved vial was greater than 2.

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 20, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/10/13	0:00
Location Code:	EBC	Received by:	LB	05/13/13	17:14
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD71472
Phoenix ID: BD71472

Project ID: 4416-4418 PURVES ST.
Client ID: B1 7-10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	85		%	05/13/13	JL	E160.3
Soil Extraction SVOA PAH	Completed			05/13/13	BJ/V	SW3545
Field Extraction	Completed			05/10/13		SW5035
Volatiles						
1,1,1,2-Tetrachloroethane	ND	7.0	ug/Kg	05/15/13	R/J	SW8260
1,1,1-Trichloroethane	ND	7.0	ug/Kg	05/15/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	4.2	ug/Kg	05/15/13	R/J	SW8260
1,1,2-Trichloroethane	ND	7.0	ug/Kg	05/15/13	R/J	SW8260
1,1-Dichloroethane	ND	7.0	ug/Kg	05/15/13	R/J	SW8260
1,1-Dichloroethene	ND	7.0	ug/Kg	05/15/13	R/J	SW8260
1,1-Dichloropropene	ND	7.0	ug/Kg	05/15/13	R/J	SW8260
1,2,3-Trichlorobenzene	ND	7.0	ug/Kg	05/15/13	R/J	SW8260
1,2,3-Trichloropropane	ND	7.0	ug/Kg	05/15/13	R/J	SW8260
1,2,4-Trichlorobenzene	ND	7.0	ug/Kg	05/15/13	R/J	SW8260
1,2,4-Trimethylbenzene	ND	7.0	ug/Kg	05/15/13	R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	7.0	ug/Kg	05/15/13	R/J	SW8260
1,2-Dibromoethane	ND	7.0	ug/Kg	05/15/13	R/J	SW8260
1,2-Dichlorobenzene	ND	7.0	ug/Kg	05/15/13	R/J	SW8260
1,2-Dichloroethane	ND	7.0	ug/Kg	05/15/13	R/J	SW8260
1,2-Dichloropropane	ND	7.0	ug/Kg	05/15/13	R/J	SW8260
1,3,5-Trimethylbenzene	ND	7.0	ug/Kg	05/15/13	R/J	SW8260
1,3-Dichlorobenzene	ND	7.0	ug/Kg	05/15/13	R/J	SW8260
1,3-Dichloropropane	ND	7.0	ug/Kg	05/15/13	R/J	SW8260
1,4-Dichlorobenzene	ND	7.0	ug/Kg	05/15/13	R/J	SW8260
2,2-Dichloropropane	ND	7.0	ug/Kg	05/15/13	R/J	SW8260
2-Chlorotoluene	ND	7.0	ug/Kg	05/15/13	R/J	SW8260
2-Hexanone	ND	35	ug/Kg	05/15/13	R/J	SW8260
2-Isopropyltoluene	ND	7.0	ug/Kg	05/15/13	R/J	SW8260

Project ID: 4416-4418 PURVES ST.
Client ID: B1 7-10

Phoenix I.D.: BD71472

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Chlorotoluene	ND	7.0	ug/Kg	05/15/13	R/J	SW8260	
4-Methyl-2-pentanone	ND	35	ug/Kg	05/15/13	R/J	SW8260	
Acetone	ND	35	ug/Kg	05/15/13	R/J	SW8260	
Acrylonitrile	ND	7.0	ug/Kg	05/15/13	R/J	SW8260	
Benzene	ND	7.0	ug/Kg	05/15/13	R/J	SW8260	
Bromobenzene	ND	7.0	ug/Kg	05/15/13	R/J	SW8260	
Bromochloromethane	ND	7.0	ug/Kg	05/15/13	R/J	SW8260	
Bromodichloromethane	ND	7.0	ug/Kg	05/15/13	R/J	SW8260	
Bromoform	ND	7.0	ug/Kg	05/15/13	R/J	SW8260	
Bromomethane	ND	7.0	ug/Kg	05/15/13	R/J	SW8260	
Carbon Disulfide	ND	7.0	ug/Kg	05/15/13	R/J	SW8260	
Carbon tetrachloride	ND	7.0	ug/Kg	05/15/13	R/J	SW8260	
Chlorobenzene	ND	7.0	ug/Kg	05/15/13	R/J	SW8260	
Chloroethane	ND	7.0	ug/Kg	05/15/13	R/J	SW8260	
Chloroform	ND	7.0	ug/Kg	05/15/13	R/J	SW8260	
Chloromethane	ND	7.0	ug/Kg	05/15/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND	7.0	ug/Kg	05/15/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND	7.0	ug/Kg	05/15/13	R/J	SW8260	1
Dibromochloromethane	ND	4.2	ug/Kg	05/15/13	R/J	SW8260	
Dibromomethane	ND	7.0	ug/Kg	05/15/13	R/J	SW8260	
Dichlorodifluoromethane	ND	7.0	ug/Kg	05/15/13	R/J	SW8260	
Ethylbenzene	ND	7.0	ug/Kg	05/15/13	R/J	SW8260	
Hexachlorobutadiene	ND	7.0	ug/Kg	05/15/13	R/J	SW8260	
Isopropylbenzene	ND	7.0	ug/Kg	05/15/13	R/J	SW8260	
m&p-Xylene	ND	7.0	ug/Kg	05/15/13	R/J	SW8260	
Methyl Ethyl Ketone	ND	42	ug/Kg	05/15/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	14	ug/Kg	05/15/13	R/J	SW8260	
Methylene chloride	ND	7.0	ug/Kg	05/15/13	R/J	SW8260	
Naphthalene	ND	7.0	ug/Kg	05/15/13	R/J	SW8260	
n-Butylbenzene	ND	7.0	ug/Kg	05/15/13	R/J	SW8260	
n-Propylbenzene	ND	7.0	ug/Kg	05/15/13	R/J	SW8260	
o-Xylene	ND	7.0	ug/Kg	05/15/13	R/J	SW8260	
p-Isopropyltoluene	ND	7.0	ug/Kg	05/15/13	R/J	SW8260	
sec-Butylbenzene	ND	7.0	ug/Kg	05/15/13	R/J	SW8260	
Styrene	ND	7.0	ug/Kg	05/15/13	R/J	SW8260	
tert-Butylbenzene	ND	7.0	ug/Kg	05/15/13	R/J	SW8260	
Tetrachloroethene	ND	7.0	ug/Kg	05/15/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND	14	ug/Kg	05/15/13	R/J	SW8260	1
Toluene	ND	7.0	ug/Kg	05/15/13	R/J	SW8260	
Total Xylenes	ND	7.0	ug/Kg	05/15/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND	7.0	ug/Kg	05/15/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND	7.0	ug/Kg	05/15/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	14	ug/Kg	05/15/13	R/J	SW8260	
Trichloroethene	ND	7.0	ug/Kg	05/15/13	R/J	SW8260	
Trichlorofluoromethane	ND	7.0	ug/Kg	05/15/13	R/J	SW8260	
Trichlorotrifluoroethane	ND	7.0	ug/Kg	05/15/13	R/J	SW8260	
Vinyl chloride	ND	7.0	ug/Kg	05/15/13	R/J	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	05/15/13	R/J	70 - 130 %	
% Bromofluorobenzene	90		%	05/15/13	R/J	70 - 130 %	

Project ID: 4416-4418 PURVES ST. Phoenix I.D.: BD71472
Client ID: B1 7-10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Dibromofluoromethane	104		%	05/15/13	R/J	70 - 130 %
% Toluene-d8	94		%	05/15/13	R/J	70 - 130 %
Semivolatiles-STARS/CP-51						
Acenaphthene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Acenaphthylene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Anthracene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Benz(a)anthracene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Benzo(a)pyrene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Benzo(b)fluoranthene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Benzo(ghi)perylene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Benzo(k)fluoranthene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Chrysene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Dibenz(a,h)anthracene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Fluoranthene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Fluorene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Naphthalene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Phenanthrene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Pyrene	ND	270	ug/Kg	05/16/13	DD	SW 8270
QA/QC Surrogates						
% 2-Fluorobiphenyl	95		%	05/16/13	DD	30 - 130 %
% Nitrobenzene-d5	94		%	05/16/13	DD	30 - 130 %
% Terphenyl-d14	104		%	05/16/13	DD	30 - 130 %

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

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

Comments:

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
May 20, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

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

Analysis Report

May 20, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/10/13	0:00
Location Code:	EBC	Received by:	LB	05/13/13	17:14
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD71472
Phoenix ID: BD71473

Project ID: 4416-4418 PURVES ST.
Client ID: B2 7-10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	83		%	05/13/13	JL	E160.3
Soil Extraction SVOA PAH	Completed			05/13/13	BJ/V	SW3545
Field Extraction	Completed			05/10/13		SW5035
Volatiles						
1,1,1,2-Tetrachloroethane	ND	7.3	ug/Kg	05/15/13	R/J	SW8260
1,1,1-Trichloroethane	ND	7.3	ug/Kg	05/15/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	4.4	ug/Kg	05/15/13	R/J	SW8260
1,1,2-Trichloroethane	ND	7.3	ug/Kg	05/15/13	R/J	SW8260
1,1-Dichloroethane	ND	7.3	ug/Kg	05/15/13	R/J	SW8260
1,1-Dichloroethene	ND	7.3	ug/Kg	05/15/13	R/J	SW8260
1,1-Dichloropropene	ND	7.3	ug/Kg	05/15/13	R/J	SW8260
1,2,3-Trichlorobenzene	ND	7.3	ug/Kg	05/15/13	R/J	SW8260
1,2,3-Trichloropropane	ND	7.3	ug/Kg	05/15/13	R/J	SW8260
1,2,4-Trichlorobenzene	ND	7.3	ug/Kg	05/15/13	R/J	SW8260
1,2,4-Trimethylbenzene	ND	7.3	ug/Kg	05/15/13	R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	7.3	ug/Kg	05/15/13	R/J	SW8260
1,2-Dibromoethane	ND	7.3	ug/Kg	05/15/13	R/J	SW8260
1,2-Dichlorobenzene	ND	7.3	ug/Kg	05/15/13	R/J	SW8260
1,2-Dichloroethane	ND	7.3	ug/Kg	05/15/13	R/J	SW8260
1,2-Dichloropropane	ND	7.3	ug/Kg	05/15/13	R/J	SW8260
1,3,5-Trimethylbenzene	ND	7.3	ug/Kg	05/15/13	R/J	SW8260
1,3-Dichlorobenzene	ND	7.3	ug/Kg	05/15/13	R/J	SW8260
1,3-Dichloropropane	ND	7.3	ug/Kg	05/15/13	R/J	SW8260
1,4-Dichlorobenzene	ND	7.3	ug/Kg	05/15/13	R/J	SW8260
2,2-Dichloropropane	ND	7.3	ug/Kg	05/15/13	R/J	SW8260
2-Chlorotoluene	ND	7.3	ug/Kg	05/15/13	R/J	SW8260
2-Hexanone	ND	36	ug/Kg	05/15/13	R/J	SW8260
2-Isopropyltoluene	12	7.3	ug/Kg	05/15/13	R/J	SW8260

Project ID: 4416-4418 PURVES ST.
Client ID: B2 7-10

Phoenix I.D.: BD71473

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Chlorotoluene	ND	7.3	ug/Kg	05/15/13	R/J	SW8260	
4-Methyl-2-pentanone	ND	36	ug/Kg	05/15/13	R/J	SW8260	
Acetone	ND	36	ug/Kg	05/15/13	R/J	SW8260	
Acrylonitrile	ND	7.3	ug/Kg	05/15/13	R/J	SW8260	
Benzene	ND	7.3	ug/Kg	05/15/13	R/J	SW8260	
Bromobenzene	ND	7.3	ug/Kg	05/15/13	R/J	SW8260	
Bromochloromethane	ND	7.3	ug/Kg	05/15/13	R/J	SW8260	
Bromodichloromethane	ND	7.3	ug/Kg	05/15/13	R/J	SW8260	
Bromoform	ND	7.3	ug/Kg	05/15/13	R/J	SW8260	
Bromomethane	ND	7.3	ug/Kg	05/15/13	R/J	SW8260	
Carbon Disulfide	ND	7.3	ug/Kg	05/15/13	R/J	SW8260	
Carbon tetrachloride	ND	7.3	ug/Kg	05/15/13	R/J	SW8260	
Chlorobenzene	ND	7.3	ug/Kg	05/15/13	R/J	SW8260	
Chloroethane	ND	7.3	ug/Kg	05/15/13	R/J	SW8260	
Chloroform	ND	7.3	ug/Kg	05/15/13	R/J	SW8260	
Chloromethane	ND	7.3	ug/Kg	05/15/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND	7.3	ug/Kg	05/15/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND	7.3	ug/Kg	05/15/13	R/J	SW8260	1
Dibromochloromethane	ND	4.4	ug/Kg	05/15/13	R/J	SW8260	
Dibromomethane	ND	7.3	ug/Kg	05/15/13	R/J	SW8260	
Dichlorodifluoromethane	ND	7.3	ug/Kg	05/15/13	R/J	SW8260	
Ethylbenzene	ND	7.3	ug/Kg	05/15/13	R/J	SW8260	
Hexachlorobutadiene	ND	7.3	ug/Kg	05/15/13	R/J	SW8260	
Isopropylbenzene	ND	7.3	ug/Kg	05/15/13	R/J	SW8260	
m&p-Xylene	ND	7.3	ug/Kg	05/15/13	R/J	SW8260	
Methyl Ethyl Ketone	ND	44	ug/Kg	05/15/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	15	ug/Kg	05/15/13	R/J	SW8260	
Methylene chloride	ND	7.3	ug/Kg	05/15/13	R/J	SW8260	
Naphthalene	39	7.3	ug/Kg	05/15/13	R/J	SW8260	
n-Butylbenzene	21	7.3	ug/Kg	05/15/13	R/J	SW8260	
n-Propylbenzene	ND	7.3	ug/Kg	05/15/13	R/J	SW8260	
o-Xylene	ND	7.3	ug/Kg	05/15/13	R/J	SW8260	
p-Isopropyltoluene	25	7.3	ug/Kg	05/15/13	R/J	SW8260	
sec-Butylbenzene	35	7.3	ug/Kg	05/15/13	R/J	SW8260	
Styrene	ND	7.3	ug/Kg	05/15/13	R/J	SW8260	
tert-Butylbenzene	ND	7.3	ug/Kg	05/15/13	R/J	SW8260	
Tetrachloroethene	ND	7.3	ug/Kg	05/15/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND	15	ug/Kg	05/15/13	R/J	SW8260	1
Toluene	ND	7.3	ug/Kg	05/15/13	R/J	SW8260	
Total Xylenes	ND	7.3	ug/Kg	05/15/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND	7.3	ug/Kg	05/15/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND	7.3	ug/Kg	05/15/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	15	ug/Kg	05/15/13	R/J	SW8260	
Trichloroethene	ND	7.3	ug/Kg	05/15/13	R/J	SW8260	
Trichlorofluoromethane	ND	7.3	ug/Kg	05/15/13	R/J	SW8260	
Trichlorotrifluoroethane	ND	7.3	ug/Kg	05/15/13	R/J	SW8260	
Vinyl chloride	ND	7.3	ug/Kg	05/15/13	R/J	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	87		%	05/15/13	R/J	70 - 130 %	
% Bromofluorobenzene	108		%	05/15/13	R/J	70 - 130 %	

Project ID: 4416-4418 PURVES ST. Phoenix I.D.: BD71473
Client ID: B2 7-10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Dibromofluoromethane	101		%	05/15/13	R/J	70 - 130 %
% Toluene-d8	94		%	05/15/13	R/J	70 - 130 %
Semivolatiles-STARS/CP-51						
Acenaphthene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Acenaphthylene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Anthracene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Benz(a)anthracene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Benzo(a)pyrene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Benzo(b)fluoranthene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Benzo(ghi)perylene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Benzo(k)fluoranthene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Chrysene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Dibenz(a,h)anthracene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Fluoranthene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Fluorene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Naphthalene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Phenanthrene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Pyrene	ND	270	ug/Kg	05/16/13	DD	SW 8270
QA/QC Surrogates						
% 2-Fluorobiphenyl	37		%	05/16/13	DD	30 - 130 %
% Nitrobenzene-d5	40		%	05/16/13	DD	30 - 130 %
% Terphenyl-d14	47		%	05/16/13	DD	30 - 130 %

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

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

Comments:

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
May 20, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 20, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/10/13	0:00
Location Code:	EBC	Received by:	LB	05/13/13	17:14
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD71472
Phoenix ID: BD71474

Project ID: 4416-4418 PURVES ST.
Client ID: B3 12-15

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	05/13/13	JL	E160.3
Soil Extraction SVOA PAH	Completed			05/13/13	BJ/V	SW3545
Field Extraction	Completed			05/10/13		SW5035
Volatiles						
1,1,1,2-Tetrachloroethane	ND	5.3	ug/Kg	05/15/13	R/J	SW8260
1,1,1-Trichloroethane	ND	5.3	ug/Kg	05/15/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	3.2	ug/Kg	05/15/13	R/J	SW8260
1,1,2-Trichloroethane	ND	5.3	ug/Kg	05/15/13	R/J	SW8260
1,1-Dichloroethane	ND	5.3	ug/Kg	05/15/13	R/J	SW8260
1,1-Dichloroethene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260
1,1-Dichloropropene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260
1,2,3-Trichloropropane	ND	5.3	ug/Kg	05/15/13	R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.3	ug/Kg	05/15/13	R/J	SW8260
1,2-Dibromoethane	ND	5.3	ug/Kg	05/15/13	R/J	SW8260
1,2-Dichlorobenzene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260
1,2-Dichloroethane	ND	5.3	ug/Kg	05/15/13	R/J	SW8260
1,2-Dichloropropane	ND	5.3	ug/Kg	05/15/13	R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260
1,3-Dichlorobenzene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260
1,3-Dichloropropane	ND	5.3	ug/Kg	05/15/13	R/J	SW8260
1,4-Dichlorobenzene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260
2,2-Dichloropropane	ND	5.3	ug/Kg	05/15/13	R/J	SW8260
2-Chlorotoluene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260
2-Hexanone	ND	27	ug/Kg	05/15/13	R/J	SW8260
2-Isopropyltoluene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260

Project ID: 4416-4418 PURVES ST.
Client ID: B3 12-15

Phoenix I.D.: BD71474

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Chlorotoluene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
4-Methyl-2-pentanone	ND	27	ug/Kg	05/15/13	R/J	SW8260	
Acetone	ND	27	ug/Kg	05/15/13	R/J	SW8260	
Acrylonitrile	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Benzene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Bromobenzene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Bromochloromethane	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Bromodichloromethane	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Bromoform	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Bromomethane	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Carbon Disulfide	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Carbon tetrachloride	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Chlorobenzene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Chloroethane	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Chloroform	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Chloromethane	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
cis-1,2-Dichloroethene	90	5.3	ug/Kg	05/15/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	1
Dibromochloromethane	ND	3.2	ug/Kg	05/15/13	R/J	SW8260	
Dibromomethane	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Dichlorodifluoromethane	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Ethylbenzene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Hexachlorobutadiene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Isopropylbenzene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
m&p-Xylene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Methyl Ethyl Ketone	ND	32	ug/Kg	05/15/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	05/15/13	R/J	SW8260	
Methylene chloride	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Naphthalene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
n-Butylbenzene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
n-Propylbenzene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
o-Xylene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
p-Isopropyltoluene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
sec-Butylbenzene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Styrene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
tert-Butylbenzene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Tetrachloroethene	630	290	ug/Kg	05/15/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND	11	ug/Kg	05/15/13	R/J	SW8260	1
Toluene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Total Xylenes	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	05/15/13	R/J	SW8260	
Trichloroethene	64	5.3	ug/Kg	05/15/13	R/J	SW8260	
Trichlorofluoromethane	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Trichlorotrifluoroethane	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Vinyl chloride	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	05/15/13	R/J	70 - 130 %	
% Bromofluorobenzene	97		%	05/15/13	R/J	70 - 130 %	

Project ID: 4416-4418 PURVES ST. Phoenix I.D.: BD71474
Client ID: B3 12-15

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Dibromofluoromethane	101		%	05/15/13	R/J	70 - 130 %
% Toluene-d8	92		%	05/15/13	R/J	70 - 130 %
Semivolatiles-STARS/CP-51						
Acenaphthene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Acenaphthylene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Anthracene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Benz(a)anthracene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Benzo(a)pyrene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Benzo(b)fluoranthene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Benzo(ghi)perylene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Benzo(k)fluoranthene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Chrysene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Dibenz(a,h)anthracene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Fluoranthene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Fluorene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Naphthalene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Phenanthrene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Pyrene	ND	270	ug/Kg	05/16/13	DD	SW 8270
QA/QC Surrogates						
% 2-Fluorobiphenyl	87		%	05/16/13	DD	30 - 130 %
% Nitrobenzene-d5	86		%	05/16/13	DD	30 - 130 %
% Terphenyl-d14	96		%	05/16/13	DD	30 - 130 %

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

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

Comments:

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
May 20, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

Analysis Report

May 20, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/10/13	0:00
Location Code:	EBC	Received by:	LB	05/13/13	17:14
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD71472
Phoenix ID: BD71475

Project ID: 4416-4418 PURVES ST.
Client ID: B4 12-15

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	85		%	05/13/13	JL	E160.3
Soil Extraction SVOA PAH	Completed			05/13/13	BJ/V	SW3545
Field Extraction	Completed			05/10/13		SW5035
Volatiles						
1,1,1,2-Tetrachloroethane	ND	5.5	ug/Kg	05/15/13	R/J	SW8260
1,1,1-Trichloroethane	ND	5.5	ug/Kg	05/15/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	3.3	ug/Kg	05/15/13	R/J	SW8260
1,1,2-Trichloroethane	ND	5.5	ug/Kg	05/15/13	R/J	SW8260
1,1-Dichloroethane	ND	5.5	ug/Kg	05/15/13	R/J	SW8260
1,1-Dichloroethene	ND	5.5	ug/Kg	05/15/13	R/J	SW8260
1,1-Dichloropropene	ND	5.5	ug/Kg	05/15/13	R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.5	ug/Kg	05/15/13	R/J	SW8260
1,2,3-Trichloropropane	ND	5.5	ug/Kg	05/15/13	R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.5	ug/Kg	05/15/13	R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.5	ug/Kg	05/15/13	R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.5	ug/Kg	05/15/13	R/J	SW8260
1,2-Dibromoethane	ND	5.5	ug/Kg	05/15/13	R/J	SW8260
1,2-Dichlorobenzene	ND	5.5	ug/Kg	05/15/13	R/J	SW8260
1,2-Dichloroethane	ND	5.5	ug/Kg	05/15/13	R/J	SW8260
1,2-Dichloropropane	ND	5.5	ug/Kg	05/15/13	R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.5	ug/Kg	05/15/13	R/J	SW8260
1,3-Dichlorobenzene	ND	5.5	ug/Kg	05/15/13	R/J	SW8260
1,3-Dichloropropane	ND	5.5	ug/Kg	05/15/13	R/J	SW8260
1,4-Dichlorobenzene	ND	5.5	ug/Kg	05/15/13	R/J	SW8260
2,2-Dichloropropane	ND	5.5	ug/Kg	05/15/13	R/J	SW8260
2-Chlorotoluene	ND	5.5	ug/Kg	05/15/13	R/J	SW8260
2-Hexanone	ND	27	ug/Kg	05/15/13	R/J	SW8260
2-Isopropyltoluene	ND	5.5	ug/Kg	05/15/13	R/J	SW8260

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Chlorotoluene	ND	5.5	ug/Kg	05/15/13	R/J	SW8260	
4-Methyl-2-pentanone	ND	27	ug/Kg	05/15/13	R/J	SW8260	
Acetone	ND	27	ug/Kg	05/15/13	R/J	SW8260	
Acrylonitrile	ND	5.5	ug/Kg	05/15/13	R/J	SW8260	
Benzene	ND	5.5	ug/Kg	05/15/13	R/J	SW8260	
Bromobenzene	ND	5.5	ug/Kg	05/15/13	R/J	SW8260	
Bromochloromethane	ND	5.5	ug/Kg	05/15/13	R/J	SW8260	
Bromodichloromethane	ND	5.5	ug/Kg	05/15/13	R/J	SW8260	
Bromoform	ND	5.5	ug/Kg	05/15/13	R/J	SW8260	
Bromomethane	ND	5.5	ug/Kg	05/15/13	R/J	SW8260	
Carbon Disulfide	ND	5.5	ug/Kg	05/15/13	R/J	SW8260	
Carbon tetrachloride	ND	5.5	ug/Kg	05/15/13	R/J	SW8260	
Chlorobenzene	ND	5.5	ug/Kg	05/15/13	R/J	SW8260	
Chloroethane	ND	5.5	ug/Kg	05/15/13	R/J	SW8260	
Chloroform	ND	5.5	ug/Kg	05/15/13	R/J	SW8260	
Chloromethane	ND	5.5	ug/Kg	05/15/13	R/J	SW8260	
cis-1,2-Dichloroethene	12	5.5	ug/Kg	05/15/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND	5.5	ug/Kg	05/15/13	R/J	SW8260	1
Dibromochloromethane	ND	3.3	ug/Kg	05/15/13	R/J	SW8260	
Dibromomethane	ND	5.5	ug/Kg	05/15/13	R/J	SW8260	
Dichlorodifluoromethane	ND	5.5	ug/Kg	05/15/13	R/J	SW8260	
Ethylbenzene	ND	5.5	ug/Kg	05/15/13	R/J	SW8260	
Hexachlorobutadiene	ND	5.5	ug/Kg	05/15/13	R/J	SW8260	
Isopropylbenzene	ND	5.5	ug/Kg	05/15/13	R/J	SW8260	
m&p-Xylene	ND	5.5	ug/Kg	05/15/13	R/J	SW8260	
Methyl Ethyl Ketone	ND	33	ug/Kg	05/15/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	05/15/13	R/J	SW8260	
Methylene chloride	ND	5.5	ug/Kg	05/15/13	R/J	SW8260	
Naphthalene	ND	5.5	ug/Kg	05/15/13	R/J	SW8260	
n-Butylbenzene	ND	5.5	ug/Kg	05/15/13	R/J	SW8260	
n-Propylbenzene	ND	5.5	ug/Kg	05/15/13	R/J	SW8260	
o-Xylene	ND	5.5	ug/Kg	05/15/13	R/J	SW8260	
p-Isopropyltoluene	ND	5.5	ug/Kg	05/15/13	R/J	SW8260	
sec-Butylbenzene	ND	5.5	ug/Kg	05/15/13	R/J	SW8260	
Styrene	ND	5.5	ug/Kg	05/15/13	R/J	SW8260	
tert-Butylbenzene	ND	5.5	ug/Kg	05/15/13	R/J	SW8260	
Tetrachloroethene	92	5.5	ug/Kg	05/15/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND	11	ug/Kg	05/15/13	R/J	SW8260	1
Toluene	ND	5.5	ug/Kg	05/15/13	R/J	SW8260	
Total Xylenes	ND	5.5	ug/Kg	05/15/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND	5.5	ug/Kg	05/15/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND	5.5	ug/Kg	05/15/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	05/15/13	R/J	SW8260	
Trichloroethene	11	5.5	ug/Kg	05/15/13	R/J	SW8260	
Trichlorofluoromethane	ND	5.5	ug/Kg	05/15/13	R/J	SW8260	
Trichlorotrifluoroethane	ND	5.5	ug/Kg	05/15/13	R/J	SW8260	
Vinyl chloride	ND	5.5	ug/Kg	05/15/13	R/J	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	05/15/13	R/J	70 - 130 %	
% Bromofluorobenzene	92		%	05/15/13	R/J	70 - 130 %	

Project ID: 4416-4418 PURVES ST.
Client ID: B4 12-15

Phoenix I.D.: BD71475

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Dibromofluoromethane	98		%	05/15/13	R/J	70 - 130 %
% Toluene-d8	93		%	05/15/13	R/J	70 - 130 %
Semivolatiles-STARS/CP-51						
Acenaphthene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Acenaphthylene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Anthracene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Benz(a)anthracene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Benzo(a)pyrene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Benzo(b)fluoranthene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Benzo(ghi)perylene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Benzo(k)fluoranthene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Chrysene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Dibenz(a,h)anthracene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Fluoranthene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Fluorene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Naphthalene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Phenanthrene	ND	270	ug/Kg	05/16/13	DD	SW 8270
Pyrene	ND	270	ug/Kg	05/16/13	DD	SW 8270
QA/QC Surrogates						
% 2-Fluorobiphenyl	90		%	05/16/13	DD	30 - 130 %
% Nitrobenzene-d5	89		%	05/16/13	DD	30 - 130 %
% Terphenyl-d14	107		%	05/16/13	DD	30 - 130 %

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

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

Comments:

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

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Phyllis Shiller, Laboratory Director
May 20, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 20, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		05/10/13	0:00
Location Code:	EBC	Received by:	LB	05/13/13	17:14
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD71472
Phoenix ID: BD71476

Project ID: 4416-4418 PURVES ST.
Client ID: GW1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	05/16/13	R/T	SW8260	
1,1,1-Trichloroethane	ND	1.0	ug/L	05/16/13	R/T	SW8260	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	05/16/13	R/T	SW8260	
1,1,2-Trichloroethane	ND	1.0	ug/L	05/16/13	R/T	SW8260	
1,1-Dichloroethane	ND	1.0	ug/L	05/16/13	R/T	SW8260	
1,1-Dichloroethene	ND	1.0	ug/L	05/16/13	R/T	SW8260	
1,1-Dichloropropene	ND	1.0	ug/L	05/16/13	R/T	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	05/16/13	R/T	SW8260	
1,2,3-Trichloropropane	ND	1.0	ug/L	05/16/13	R/T	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	05/16/13	R/T	SW8260	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	05/16/13	R/T	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	05/16/13	R/T	SW8260	
1,2-Dibromoethane	ND	1.0	ug/L	05/16/13	R/T	SW8260	
1,2-Dichlorobenzene	ND	1.0	ug/L	05/16/13	R/T	SW8260	
1,2-Dichloroethane	ND	0.60	ug/L	05/16/13	R/T	SW8260	
1,2-Dichloropropane	ND	1.0	ug/L	05/16/13	R/T	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	05/16/13	R/T	SW8260	
1,3-Dichlorobenzene	ND	1.0	ug/L	05/16/13	R/T	SW8260	
1,3-Dichloropropane	ND	1.0	ug/L	05/16/13	R/T	SW8260	
1,4-Dichlorobenzene	ND	1.0	ug/L	05/16/13	R/T	SW8260	
2,2-Dichloropropane	ND	1.0	ug/L	05/16/13	R/T	SW8260	
2-Chlorotoluene	ND	1.0	ug/L	05/16/13	R/T	SW8260	
2-Hexanone	ND	5.0	ug/L	05/16/13	R/T	SW8260	
2-Isopropyltoluene	ND	1.0	ug/L	05/16/13	R/T	SW8260	1
4-Chlorotoluene	ND	1.0	ug/L	05/16/13	R/T	SW8260	
4-Methyl-2-pentanone	ND	5.0	ug/L	05/16/13	R/T	SW8260	
Acetone	ND	25	ug/L	05/16/13	R/T	SW8260	

Project ID: 4416-4418 PURVES ST. Phoenix I.D.: BD71476

Client ID: GW1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Acrylonitrile	ND	5.0	ug/L	05/16/13	R/T	SW8260	
Benzene	ND	0.70	ug/L	05/16/13	R/T	SW8260	
Bromobenzene	ND	1.0	ug/L	05/16/13	R/T	SW8260	
Bromochloromethane	ND	1.0	ug/L	05/16/13	R/T	SW8260	
Bromodichloromethane	ND	0.50	ug/L	05/16/13	R/T	SW8260	
Bromoform	ND	1.0	ug/L	05/16/13	R/T	SW8260	
Bromomethane	ND	1.0	ug/L	05/16/13	R/T	SW8260	
Carbon Disulfide	ND	5.0	ug/L	05/16/13	R/T	SW8260	
Carbon tetrachloride	ND	1.0	ug/L	05/16/13	R/T	SW8260	
Chlorobenzene	ND	1.0	ug/L	05/16/13	R/T	SW8260	
Chloroethane	ND	1.0	ug/L	05/16/13	R/T	SW8260	
Chloroform	ND	1.0	ug/L	05/16/13	R/T	SW8260	
Chloromethane	ND	1.0	ug/L	05/16/13	R/T	SW8260	
cis-1,2-Dichloroethene	4.2	1.0	ug/L	05/16/13	R/T	SW8260	
cis-1,3-Dichloropropene	ND	0.50	ug/L	05/16/13	R/T	SW8260	1
Dibromochloromethane	ND	0.50	ug/L	05/16/13	R/T	SW8260	
Dibromomethane	ND	1.0	ug/L	05/16/13	R/T	SW8260	
Dichlorodifluoromethane	ND	1.0	ug/L	05/16/13	R/T	SW8260	
Ethylbenzene	ND	1.0	ug/L	05/16/13	R/T	SW8260	
Hexachlorobutadiene	ND	0.40	ug/L	05/16/13	R/T	SW8260	
Isopropylbenzene	ND	1.0	ug/L	05/16/13	R/T	SW8260	
m&p-Xylene	ND	1.0	ug/L	05/16/13	R/T	SW8260	
Methyl ethyl ketone	ND	5.0	ug/L	05/16/13	R/T	SW8260	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	05/16/13	R/T	SW8260	
Methylene chloride	ND	1.0	ug/L	05/16/13	R/T	SW8260	
Naphthalene	ND	1.0	ug/L	05/16/13	R/T	SW8260	
n-Butylbenzene	ND	1.0	ug/L	05/16/13	R/T	SW8260	
n-Propylbenzene	ND	1.0	ug/L	05/16/13	R/T	SW8260	
o-Xylene	ND	1.0	ug/L	05/16/13	R/T	SW8260	
p-Isopropyltoluene	ND	1.0	ug/L	05/16/13	R/T	SW8260	
sec-Butylbenzene	ND	1.0	ug/L	05/16/13	R/T	SW8260	
Styrene	ND	1.0	ug/L	05/16/13	R/T	SW8260	
tert-Butylbenzene	ND	1.0	ug/L	05/16/13	R/T	SW8260	
Tetrachloroethene	19	1.0	ug/L	05/16/13	R/T	SW8260	
Tetrahydrofuran (THF)	ND	2.5	ug/L	05/16/13	R/T	SW8260	1
Toluene	1.8	1.0	ug/L	05/16/13	R/T	SW8260	
Total Xylenes	ND	1.0	ug/L	05/16/13	R/T	SW8260	
trans-1,2-Dichloroethene	ND	1.0	ug/L	05/16/13	R/T	SW8260	
trans-1,3-Dichloropropene	ND	0.50	ug/L	05/16/13	R/T	SW8260	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	05/16/13	R/T	SW8260	
Trichloroethene	3.2	1.0	ug/L	05/16/13	R/T	SW8260	
Trichlorofluoromethane	ND	1.0	ug/L	05/16/13	R/T	SW8260	
Trichlorotrifluoroethane	ND	1.0	ug/L	05/16/13	R/T	SW8260	
Vinyl chloride	ND	1.0	ug/L	05/16/13	R/T	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	05/16/13	R/T	70 - 130 %	
% Bromofluorobenzene	85		%	05/16/13	R/T	70 - 130 %	
% Dibromofluoromethane	98		%	05/16/13	R/T	70 - 130 %	
% Toluene-d8	92		%	05/16/13	R/T	70 - 130 %	

Project ID: 4416-4418 PURVES ST. Phoenix I.D.: BD71476
Client ID: GW1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

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

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

Comments:

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Phyllis Shiller, Laboratory Director
May 20, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 20, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		05/10/13	0:00
Location Code:	EBC	Received by:	LB	05/13/13	17:14
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD71472
Phoenix ID: BD71477

Project ID: 4416-4418 PURVES ST.
Client ID: GW3

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,1,1-Trichloroethane	18	1.0	ug/L	05/15/13	R/T	SW8260	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	05/15/13	R/T	SW8260	
1,1,2-Trichloroethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,1-Dichloroethane	1.7	1.0	ug/L	05/15/13	R/T	SW8260	
1,1-Dichloroethene	1.4	1.0	ug/L	05/15/13	R/T	SW8260	
1,1-Dichloropropene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,2,3-Trichloropropane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,2-Dibromoethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,2-Dichlorobenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,2-Dichloroethane	ND	0.60	ug/L	05/15/13	R/T	SW8260	
1,2-Dichloropropane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,3-Dichlorobenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,3-Dichloropropane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,4-Dichlorobenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
2,2-Dichloropropane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
2-Chlorotoluene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
2-Hexanone	ND	5.0	ug/L	05/15/13	R/T	SW8260	
2-Isopropyltoluene	ND	1.0	ug/L	05/15/13	R/T	SW8260	1
4-Chlorotoluene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
4-Methyl-2-pentanone	ND	5.0	ug/L	05/15/13	R/T	SW8260	
Acetone	ND	25	ug/L	05/15/13	R/T	SW8260	

Project ID: 4416-4418 PURVES ST. Phoenix I.D.: BD71477

Client ID: GW3

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Acrylonitrile	ND	5.0	ug/L	05/15/13	R/T	SW8260	
Benzene	ND	0.70	ug/L	05/15/13	R/T	SW8260	
Bromobenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Bromochloromethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Bromodichloromethane	ND	0.50	ug/L	05/15/13	R/T	SW8260	
Bromoform	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Bromomethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Carbon Disulfide	ND	5.0	ug/L	05/15/13	R/T	SW8260	
Carbon tetrachloride	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Chlorobenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Chloroethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Chloroform	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Chloromethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
cis-1,2-Dichloroethene	190	10.0	ug/L	05/15/13	R/T	SW8260	
cis-1,3-Dichloropropene	ND	0.50	ug/L	05/15/13	R/T	SW8260	1
Dibromochloromethane	ND	0.50	ug/L	05/15/13	R/T	SW8260	
Dibromomethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Dichlorodifluoromethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Ethylbenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Hexachlorobutadiene	ND	0.40	ug/L	05/15/13	R/T	SW8260	
Isopropylbenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
m&p-Xylene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Methyl ethyl ketone	ND	5.0	ug/L	05/15/13	R/T	SW8260	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Methylene chloride	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Naphthalene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
n-Butylbenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
n-Propylbenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
o-Xylene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
p-Isopropyltoluene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
sec-Butylbenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Styrene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
tert-Butylbenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Tetrachloroethene	950	50.0	ug/L	05/15/13	R/T	SW8260	
Tetrahydrofuran (THF)	ND	2.5	ug/L	05/15/13	R/T	SW8260	1
Toluene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Total Xylenes	ND	1.0	ug/L	05/15/13	R/T	SW8260	
trans-1,2-Dichloroethene	6.6	1.0	ug/L	05/15/13	R/T	SW8260	
trans-1,3-Dichloropropene	ND	0.50	ug/L	05/15/13	R/T	SW8260	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	05/15/13	R/T	SW8260	
Trichloroethene	150	10.0	ug/L	05/15/13	R/T	SW8260	
Trichlorofluoromethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Trichlorotrifluoroethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Vinyl chloride	5.6	1.0	ug/L	05/15/13	R/T	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	05/15/13	R/T	70 - 130 %	
% Bromofluorobenzene	82		%	05/15/13	R/T	70 - 130 %	
% Dibromofluoromethane	98		%	05/15/13	R/T	70 - 130 %	
% Toluene-d8	96		%	05/15/13	R/T	70 - 130 %	

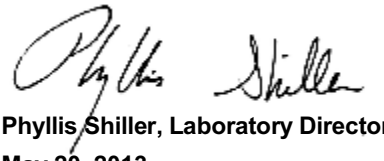
Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

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Phyllis Shiller, Laboratory Director
May 20, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 20, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		05/10/13	0:00
Location Code:	EBC	Received by:	LB	05/13/13	17:14
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD71472
Phoenix ID: BD71478

Project ID: 4416-4418 PURVES ST.
Client ID: GW4

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	2.0	ug/L	05/15/13	R/T	SW8260	
1,1,1-Trichloroethane	15	2.0	ug/L	05/15/13	R/T	SW8260	
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,1,2-Trichloroethane	ND	2.0	ug/L	05/15/13	R/T	SW8260	
1,1-Dichloroethane	3.1	2.0	ug/L	05/15/13	R/T	SW8260	
1,1-Dichloroethene	ND	2.0	ug/L	05/15/13	R/T	SW8260	
1,1-Dichloropropene	ND	2.0	ug/L	05/15/13	R/T	SW8260	
1,2,3-Trichlorobenzene	ND	2.0	ug/L	05/15/13	R/T	SW8260	
1,2,3-Trichloropropane	ND	2.0	ug/L	05/15/13	R/T	SW8260	
1,2,4-Trichlorobenzene	ND	2.0	ug/L	05/15/13	R/T	SW8260	
1,2,4-Trimethylbenzene	ND	2.0	ug/L	05/15/13	R/T	SW8260	
1,2-Dibromo-3-chloropropane	ND	2.0	ug/L	05/15/13	R/T	SW8260	
1,2-Dibromoethane	ND	2.0	ug/L	05/15/13	R/T	SW8260	
1,2-Dichlorobenzene	ND	2.0	ug/L	05/15/13	R/T	SW8260	
1,2-Dichloroethane	ND	1.2	ug/L	05/15/13	R/T	SW8260	
1,2-Dichloropropane	ND	2.0	ug/L	05/15/13	R/T	SW8260	
1,3,5-Trimethylbenzene	ND	2.0	ug/L	05/15/13	R/T	SW8260	
1,3-Dichlorobenzene	ND	2.0	ug/L	05/15/13	R/T	SW8260	
1,3-Dichloropropane	ND	2.0	ug/L	05/15/13	R/T	SW8260	
1,4-Dichlorobenzene	ND	2.0	ug/L	05/15/13	R/T	SW8260	
2,2-Dichloropropane	ND	2.0	ug/L	05/15/13	R/T	SW8260	
2-Chlorotoluene	ND	2.0	ug/L	05/15/13	R/T	SW8260	
2-Hexanone	ND	10	ug/L	05/15/13	R/T	SW8260	
2-Isopropyltoluene	ND	2.0	ug/L	05/15/13	R/T	SW8260	1
4-Chlorotoluene	ND	2.0	ug/L	05/15/13	R/T	SW8260	
4-Methyl-2-pentanone	ND	10	ug/L	05/15/13	R/T	SW8260	
Acetone	ND	50	ug/L	05/15/13	R/T	SW8260	

Project ID: 4416-4418 PURVES ST.
Client ID: GW4

Phoenix I.D.: BD71478

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Acrylonitrile	ND	10	ug/L	05/15/13	R/T	SW8260	
Benzene	ND	1.4	ug/L	05/15/13	R/T	SW8260	
Bromobenzene	ND	2.0	ug/L	05/15/13	R/T	SW8260	
Bromochloromethane	ND	2.0	ug/L	05/15/13	R/T	SW8260	
Bromodichloromethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Bromoform	ND	2.0	ug/L	05/15/13	R/T	SW8260	
Bromomethane	ND	2.0	ug/L	05/15/13	R/T	SW8260	
Carbon Disulfide	ND	10	ug/L	05/15/13	R/T	SW8260	
Carbon tetrachloride	ND	2.0	ug/L	05/15/13	R/T	SW8260	
Chlorobenzene	ND	2.0	ug/L	05/15/13	R/T	SW8260	
Chloroethane	ND	2.0	ug/L	05/15/13	R/T	SW8260	
Chloroform	ND	2.0	ug/L	05/15/13	R/T	SW8260	
Chloromethane	ND	2.0	ug/L	05/15/13	R/T	SW8260	
cis-1,2-Dichloroethene	130	20.0	ug/L	05/15/13	R/T	SW8260	
cis-1,3-Dichloropropene	ND	1.0	ug/L	05/15/13	R/T	SW8260	1
Dibromochloromethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Dibromomethane	ND	2.0	ug/L	05/15/13	R/T	SW8260	
Dichlorodifluoromethane	ND	2.0	ug/L	05/15/13	R/T	SW8260	
Ethylbenzene	ND	2.0	ug/L	05/15/13	R/T	SW8260	
Hexachlorobutadiene	ND	0.80	ug/L	05/15/13	R/T	SW8260	
Isopropylbenzene	ND	2.0	ug/L	05/15/13	R/T	SW8260	
m&p-Xylene	ND	2.0	ug/L	05/15/13	R/T	SW8260	
Methyl ethyl ketone	ND	10	ug/L	05/15/13	R/T	SW8260	
Methyl t-butyl ether (MTBE)	ND	2.0	ug/L	05/15/13	R/T	SW8260	
Methylene chloride	ND	2.0	ug/L	05/15/13	R/T	SW8260	
Naphthalene	ND	2.0	ug/L	05/15/13	R/T	SW8260	
n-Butylbenzene	ND	2.0	ug/L	05/15/13	R/T	SW8260	
n-Propylbenzene	ND	2.0	ug/L	05/15/13	R/T	SW8260	
o-Xylene	ND	2.0	ug/L	05/15/13	R/T	SW8260	
p-Isopropyltoluene	ND	2.0	ug/L	05/15/13	R/T	SW8260	
sec-Butylbenzene	ND	2.0	ug/L	05/15/13	R/T	SW8260	
Styrene	ND	2.0	ug/L	05/15/13	R/T	SW8260	
tert-Butylbenzene	ND	2.0	ug/L	05/15/13	R/T	SW8260	
Tetrachloroethene	610	20.0	ug/L	05/15/13	R/T	SW8260	
Tetrahydrofuran (THF)	ND	5.0	ug/L	05/15/13	R/T	SW8260	1
Toluene	ND	2.0	ug/L	05/15/13	R/T	SW8260	
Total Xylenes	ND	2.0	ug/L	05/15/13	R/T	SW8260	
trans-1,2-Dichloroethene	14	2.0	ug/L	05/15/13	R/T	SW8260	
trans-1,3-Dichloropropene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
trans-1,4-dichloro-2-butene	ND	10	ug/L	05/15/13	R/T	SW8260	
Trichloroethene	90	20.0	ug/L	05/15/13	R/T	SW8260	
Trichlorofluoromethane	ND	2.0	ug/L	05/15/13	R/T	SW8260	
Trichlorotrifluoroethane	ND	2.0	ug/L	05/15/13	R/T	SW8260	
Vinyl chloride	5.1	2.0	ug/L	05/15/13	R/T	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	05/15/13	R/T	70 - 130 %	
% Bromofluorobenzene	82		%	05/15/13	R/T	70 - 130 %	
% Dibromofluoromethane	98		%	05/15/13	R/T	70 - 130 %	
% Toluene-d8	87		%	05/15/13	R/T	70 - 130 %	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

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

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

Comments:

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Phyllis Shiller, Laboratory Director
May 20, 2013
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

May 20, 2013

QA/QC Data

SDG I.D.: GBD71472

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 230739, QC Sample No: BD71313 (BD71474 (45X))										
Volatiles - Soil										
Tetrachloroethene	ND	106	100	5.8	103	93	10.2	70 - 130	30	
Comment:										
Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-160%.										
QA/QC Batch 230307, QC Sample No: BD71443 (BD71472, BD71473, BD71474, BD71475)										
Polynuclear Aromatic HC - Soil										
Acenaphthene	ND	88	88	0.0	91	93	2.2	30 - 130	30	
Acenaphthylene	ND	86	86	0.0	92	92	0.0	30 - 130	30	
Anthracene	ND	91	91	0.0	94	92	2.2	30 - 130	30	
Benz(a)anthracene	ND	87	88	1.1	89	90	1.1	30 - 130	30	
Benzo(a)pyrene	ND	84	85	1.2	84	86	2.4	30 - 130	30	
Benzo(b)fluoranthene	ND	96	96	0.0	98	102	4.0	30 - 130	30	
Benzo(ghi)perylene	ND	81	81	0.0	96	87	9.8	30 - 130	30	
Benzo(k)fluoranthene	ND	98	101	3.0	90	95	5.4	30 - 130	30	
Chrysene	ND	88	88	0.0	92	91	1.1	30 - 130	30	
Dibenz(a,h)anthracene	ND	80	80	0.0	99	91	8.4	30 - 130	30	
Fluoranthene	ND	91	92	1.1	95	94	1.1	30 - 130	30	
Fluorene	ND	90	90	0.0	94	94	0.0	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	82	82	0.0	82	74	10.3	30 - 130	30	
Naphthalene	ND	86	81	6.0	87	88	1.1	30 - 130	30	
Phenanthrene	ND	92	94	2.2	96	95	1.0	30 - 130	30	
Pyrene	ND	88	90	2.2	94	92	2.2	30 - 130	30	
% 2-Fluorobiphenyl	89	88	85	3.5	87	86	1.2	30 - 130	30	
% Nitrobenzene-d5	90	79	75	5.2	85	86	1.2	30 - 130	30	
% Terphenyl-d14	96	96	96	0.0	94	93	1.1	30 - 130	30	
Comment:										
Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)										
QA/QC Batch 230521, QC Sample No: BD71482 (BD71472, BD71473, BD71474, BD71475)										
Volatiles - Soil										
1,1,1,2-Tetrachloroethane	ND	112	108	3.6	103	112	8.4	70 - 130	30	
1,1,1-Trichloroethane	ND	94	89	5.5	90	97	7.5	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	96	94	2.1	<40	<40	NC	70 - 130	30	m
1,1,2-Trichloroethane	ND	97	101	4.0	90	89	1.1	70 - 130	30	
1,1-Dichloroethane	ND	95	92	3.2	91	95	4.3	70 - 130	30	
1,1-Dichloroethene	ND	91	85	6.8	91	97	6.4	70 - 130	30	
1,1-Dichloropropene	ND	101	94	7.2	94	105	11.1	70 - 130	30	
1,2,3-Trichlorobenzene	ND	92	103	11.3	78	80	2.5	70 - 130	30	
1,2,3-Trichloropropane	ND	98	88	10.8	90	92	2.2	70 - 130	30	
1,2,4-Trichlorobenzene	ND	89	97	8.6	77	81	5.1	70 - 130	30	
1,2,4-Trimethylbenzene	ND	93	89	4.4	86	96	11.0	70 - 130	30	

QA/QC Data

SDG I.D.: GBD71472

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,2-Dibromo-3-chloropropane	ND	120	130	8.0	112	112	0.0	70 - 130	30
1,2-Dibromoethane	ND	98	104	5.9	94	92	2.2	70 - 130	30
1,2-Dichlorobenzene	ND	95	94	1.1	87	95	8.8	70 - 130	30
1,2-Dichloroethane	ND	98	100	2.0	95	96	1.0	70 - 130	30
1,2-Dichloropropane	ND	97	96	1.0	92	96	4.3	70 - 130	30
1,3,5-Trimethylbenzene	ND	94	86	8.9	87	99	12.9	70 - 130	30
1,3-Dichlorobenzene	ND	96	92	4.3	86	96	11.0	70 - 130	30
1,3-Dichloropropane	ND	99	99	0.0	95	97	2.1	70 - 130	30
1,4-Dichlorobenzene	ND	92	90	2.2	84	91	8.0	70 - 130	30
2,2-Dichloropropane	ND	96	92	4.3	88	94	6.6	70 - 130	30
2-Chlorotoluene	ND	104	95	9.0	95	108	12.8	70 - 130	30
2-Hexanone	ND	77	86	11.0	101	97	4.0	70 - 130	30
2-Isopropyltoluene	ND	97	93	4.2	93	104	11.2	70 - 130	30
4-Chlorotoluene	ND	97	91	6.4	92	103	11.3	70 - 130	30
4-Methyl-2-pentanone	ND	92	103	11.3	99	92	7.3	70 - 130	30
Acetone	ND	64	71	10.4	112	96	15.4	70 - 130	30
Acrylonitrile	ND	93	102	9.2	100	89	11.6	70 - 130	30
Benzene	ND	91	87	4.5	87	94	7.7	70 - 130	30
Bromobenzene	ND	106	100	5.8	99	109	9.6	70 - 130	30
Bromochloromethane	ND	104	103	1.0	101	100	1.0	70 - 130	30
Bromodichloromethane	ND	92	92	0.0	87	90	3.4	70 - 130	30
Bromoform	ND	112	116	3.5	106	108	1.9	70 - 130	30
Bromomethane	ND	99	89	10.6	89	106	17.4	70 - 130	30
Carbon Disulfide	ND	83	77	7.5	83	91	9.2	70 - 130	30
Carbon tetrachloride	ND	108	103	4.7	100	114	13.1	70 - 130	30
Chlorobenzene	ND	102	98	4.0	94	103	9.1	70 - 130	30
Chloroethane	ND	94	87	7.7	93	100	7.3	70 - 130	30
Chloroform	ND	88	85	3.5	84	88	4.7	70 - 130	30
Chloromethane	ND	97	95	2.1	105	106	0.9	70 - 130	30
cis-1,2-Dichloroethene	ND	94	95	1.1	92	91	1.1	70 - 130	30
cis-1,3-Dichloropropene	ND	96	98	2.1	89	91	2.2	70 - 130	30
Dibromochloromethane	ND	111	110	0.9	104	109	4.7	70 - 130	30
Dibromomethane	ND	97	102	5.0	96	94	2.1	70 - 130	30
Dichlorodifluoromethane	ND	106	102	3.8	112	115	2.6	70 - 130	30
Ethylbenzene	ND	95	89	6.5	90	100	10.5	70 - 130	30
Hexachlorobutadiene	ND	80	91	12.9	90	100	10.5	70 - 130	30
Isopropylbenzene	ND	105	94	11.1	97	113	15.2	70 - 130	30
m&p-Xylene	ND	95	90	5.4	91	99	8.4	70 - 130	30
Methyl ethyl ketone	ND	64	76	17.1	97	84	14.4	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	85	87	2.3	86	84	2.4	70 - 130	30
Methylene chloride	ND	78	77	1.3	80	80	0.0	70 - 130	30
Naphthalene	ND	102	122	17.9	90	89	1.1	70 - 130	30
n-Butylbenzene	ND	80	79	1.3	80	90	11.8	70 - 130	30
n-Propylbenzene	ND	103	94	9.1	94	109	14.8	70 - 130	30
o-Xylene	ND	97	94	3.1	91	99	8.4	70 - 130	30
p-Isopropyltoluene	ND	99	94	5.2	93	106	13.1	70 - 130	30
sec-Butylbenzene	ND	90	83	8.1	87	100	13.9	70 - 130	30
Styrene	ND	90	88	2.2	88	93	5.5	70 - 130	30
tert-Butylbenzene	ND	103	94	9.1	96	109	12.7	70 - 130	30
Tetrachloroethene	ND	109	99	9.6	101	114	12.1	70 - 130	30
Tetrahydrofuran (THF)	ND	87	97	10.9	93	82	12.6	70 - 130	30
Toluene	ND	92	90	2.2	88	94	6.6	70 - 130	30
trans-1,2-Dichloroethene	ND	86	81	6.0	82	87	5.9	70 - 130	30

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
trans-1,3-Dichloropropene	ND	94	97	3.1	90	87	3.4	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	97	107	9.8	99	96	3.1	70 - 130	30	
Trichloroethene	ND	106	101	4.8	>150	>150	NC	70 - 130	30	m
Trichlorofluoromethane	ND	97	90	7.5	93	102	9.2	70 - 130	30	
Trichlorotrifluoroethane	ND	103	96	7.0	105	111	5.6	70 - 130	30	
Vinyl chloride	ND	105	101	3.9	107	112	4.6	70 - 130	30	
% 1,2-dichlorobenzene-d4	102	100	102	2.0	102	102	0.0	70 - 130	30	
% Bromofluorobenzene	94	95	97	2.1	96	94	2.1	70 - 130	30	
% Dibromofluoromethane	97	96	100	4.1	97	93	4.2	70 - 130	30	
% Toluene-d8	96	94	95	1.1	93	92	1.1	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 230757, QC Sample No: BD71493 (BD71476, BD71477 (50, 10X) , BD71478 (20X))

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	94	91	3.2	94	91	3.2	70 - 130	30	
1,1,1-Trichloroethane	ND	85	83	2.4	97	83	15.6	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	103	108	4.7	117	112	4.4	70 - 130	30	
1,1,2-Trichloroethane	ND	95	95	0.0	106	108	1.9	70 - 130	30	
1,1-Dichloroethane	ND	106	109	2.8	111	105	5.6	70 - 130	30	
1,1-Dichloroethene	ND	103	107	3.8	117	102	13.7	70 - 130	30	
1,1-Dichloropropene	ND	95	98	3.1	112	110	1.8	70 - 130	30	
1,2,3-Trichlorobenzene	ND	102	112	9.3	116	119	2.6	70 - 130	30	
1,2,3-Trichloropropane	ND	97	100	3.0	107	101	5.8	70 - 130	30	
1,2,4-Trichlorobenzene	ND	98	101	3.0	108	111	2.7	70 - 130	30	
1,2,4-Trimethylbenzene	ND	100	100	0.0	112	108	3.6	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	100	104	3.9	114	112	1.8	70 - 130	30	
1,2-Dibromoethane	ND	89	91	2.2	102	105	2.9	70 - 130	30	
1,2-Dichlorobenzene	ND	98	98	0.0	103	99	4.0	70 - 130	30	
1,2-Dichloroethane	ND	78	81	3.8	80	84	4.9	70 - 130	30	
1,2-Dichloropropane	ND	98	98	0.0	109	109	0.0	70 - 130	30	
1,3,5-Trimethylbenzene	ND	96	97	1.0	107	104	2.8	70 - 130	30	
1,3-Dichlorobenzene	ND	99	99	0.0	103	100	3.0	70 - 130	30	
1,3-Dichloropropane	ND	107	106	0.9	113	109	3.6	70 - 130	30	
1,4-Dichlorobenzene	ND	98	98	0.0	101	98	3.0	70 - 130	30	
2,2-Dichloropropane	ND	110	107	2.8	120	104	14.3	70 - 130	30	
2-Chlorotoluene	ND	103	104	1.0	110	105	4.7	70 - 130	30	
2-Hexanone	ND	104	103	1.0	119	113	5.2	70 - 130	30	
2-Isopropyltoluene	ND	98	98	0.0	106	103	2.9	70 - 130	30	
4-Chlorotoluene	ND	100	100	0.0	108	105	2.8	70 - 130	30	
4-Methyl-2-pentanone	ND	100	101	1.0	124	123	0.8	70 - 130	30	
Acetone	ND	90	89	1.1	54	41	27.4	70 - 130	30	m
Acrylonitrile	ND	125	132	5.4	141	123	13.6	70 - 130	30	l,m
Benzene	ND	104	110	5.6	113	128	12.4	70 - 130	30	
Bromobenzene	ND	100	100	0.0	106	103	2.9	70 - 130	30	
Bromochloromethane	ND	113	109	3.6	122	107	13.1	70 - 130	30	
Bromodichloromethane	ND	82	83	1.2	92	94	2.2	70 - 130	30	
Bromoform	ND	101	99	2.0	93	90	3.3	70 - 130	30	
Bromomethane	ND	116	117	0.9	90	86	4.5	70 - 130	30	
Carbon Disulfide	ND	104	106	1.9	130	119	8.8	70 - 130	30	
Carbon tetrachloride	ND	73	72	1.4	75	73	2.7	70 - 130	30	
Chlorobenzene	ND	99	100	1.0	103	99	4.0	70 - 130	30	
Chloroethane	ND	112	114	1.8	121	105	14.2	70 - 130	30	

QA/QC Data

SDG I.D.: GBD71472

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Chloroform	ND	99	95	4.1	110	93	16.7	70 - 130	30	
Chloromethane	ND	97	96	1.0	112	96	15.4	70 - 130	30	
cis-1,2-Dichloroethene	ND	121	122	0.8	130	110	16.7	70 - 130	30	
cis-1,3-Dichloropropene	ND	101	102	1.0	116	118	1.7	70 - 130	30	
Dibromochloromethane	ND	96	97	1.0	96	94	2.1	70 - 130	30	
Dibromomethane	ND	91	93	2.2	99	100	1.0	70 - 130	30	
Dichlorodifluoromethane	ND	82	79	3.7	99	89	10.6	70 - 130	30	
Ethylbenzene	ND	98	97	1.0	106	103	2.9	70 - 130	30	
Hexachlorobutadiene	ND	86	85	1.2	95	95	0.0	70 - 130	30	
Isopropylbenzene	ND	101	101	0.0	113	113	0.0	70 - 130	30	
m&p-Xylene	ND	102	100	2.0	106	102	3.8	70 - 130	30	
Methyl ethyl ketone	ND	98	101	3.0	101	85	17.2	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	101	97	4.0	135	130	3.8	70 - 130	30	m
Methylene chloride	ND	98	103	5.0	99	86	14.1	70 - 130	30	
Naphthalene	ND	106	108	1.9	140	142	1.4	70 - 130	30	m
n-Butylbenzene	ND	101	99	2.0	105	103	1.9	70 - 130	30	
n-Propylbenzene	ND	104	104	0.0	114	110	3.6	70 - 130	30	
o-Xylene	ND	108	106	1.9	107	103	3.8	70 - 130	30	
p-Isopropyltoluene	ND	99	97	2.0	109	108	0.9	70 - 130	30	
sec-Butylbenzene	ND	96	94	2.1	107	103	3.8	70 - 130	30	
Styrene	ND	106	106	0.0	105	100	4.9	70 - 130	30	
tert-Butylbenzene	ND	95	96	1.0	105	102	2.9	70 - 130	30	
Tetrachloroethene	ND	92	90	2.2	102	103	1.0	70 - 130	30	
Tetrahydrofuran (THF)	ND	117	117	0.0	121	94	25.1	70 - 130	30	
Toluene	ND	91	92	1.1	108	112	3.6	70 - 130	30	
trans-1,2-Dichloroethene	ND	119	115	3.4	116	112	3.5	70 - 130	30	
trans-1,3-Dichloropropene	ND	96	94	2.1	109	110	0.9	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	130	129	0.8	130	129	0.8	70 - 130	30	
Trichloroethene	ND	100	99	1.0	108	107	0.9	70 - 130	30	
Trichlorofluoromethane	ND	78	80	2.5	94	82	13.6	70 - 130	30	
Trichlorotrifluoroethane	ND	92	88	4.4	106	99	6.8	70 - 130	30	
Vinyl chloride	ND	110	108	1.8	116	101	13.8	70 - 130	30	
% 1,2-dichlorobenzene-d4	101	99	100	1.0	100	101	1.0	70 - 130	30	
% Bromofluorobenzene	83	95	95	0.0	89	89	0.0	70 - 130	30	
% Dibromofluoromethane	95	103	99	4.0	103	95	8.1	70 - 130	30	
% Toluene-d8	92	91	93	2.2	99	107	7.8	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 230579, QC Sample No: BD78745 (BD71477, BD71478 (2X))

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	96	95	1.0	103			70 - 130	30	
1,1,1-Trichloroethane	ND	92	85	7.9	103			70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	105	105	0.0	116			70 - 130	30	
1,1,2-Trichloroethane	ND	97	93	4.2	102			70 - 130	30	
1,1-Dichloroethane	ND	101	95	6.1	135			70 - 130	30	m
1,1-Dichloroethene	ND	110	99	10.5	127			70 - 130	30	
1,1-Dichloropropene	ND	93	84	10.2	131			70 - 130	30	m
1,2,3-Trichlorobenzene	ND	108	105	2.8	105			70 - 130	30	
1,2,3-Trichloropropane	ND	99	96	3.1	110			70 - 130	30	
1,2,4-Trichlorobenzene	ND	105	104	1.0	108			70 - 130	30	
1,2,4-Trimethylbenzene	ND	110	106	3.7	118			70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	103	102	1.0	116			70 - 130	30	

QA/QC Data

SDG I.D.: GBD71472

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,2-Dibromoethane	ND	91	90	1.1	99			70 - 130	30	
1,2-Dichlorobenzene	ND	102	100	2.0	109			70 - 130	30	
1,2-Dichloroethane	ND	76	72	5.4	98			70 - 130	30	
1,2-Dichloropropane	ND	98	93	5.2	111			70 - 130	30	
1,3,5-Trimethylbenzene	ND	108	103	4.7	117			70 - 130	30	
1,3-Dichlorobenzene	ND	107	103	3.8	112			70 - 130	30	
1,3-Dichloropropane	ND	107	106	0.9	119			70 - 130	30	
1,4-Dichlorobenzene	ND	106	102	3.8	110			70 - 130	30	
2,2-Dichloropropane	ND	>150	135	NC	138			70 - 130	30	l,m
2-Chlorotoluene	ND	113	108	4.5	119			70 - 130	30	
2-Hexanone	ND	100	103	3.0	109			70 - 130	30	
2-Isopropyltoluene	ND	108	102	5.7	120			70 - 130	30	
4-Chlorotoluene	ND	109	105	3.7	120			70 - 130	30	
4-Methyl-2-pentanone	ND	97	93	4.2	110			70 - 130	30	
Acetone	ND	84	83	1.2	104			70 - 130	30	
Acrylonitrile	ND	113	116	2.6	147			70 - 130	30	m
Benzene	ND	98	90	8.5	149			70 - 130	30	m
Bromobenzene	ND	107	105	1.9	114			70 - 130	30	
Bromochloromethane	ND	107	103	3.8	124			70 - 130	30	
Bromodichloromethane	ND	88	83	5.8	95			70 - 130	30	
Bromoform	ND	100	99	1.0	109			70 - 130	30	
Bromomethane	ND	101	98	3.0	96			70 - 130	30	
Carbon Disulfide	ND	104	97	7.0	147			70 - 130	30	m
Carbon tetrachloride	ND	78	73	6.6	95			70 - 130	30	
Chlorobenzene	ND	105	101	3.9	115			70 - 130	30	
Chloroethane	ND	102	98	4.0	144			70 - 130	30	m
Chloroform	ND	97	91	6.4	111			70 - 130	30	
Chloromethane	ND	98	92	6.3	123			70 - 130	30	
cis-1,3-Dichloropropene	ND	110	103	6.6	115			70 - 130	30	
Dibromochloromethane	ND	99	99	0.0	104			70 - 130	30	
Dibromomethane	ND	93	89	4.4	99			70 - 130	30	
Dichlorodifluoromethane	ND	99	91	8.4	99			70 - 130	30	
Ethylbenzene	ND	105	100	4.9	118			70 - 130	30	
Hexachlorobutadiene	ND	97	95	2.1	104			70 - 130	30	
Isopropylbenzene	ND	119	113	5.2	124			70 - 130	30	
m&p-Xylene	ND	106	103	2.9	120			70 - 130	30	
Methyl ethyl ketone	ND	88	86	2.3	125			70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	93	87	6.7	122			70 - 130	30	
Methylene chloride	ND	90	87	3.4	115			70 - 130	30	
Naphthalene	ND	115	113	1.8	111			70 - 130	30	
n-Butylbenzene	ND	112	106	5.5	119			70 - 130	30	
n-Propylbenzene	ND	119	113	5.2	120			70 - 130	30	
o-Xylene	ND	111	107	3.7	122			70 - 130	30	
p-Isopropyltoluene	ND	111	105	5.6	118			70 - 130	30	
sec-Butylbenzene	ND	107	102	4.8	119			70 - 130	30	
Styrene	ND	107	105	1.9	122			70 - 130	30	
tert-Butylbenzene	ND	109	104	4.7	120			70 - 130	30	
Tetrahydrofuran (THF)	ND	105	97	7.9	132			70 - 130	30	m
Toluene	ND	99	93	6.3	110			70 - 130	30	
trans-1,2-Dichloroethene	ND	109	102	6.6	131			70 - 130	30	m
trans-1,3-Dichloropropene	ND	104	98	5.9	109			70 - 130	30	
trans-1,4-dichloro-2-butene	ND	136	137	0.7	141			70 - 130	30	l,m
Trichlorofluoromethane	ND	89	81	9.4	94			70 - 130	30	

QA/QC Data

SDG I.D.: GBD71472

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Trichlorotrifluoroethane	ND	103	94	9.1	106			70 - 130	30	
Vinyl chloride	ND	107	100	6.8	135			70 - 130	30	m
% 1,2-dichlorobenzene-d4	100	99	99	0.0	100			70 - 130	30	
% Bromofluorobenzene	84	90	91	1.1	97			70 - 130	30	
% Dibromofluoromethane	95	99	100	1.0	99			70 - 130	30	
% Toluene-d8	93	92	91	1.1	90			70 - 130	30	

Comment:

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-160%.

I = This parameter is outside laboratory lcs/lcsd specified recovery limits.
m = This parameter is outside laboratory ms/msd specified recovery limits.

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

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

Phyllis Shiller, Laboratory Director
May 20, 2013

Sample Criteria Exceedences Report

GBD71472 - EBC

Requested Criteria: 375, 375RRS, 375RS

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.

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

NY # 11301

NY Temperature Narration

May 20, 2013

SDG I.D.: GBD71472

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

4°C w/ C of R

NY/NJ CHAIN OF CUSTODY RECORD

Temp Pg 1 of 1

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

Data Delivery:
☐ Fax #:
☑ Email:

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

Project: ~~4548 and 4~~ 4416-4418 Purves St
Report to:
Invoice to: EBC

Project P.O:
Phone #: (631) 504 6000
Fax #:

Client Sample - Information - Identification

Sampler's Signature: Date: 5-10-13

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

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260	cVOCs 8260 CP-51 List	Soil VOA [ ] Methanol [ ] Bisulfate [ ] H2O	GL Soil container 8 oz	GL Soil container 4 oz	40 ml VOA Vial [ ]	GL Amber 1000ml [ ] As is [ ] HCl	PL As is [ ] 250ml [ ] As is [ ] H2SO4	PL H2SO4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL HNO3 250ml [ ] 500ml	PL NaOH 250ml	Bacteria Bottle
71472	B1 (7-10)	S	5-10-13		X	X		2	1	1						
71473	B2 (7-10)	"	"		"	"		"	"	"						
71474	B3 (12-15)	"	"		"	"		"	"	"						
71475	B4 (12-15)	"	"		"	"										
71476	GW1	GW	"		"	"				3						
71477	GW3	"	"		"	"				1						
71478	GW4	"	"		"	"										

Relinquished by:	Accepted by:	Date	Time:
		5-13-13	2:00 P
	Lora Bryda	5-13-13	17:14

Comments, Special Requirements or Regulations:

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

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

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

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

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

State where samples were collected: NY

PHOENIX
Environmental Laboratories, Inc.

Thursday, May 23, 2013

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

Project ID: 27-21 44TH
Sample ID#s: BD80732 - BD80737

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

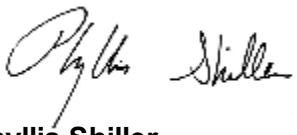
This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

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

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

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

Sincerely yours,



Phyllis Shiller
Laboratory Director

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

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

SDG Comments

May 23, 2013

SDG I.D.: GBD80732

BD80734 - The pH in the preserved vial was greater than 2.

BD80735 - The pH in the preserved vial was greater than 2.

PHOENIX

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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 23, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/17/13	0:00
Location Code:	EBC	Received by:	LB	05/17/13	15:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD80732
Phoenix ID: BD80732

Project ID: 27-21 44TH
Client ID: B1 5-8

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	75		%	05/17/13	JL	E160.3
Soil Extraction SVOA PAH	Completed			05/17/13	BJ/V	SW3545
Field Extraction	Completed			05/17/13		SW5035
Volatiles						
1,1,1,2-Tetrachloroethane	ND	12	ug/Kg	05/18/13	R/J	SW8260
1,1,1-Trichloroethane	ND	12	ug/Kg	05/18/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	7.0	ug/Kg	05/18/13	R/J	SW8260
1,1,2-Trichloroethane	ND	12	ug/Kg	05/18/13	R/J	SW8260
1,1-Dichloroethane	ND	12	ug/Kg	05/18/13	R/J	SW8260
1,1-Dichloroethene	ND	12	ug/Kg	05/18/13	R/J	SW8260
1,1-Dichloropropene	ND	12	ug/Kg	05/18/13	R/J	SW8260
1,2,3-Trichlorobenzene	ND	12	ug/Kg	05/18/13	R/J	SW8260
1,2,3-Trichloropropane	ND	12	ug/Kg	05/18/13	R/J	SW8260
1,2,4-Trichlorobenzene	ND	12	ug/Kg	05/18/13	R/J	SW8260
1,2,4-Trimethylbenzene	ND	12	ug/Kg	05/18/13	R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	12	ug/Kg	05/18/13	R/J	SW8260
1,2-Dibromoethane	ND	12	ug/Kg	05/18/13	R/J	SW8260
1,2-Dichlorobenzene	ND	12	ug/Kg	05/18/13	R/J	SW8260
1,2-Dichloroethane	ND	12	ug/Kg	05/18/13	R/J	SW8260
1,2-Dichloropropane	ND	12	ug/Kg	05/18/13	R/J	SW8260
1,3,5-Trimethylbenzene	ND	12	ug/Kg	05/18/13	R/J	SW8260
1,3-Dichlorobenzene	ND	12	ug/Kg	05/18/13	R/J	SW8260
1,3-Dichloropropane	ND	12	ug/Kg	05/18/13	R/J	SW8260
1,4-Dichlorobenzene	ND	12	ug/Kg	05/18/13	R/J	SW8260
2,2-Dichloropropane	ND	12	ug/Kg	05/18/13	R/J	SW8260
2-Chlorotoluene	ND	12	ug/Kg	05/18/13	R/J	SW8260
2-Hexanone	ND	58	ug/Kg	05/18/13	R/J	SW8260
2-Isopropyltoluene	ND	12	ug/Kg	05/18/13	R/J	SW8260

Project ID: 27-21 44TH
Client ID: B1 5-8

Phoenix I.D.: BD80732

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Chlorotoluene	ND	12	ug/Kg	05/18/13	R/J	SW8260	
4-Methyl-2-pentanone	ND	58	ug/Kg	05/18/13	R/J	SW8260	
Acetone	ND	50	ug/Kg	05/18/13	R/J	SW8260	
Acrylonitrile	ND	12	ug/Kg	05/18/13	R/J	SW8260	
Benzene	ND	12	ug/Kg	05/18/13	R/J	SW8260	
Bromobenzene	ND	12	ug/Kg	05/18/13	R/J	SW8260	
Bromochloromethane	ND	12	ug/Kg	05/18/13	R/J	SW8260	
Bromodichloromethane	ND	12	ug/Kg	05/18/13	R/J	SW8260	
Bromoform	ND	12	ug/Kg	05/18/13	R/J	SW8260	
Bromomethane	ND	12	ug/Kg	05/18/13	R/J	SW8260	
Carbon Disulfide	ND	12	ug/Kg	05/18/13	R/J	SW8260	
Carbon tetrachloride	ND	12	ug/Kg	05/18/13	R/J	SW8260	
Chlorobenzene	ND	12	ug/Kg	05/18/13	R/J	SW8260	
Chloroethane	ND	12	ug/Kg	05/18/13	R/J	SW8260	
Chloroform	ND	12	ug/Kg	05/18/13	R/J	SW8260	
Chloromethane	ND	12	ug/Kg	05/18/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND	12	ug/Kg	05/18/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND	12	ug/Kg	05/18/13	R/J	SW8260	1
Dibromochloromethane	ND	7.0	ug/Kg	05/18/13	R/J	SW8260	
Dibromomethane	ND	12	ug/Kg	05/18/13	R/J	SW8260	
Dichlorodifluoromethane	ND	12	ug/Kg	05/18/13	R/J	SW8260	
Ethylbenzene	ND	12	ug/Kg	05/18/13	R/J	SW8260	
Hexachlorobutadiene	ND	12	ug/Kg	05/18/13	R/J	SW8260	
Isopropylbenzene	32	12	ug/Kg	05/18/13	R/J	SW8260	
m&p-Xylene	16	12	ug/Kg	05/18/13	R/J	SW8260	
Methyl Ethyl Ketone	ND	70	ug/Kg	05/18/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	23	ug/Kg	05/18/13	R/J	SW8260	
Methylene chloride	ND	12	ug/Kg	05/18/13	R/J	SW8260	
Naphthalene	ND	12	ug/Kg	05/18/13	R/J	SW8260	
n-Butylbenzene	18	12	ug/Kg	05/18/13	R/J	SW8260	
n-Propylbenzene	51	12	ug/Kg	05/18/13	R/J	SW8260	
o-Xylene	ND	12	ug/Kg	05/18/13	R/J	SW8260	
p-Isopropyltoluene	ND	12	ug/Kg	05/18/13	R/J	SW8260	
sec-Butylbenzene	18	12	ug/Kg	05/18/13	R/J	SW8260	
Styrene	ND	12	ug/Kg	05/18/13	R/J	SW8260	
tert-Butylbenzene	ND	12	ug/Kg	05/18/13	R/J	SW8260	
Tetrachloroethene	ND	12	ug/Kg	05/18/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND	23	ug/Kg	05/18/13	R/J	SW8260	1
Toluene	ND	12	ug/Kg	05/18/13	R/J	SW8260	
Total Xylenes	16	12	ug/Kg	05/18/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND	12	ug/Kg	05/18/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND	12	ug/Kg	05/18/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	23	ug/Kg	05/18/13	R/J	SW8260	
Trichloroethene	ND	12	ug/Kg	05/18/13	R/J	SW8260	
Trichlorofluoromethane	ND	12	ug/Kg	05/18/13	R/J	SW8260	
Trichlorotrifluoroethane	ND	12	ug/Kg	05/18/13	R/J	SW8260	
Vinyl chloride	ND	12	ug/Kg	05/18/13	R/J	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	97		%	05/18/13	R/J	70 - 130 %	
% Bromofluorobenzene	128		%	05/18/13	R/J	70 - 130 %	

Project ID: 27-21 44TH
Client ID: B1 5-8

Phoenix I.D.: BD80732

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Dibromofluoromethane	90		%	05/18/13	R/J	70 - 130 %
% Toluene-d8	112		%	05/18/13	R/J	70 - 130 %
Semivolatiles-STARS/CP-51						
Acenaphthene	ND	310	ug/Kg	05/22/13	DD	SW 8270
Acenaphthylene	ND	310	ug/Kg	05/22/13	DD	SW 8270
Anthracene	ND	310	ug/Kg	05/22/13	DD	SW 8270
Benz(a)anthracene	680	310	ug/Kg	05/22/13	DD	SW 8270
Benzo(a)pyrene	580	310	ug/Kg	05/22/13	DD	SW 8270
Benzo(b)fluoranthene	700	310	ug/Kg	05/22/13	DD	SW 8270
Benzo(ghi)perylene	410	310	ug/Kg	05/22/13	DD	SW 8270
Benzo(k)fluoranthene	ND	310	ug/Kg	05/22/13	DD	SW 8270
Chrysene	820	310	ug/Kg	05/22/13	DD	SW 8270
Dibenz(a,h)anthracene	ND	310	ug/Kg	05/22/13	DD	SW 8270
Fluoranthene	1600	310	ug/Kg	05/22/13	DD	SW 8270
Fluorene	ND	310	ug/Kg	05/22/13	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	310	ug/Kg	05/22/13	DD	SW 8270
Naphthalene	310	310	ug/Kg	05/22/13	DD	SW 8270
Phenanthrene	1100	310	ug/Kg	05/22/13	DD	SW 8270
Pyrene	1700	310	ug/Kg	05/22/13	DD	SW 8270
QA/QC Surrogates						
% 2-Fluorobiphenyl	72		%	05/22/13	DD	30 - 130 %
% Nitrobenzene-d5	65		%	05/22/13	DD	30 - 130 %
% Terphenyl-d14	111		%	05/22/13	DD	30 - 130 %

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

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

Comments:

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

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

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

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 23, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/17/13	0:00
Location Code:	EBC	Received by:	LB	05/17/13	15:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD80732
Phoenix ID: BD80733

Project ID: 27-21 44TH
Client ID: B2 4-7

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	74		%	05/17/13	JL	E160.3
Soil Extraction SVOA PAH	Completed			05/17/13	BJ/V	SW3545
Field Extraction	Completed			05/17/13		SW5035
Volatiles						
1,1,1,2-Tetrachloroethane	ND	1600	ug/Kg	05/18/13	R/J	SW8260
1,1,1-Trichloroethane	ND	1600	ug/Kg	05/18/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	940	ug/Kg	05/18/13	R/J	SW8260
1,1,2-Trichloroethane	ND	1600	ug/Kg	05/18/13	R/J	SW8260
1,1-Dichloroethane	ND	1600	ug/Kg	05/18/13	R/J	SW8260
1,1-Dichloroethene	ND	1600	ug/Kg	05/18/13	R/J	SW8260
1,1-Dichloropropene	ND	1600	ug/Kg	05/18/13	R/J	SW8260
1,2,3-Trichlorobenzene	ND	1600	ug/Kg	05/18/13	R/J	SW8260
1,2,3-Trichloropropane	ND	1600	ug/Kg	05/18/13	R/J	SW8260
1,2,4-Trichlorobenzene	ND	1600	ug/Kg	05/18/13	R/J	SW8260
1,2,4-Trimethylbenzene	ND	1600	ug/Kg	05/18/13	R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1600	ug/Kg	05/18/13	R/J	SW8260
1,2-Dibromoethane	ND	1600	ug/Kg	05/18/13	R/J	SW8260
1,2-Dichlorobenzene	ND	1600	ug/Kg	05/18/13	R/J	SW8260
1,2-Dichloroethane	ND	1600	ug/Kg	05/18/13	R/J	SW8260
1,2-Dichloropropane	ND	1600	ug/Kg	05/18/13	R/J	SW8260
1,3,5-Trimethylbenzene	ND	1600	ug/Kg	05/18/13	R/J	SW8260
1,3-Dichlorobenzene	ND	1600	ug/Kg	05/18/13	R/J	SW8260
1,3-Dichloropropane	ND	1600	ug/Kg	05/18/13	R/J	SW8260
1,4-Dichlorobenzene	ND	1600	ug/Kg	05/18/13	R/J	SW8260
2,2-Dichloropropane	ND	1600	ug/Kg	05/18/13	R/J	SW8260
2-Chlorotoluene	ND	1600	ug/Kg	05/18/13	R/J	SW8260
2-Hexanone	ND	7900	ug/Kg	05/18/13	R/J	SW8260
2-Isopropyltoluene	ND	1600	ug/Kg	05/18/13	R/J	SW8260

Project ID: 27-21 44TH
Client ID: B2 4-7

Phoenix I.D.: BD80733

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Chlorotoluene	ND	1600	ug/Kg	05/18/13	R/J	SW8260	
4-Methyl-2-pentanone	ND	7900	ug/Kg	05/18/13	R/J	SW8260	
Acetone	ND	31000	ug/Kg	05/18/13	R/J	SW8260	
Acrylonitrile	ND	1600	ug/Kg	05/18/13	R/J	SW8260	
Benzene	ND	1600	ug/Kg	05/18/13	R/J	SW8260	
Bromobenzene	ND	1600	ug/Kg	05/18/13	R/J	SW8260	
Bromochloromethane	ND	1600	ug/Kg	05/18/13	R/J	SW8260	
Bromodichloromethane	ND	1600	ug/Kg	05/18/13	R/J	SW8260	
Bromoform	ND	1600	ug/Kg	05/18/13	R/J	SW8260	
Bromomethane	ND	1600	ug/Kg	05/18/13	R/J	SW8260	
Carbon Disulfide	ND	1600	ug/Kg	05/18/13	R/J	SW8260	
Carbon tetrachloride	ND	1600	ug/Kg	05/18/13	R/J	SW8260	
Chlorobenzene	ND	1600	ug/Kg	05/18/13	R/J	SW8260	
Chloroethane	ND	1600	ug/Kg	05/18/13	R/J	SW8260	
Chloroform	ND	1600	ug/Kg	05/18/13	R/J	SW8260	
Chloromethane	ND	1600	ug/Kg	05/18/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND	1600	ug/Kg	05/18/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND	1600	ug/Kg	05/18/13	R/J	SW8260	1
Dibromochloromethane	ND	940	ug/Kg	05/18/13	R/J	SW8260	
Dibromomethane	ND	1600	ug/Kg	05/18/13	R/J	SW8260	
Dichlorodifluoromethane	ND	1600	ug/Kg	05/18/13	R/J	SW8260	
Ethylbenzene	ND	1600	ug/Kg	05/18/13	R/J	SW8260	
Hexachlorobutadiene	ND	1600	ug/Kg	05/18/13	R/J	SW8260	
Isopropylbenzene	2000	1600	ug/Kg	05/18/13	R/J	SW8260	
m&p-Xylene	ND	1600	ug/Kg	05/18/13	R/J	SW8260	
Methyl Ethyl Ketone	ND	9400	ug/Kg	05/18/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	3100	ug/Kg	05/18/13	R/J	SW8260	
Methylene chloride	ND	1600	ug/Kg	05/18/13	R/J	SW8260	
Naphthalene	ND	1600	ug/Kg	05/18/13	R/J	SW8260	
n-Butylbenzene	4000	1600	ug/Kg	05/18/13	R/J	SW8260	
n-Propylbenzene	4500	1600	ug/Kg	05/18/13	R/J	SW8260	
o-Xylene	ND	1600	ug/Kg	05/18/13	R/J	SW8260	
p-Isopropyltoluene	ND	1600	ug/Kg	05/18/13	R/J	SW8260	
sec-Butylbenzene	1700	1600	ug/Kg	05/18/13	R/J	SW8260	
Styrene	ND	1600	ug/Kg	05/18/13	R/J	SW8260	
tert-Butylbenzene	ND	1600	ug/Kg	05/18/13	R/J	SW8260	
Tetrachloroethene	ND	1600	ug/Kg	05/18/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND	3100	ug/Kg	05/18/13	R/J	SW8260	1
Toluene	ND	1600	ug/Kg	05/18/13	R/J	SW8260	
Total Xylenes	ND	1600	ug/Kg	05/18/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND	1600	ug/Kg	05/18/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND	1600	ug/Kg	05/18/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	3100	ug/Kg	05/18/13	R/J	SW8260	
Trichloroethene	ND	1600	ug/Kg	05/18/13	R/J	SW8260	
Trichlorofluoromethane	ND	1600	ug/Kg	05/18/13	R/J	SW8260	
Trichlorotrifluoroethane	ND	1600	ug/Kg	05/18/13	R/J	SW8260	
Vinyl chloride	ND	1600	ug/Kg	05/18/13	R/J	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	97		%	05/18/13	R/J	70 - 130 %	
% Bromofluorobenzene	144		%	05/18/13	R/J	70 - 130 %	3

Project ID: 27-21 44TH
Client ID: B2 4-7

Phoenix I.D.: BD80733

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Dibromofluoromethane	99		%	05/18/13	R/J	70 - 130 %
% Toluene-d8	109		%	05/18/13	R/J	70 - 130 %
Semivolatiles-STARS/CP-51						
Acenaphthene	ND	3100	ug/Kg	05/21/13	DD	SW 8270
Acenaphthylene	ND	3100	ug/Kg	05/21/13	DD	SW 8270
Anthracene	ND	3100	ug/Kg	05/21/13	DD	SW 8270
Benz(a)anthracene	ND	3100	ug/Kg	05/21/13	DD	SW 8270
Benzo(a)pyrene	ND	3100	ug/Kg	05/21/13	DD	SW 8270
Benzo(b)fluoranthene	ND	3100	ug/Kg	05/21/13	DD	SW 8270
Benzo(ghi)perylene	ND	3100	ug/Kg	05/21/13	DD	SW 8270
Benzo(k)fluoranthene	ND	3100	ug/Kg	05/21/13	DD	SW 8270
Chrysene	ND	3100	ug/Kg	05/21/13	DD	SW 8270
Dibenz(a,h)anthracene	ND	3100	ug/Kg	05/21/13	DD	SW 8270
Fluoranthene	ND	3100	ug/Kg	05/21/13	DD	SW 8270
Fluorene	ND	3100	ug/Kg	05/21/13	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	3100	ug/Kg	05/21/13	DD	SW 8270
Naphthalene	ND	3100	ug/Kg	05/21/13	DD	SW 8270
Phenanthrene	ND	3100	ug/Kg	05/21/13	DD	SW 8270
Pyrene	ND	3100	ug/Kg	05/21/13	DD	SW 8270
QA/QC Surrogates						
% 2-Fluorobiphenyl	*Diluted Out		%	05/21/13	DD	30 - 130 %
% Nitrobenzene-d5	*Diluted Out		%	05/21/13	DD	30 - 130 %
% Terphenyl-d14	*Diluted Out		%	05/21/13	DD	30 - 130 %

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

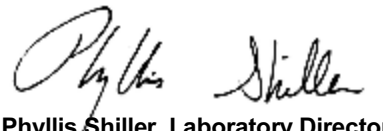
Comments:

Elevated surrogate recovery was observed for volatiles due to matrix interference.

* 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 semivolatile 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.
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Phyllis Shiller, Laboratory Director
May 23, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 23, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		05/17/13	0:00
Location Code:	EBC	Received by:	LB	05/17/13	15:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD80732
Phoenix ID: BD80734

Project ID: 27-21 44TH
Client ID: GW1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Semi-Volatile Extraction	Completed			05/17/13	I/D	SW3520	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	20	ug/L	05/19/13	R/T	SW8260	
1,1,1-Trichloroethane	ND	20	ug/L	05/19/13	R/T	SW8260	
1,1,2,2-Tetrachloroethane	ND	10	ug/L	05/19/13	R/T	SW8260	
1,1,2-Trichloroethane	ND	20	ug/L	05/19/13	R/T	SW8260	
1,1-Dichloroethane	ND	20	ug/L	05/19/13	R/T	SW8260	
1,1-Dichloroethene	ND	20	ug/L	05/19/13	R/T	SW8260	
1,1-Dichloropropene	ND	20	ug/L	05/19/13	R/T	SW8260	
1,2,3-Trichlorobenzene	ND	20	ug/L	05/19/13	R/T	SW8260	
1,2,3-Trichloropropane	ND	20	ug/L	05/19/13	R/T	SW8260	
1,2,4-Trichlorobenzene	ND	20	ug/L	05/19/13	R/T	SW8260	
1,2,4-Trimethylbenzene	ND	20	ug/L	05/19/13	R/T	SW8260	
1,2-Dibromo-3-chloropropane	ND	20	ug/L	05/19/13	R/T	SW8260	
1,2-Dibromoethane	ND	20	ug/L	05/19/13	R/T	SW8260	
1,2-Dichlorobenzene	ND	20	ug/L	05/19/13	R/T	SW8260	
1,2-Dichloroethane	ND	12	ug/L	05/19/13	R/T	SW8260	
1,2-Dichloropropane	ND	20	ug/L	05/19/13	R/T	SW8260	
1,3,5-Trimethylbenzene	ND	20	ug/L	05/19/13	R/T	SW8260	
1,3-Dichlorobenzene	ND	20	ug/L	05/19/13	R/T	SW8260	
1,3-Dichloropropane	ND	20	ug/L	05/19/13	R/T	SW8260	
1,4-Dichlorobenzene	ND	20	ug/L	05/19/13	R/T	SW8260	
2,2-Dichloropropane	ND	20	ug/L	05/19/13	R/T	SW8260	
2-Chlorotoluene	ND	20	ug/L	05/19/13	R/T	SW8260	
2-Hexanone	ND	100	ug/L	05/19/13	R/T	SW8260	
2-Isopropyltoluene	ND	20	ug/L	05/19/13	R/T	SW8260	1
4-Chlorotoluene	ND	20	ug/L	05/19/13	R/T	SW8260	
4-Methyl-2-pentanone	ND	100	ug/L	05/19/13	R/T	SW8260	

Project ID: 27-21 44TH
Client ID: GW1

Phoenix I.D.: BD80734

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Acetone	ND	500	ug/L	05/19/13	R/T	SW8260	
Acrylonitrile	ND	100	ug/L	05/19/13	R/T	SW8260	
Benzene	ND	14	ug/L	05/19/13	R/T	SW8260	
Bromobenzene	ND	20	ug/L	05/19/13	R/T	SW8260	
Bromochloromethane	ND	20	ug/L	05/19/13	R/T	SW8260	
Bromodichloromethane	ND	10	ug/L	05/19/13	R/T	SW8260	
Bromoform	ND	20	ug/L	05/19/13	R/T	SW8260	
Bromomethane	ND	20	ug/L	05/19/13	R/T	SW8260	
Carbon Disulfide	ND	100	ug/L	05/19/13	R/T	SW8260	
Carbon tetrachloride	ND	20	ug/L	05/19/13	R/T	SW8260	
Chlorobenzene	ND	20	ug/L	05/19/13	R/T	SW8260	
Chloroethane	ND	20	ug/L	05/19/13	R/T	SW8260	
Chloroform	ND	20	ug/L	05/19/13	R/T	SW8260	
Chloromethane	ND	20	ug/L	05/19/13	R/T	SW8260	
cis-1,2-Dichloroethene	ND	20	ug/L	05/19/13	R/T	SW8260	
cis-1,3-Dichloropropene	ND	10	ug/L	05/19/13	R/T	SW8260	1
Dibromochloromethane	ND	10	ug/L	05/19/13	R/T	SW8260	
Dibromomethane	ND	20	ug/L	05/19/13	R/T	SW8260	
Dichlorodifluoromethane	ND	20	ug/L	05/19/13	R/T	SW8260	
Ethylbenzene	ND	20	ug/L	05/19/13	R/T	SW8260	
Hexachlorobutadiene	ND	8.0	ug/L	05/19/13	R/T	SW8260	
Isopropylbenzene	ND	20	ug/L	05/19/13	R/T	SW8260	
m&p-Xylene	ND	20	ug/L	05/19/13	R/T	SW8260	
Methyl ethyl ketone	ND	100	ug/L	05/19/13	R/T	SW8260	
Methyl t-butyl ether (MTBE)	ND	20	ug/L	05/19/13	R/T	SW8260	
Methylene chloride	ND	20	ug/L	05/19/13	R/T	SW8260	
Naphthalene	ND	20	ug/L	05/19/13	R/T	SW8260	
n-Butylbenzene	ND	20	ug/L	05/19/13	R/T	SW8260	
n-Propylbenzene	21	20	ug/L	05/19/13	R/T	SW8260	
o-Xylene	ND	20	ug/L	05/19/13	R/T	SW8260	
p-Isopropyltoluene	ND	20	ug/L	05/19/13	R/T	SW8260	
sec-Butylbenzene	ND	20	ug/L	05/19/13	R/T	SW8260	
Styrene	ND	20	ug/L	05/19/13	R/T	SW8260	
tert-Butylbenzene	ND	20	ug/L	05/19/13	R/T	SW8260	
Tetrachloroethene	ND	20	ug/L	05/19/13	R/T	SW8260	
Tetrahydrofuran (THF)	ND	50	ug/L	05/19/13	R/T	SW8260	1
Toluene	ND	20	ug/L	05/19/13	R/T	SW8260	
Total Xylenes	ND	20	ug/L	05/19/13	R/T	SW8260	
trans-1,2-Dichloroethene	ND	20	ug/L	05/19/13	R/T	SW8260	
trans-1,3-Dichloropropene	ND	10	ug/L	05/19/13	R/T	SW8260	
trans-1,4-dichloro-2-butene	ND	100	ug/L	05/19/13	R/T	SW8260	
Trichloroethene	ND	20	ug/L	05/19/13	R/T	SW8260	
Trichlorofluoromethane	ND	20	ug/L	05/19/13	R/T	SW8260	
Trichlorotrifluoroethane	ND	20	ug/L	05/19/13	R/T	SW8260	
Vinyl chloride	ND	20	ug/L	05/19/13	R/T	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	05/19/13	R/T	70 - 130 %	
% Bromofluorobenzene	95		%	05/19/13	R/T	70 - 130 %	
% Dibromofluoromethane	101		%	05/19/13	R/T	70 - 130 %	
% Toluene-d8	101		%	05/19/13	R/T	70 - 130 %	

Project ID: 27-21 44TH
Client ID: GW1

Phoenix I.D.: BD80734

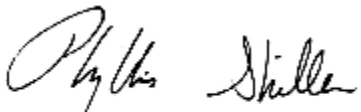
Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Semivolatiles by SIM						
2-Methylnaphthalene	0.98	0.10	ug/L	05/22/13	DD	8270(SIM)
Acenaphthene	1.4	0.10	ug/L	05/22/13	DD	8270(SIM)
Acenaphthylene	1.1	0.10	ug/L	05/22/13	DD	8270(SIM)
Anthracene	4.3	0.10	ug/L	05/22/13	DD	8270(SIM)
Benz(a)anthracene	11	0.020	ug/L	05/22/13	DD	8270(SIM)
Benzo(a)pyrene	11	0.020	ug/L	05/22/13	DD	8270(SIM)
Benzo(b)fluoranthene	13	0.020	ug/L	05/22/13	DD	8270(SIM)
Benzo(ghi)perylene	7.5	0.10	ug/L	05/22/13	DD	8270(SIM)
Benzo(k)fluoranthene	5.1	0.020	ug/L	05/22/13	DD	8270(SIM)
Chrysene	11	0.020	ug/L	05/22/13	DD	8270(SIM)
Dibenz(a,h)anthracene	1.5	0.010	ug/L	05/22/13	DD	8270(SIM)
Fluoranthene	19	0.10	ug/L	05/22/13	DD	8270(SIM)
Fluorene	1.4	0.10	ug/L	05/22/13	DD	8270(SIM)
Indeno(1,2,3-cd)pyrene	5.8	0.020	ug/L	05/22/13	DD	8270(SIM)
Naphthalene	1.5	0.10	ug/L	05/22/13	DD	8270(SIM)
Phenanthrene	14	0.070	ug/L	05/22/13	DD	8270(SIM)
Pyrene	21	0.10	ug/L	05/22/13	DD	8270(SIM)
QA/QC Surrogates						
% 2-Fluorobiphenyl	66		%	05/22/13	DD	30 - 130 %
% Nitrobenzene-d5	59		%	05/22/13	DD	30 - 130 %
% Terphenyl-d14	73		%	05/22/13	DD	30 - 130 %

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

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

Comments:

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

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 23, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		05/17/13	0:00
Location Code:	EBC	Received by:	LB	05/17/13	15:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD80732
Phoenix ID: BD80735

Project ID: 27-21 44TH
Client ID: GW2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Semi-Volatile Extraction	Completed			05/17/13	I/D	SW3520	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	40	ug/L	05/19/13	R/T	SW8260	
1,1,1-Trichloroethane	ND	40	ug/L	05/19/13	R/T	SW8260	
1,1,2,2-Tetrachloroethane	ND	20	ug/L	05/19/13	R/T	SW8260	
1,1,2-Trichloroethane	ND	40	ug/L	05/19/13	R/T	SW8260	
1,1-Dichloroethane	ND	40	ug/L	05/19/13	R/T	SW8260	
1,1-Dichloroethene	ND	40	ug/L	05/19/13	R/T	SW8260	
1,1-Dichloropropene	ND	40	ug/L	05/19/13	R/T	SW8260	
1,2,3-Trichlorobenzene	ND	40	ug/L	05/19/13	R/T	SW8260	
1,2,3-Trichloropropane	ND	40	ug/L	05/19/13	R/T	SW8260	
1,2,4-Trichlorobenzene	ND	40	ug/L	05/19/13	R/T	SW8260	
1,2,4-Trimethylbenzene	ND	40	ug/L	05/19/13	R/T	SW8260	
1,2-Dibromo-3-chloropropane	ND	40	ug/L	05/19/13	R/T	SW8260	
1,2-Dibromoethane	ND	40	ug/L	05/19/13	R/T	SW8260	
1,2-Dichlorobenzene	ND	40	ug/L	05/19/13	R/T	SW8260	
1,2-Dichloroethane	ND	24	ug/L	05/19/13	R/T	SW8260	
1,2-Dichloropropane	ND	40	ug/L	05/19/13	R/T	SW8260	
1,3,5-Trimethylbenzene	ND	40	ug/L	05/19/13	R/T	SW8260	
1,3-Dichlorobenzene	ND	40	ug/L	05/19/13	R/T	SW8260	
1,3-Dichloropropane	ND	40	ug/L	05/19/13	R/T	SW8260	
1,4-Dichlorobenzene	ND	40	ug/L	05/19/13	R/T	SW8260	
2,2-Dichloropropane	ND	40	ug/L	05/19/13	R/T	SW8260	
2-Chlorotoluene	ND	40	ug/L	05/19/13	R/T	SW8260	
2-Hexanone	ND	200	ug/L	05/19/13	R/T	SW8260	
2-Isopropyltoluene	ND	40	ug/L	05/19/13	R/T	SW8260	1
4-Chlorotoluene	ND	40	ug/L	05/19/13	R/T	SW8260	
4-Methyl-2-pentanone	ND	200	ug/L	05/19/13	R/T	SW8260	

Project ID: 27-21 44TH
Client ID: GW2

Phoenix I.D.: BD80735

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Acetone	ND	1000	ug/L	05/19/13	R/T	SW8260	
Acrylonitrile	ND	200	ug/L	05/19/13	R/T	SW8260	
Benzene	ND	28	ug/L	05/19/13	R/T	SW8260	
Bromobenzene	ND	40	ug/L	05/19/13	R/T	SW8260	
Bromochloromethane	ND	40	ug/L	05/19/13	R/T	SW8260	
Bromodichloromethane	ND	20	ug/L	05/19/13	R/T	SW8260	
Bromoform	ND	40	ug/L	05/19/13	R/T	SW8260	
Bromomethane	ND	40	ug/L	05/19/13	R/T	SW8260	
Carbon Disulfide	ND	200	ug/L	05/19/13	R/T	SW8260	
Carbon tetrachloride	ND	40	ug/L	05/19/13	R/T	SW8260	
Chlorobenzene	ND	40	ug/L	05/19/13	R/T	SW8260	
Chloroethane	ND	40	ug/L	05/19/13	R/T	SW8260	
Chloroform	ND	40	ug/L	05/19/13	R/T	SW8260	
Chloromethane	ND	40	ug/L	05/19/13	R/T	SW8260	
cis-1,2-Dichloroethene	ND	40	ug/L	05/19/13	R/T	SW8260	
cis-1,3-Dichloropropene	ND	20	ug/L	05/19/13	R/T	SW8260	1
Dibromochloromethane	ND	20	ug/L	05/19/13	R/T	SW8260	
Dibromomethane	ND	40	ug/L	05/19/13	R/T	SW8260	
Dichlorodifluoromethane	ND	40	ug/L	05/19/13	R/T	SW8260	
Ethylbenzene	ND	40	ug/L	05/19/13	R/T	SW8260	
Hexachlorobutadiene	ND	16	ug/L	05/19/13	R/T	SW8260	
Isopropylbenzene	47	40	ug/L	05/19/13	R/T	SW8260	
m&p-Xylene	ND	40	ug/L	05/19/13	R/T	SW8260	
Methyl ethyl ketone	ND	200	ug/L	05/19/13	R/T	SW8260	
Methyl t-butyl ether (MTBE)	ND	40	ug/L	05/19/13	R/T	SW8260	
Methylene chloride	ND	40	ug/L	05/19/13	R/T	SW8260	
Naphthalene	ND	40	ug/L	05/19/13	R/T	SW8260	
n-Butylbenzene	66	40	ug/L	05/19/13	R/T	SW8260	
n-Propylbenzene	110	40	ug/L	05/19/13	R/T	SW8260	
o-Xylene	ND	40	ug/L	05/19/13	R/T	SW8260	
p-Isopropyltoluene	ND	40	ug/L	05/19/13	R/T	SW8260	
sec-Butylbenzene	ND	40	ug/L	05/19/13	R/T	SW8260	
Styrene	ND	40	ug/L	05/19/13	R/T	SW8260	
tert-Butylbenzene	ND	40	ug/L	05/19/13	R/T	SW8260	
Tetrachloroethene	ND	40	ug/L	05/19/13	R/T	SW8260	
Tetrahydrofuran (THF)	ND	100	ug/L	05/19/13	R/T	SW8260	1
Toluene	ND	40	ug/L	05/19/13	R/T	SW8260	
Total Xylenes	ND	40	ug/L	05/19/13	R/T	SW8260	
trans-1,2-Dichloroethene	ND	40	ug/L	05/19/13	R/T	SW8260	
trans-1,3-Dichloropropene	ND	20	ug/L	05/19/13	R/T	SW8260	
trans-1,4-dichloro-2-butene	ND	200	ug/L	05/19/13	R/T	SW8260	
Trichloroethene	ND	40	ug/L	05/19/13	R/T	SW8260	
Trichlorofluoromethane	ND	40	ug/L	05/19/13	R/T	SW8260	
Trichlorotrifluoroethane	ND	40	ug/L	05/19/13	R/T	SW8260	
Vinyl chloride	ND	40	ug/L	05/19/13	R/T	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	05/19/13	R/T	70 - 130 %	
% Bromofluorobenzene	104		%	05/19/13	R/T	70 - 130 %	
% Dibromofluoromethane	98		%	05/19/13	R/T	70 - 130 %	
% Toluene-d8	105		%	05/19/13	R/T	70 - 130 %	

Project ID: 27-21 44TH
Client ID: GW2

Phoenix I.D.: BD80735

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Polynuclear Aromatic HC						
2-Methylnaphthalene	ND	50	ug/L	05/22/13	DD	SW 8270
Acenaphthene	ND	50	ug/L	05/22/13	DD	SW 8270
Acenaphthylene	ND	50	ug/L	05/22/13	DD	SW 8270
Anthracene	ND	50	ug/L	05/22/13	DD	SW 8270
Benz(a)anthracene	ND	50	ug/L	05/22/13	DD	SW 8270
Benzo(a)pyrene	ND	50	ug/L	05/22/13	DD	SW 8270
Benzo(b)fluoranthene	ND	50	ug/L	05/22/13	DD	SW 8270
Benzo(ghi)perylene	ND	50	ug/L	05/22/13	DD	SW 8270
Benzo(k)fluoranthene	ND	50	ug/L	05/22/13	DD	SW 8270
Chrysene	ND	50	ug/L	05/22/13	DD	SW 8270
Dibenz(a,h)anthracene	ND	50	ug/L	05/22/13	DD	SW 8270
Fluoranthene	73	50	ug/L	05/22/13	DD	SW 8270
Fluorene	ND	50	ug/L	05/22/13	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	50	ug/L	05/22/13	DD	SW 8270
Naphthalene	57	50	ug/L	05/22/13	DD	SW 8270
Phenanthrene	51	50	ug/L	05/22/13	DD	SW 8270
Pyrene	69	50	ug/L	05/22/13	DD	SW 8270
QA/QC Surrogates						
% 2-Fluorobiphenyl	*Diluted Out		%	05/22/13	DD	30 - 130 %
% Nitrobenzene-d5	*Diluted Out		%	05/22/13	DD	30 - 130 %
% Terphenyl-d14	*Diluted Out		%	05/22/13	DD	30 - 130 %

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

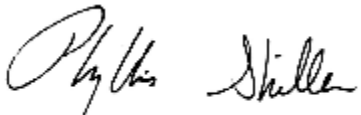
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected BRL=Below Reporting Level

Comments:

Elevated reporting limits for volatiles due to the presence of non-target compounds.

* 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 semivolatile analysis.

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

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 23, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/17/13	0:00
Location Code:	EBC	Received by:	LB	05/17/13	15:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD80732
Phoenix ID: BD80736

Project ID: 27-21 44TH
Client ID: TRIP BLANK HIGH

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	05/17/13		E160.3
Field Extraction	Completed			05/17/13		SW5035
Volatiles						
1,1,1,2-Tetrachloroethane	ND	250	ug/Kg	05/18/13	R/J	SW8260
1,1,1-Trichloroethane	ND	250	ug/Kg	05/18/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	250	ug/Kg	05/18/13	R/J	SW8260
1,1,2-Trichloroethane	ND	250	ug/Kg	05/18/13	R/J	SW8260
1,1-Dichloroethane	ND	250	ug/Kg	05/18/13	R/J	SW8260
1,1-Dichloroethene	ND	250	ug/Kg	05/18/13	R/J	SW8260
1,1-Dichloropropene	ND	250	ug/Kg	05/18/13	R/J	SW8260
1,2,3-Trichlorobenzene	ND	250	ug/Kg	05/18/13	R/J	SW8260
1,2,3-Trichloropropane	ND	250	ug/Kg	05/18/13	R/J	SW8260
1,2,4-Trichlorobenzene	ND	250	ug/Kg	05/18/13	R/J	SW8260
1,2,4-Trimethylbenzene	ND	250	ug/Kg	05/18/13	R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	250	ug/Kg	05/18/13	R/J	SW8260
1,2-Dibromoethane	ND	250	ug/Kg	05/18/13	R/J	SW8260
1,2-Dichlorobenzene	ND	250	ug/Kg	05/18/13	R/J	SW8260
1,2-Dichloroethane	ND	250	ug/Kg	05/18/13	R/J	SW8260
1,2-Dichloropropane	ND	250	ug/Kg	05/18/13	R/J	SW8260
1,3,5-Trimethylbenzene	ND	250	ug/Kg	05/18/13	R/J	SW8260
1,3-Dichlorobenzene	ND	250	ug/Kg	05/18/13	R/J	SW8260
1,3-Dichloropropane	ND	250	ug/Kg	05/18/13	R/J	SW8260
1,4-Dichlorobenzene	ND	250	ug/Kg	05/18/13	R/J	SW8260
2,2-Dichloropropane	ND	250	ug/Kg	05/18/13	R/J	SW8260
2-Chlorotoluene	ND	250	ug/Kg	05/18/13	R/J	SW8260
2-Hexanone	ND	1300	ug/Kg	05/18/13	R/J	SW8260
2-Isopropyltoluene	ND	250	ug/Kg	05/18/13	R/J	SW8260
4-Chlorotoluene	ND	250	ug/Kg	05/18/13	R/J	SW8260

Project ID: 27-21 44TH
Client ID: TRIP BLANK HIGH

Phoenix I.D.: BD80736

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	1300	ug/Kg	05/18/13	R/J	SW8260	
Acetone	ND	5000	ug/Kg	05/18/13	R/J	SW8260	
Acrylonitrile	ND	500	ug/Kg	05/18/13	R/J	SW8260	
Benzene	ND	250	ug/Kg	05/18/13	R/J	SW8260	
Bromobenzene	ND	250	ug/Kg	05/18/13	R/J	SW8260	
Bromochloromethane	ND	250	ug/Kg	05/18/13	R/J	SW8260	
Bromodichloromethane	ND	250	ug/Kg	05/18/13	R/J	SW8260	
Bromoform	ND	250	ug/Kg	05/18/13	R/J	SW8260	
Bromomethane	ND	250	ug/Kg	05/18/13	R/J	SW8260	
Carbon Disulfide	ND	250	ug/Kg	05/18/13	R/J	SW8260	
Carbon tetrachloride	ND	250	ug/Kg	05/18/13	R/J	SW8260	
Chlorobenzene	ND	250	ug/Kg	05/18/13	R/J	SW8260	
Chloroethane	ND	250	ug/Kg	05/18/13	R/J	SW8260	
Chloroform	ND	250	ug/Kg	05/18/13	R/J	SW8260	
Chloromethane	ND	250	ug/Kg	05/18/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND	250	ug/Kg	05/18/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND	250	ug/Kg	05/18/13	R/J	SW8260	1
Dibromochloromethane	ND	250	ug/Kg	05/18/13	R/J	SW8260	
Dibromomethane	ND	250	ug/Kg	05/18/13	R/J	SW8260	
Dichlorodifluoromethane	ND	250	ug/Kg	05/18/13	R/J	SW8260	
Ethylbenzene	ND	250	ug/Kg	05/18/13	R/J	SW8260	
Hexachlorobutadiene	ND	250	ug/Kg	05/18/13	R/J	SW8260	
Isopropylbenzene	ND	250	ug/Kg	05/18/13	R/J	SW8260	
m&p-Xylene	ND	250	ug/Kg	05/18/13	R/J	SW8260	
Methyl Ethyl Ketone	ND	3000	ug/Kg	05/18/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	250	ug/Kg	05/18/13	R/J	SW8260	
Methylene chloride	ND	500	ug/Kg	05/18/13	R/J	SW8260	
Naphthalene	ND	250	ug/Kg	05/18/13	R/J	SW8260	
n-Butylbenzene	ND	250	ug/Kg	05/18/13	R/J	SW8260	
n-Propylbenzene	ND	250	ug/Kg	05/18/13	R/J	SW8260	
o-Xylene	ND	250	ug/Kg	05/18/13	R/J	SW8260	
p-Isopropyltoluene	ND	250	ug/Kg	05/18/13	R/J	SW8260	
sec-Butylbenzene	ND	250	ug/Kg	05/18/13	R/J	SW8260	
Styrene	ND	250	ug/Kg	05/18/13	R/J	SW8260	
tert-Butylbenzene	ND	250	ug/Kg	05/18/13	R/J	SW8260	
Tetrachloroethene	ND	250	ug/Kg	05/18/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND	500	ug/Kg	05/18/13	R/J	SW8260	1
Toluene	ND	250	ug/Kg	05/18/13	R/J	SW8260	
Total Xylenes	ND	250	ug/Kg	05/18/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND	250	ug/Kg	05/18/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND	250	ug/Kg	05/18/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	500	ug/Kg	05/18/13	R/J	SW8260	
Trichloroethene	ND	250	ug/Kg	05/18/13	R/J	SW8260	
Trichlorofluoromethane	ND	250	ug/Kg	05/18/13	R/J	SW8260	
Trichlorotrifluoroethane	ND	250	ug/Kg	05/18/13	R/J	SW8260	
Vinyl chloride	ND	250	ug/Kg	05/18/13	R/J	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	05/18/13	R/J	70 - 130 %	
% Bromofluorobenzene	93		%	05/18/13	R/J	70 - 130 %	
% Dibromofluoromethane	111		%	05/18/13	R/J	70 - 130 %	

Project ID: 27-21 44TH
Client ID: TRIP BLANK HIGH

Phoenix I.D.: BD80736

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Toluene-d8	102		%	05/18/13	R/J	70 - 130 %

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

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

Comments:

TRIP BLANK INCLUDED 100% SOLID ASSUMED

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

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

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 23, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/17/13	0:00
Location Code:	EBC	Received by:	LB	05/17/13	15:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD80732
Phoenix ID: BD80737

Project ID: 27-21 44TH
Client ID: TRIP BLANK LOW

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	05/17/13		E160.3
Field Extraction	Completed			05/17/13		SW5035
Volatiles						
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	05/18/13	R/J	SW8260
1,1,1-Trichloroethane	ND	5.0	ug/Kg	05/18/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	3.0	ug/Kg	05/18/13	R/J	SW8260
1,1,2-Trichloroethane	ND	5.0	ug/Kg	05/18/13	R/J	SW8260
1,1-Dichloroethane	ND	5.0	ug/Kg	05/18/13	R/J	SW8260
1,1-Dichloroethene	ND	5.0	ug/Kg	05/18/13	R/J	SW8260
1,1-Dichloropropene	ND	5.0	ug/Kg	05/18/13	R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	05/18/13	R/J	SW8260
1,2,3-Trichloropropane	ND	5.0	ug/Kg	05/18/13	R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	05/18/13	R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	05/18/13	R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	05/18/13	R/J	SW8260
1,2-Dibromoethane	ND	5.0	ug/Kg	05/18/13	R/J	SW8260
1,2-Dichlorobenzene	ND	5.0	ug/Kg	05/18/13	R/J	SW8260
1,2-Dichloroethane	ND	5.0	ug/Kg	05/18/13	R/J	SW8260
1,2-Dichloropropane	ND	5.0	ug/Kg	05/18/13	R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	05/18/13	R/J	SW8260
1,3-Dichlorobenzene	ND	5.0	ug/Kg	05/18/13	R/J	SW8260
1,3-Dichloropropane	ND	5.0	ug/Kg	05/18/13	R/J	SW8260
1,4-Dichlorobenzene	ND	5.0	ug/Kg	05/18/13	R/J	SW8260
2,2-Dichloropropane	ND	5.0	ug/Kg	05/18/13	R/J	SW8260
2-Chlorotoluene	ND	5.0	ug/Kg	05/18/13	R/J	SW8260
2-Hexanone	ND	25	ug/Kg	05/18/13	R/J	SW8260
2-Isopropyltoluene	ND	5.0	ug/Kg	05/18/13	R/J	SW8260
4-Chlorotoluene	ND	5.0	ug/Kg	05/18/13	R/J	SW8260

Project ID: 27-21 44TH
Client ID: TRIP BLANK LOW

Phoenix I.D.: BD80737

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	25	ug/Kg	05/18/13	R/J	SW8260	
Acetone	ND	50	ug/Kg	05/18/13	R/J	SW8260	
Acrylonitrile	ND	5.0	ug/Kg	05/18/13	R/J	SW8260	
Benzene	ND	5.0	ug/Kg	05/18/13	R/J	SW8260	
Bromobenzene	ND	5.0	ug/Kg	05/18/13	R/J	SW8260	
Bromochloromethane	ND	5.0	ug/Kg	05/18/13	R/J	SW8260	
Bromodichloromethane	ND	5.0	ug/Kg	05/18/13	R/J	SW8260	
Bromoform	ND	5.0	ug/Kg	05/18/13	R/J	SW8260	
Bromomethane	ND	5.0	ug/Kg	05/18/13	R/J	SW8260	
Carbon Disulfide	ND	5.0	ug/Kg	05/18/13	R/J	SW8260	
Carbon tetrachloride	ND	5.0	ug/Kg	05/18/13	R/J	SW8260	
Chlorobenzene	ND	5.0	ug/Kg	05/18/13	R/J	SW8260	
Chloroethane	ND	5.0	ug/Kg	05/18/13	R/J	SW8260	
Chloroform	ND	5.0	ug/Kg	05/18/13	R/J	SW8260	
Chloromethane	ND	5.0	ug/Kg	05/18/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	05/18/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	05/18/13	R/J	SW8260	1
Dibromochloromethane	ND	3.0	ug/Kg	05/18/13	R/J	SW8260	
Dibromomethane	ND	5.0	ug/Kg	05/18/13	R/J	SW8260	
Dichlorodifluoromethane	ND	5.0	ug/Kg	05/18/13	R/J	SW8260	
Ethylbenzene	ND	5.0	ug/Kg	05/18/13	R/J	SW8260	
Hexachlorobutadiene	ND	5.0	ug/Kg	05/18/13	R/J	SW8260	
Isopropylbenzene	ND	5.0	ug/Kg	05/18/13	R/J	SW8260	
m&p-Xylene	ND	5.0	ug/Kg	05/18/13	R/J	SW8260	
Methyl Ethyl Ketone	ND	30	ug/Kg	05/18/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	05/18/13	R/J	SW8260	
Methylene chloride	ND	5.0	ug/Kg	05/18/13	R/J	SW8260	
Naphthalene	ND	5.0	ug/Kg	05/18/13	R/J	SW8260	
n-Butylbenzene	ND	5.0	ug/Kg	05/18/13	R/J	SW8260	
n-Propylbenzene	ND	5.0	ug/Kg	05/18/13	R/J	SW8260	
o-Xylene	ND	5.0	ug/Kg	05/18/13	R/J	SW8260	
p-Isopropyltoluene	ND	5.0	ug/Kg	05/18/13	R/J	SW8260	
sec-Butylbenzene	ND	5.0	ug/Kg	05/18/13	R/J	SW8260	
Styrene	ND	5.0	ug/Kg	05/18/13	R/J	SW8260	
tert-Butylbenzene	ND	5.0	ug/Kg	05/18/13	R/J	SW8260	
Tetrachloroethene	ND	5.0	ug/Kg	05/18/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND	10	ug/Kg	05/18/13	R/J	SW8260	1
Toluene	ND	5.0	ug/Kg	05/18/13	R/J	SW8260	
Total Xylenes	ND	5.0	ug/Kg	05/18/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	05/18/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	05/18/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	05/18/13	R/J	SW8260	
Trichloroethene	ND	5.0	ug/Kg	05/18/13	R/J	SW8260	
Trichlorofluoromethane	ND	5.0	ug/Kg	05/18/13	R/J	SW8260	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	05/18/13	R/J	SW8260	
Vinyl chloride	ND	5.0	ug/Kg	05/18/13	R/J	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	05/18/13	R/J	70 - 130 %	
% Bromofluorobenzene	93		%	05/18/13	R/J	70 - 130 %	
% Dibromofluoromethane	109		%	05/18/13	R/J	70 - 130 %	

Project ID: 27-21 44TH
Client ID: TRIP BLANK LOW

Phoenix I.D.: BD80737

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Toluene-d8	107		%	05/18/13	R/J	70 - 130 %

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

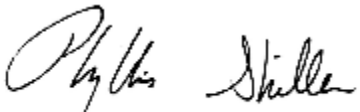
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected BRL=Below Reporting Level

Comments:

TRIP BLANK INCLUDED 100% SOLID ASSUMED

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

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

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

May 23, 2013

QA/QC Data

SDG I.D.: GBD80732

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 231177, QC Sample No: BD70474 (BD80732, BD80736 (50X) , BD80737)										
Volatiles - Soil										
1,1,1,2-Tetrachloroethane	ND	108	109	0.9	105	103	1.9	70 - 130	30	
1,1,1-Trichloroethane	ND	104	104	0.0	87	92	5.6	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	105	106	0.9	111	107	3.7	70 - 130	30	
1,1,2-Trichloroethane	ND	112	111	0.9	105	103	1.9	70 - 130	30	
1,1-Dichloroethane	ND	115	116	0.9	109	108	0.9	70 - 130	30	
1,1-Dichloroethene	ND	120	121	0.8	88	86	2.3	70 - 130	30	
1,1-Dichloropropene	ND	112	111	0.9	108	107	0.9	70 - 130	30	
1,2,3-Trichlorobenzene	ND	103	102	1.0	103	98	5.0	70 - 130	30	
1,2,3-Trichloropropane	ND	104	103	1.0	98	96	2.1	70 - 130	30	
1,2,4-Trichlorobenzene	ND	103	102	1.0	109	101	7.6	70 - 130	30	
1,2,4-Trimethylbenzene	ND	115	113	1.8	111	104	6.5	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	98	100	2.0	94	90	4.3	70 - 130	30	
1,2-Dibromoethane	ND	104	106	1.9	102	100	2.0	70 - 130	30	
1,2-Dichlorobenzene	ND	109	107	1.9	108	103	4.7	70 - 130	30	
1,2-Dichloroethane	ND	95	94	1.1	89	88	1.1	70 - 130	30	
1,2-Dichloropropane	ND	112	112	0.0	108	107	0.9	70 - 130	30	
1,3,5-Trimethylbenzene	ND	113	111	1.8	110	103	6.6	70 - 130	30	
1,3-Dichlorobenzene	ND	112	110	1.8	112	106	5.5	70 - 130	30	
1,3-Dichloropropane	ND	105	107	1.9	104	103	1.0	70 - 130	30	
1,4-Dichlorobenzene	ND	111	108	2.7	110	104	5.6	70 - 130	30	
2,2-Dichloropropane	ND	91	109	18.0	98	98	0.0	70 - 130	30	
2-Chlorotoluene	ND	115	115	0.0	112	105	6.5	70 - 130	30	
2-Hexanone	ND	90	88	2.2	56	55	1.8	70 - 130	30	m
2-Isopropyltoluene	ND	111	110	0.9	110	103	6.6	70 - 130	30	
4-Chlorotoluene	ND	112	110	1.8	113	106	6.4	70 - 130	30	
4-Methyl-2-pentanone	ND	105	101	3.9	91	89	2.2	70 - 130	30	
Acetone	ND	105	85	21.1	44	<40	NC	70 - 130	30	m
Acrylonitrile	ND	108	110	1.8	104	102	1.9	70 - 130	30	
Benzene	ND	113	112	0.9	110	109	0.9	70 - 130	30	
Bromobenzene	ND	112	110	1.8	109	105	3.7	70 - 130	30	
Bromochloromethane	ND	95	106	10.9	92	90	2.2	70 - 130	30	
Bromodichloromethane	ND	103	103	0.0	99	97	2.0	70 - 130	30	
Bromoform	ND	109	109	0.0	98	97	1.0	70 - 130	30	
Bromomethane	ND	107	120	11.5	53	64	18.8	70 - 130	30	m
Carbon Disulfide	ND	117	118	0.9	96	95	1.0	70 - 130	30	
Carbon tetrachloride	ND	99	103	4.0	78	92	16.5	70 - 130	30	
Chlorobenzene	ND	111	111	0.0	109	105	3.7	70 - 130	30	
Chloroethane	ND	110	111	0.9	<40	<40	NC	70 - 130	30	m
Chloroform	ND	92	111	18.7	86	84	2.4	70 - 130	30	
Chloromethane	ND	108	116	7.1	93	102	9.2	70 - 130	30	
cis-1,2-Dichloroethene	ND	124	122	1.6	117	114	2.6	70 - 130	30	

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
cis-1,3-Dichloropropene	ND	106	108	1.9	108	108	0.0	70 - 130	30	
Dibromochloromethane	ND	105	107	1.9	102	99	3.0	70 - 130	30	
Dibromomethane	ND	105	103	1.9	97	97	0.0	70 - 130	30	
Dichlorodifluoromethane	ND	115	118	2.6	97	97	0.0	70 - 130	30	
Ethylbenzene	ND	111	111	0.0	113	108	4.5	70 - 130	30	
Hexachlorobutadiene	ND	100	99	1.0	104	93	11.2	70 - 130	30	
Isopropylbenzene	ND	119	118	0.8	116	110	5.3	70 - 130	30	
m&p-Xylene	ND	115	115	0.0	115	110	4.4	70 - 130	30	
Methyl ethyl ketone	ND	87	86	1.2	51	46	10.3	70 - 130	30	m
Methyl t-butyl ether (MTBE)	ND	105	109	3.7	117	118	0.9	70 - 130	30	
Methylene chloride	ND	110	110	0.0	109	107	1.9	70 - 130	30	
Naphthalene	ND	102	102	0.0	101	97	4.0	70 - 130	30	
n-Butylbenzene	ND	110	110	0.0	109	99	9.6	70 - 130	30	
n-Propylbenzene	ND	120	119	0.8	117	110	6.2	70 - 130	30	
o-Xylene	ND	119	119	0.0	117	113	3.5	70 - 130	30	
p-Isopropyltoluene	ND	115	113	1.8	114	106	7.3	70 - 130	30	
sec-Butylbenzene	ND	111	110	0.9	111	104	6.5	70 - 130	30	
Styrene	ND	115	114	0.9	116	112	3.5	70 - 130	30	
tert-Butylbenzene	ND	113	112	0.9	109	103	5.7	70 - 130	30	
Tetrachloroethene	ND	114	114	0.0	111	106	4.6	70 - 130	30	
Tetrahydrofuran (THF)	ND	109	105	3.7	78	94	18.6	70 - 130	30	
Toluene	ND	112	110	1.8	109	105	3.7	70 - 130	30	
trans-1,2-Dichloroethene	ND	121	123	1.6	115	114	0.9	70 - 130	30	
trans-1,3-Dichloropropene	ND	102	107	4.8	104	103	1.0	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	107	118	9.8	105	104	1.0	70 - 130	30	
Trichloroethene	ND	119	114	4.3	106	103	2.9	70 - 130	30	
Trichlorofluoromethane	ND	105	105	0.0	<40	<40	NC	70 - 130	30	m
Trichlorotrifluoroethane	ND	112	115	2.6	96	95	1.0	70 - 130	30	
Vinyl chloride	ND	118	121	2.5	117	116	0.9	70 - 130	30	
% 1,2-dichlorobenzene-d4	103	98	98	0.0	97	96	1.0	70 - 130	30	
% Bromofluorobenzene	96	98	99	1.0	98	97	1.0	70 - 130	30	
% Dibromofluoromethane	110	105	107	1.9	83	102	20.5	70 - 130	30	
% Toluene-d8	102	102	101	1.0	102	102	0.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 231008, QC Sample No: BD80191 (BD80734, BD80735)

Semivolatiles - Ground Water

2-Methylnaphthalene	ND	78	79	1.3				30 - 130	20	
Acenaphthene	ND	81	79	2.5				30 - 130	20	
Acenaphthylene	ND	81	81	0.0				30 - 130	20	
Anthracene	ND	82	83	1.2				30 - 130	20	
Benz(a)anthracene	ND	88	87	1.1				30 - 130	20	
Benzo(a)pyrene	ND	86	86	0.0				30 - 130	20	
Benzo(b)fluoranthene	ND	96	100	4.1				30 - 130	20	
Benzo(ghi)perylene	ND	90	90	0.0				30 - 130	20	
Benzo(k)fluoranthene	ND	97	92	5.3				30 - 130	20	
Chrysene	ND	89	89	0.0				30 - 130	20	
Dibenz(a,h)anthracene	ND	85	85	0.0				30 - 130	20	
Fluoranthene	ND	91	92	1.1				30 - 130	20	
Fluorene	ND	90	90	0.0				30 - 130	20	
Indeno(1,2,3-cd)pyrene	ND	86	86	0.0				30 - 130	20	
Naphthalene	ND	85	86	1.2				30 - 130	20	

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Phenanthrene	ND	85	85	0.0				30 - 130	20	
Pyrene	ND	90	91	1.1				30 - 130	20	
% 2-Fluorobiphenyl	86	82	81	1.2				30 - 130	20	
% Nitrobenzene-d5	94	65	67	3.0				30 - 130	20	
% Terphenyl-d14	105	100	100	0.0				30 - 130	20	

Comment:

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

QA/QC Batch 231171, QC Sample No: BD80709 (BD80733 (200X))

Volatiles - Soil

1,1,1,2-Tetrachloroethane	ND	104	102	1.9	97	98	1.0	70 - 130	30	
1,1,1-Trichloroethane	ND	103	102	1.0	101	101	0.0	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	91	93	2.2	99	105	5.9	70 - 130	30	
1,1,2-Trichloroethane	ND	106	105	0.9	100	102	2.0	70 - 130	30	
1,1-Dichloroethane	ND	109	108	0.9	108	107	0.9	70 - 130	30	
1,1-Dichloroethene	ND	115	114	0.9	110	113	2.7	70 - 130	30	
1,1-Dichloropropene	ND	109	107	1.9	102	102	0.0	70 - 130	30	
1,2,3-Trichlorobenzene	ND	92	89	3.3	58	54	7.1	70 - 130	30	m
1,2,3-Trichloropropane	ND	97	96	1.0	89	95	6.5	70 - 130	30	
1,2,4-Trichlorobenzene	ND	88	85	3.5	69	61	12.3	70 - 130	30	m
1,2,4-Trimethylbenzene	ND	106	103	2.9	<40	<40	NC	70 - 130	30	m
1,2-Dibromo-3-chloropropane	ND	91	96	5.3	90	95	5.4	70 - 130	30	
1,2-Dibromoethane	ND	100	99	1.0	95	98	3.1	70 - 130	30	
1,2-Dichlorobenzene	ND	99	96	3.1	44	<40	NC	70 - 130	30	m
1,2-Dichloroethane	ND	91	90	1.1	88	88	0.0	70 - 130	30	
1,2-Dichloropropane	ND	107	106	0.9	104	106	1.9	70 - 130	30	
1,3,5-Trimethylbenzene	ND	105	102	2.9	60	56	6.9	70 - 130	30	m
1,3-Dichlorobenzene	ND	100	97	3.0	84	80	4.9	70 - 130	30	
1,3-Dichloropropane	ND	102	101	1.0	96	98	2.1	70 - 130	30	
1,4-Dichlorobenzene	ND	97	95	2.1	75	68	9.8	70 - 130	30	m
2,2-Dichloropropane	ND	97	122	22.8	96	113	16.3	70 - 130	30	
2-Chlorotoluene	ND	107	104	2.8	62	56	10.2	70 - 130	30	m
2-Hexanone	ND	74	72	2.7	<40	<40	NC	70 - 130	30	m
2-Isopropyltoluene	ND	106	103	2.9	75	72	4.1	70 - 130	30	
4-Chlorotoluene	ND	101	99	2.0	67	59	12.7	70 - 130	30	m
4-Methyl-2-pentanone	ND	92	94	2.2	57	68	17.6	70 - 130	30	m
Acetone	ND	77	67	13.9	49	53	7.8	70 - 130	30	l,m
Acrylonitrile	ND	99	96	3.1	95	104	9.0	70 - 130	30	
Benzene	ND	109	108	0.9	88	86	2.3	70 - 130	30	
Bromobenzene	ND	103	101	2.0	50	40	22.2	70 - 130	30	m
Bromochloromethane	ND	114	112	1.8	88	112	24.0	70 - 130	30	
Bromodichloromethane	ND	99	99	0.0	96	97	1.0	70 - 130	30	
Bromoform	ND	102	101	1.0	92	96	4.3	70 - 130	30	
Bromomethane	ND	104	113	8.3	112	112	0.0	70 - 130	30	
Carbon Disulfide	ND	112	110	1.8	116	116	0.0	70 - 130	30	
Carbon tetrachloride	ND	100	100	0.0	99	100	1.0	70 - 130	30	
Chlorobenzene	ND	106	103	2.9	70	63	10.5	70 - 130	30	m
Chloroethane	ND	106	104	1.9	109	108	0.9	70 - 130	30	
Chloroform	ND	107	106	0.9	100	104	3.9	70 - 130	30	
Chloromethane	ND	105	110	4.7	107	110	2.8	70 - 130	30	
cis-1,2-Dichloroethene	ND	116	144	21.5	104	103	1.0	70 - 130	30	l
cis-1,3-Dichloropropene	ND	100	101	1.0	91	91	0.0	70 - 130	30	

QA/QC Data

SDG I.D.: GBD80732

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Dibromochloromethane	ND	102	102	0.0	92	95	3.2	70 - 130	30	
Dibromomethane	ND	100	100	0.0	91	93	2.2	70 - 130	30	
Dichlorodifluoromethane	ND	116	116	0.0	114	117	2.6	70 - 130	30	
Ethylbenzene	ND	107	105	1.9	66	57	14.6	70 - 130	30	m
Hexachlorobutadiene	ND	96	91	5.3	66	67	1.5	70 - 130	30	m
Isopropylbenzene	ND	114	112	1.8	71	64	10.4	70 - 130	30	m
m&p-Xylene	ND	109	106	2.8	63	53	17.2	70 - 130	30	m
Methyl ethyl ketone	ND	71	69	2.9	46	52	12.2	70 - 130	30	l,m
Methyl t-butyl ether (MTBE)	ND	100	102	2.0	111	114	2.7	70 - 130	30	
Methylene chloride	ND	104	100	3.9	111	111	0.0	70 - 130	30	
Naphthalene	ND	96	95	1.0	<40	<40	NC	70 - 130	30	m
n-Butylbenzene	ND	101	99	2.0	<40	<40	NC	70 - 130	30	m
n-Propylbenzene	ND	111	110	0.9	59	50	16.5	70 - 130	30	m
o-Xylene	ND	113	110	2.7	66	59	11.2	70 - 130	30	m
p-Isopropyltoluene	ND	108	105	2.8	67	62	7.8	70 - 130	30	m
sec-Butylbenzene	ND	106	105	0.9	64	59	8.1	70 - 130	30	m
Styrene	ND	108	105	2.8	<40	<40	NC	70 - 130	30	m
tert-Butylbenzene	ND	109	107	1.9	79	78	1.3	70 - 130	30	
Tetrachloroethene	ND	110	109	0.9	104	105	1.0	70 - 130	30	
Tetrahydrofuran (THF)	ND	97	97	0.0	94	106	12.0	70 - 130	30	
Toluene	ND	106	105	0.9	78	73	6.6	70 - 130	30	
trans-1,2-Dichloroethene	ND	115	112	2.6	111	109	1.8	70 - 130	30	
trans-1,3-Dichloropropene	ND	95	98	3.1	91	89	2.2	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	95	102	7.1	78	80	2.5	70 - 130	30	
Trichloroethene	ND	119	113	5.2	103	103	0.0	70 - 130	30	
Trichlorofluoromethane	ND	103	102	1.0	104	102	1.9	70 - 130	30	
Trichlorotrifluoroethane	ND	111	110	0.9	113	113	0.0	70 - 130	30	
Vinyl chloride	ND	113	115	1.8	108	109	0.9	70 - 130	30	
% 1,2-dichlorobenzene-d4	104	99	98	1.0	98	99	1.0	70 - 130	30	
% Bromofluorobenzene	96	97	98	1.0	99	100	1.0	70 - 130	30	
% Dibromofluoromethane	112	104	103	1.0	109	111	1.8	70 - 130	30	
% Toluene-d8	102	101	102	1.0	103	101	2.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 231371, QC Sample No: BD80734 (BD80734 (20X) , BD80735 (40X))

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	84	86	2.4	86	86	0.0	70 - 130	30	
1,1,1-Trichloroethane	ND	83	82	1.2	84	82	2.4	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	83	84	1.2	92	91	1.1	70 - 130	30	
1,1,2-Trichloroethane	ND	89	89	0.0	89	86	3.4	70 - 130	30	
1,1-Dichloroethane	ND	85	85	0.0	88	85	3.5	70 - 130	30	
1,1-Dichloroethene	ND	81	80	1.2	85	80	6.1	70 - 130	30	
1,1-Dichloropropene	ND	80	79	1.3	78	76	2.6	70 - 130	30	
1,2,3-Trichlorobenzene	ND	86	86	0.0	85	90	5.7	70 - 130	30	
1,2,3-Trichloropropane	ND	82	84	2.4	92	91	1.1	70 - 130	30	
1,2,4-Trichlorobenzene	ND	82	83	1.2	83	86	3.6	70 - 130	30	
1,2,4-Trimethylbenzene	ND	78	80	2.5	78	76	2.6	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	82	81	1.2	88	89	1.1	70 - 130	30	
1,2-Dibromoethane	ND	87	89	2.3	91	89	2.2	70 - 130	30	
1,2-Dichlorobenzene	ND	84	85	1.2	85	84	1.2	70 - 130	30	
1,2-Dichloroethane	ND	89	87	2.3	88	86	2.3	70 - 130	30	
1,2-Dichloropropane	ND	84	85	1.2	87	85	2.3	70 - 130	30	

QA/QC Data

SDG I.D.: GBD80732

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,3,5-Trimethylbenzene	ND	82	84	2.4	83	81	2.4	70 - 130	30	
1,3-Dichlorobenzene	ND	84	87	3.5	85	84	1.2	70 - 130	30	
1,3-Dichloropropane	ND	83	85	2.4	90	91	1.1	70 - 130	30	
1,4-Dichlorobenzene	ND	84	86	2.4	84	83	1.2	70 - 130	30	
2,2-Dichloropropane	ND	58	57	1.7	52	52	0.0	70 - 130	30	l,m
2-Chlorotoluene	ND	87	88	1.1	85	85	0.0	70 - 130	30	
2-Hexanone	ND	85	82	3.6	89	82	8.2	70 - 130	30	
2-Isopropyltoluene	ND	84	85	1.2	85	83	2.4	70 - 130	30	
4-Chlorotoluene	ND	84	86	2.4	85	85	0.0	70 - 130	30	
4-Methyl-2-pentanone	ND	89	91	2.2	91	91	0.0	70 - 130	30	
Acetone	ND	77	77	0.0	64	56	13.3	70 - 130	30	m
Acrylonitrile	ND	87	86	1.2	89	87	2.3	70 - 130	30	
Benzene	ND	80	81	1.2	79	77	2.6	70 - 130	30	
Bromobenzene	ND	86	88	2.3	87	86	1.2	70 - 130	30	
Bromochloromethane	ND	88	86	2.3	92	88	4.4	70 - 130	30	
Bromodichloromethane	ND	86	86	0.0	87	86	1.2	70 - 130	30	
Bromoform	ND	89	91	2.2	90	89	1.1	70 - 130	30	
Bromomethane	ND	91	94	3.2	66	70	5.9	70 - 130	30	m
Carbon Disulfide	ND	71	71	0.0	90	85	5.7	70 - 130	30	
Carbon tetrachloride	ND	81	82	1.2	72	74	2.7	70 - 130	30	
Chlorobenzene	ND	85	86	1.2	86	84	2.4	70 - 130	30	
Chloroethane	ND	81	82	1.2	89	83	7.0	70 - 130	30	
Chloroform	ND	87	86	1.2	90	85	5.7	70 - 130	30	
Chloromethane	ND	82	83	1.2	89	83	7.0	70 - 130	30	
cis-1,2-Dichloroethene	ND	86	86	0.0	90	83	8.1	70 - 130	30	
cis-1,3-Dichloropropene	ND	82	82	0.0	80	80	0.0	70 - 130	30	
Dibromochloromethane	ND	84	85	1.2	88	89	1.1	70 - 130	30	
Dibromomethane	ND	88	88	0.0	90	87	3.4	70 - 130	30	
Dichlorodifluoromethane	ND	76	76	0.0	80	75	6.5	70 - 130	30	
Ethylbenzene	ND	79	81	2.5	83	80	3.7	70 - 130	30	
Hexachlorobutadiene	ND	75	78	3.9	76	76	0.0	70 - 130	30	
Isopropylbenzene	ND	83	86	3.6	84	81	3.6	70 - 130	30	
m&p-Xylene	ND	80	81	1.2	84	80	4.9	70 - 130	30	
Methyl ethyl ketone	ND	89	88	1.1	98	90	8.5	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	76	77	1.3	90	91	1.1	70 - 130	30	
Methylene chloride	ND	83	83	0.0	92	87	5.6	70 - 130	30	
Naphthalene	ND	82	81	1.2	95	89	6.5	70 - 130	30	
n-Butylbenzene	ND	82	84	2.4	80	79	1.3	70 - 130	30	
n-Propylbenzene	ND	82	85	3.6	82	80	2.5	70 - 130	30	
o-Xylene	ND	87	88	1.1	85	82	3.6	70 - 130	30	
p-Isopropyltoluene	ND	82	84	2.4	82	80	2.5	70 - 130	30	
sec-Butylbenzene	ND	81	83	2.4	83	80	3.7	70 - 130	30	
Styrene	ND	88	89	1.1	87	84	3.5	70 - 130	30	
tert-Butylbenzene	ND	84	86	2.4	83	82	1.2	70 - 130	30	
Tetrachloroethene	ND	78	79	1.3	79	78	1.3	70 - 130	30	
Tetrahydrofuran (THF)	ND	89	89	0.0	96	92	4.3	70 - 130	30	
Toluene	ND	83	83	0.0	84	80	4.9	70 - 130	30	
trans-1,2-Dichloroethene	ND	84	83	1.2	87	82	5.9	70 - 130	30	
trans-1,3-Dichloropropene	ND	81	82	1.2	81	80	1.2	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	72	78	8.0	73	73	0.0	70 - 130	30	
Trichloroethene	ND	84	84	0.0	84	82	2.4	70 - 130	30	
Trichlorofluoromethane	ND	78	77	1.3	82	78	5.0	70 - 130	30	
Trichlorotrifluoroethane	ND	74	72	2.7	78	74	5.3	70 - 130	30	

QA/QC Data

SDG I.D.: GBD80732

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Vinyl chloride	ND	86	85	1.2	87	79	9.6	70 - 130	30
% 1,2-dichlorobenzene-d4	100	100	100	0.0	101	101	0.0	70 - 130	30
% Bromofluorobenzene	96	100	101	1.0	100	99	1.0	70 - 130	30
% Dibromofluoromethane	99	102	100	2.0	103	100	3.0	70 - 130	30
% Toluene-d8	101	101	102	1.0	98	99	1.0	70 - 130	30

Comment:

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 231017, QC Sample No: BD80840 (BD80732, BD80733)

Polynuclear Aromatic HC - Soil

Acenaphthene	ND	70	69	1.4	72	76	5.4	30 - 130	30
Acenaphthylene	ND	74	76	2.7	74	79	6.5	30 - 130	30
Anthracene	ND	76	75	1.3	76	78	2.6	30 - 130	30
Benz(a)anthracene	ND	80	76	5.1	77	81	5.1	30 - 130	30
Benzo(a)pyrene	ND	75	73	2.7	77	81	5.1	30 - 130	30
Benzo(b)fluoranthene	ND	81	84	3.6	85	93	9.0	30 - 130	30
Benzo(ghi)perylene	ND	92	90	2.2	90	88	2.2	30 - 130	30
Benzo(k)fluoranthene	ND	86	79	8.5	91	94	3.2	30 - 130	30
Chrysene	ND	75	74	1.3	93	84	10.2	30 - 130	30
Dibenz(a,h)anthracene	ND	86	86	0.0	87	89	2.3	30 - 130	30
Fluoranthene	ND	77	74	4.0	83	86	3.6	30 - 130	30
Fluorene	ND	76	77	1.3	80	83	3.7	30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	88	86	2.3	91	88	3.4	30 - 130	30
Naphthalene	ND	77	75	2.6	78	83	6.2	30 - 130	30
Phenanthrene	ND	80	78	2.5	79	82	3.7	30 - 130	30
Pyrene	ND	75	74	1.3	85	87	2.3	30 - 130	30
% 2-Fluorobiphenyl	68	69	69	0.0	76	81	6.4	30 - 130	30
% Nitrobenzene-d5	62	61	61	0.0	63	67	6.2	30 - 130	30
% Terphenyl-d14	80	80	78	2.5	94	96	2.1	30 - 130	30

Comment:

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

l = This parameter is outside laboratory lcs/lcsd specified recovery limits.
m = This parameter is outside laboratory ms/msd specified recovery limits.

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

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

Phyllis Shiller, Laboratory Director
May 23, 2013

Sample Criteria Exceedences Report

GBD80732 - EBC

Requested Criteria: 375, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BD80733	$8260MAR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	1600	210	210	ug/Kg
BD80733	$8260MAR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential Restricted	ND	1600	900	900	ug/Kg
BD80733	$8260MAR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1600	20	20	ug/Kg
BD80733	$8260MAR	1,1-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1600	330	330	ug/Kg
BD80733	$8260MAR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	31000	50	50	ug/Kg
BD80733	$8260MAR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1600	50	50	ug/Kg
BD80733	$8260MAR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1600	190	190	ug/Kg
BD80733	$8260MAR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1600	270	270	ug/Kg
BD80733	$8260MAR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1600	250	250	ug/Kg
BD80733	$8260MAR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	9400	120	120	ug/Kg
BD80733	$8260MAR	Chloroform	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1600	370	370	ug/Kg
BD80733	$8260MAR	1,1,1-Trichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1600	680	680	ug/Kg
BD80733	$8260MAR	Methyl t-butyl ether (MTBE)	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	3100	930	930	ug/Kg
BD80733	$8260MAR	Carbon tetrachloride	NY / 375-6.8 Volatiles / Residential	ND	1600	1400	1400	ug/Kg
BD80733	$8260MAR	Carbon tetrachloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1600	760	760	ug/Kg
BD80733	$8260MAR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1600	60	60	ug/Kg
BD80733	$8260MAR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1600	20	20	ug/Kg
BD80733	$8260MAR	Trichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1600	470	470	ug/Kg
BD80733	$8260MAR	Toluene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1600	700	700	ug/Kg
BD80733	$8260MAR	Tetrachloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1600	1300	1300	ug/Kg
BD80733	$8260MAR	Chlorobenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1600	1100	1100	ug/Kg
BD80733	$8260MAR	Ethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1600	1000	1000	ug/Kg
BD80733	$8260MAR	n-Propylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	4500	1600	3900	3900	ug/Kg
BD80733	$8260MAR	1,2-Dichlorobenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1600	1100	1100	ug/Kg
BD80733	$8260MAR	Total Xylenes	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1600	260	260	ug/Kg
BD80733	$8270SSR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	3100	1000	1000	ug/Kg
BD80733	$8270SSR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	3100	1000	1000	ug/Kg
BD80733	$8270SSR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	3100	1000	1000	ug/Kg
BD80733	$8270SSR	Chrysene	NY / 375-6.8 Semivolatiles / Residential	ND	3100	1000	1000	ug/Kg
BD80733	$8270SSR	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	3100	1000	1000	ug/Kg
BD80733	$8270SSR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	ND	3100	1000	1000	ug/Kg
BD80733	$8270SSR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	3100	1000	1000	ug/Kg
BD80733	$8270SSR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	3100	1000	1000	ug/Kg
BD80733	$8270SSR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	ND	3100	1000	1000	ug/Kg
BD80733	$8270SSR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	3100	800	800	ug/Kg
BD80733	$8270SSR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	3100	1000	1000	ug/Kg
BD80733	$8270SSR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	3100	1000	1000	ug/Kg
BD80733	$8270SSR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	3100	1000	1000	ug/Kg
BD80733	$8270SSR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	3100	500	500	ug/Kg
BD80733	$8270SSR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	3100	500	500	ug/Kg
BD80733	$8270SSR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	3100	500	500	ug/Kg
BD80733	$8270SSR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	3100	330	330	ug/Kg

Sample Criteria Exceedences Report

GBD80732 - EBC

Requested Criteria: 375, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BD80733	$8270SSR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	3100	330	330	ug/Kg
BD80733	$8270SSR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	3100	330	330	ug/Kg
BD80736	$8260MER	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	250	210	210	ug/Kg
BD80736	$8260MER	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	20	20	ug/Kg
BD80736	$8260MER	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	5000	50	50	ug/Kg
BD80736	$8260MER	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	500	50	50	ug/Kg
BD80736	$8260MER	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	190	190	ug/Kg
BD80736	$8260MER	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	3000	120	120	ug/Kg
BD80736	$8260MER	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	60	60	ug/Kg
BD80736	$8260MER	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.

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

May 23, 2013

SDG I.D.: GBD80732

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

4°W/C+TP Temp Pg 1 of 1

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

Data Delivery:
☐ Fax #:
☑ Email:

Customer: EBC
Address: 1808 Middle Country Road Ridge, NY

Project: 27-21 44th Drive
Report to: EBC
Invoice to:

Project P.O:
Phone #: (631) 504 6000
Fax #:

Client Sample - Information - Identification

Sampler's Signature: Date: 5-17-13

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

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260	SVOCs 8270 CP51 List	Soil Vial H2O	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 [ ] 500ml [ ] 1000ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
80732	B1 (5-8)	S	5-17-13		X	X		2	1	1							
80733	B2 (4-7)	S	"		"	"		2	1	1							
80734	GW1	GW	"		"	"					3	1					
80735	GW2	GW	"		"	"					3	1					
80736	Trip Blank w/ Ice							1									
80737	TB Low level							2									

Relinquished by:	Accepted by:	Date:	Time:
for RS	Crandice	5-17-13	12:00
		5/17/13	1500

Comments, Special Requirements or Regulations:

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

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

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

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

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

State where samples were collected: NY