GEOPHYSICAL SURVEY REPORT

GEOPHYSICAL ENGINEERING SURVEY REPORT

COMMERCIAL PROPERTY / BUILDING

1003 Greene Street,
Brooklyn, New York

NOVA PROJECT NUMBER
13-0744

DATED
September 16, 2013

PREPARED FOR:
Environmental Business Consultants
Ph: 631.504.6000
Fax: 631.924.2870

PREPARED BY:

NOVA
GEOPHYSICAL
ENGINEERING
Subsurface Mapping Solutions

56-01 Marathon Parkway # 765
Douglaston, New York 11362
347-556-7787 (PHONE)
718-261-1527(FAX)
www.nova-gsi.com

NOVA GEOPHYSICAL SERVICES

SUBSURFACE MAPPING SOLUTIONS
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Ph. 347-556-7787 Fax. 718-261-1527
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September 16, 2013

Kevin Brussee
Project Manager
Environmental Business Consultants
Ph: 631.504.6000 ext. 114
Fax: 631.924.2870
Cell: 631.338-1749
Kbrussee@ebcincny.com

Re: Geophysical Survey Report
Commercial Property
1003 Greene Street
Brooklyn, New York

Dear Mr. Brussee:

Nova Geophysical Services (NOVA) is pleased to provide findings of our geophysical surveys at the above referenced project sites located at 1003 Greene Street, Brooklyn, New York (the "Site"). Please see attached Geophysical Survey map for more details.

INTRODUCTION TO GEOPHYSICAL SURVEY

NOVA performed Geophysical surveys consisting of Ground Penetrating Radar (GPR), Electromagnetic (EM) surveys and comprehensive subsurface utility (CSUL) surveys at the project Site. The purpose of this survey is to verify anomalies; underground storage tanks (USTs) that maybe located at the project site on September 11th, 2013.

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

A GPR system consists of a radar control unit, control cable and a transducer (antenna). The control unit transmits a trigger pulse at a normal repetition rate of 250 MHz. The trigger pulse is sent to the transmitter electronics in the transducer via the control cable. The transmitter electronics amplify the trigger pulses into bipolar pulses that are radiated to the surface. The transformed

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

GEOPHYSICAL METHODS

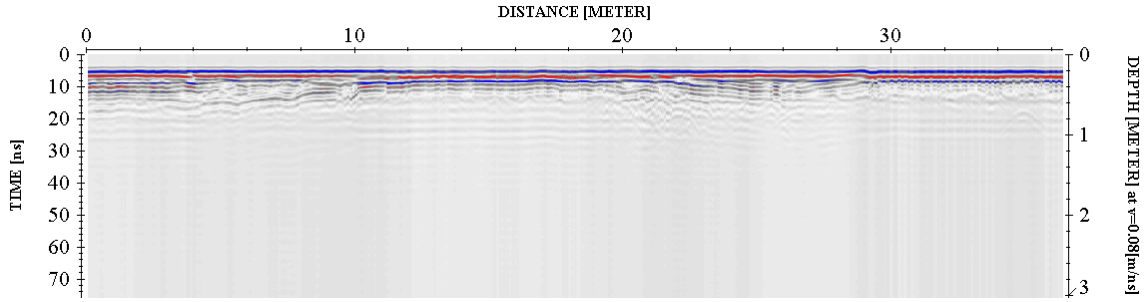
The project site was first screened using the Geonics(tm) electromagnetic detector by carrying the instrument over the boring locations at the site in 5' x 5' traverses. When evidence of anomalies were observed, the Ditch-witch(tm) utility locator was then used to determine if the anomalies were utilities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

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

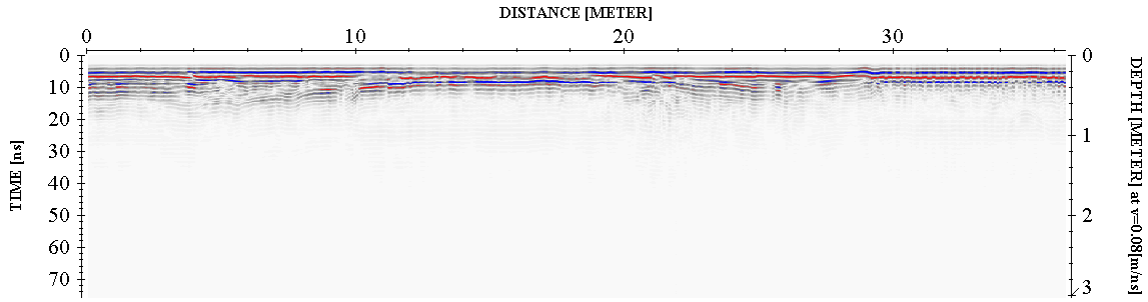
DATA PROCESSING

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

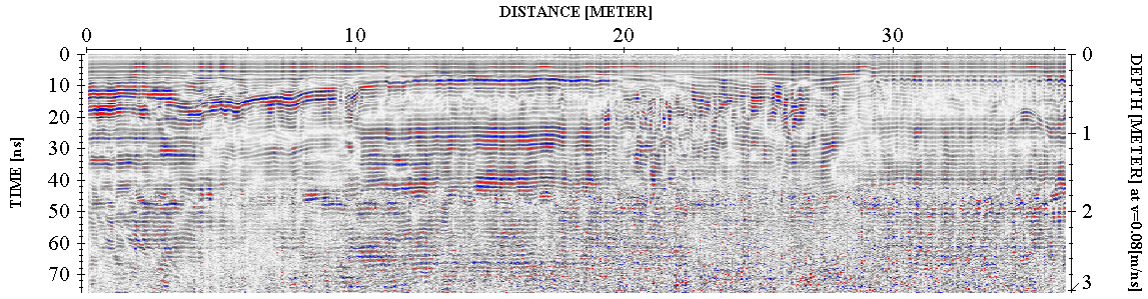
Step 1. Import raw RAMAC data to standard processing format



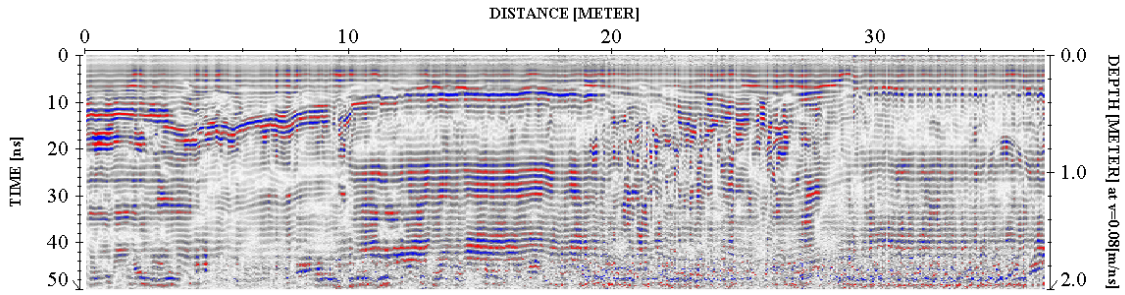
Step 2. Remove instrument noise *(dewow)*



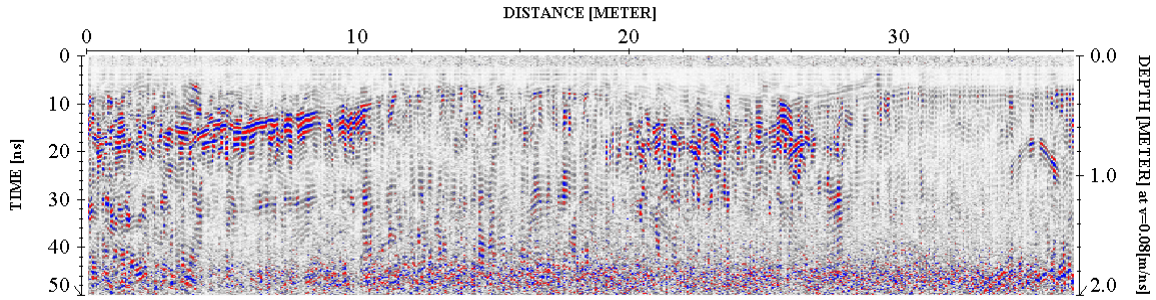
Step 3. Correct for attenuation losses *(energy decay function)*



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



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



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

PHYSICAL SETTINGS

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

The weather: Cloudy.

Temp: 94 degrees.

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

Geophysical Noise Level (GNL): Geophysical Noise Level (GNL) was medium to high at the time of the survey due to on site storage / business activities and parked cars at the time of the survey.

RESULTS

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

- Geophysical survey identified a minor anomaly consistent with the steel pipe located underneath the sidewalk facing Greene Street. Further evaluation of this anomaly with the CSUL confirmed that it was associated vent pipes located at the same.

- Geophysical survey identified major anomalies located along the center of the project site building facing Greene Street. Further evaluation of these anomalies with the GPR and CSUL confirmed that they were associated with the on-site pumps, vent pipes and the minor anomaly (subsurface pipe) identified underneath the site walk.

- Geophysical survey identified two hydraulic lifts located along the eastern side of the project site building.

- Geophysical survey confirmed that all of the floor drains as well as roof drains were interconnected with their final destination to the municipal (combined) sewer system located along Greene Street.

- Geophysical survey identified additional scattered anomalies located underneath the sidewalk facing Greene Street. Based on their reflection rates and physical evidences, none of these anomalies were consistent with any major substructures such as USTs.

- Geophysical survey identified subsurface utility pipes (electric, gas, sewer, water, etc.) located along the south side of the project area facing Greene Street.

- All findings were clearly marked during the field survey.

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

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

NOVA Geophysical Services

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

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

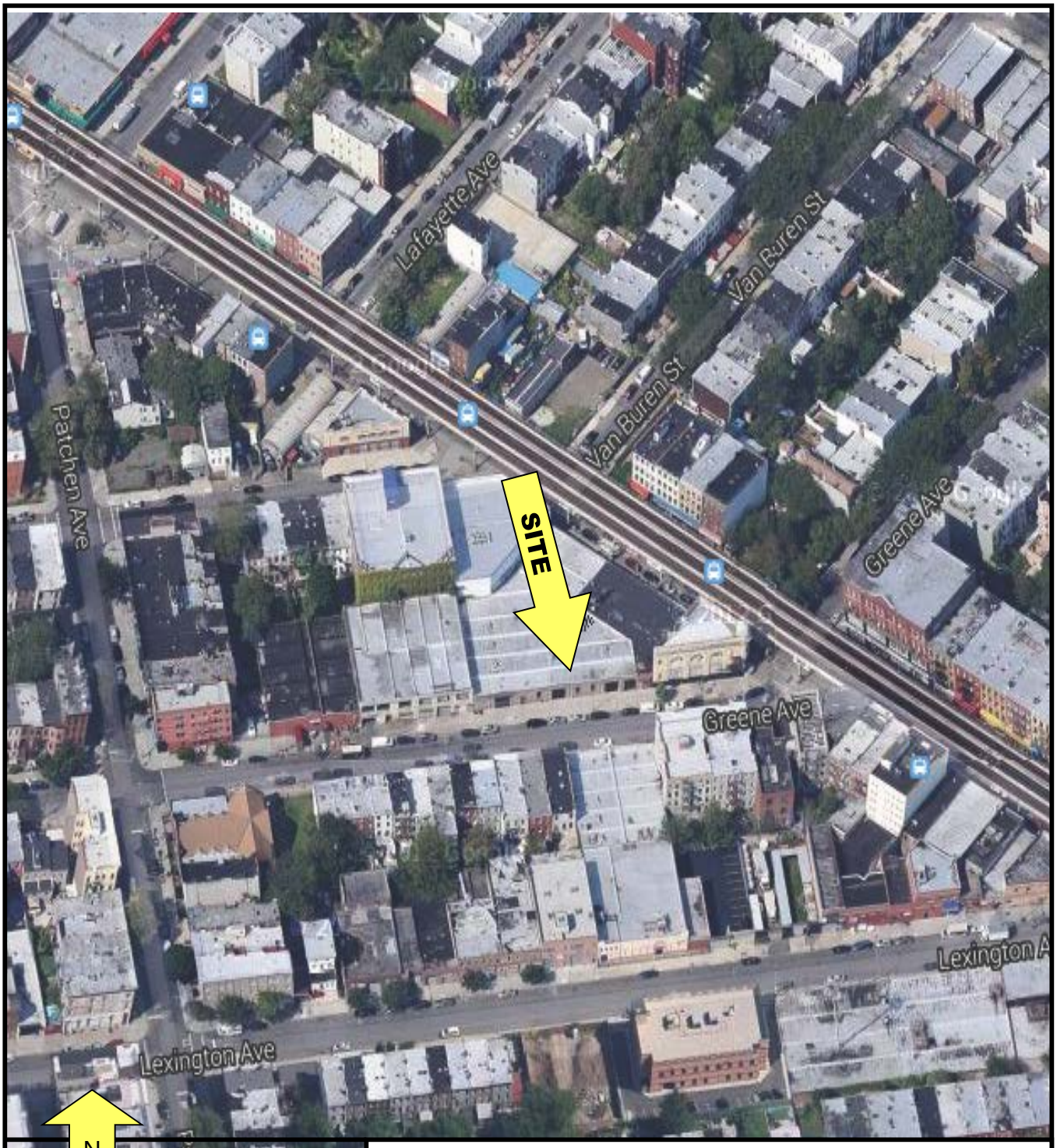


FIGURE 1

SITE LOCATION MAP

NOVA

Geophysical Services

Subsurface Mapping Solutions

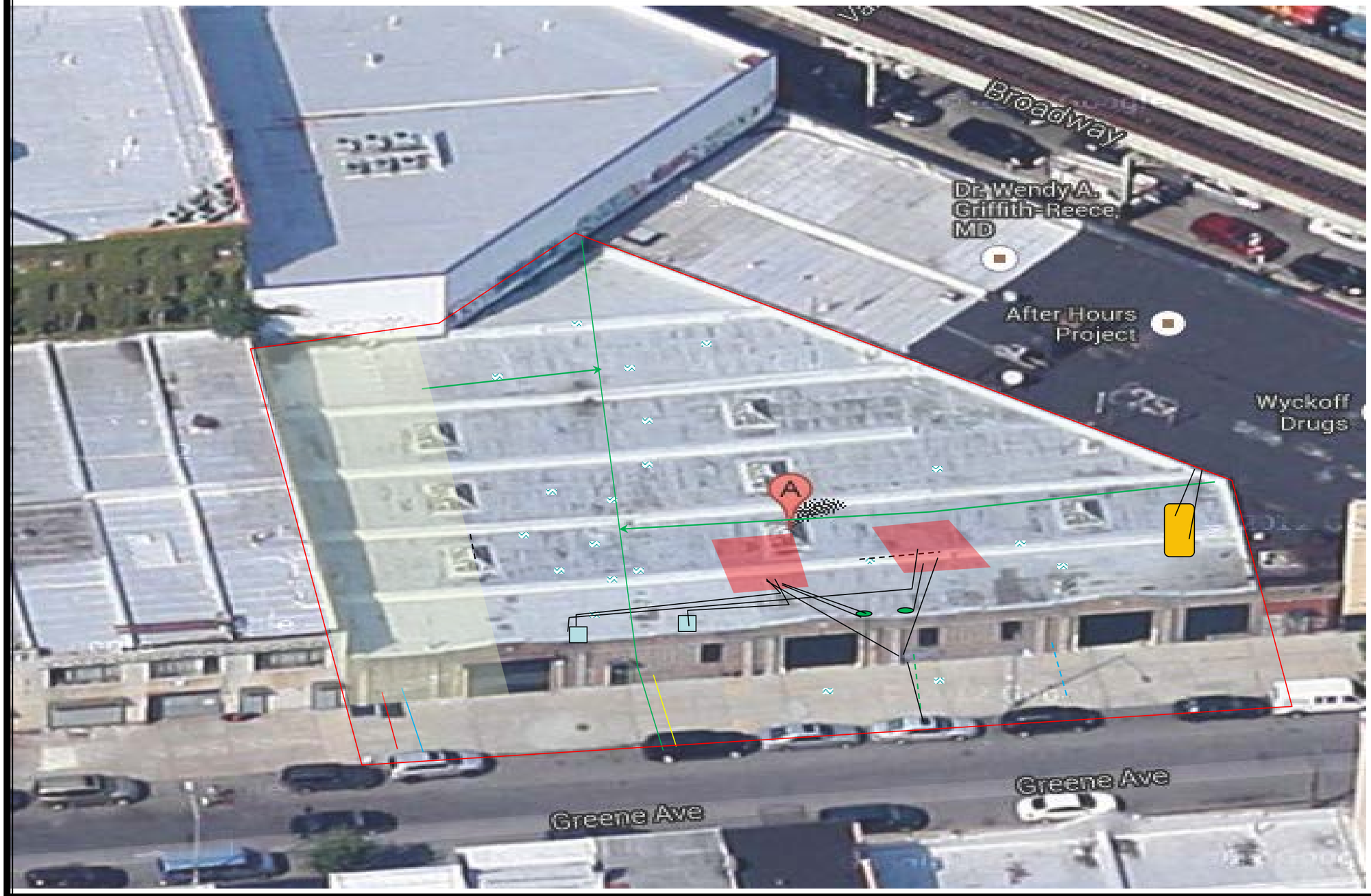
56-01 Marathon Pkwy, PO Box 765, Douglaston, NY11362

(718) 261-1527 Fax (718) 261-1528

www.nova-gsi.com

SITE: **Commercial Property**
1003 Greene Street
Brooklyn, New York

SCALE: See Map



Fuel Pump

Vent Pipes

Former Subsurface Fill Line

NOVA

Geophysical Engineering Services

Subsurface Mapping Solutions

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

GEOPHYSICAL SURVEY SITE PLAN

SITE: 1003 Greene Street, Brooklyn, NY

CLIENT: Environmental Business Consultants

SCALE: Not To Scale

DATE : 09/11/13

INFORMATION

GPR / EM Surveyed Area

Scattered/ Anomaly

Major Anomaly

Underground Piping (Sewer, Electric, and gas)

Hydraulic Lift Areas (2)

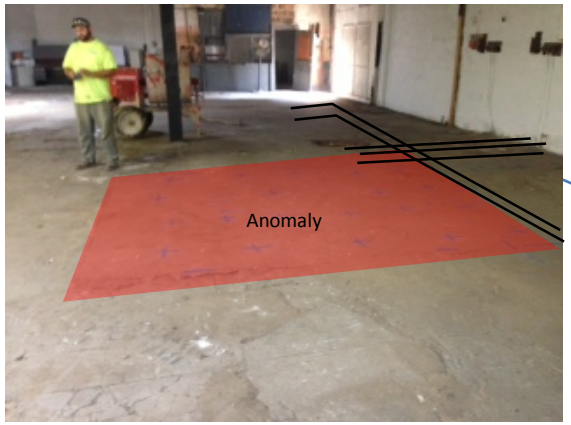
Geophysical Noise / No Survey was performed

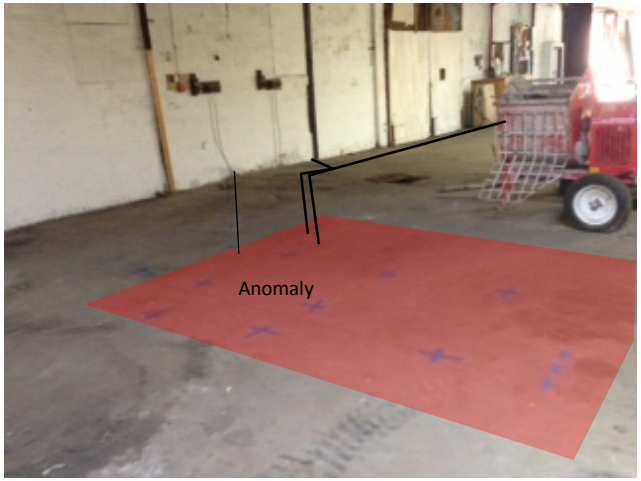
GEOPHYSICAL IMAGES

Commercial Property / Building

1003 Greene Street, Brooklyn, New York

September 11, 2013





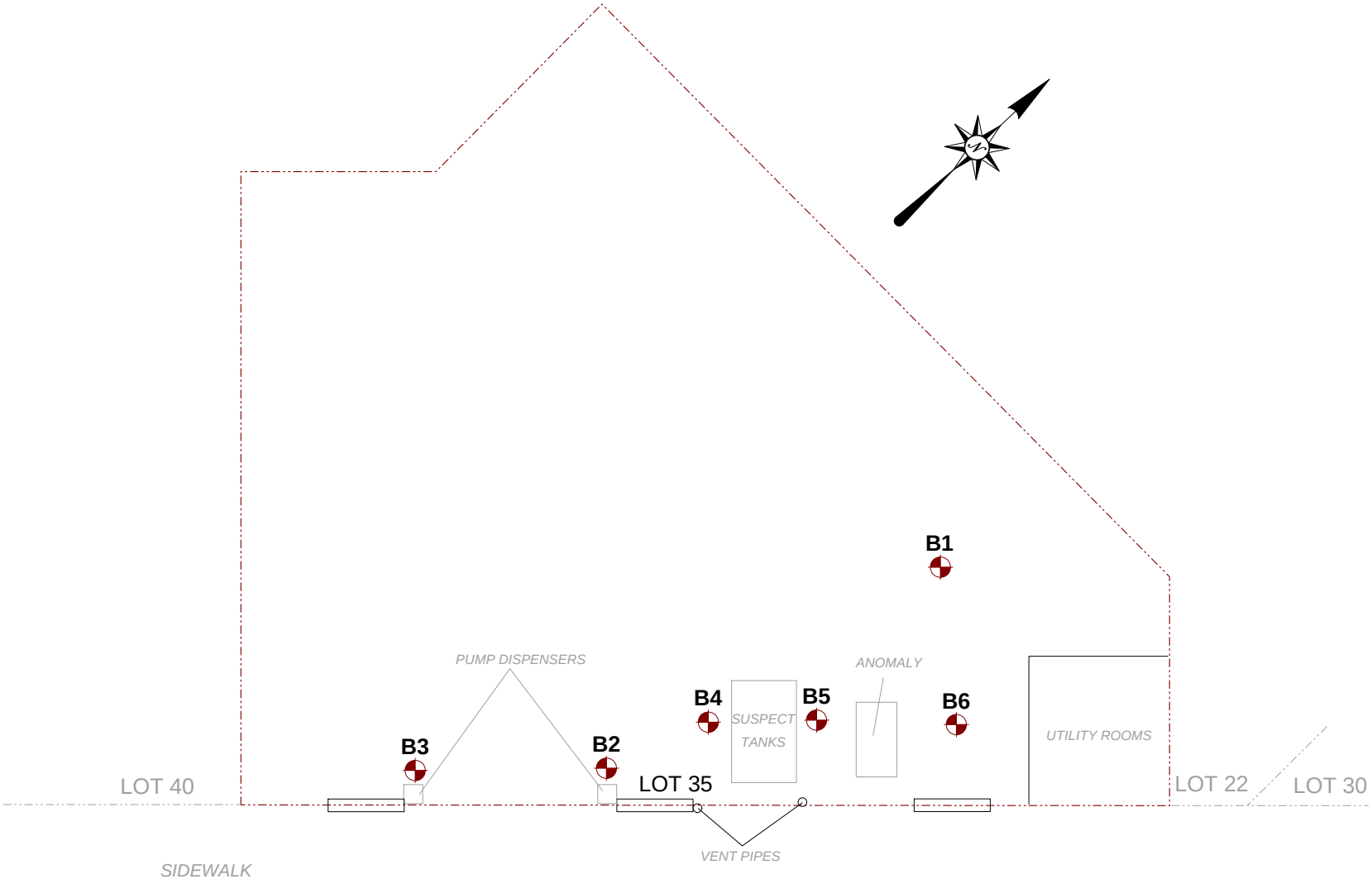
GEOPHYSICAL IMAGES

Commercial Property / Building

1003 Greene Street, Brooklyn, New York

September 11, 2013

FIGURES



KEY

13SBx

Soil Boring Location

Property Boundary

SCALE

0 5 10 25

1 inch = 25 feet

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

Figure No. **2**

Site Name: COMMERCIAL PROPERTY

Site Address: 1003 GREENE AVENUE, BROOKLYN, NY

Drawing Title: SITE PLAN

TABLES

TABLE 3
1003 Greene Avenue,
Brooklyn, New York
Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B1 (18-20') µg/Kg		B2 (10-15') µg/Kg		B3 (28-30') µg/Kg		B4 (11-15') µg/Kg		B5 (13-15') µg/Kg		B6 (18-20') µg/Kg		B7 (18-20') µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane			ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
1,1,1-Trichloroethane	680	100,000	ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
1,1,2,2-Tetrachloroethane			ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
1,1,2-Trichloroethane			ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
1,1-Dichloroethane	270	26,000	ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
1,1-Dichloroethene	330	100,000	ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
1,1-Dichloropropene			ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
1,2,3-Trichlorobenzene			ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
1,2,3-Trichloropropane			ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
1,2,4-Trichlorobenzene			ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
1,2,4-Trimethylbenzene	3,600	52,000	ND	5.3	**11,000**	1,100	ND	5.1	**20,000**	1,500	ND	5.4	ND	5.4	ND	5.2
1,2-Dibromo-3-chloropropane			ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
1,2-Dibromoethane			ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
1,2-Dichlorobenzene	1,100	100,000	ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
1,2-Dichloroethane	20	3,100	ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
1,2-Dichloropropane			ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
1,3,5-Trimethylbenzene	8,400	52,000	ND	5.3	**3,200**	1,100	ND	5.1	**5,900**	1,500	ND	5.4	ND	5.4	ND	5.2
1,3-Dichlorobenzene	2,400	4,900	ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
1,3-Dichloropropane			ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
1,4-Dichlorobenzene	1,800	13,000	ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
2,2-Dichloropropane			ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
2-Chlorotoluene			ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
2-Hexanone (Methyl Butyl Ketone)			ND	26	ND	1,400	ND	26	ND	7,400	ND	27	ND	27	ND	26
2-Isopropyltoluene			ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
4-Chlorotoluene			ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
4-Methyl-2-Pentanone			ND	26	ND	1,400	ND	26	ND	7,400	ND	27	ND	27	ND	26
Acetone	50	100,000	ND	26	ND	1,400	**74**	26	ND	7,400	**65**	27	**120**	27	**64**	26
Acrylonitrile			ND	11	ND	560	ND	10	ND	3,000	ND	11	ND	11	ND	10
Benzene	60	4,800	ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
Bromobenzene			ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
Bromochloromethane			ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
Bromodichloromethane			ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
Bromoform			ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
Bromomethane			ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
Carbon Disulfide			ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
Carbon tetrachloride	760	2,400	ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
Chlorobenzene	1,100	100,000	ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
Chloroethane			ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
Chloroform	370	49,000	ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
Chloromethane			ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
cis-1,2-Dichloroethene	250	100,000	ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
cis-1,3-Dichloropropene			ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
Dibromochloromethane			ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
Dibromomethane			ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
Dichlorodifluoromethane			ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
Ethylbenzene	1,000	41,000	ND	5.3	**350**	280	ND	5.1	**5,400**	1,500	ND	5.4	ND	5.4	ND	5.2
Hexachlorobutadiene			ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
Isopropylbenzene			ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
m&p-Xylenes	260	100,000	ND	5.3	**840**	280	ND	5.1	**19,000**	1,500	ND	5.4	ND	5.4	ND	5.2
Methyl Ethyl Ketone (2-Butanone)	120	100,000	ND	26	ND	1,400	ND	26	ND	7,400	ND	27	ND	27	ND	26
Methyl t-butyl ether (MTBE)	930	100,000	ND	11	ND	560	ND	10	ND	3,000	ND	11	ND	11	ND	10
Methylene chloride	50	100,000	ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
Naphthalene	12,000	100,000	ND	5.3	**5,000**	280	ND	5.1	**2,900**	1,500	ND	5.4	ND	5.4	ND	5.2
n-Butylbenzene	12,000	100,000	ND	5.3	**1,800**	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
n-Propylbenzene	3,900	100,000	ND	5.3	**1,900**	280	ND	5.1	**3,500**	1,500	ND	5.4	ND	5.4	ND	5.2
o-Xylene	260	100,000	ND	5.3	ND	280	ND	5.1	**1,600**	1,500	ND	5.4	ND	5.4	ND	5.2
p-Isopropyltoluene			ND	5.3	**350**	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
sec-Butylbenzene	11,000	100,000	ND	5.3	**540**	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
Styrene			ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
tert-Butylbenzene	5,900	100,000	ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
Tetrachloroethene	1,300	19,000	ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
Tetrahydrofuran (THF)			ND	11	ND	560	ND	10	ND	3,000	ND	11	ND	11	ND	10
Toluene	700	100,000	ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
Total Xylenes	260	100,000	ND	5.3	**840**	280	ND	5.1	**20,600**	1,500	ND	5.4	ND	5.4	ND	5.2
trans-1,2-Dichloroethene	190	100,000	ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
trans-1,3-Dichloropropene			ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
trabs-1,4-dichloro-2-butene			ND	11	ND	560	ND	10	ND	3,000	ND	11	ND	11	ND	10
Trichloroethene	470	21,000	ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
Trichlorofluoromethane			ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
Trichlorotrifluoroethane			ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
Vinyl Chloride	20	900	ND	5.3	ND	280	ND	5.1	ND	1,500	ND	5.4	ND	5.4	ND	5.2
Total BTEX Concentration			**0**		**1190**		**0**		**26000**		**0**		**0**		**0**	
Total VOCs Concentration			**0**		**25820**		**74**		**78900**		**65**		**120**		**64**	

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 5
1003 Greene Aveune
Brooklyn, New York
Soil Analytical Results
Semi-Volatile Organic Compounds (CP-51 List)

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B1 (18-20') µg/Kg		B2 (10-15') µg/Kg		B3 (28-30') µg/Kg		B4 (11-15') µg/Kg		B5 (13-15') µg/Kg		B6 (18-20') µg/Kg		B7 (18-20') µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Acenaphthene	20,000	100,000	ND	240	ND	260	ND	240	ND	270	ND	250	ND	250	ND	240
Acenaphthylene	100,000	100,000	ND	240	ND	260	ND	240	ND	270	ND	250	ND	250	ND	240
Anthracene	100,000	100,000	ND	240	ND	260	ND	240	ND	270	ND	250	ND	250	ND	240
Benz(a)anthracene	1,000	1,000	ND	240	ND	260	ND	240	ND	270	ND	250	ND	250	ND	240
Benzo(a)pyrene	1,000	1,000	ND	240	ND	260	ND	240	ND	270	ND	250	ND	250	ND	240
Benzo(b)fluoranthene	1,000	1,000	ND	240	ND	260	ND	240	ND	270	ND	250	ND	250	ND	240
Benzo(ghi)perylene	100,000	100,000	ND	240	ND	260	ND	240	ND	270	ND	250	ND	250	ND	240
Benzo(k)fluoranthene	800	3,900	ND	240	ND	260	ND	240	ND	270	ND	250	ND	250	ND	240
Chrysene	1,000	3,900	ND	240	ND	260	ND	240	ND	270	ND	250	ND	250	ND	240
Dibenz(a,h)anthracene	330	330	ND	240	ND	260	ND	240	ND	270	ND	250	ND	250	ND	240
Fluoranthene	100,000	100,000	ND	240	ND	260	ND	240	ND	270	ND	250	ND	250	ND	240
Fluorene	30,000	100,000	ND	240	ND	260	ND	240	ND	270	ND	250	ND	250	ND	240
Indeno(1,2,3-cd)pyrene	500	500	ND	240	ND	260	ND	240	ND	270	ND	250	ND	250	ND	240
Naphthalene	12,000	100,000	ND	240	**910**	260	ND	240	**1,600**	270	ND	250	ND	250	ND	240
Phenanthrene	100,000	100,000	ND	240	ND	260	ND	240	ND	270	ND	250	ND	250	ND	240
Pyrene	100,000	100,000	ND	240	ND	260	ND	240	ND	270	ND	250	ND	250	ND	240

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 7
1003 Greene Avenue
Brooklyn, New York
Soil Analytical Results
Pesticides PCBs

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B1 (0-2') 9/4/2013 µg/Kg	
			Result	RL
PCB-1016	100	1,000	ND	370
PCB-1221	100	1,000	ND	370
PCB-1232	100	1,000	ND	370
PCB-1242	100	1,000	ND	370
PCB-1248	100	1,000	ND	370
PCB-1254	100	1,000	ND	370
PCB-1260	100	1,000	ND	370
PCB-1262	100	1,000	ND	370
PCB-1268	100	1,000	ND	370

Notes:

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

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

ND - Non-Detect

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

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

TABLE 8
1003 Greene Avenue
Brooklyn, New York
Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B2 (0-2') 9/4/2013 µg/Kg		B3 (0-2') 9/5/2013 µg/Kg		B6 (0-2') 9/6/2013 µg/Kg	
			Result	RL	Result	RL	Result	RL
Aluminum			**9,030**	54	**10,200**	54	**8,880**	53
Antimony			BRL	3.6	BRL	3.6	BRL	3.6
Arsenic	13	16	**3.4**	0.7	**3.1**	0.7	**4**	0.7
Barium	350	400	**69.2**	0.36	**64.4**	0.36	**52**	0.36
Beryllium	7.2	72	**0.49**	0.29	**0.45**	0.29	**0.44**	0.28
Cadmium	2.5	4.3	**0.43**	0.36	**0.44**	0.36	**0.51**	0.36
Calcium			**3,640**	5.4	**3,340**	5.4	**5,950**	5.3
Chromium	30		**15.4**	0.36	**14.5**	0.36	**17.3**	0.36
Cobalt			**4.49**	0.36	**5.08**	0.36	**6.43**	0.36
Copper	50	270	**39.2**	0.36	**16.3**	0.36	**29.4**	0.36
Iron			**13,100**	54	**15,500**	54	**18,500**	53
Lead	63	400	**130**	0.36	**278**	3.6	**92**	0.36
Magnesium			**1,890**	5.4	**1,780**	5.4	**2,250**	5.3
Manganese	1,600	2,000	**318**	3.6	**392**	3.6	**362**	3.6
Mercury	0.18	0.81	**0.59**	0.09	**0.28**	0.07	**0.35**	0.07
Nickel	30	310	**12.2**	0.36	**11.4**	0.36	**18.5**	0.36
Potassium			**862**	5.4	**684**	5.4	**1,180**	5.3
Selenium	3.9	180	BRL	1.4	BRL	1.4	BRL	1.4
Silver	2	180	BRL	0.36	BRL	0.36	BRL	0.36
Sodium			**192**	5.4	**227**	5.4	**491**	5.3
Thallium			BRL	0.6	BRL	0.6	BRL	0.6
Vanadium			**20.6**	0.36	**21.3**	0.36	**28.6**	0.36
Zinc	109	10,000	**65**	0.36	**42.8**	0.36	**52.7**	0.36

Notes:

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

BRL - Below Reporting Limit

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

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

APPENDIX A
Laboratory Reports

PHOENIX
Environmental Laboratories, Inc.

Tuesday, September 24, 2013

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

Project ID: 1003 GREENE AVE.
Sample ID#s: BF38380 - BF38382, BF38385, BF38387 - BF38388, BF38390 - BF38391, BF38393 - BF38395

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

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

NY # 11301

SDG Comments

September 24, 2013

SDG I.D.: GBF38380

BF38387 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BF38388 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BF38390 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BF38391 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BF38393 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BF38394 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BF38395 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

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

September 24, 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:		09/11/13	0:00
Location Code:	EBC	Received by:	LB	09/12/13	15:57
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF38380
Phoenix ID: BF38380

Project ID: 1003 GREENE AVE.
Client ID: B1 0-2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	09/17/13	W	E160.3
Soil Extraction for PCB	Completed			09/17/13	JB/V	SW3545
Polychlorinated Biphenyls						
PCB-1016	ND	370	ug/Kg	09/18/13	AW	SW 8082
PCB-1221	ND	370	ug/Kg	09/18/13	AW	SW 8082
PCB-1232	ND	370	ug/Kg	09/18/13	AW	SW 8082
PCB-1242	ND	370	ug/Kg	09/18/13	AW	SW 8082
PCB-1248	ND	370	ug/Kg	09/18/13	AW	SW 8082
PCB-1254	ND	370	ug/Kg	09/18/13	AW	SW 8082
PCB-1260	ND	370	ug/Kg	09/18/13	AW	SW 8082
PCB-1262	ND	370	ug/Kg	09/18/13	AW	SW 8082
PCB-1268	ND	370	ug/Kg	09/18/13	AW	SW 8082
QA/QC Surrogates						
% DCBP	102		%	09/18/13	AW	30 - 150 %
% TCMX	112		%	09/18/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

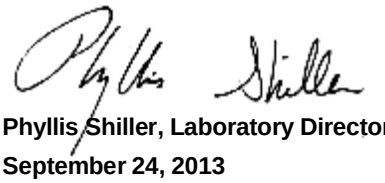
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

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

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

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



Phyllis Shiller, Laboratory Director
September 24, 2013
Reviewed and Released by: Bobbi Aloisa, Vice President

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

September 24, 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:		09/11/13	0:00
Location Code:	EBC	Received by:	LB	09/12/13	15:57
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF38380
Phoenix ID: BF38381

Project ID: 1003 GREENE AVE.
Client ID: B2 0-2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.36	0.36	mg/Kg	09/18/13	LK	SW6010
Aluminum	9030	54	mg/Kg	09/18/13	LK	SW6010
Arsenic	3.4	0.7	mg/Kg	09/18/13	LK	SW6010
Barium	69.2	0.36	mg/Kg	09/18/13	LK	SW6010
Beryllium	0.49	0.29	mg/Kg	09/18/13	LK	SW6010
Calcium	3640	5.4	mg/Kg	09/18/13	LK	SW6010
Cadmium	0.43	0.36	mg/Kg	09/18/13	LK	SW6010
Cobalt	4.49	0.36	mg/Kg	09/18/13	LK	SW6010
Chromium	15.4	0.36	mg/Kg	09/18/13	LK	SW6010
Copper	39.2	0.36	mg/kg	09/18/13	LK	SW6010
Iron	13100	54	mg/Kg	09/18/13	LK	SW6010
Mercury	0.59	0.09	mg/Kg	09/18/13	LK	SW-7471
Potassium	862	5.4	mg/Kg	09/18/13	LK	SW6010
Magnesium	1890	5.4	mg/Kg	09/18/13	LK	SW6010
Manganese	318	3.6	mg/Kg	09/18/13	LK	SW6010
Sodium	192	5.4	mg/Kg	09/18/13	LK	SW6010
Nickel	12.2	0.36	mg/Kg	09/18/13	LK	SW6010
Lead	130	0.36	mg/Kg	09/18/13	LK	SW6010
Antimony	< 3.6	3.6	mg/Kg	09/18/13	LK	SW6010
Selenium	< 1.4	1.4	mg/Kg	09/18/13	LK	SW6010
Thallium	< 0.6	0.6	mg/Kg	09/18/13	LK	SW6010
Vanadium	20.6	0.36	mg/Kg	09/18/13	LK	SW6010
Zinc	65.0	0.36	mg/Kg	09/18/13	LK	SW6010
Percent Solid	90		%	09/17/13	W	E160.3
Mercury Digestion	Completed			09/18/13	I/I	SW7471
Total Metals Digest	Completed			09/17/13	Z/AG	SW846 - 3050

Project ID: 1003 GREENE AVE. Phoenix I.D.: BF38381

Client ID: B2 0-2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

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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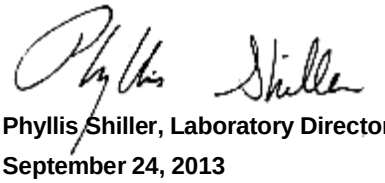

Phyllis Shiller, Laboratory Director

September 24, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President

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

September 24, 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:		09/11/13	0:00
Location Code:	EBC	Received by:	LB	09/12/13	15:57
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF38380
Phoenix ID: BF38382

Project ID: 1003 GREENE AVE.
Client ID: B3 0-2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.36	0.36	mg/Kg	09/18/13	LK	SW6010
Aluminum	10200	54	mg/Kg	09/18/13	LK	SW6010
Arsenic	3.1	0.7	mg/Kg	09/18/13	LK	SW6010
Barium	64.4	0.36	mg/Kg	09/18/13	LK	SW6010
Beryllium	0.45	0.29	mg/Kg	09/18/13	LK	SW6010
Calcium	3340	5.4	mg/Kg	09/18/13	LK	SW6010
Cadmium	0.44	0.36	mg/Kg	09/18/13	LK	SW6010
Cobalt	5.08	0.36	mg/Kg	09/18/13	LK	SW6010
Chromium	14.5	0.36	mg/Kg	09/18/13	LK	SW6010
Copper	16.3	0.36	mg/kg	09/18/13	LK	SW6010
Iron	15500	54	mg/Kg	09/18/13	LK	SW6010
Mercury	0.28	0.07	mg/Kg	09/18/13	LK	SW-7471
Potassium	684	5.4	mg/Kg	09/18/13	LK	SW6010
Magnesium	1780	5.4	mg/Kg	09/18/13	LK	SW6010
Manganese	392	3.6	mg/Kg	09/18/13	LK	SW6010
Sodium	227	5.4	mg/Kg	09/18/13	LK	SW6010
Nickel	11.4	0.36	mg/Kg	09/18/13	LK	SW6010
Lead	278	3.6	mg/Kg	09/18/13	LK	SW6010
Antimony	< 3.6	3.6	mg/Kg	09/18/13	LK	SW6010
Selenium	< 1.4	1.4	mg/Kg	09/18/13	LK	SW6010
Thallium	< 0.6	0.6	mg/Kg	09/18/13	LK	SW6010
Vanadium	21.3	0.36	mg/Kg	09/18/13	LK	SW6010
Zinc	42.8	0.36	mg/Kg	09/18/13	LK	SW6010
Percent Solid	90		%	09/17/13	W	E160.3
Mercury Digestion	Completed			09/18/13	I/I	SW7471
Total Metals Digest	Completed			09/17/13	Z/AG	SW846 - 3050

Project ID: 1003 GREENE AVE. Phoenix I.D.: BF38382

Client ID: B3 0-2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

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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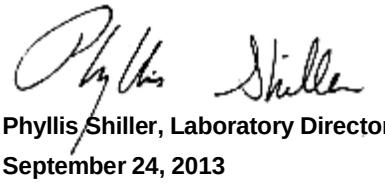

Phyllis Shiller, Laboratory Director

September 24, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President

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

September 24, 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:		09/11/13	0:00
Location Code:	EBC	Received by:	LB	09/12/13	15:57
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF38380
Phoenix ID: BF38385

Project ID: 1003 GREENE AVE.
Client ID: B6 0-2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.36	0.36	mg/Kg	09/18/13	LK	SW6010
Aluminum	8880	53	mg/Kg	09/19/13	EK	SW6010
Arsenic	4.0	0.7	mg/Kg	09/18/13	LK	SW6010
Barium	52.0	0.36	mg/Kg	09/18/13	LK	SW6010
Beryllium	0.44	0.28	mg/Kg	09/18/13	LK	SW6010
Calcium	5950	5.3	mg/Kg	09/18/13	LK	SW6010
Cadmium	0.51	0.36	mg/Kg	09/18/13	LK	SW6010
Cobalt	6.43	0.36	mg/Kg	09/18/13	LK	SW6010
Chromium	17.3	0.36	mg/Kg	09/18/13	LK	SW6010
Copper	29.4	0.36	mg/kg	09/18/13	LK	SW6010
Iron	18500	53	mg/Kg	09/19/13	EK	SW6010
Mercury	0.35	0.07	mg/Kg	09/18/13	LK	SW-7471
Potassium	1180	5.3	mg/Kg	09/18/13	LK	SW6010
Magnesium	2250	5.3	mg/Kg	09/18/13	LK	SW6010
Manganese	362	3.6	mg/Kg	09/19/13	EK	SW6010
Sodium	491	5.3	mg/Kg	09/18/13	LK	SW6010
Nickel	18.5	0.36	mg/Kg	09/18/13	LK	SW6010
Lead	92.0	0.36	mg/Kg	09/18/13	LK	SW6010
Antimony	< 3.6	3.6	mg/Kg	09/18/13	LK	SW6010
Selenium	< 1.4	1.4	mg/Kg	09/18/13	LK	SW6010
Thallium	< 0.6	0.6	mg/Kg	09/18/13	LK	SW6010
Vanadium	28.6	0.36	mg/Kg	09/18/13	LK	SW6010
Zinc	52.7	0.36	mg/Kg	09/18/13	LK	SW6010
Percent Solid	88		%	09/17/13	W	E160.3
Mercury Digestion	Completed			09/18/13	I/I	SW7471
Total Metals Digest	Completed			09/17/13	Z/AG	SW846 - 3050

Project ID: 1003 GREENE AVE. Phoenix I.D.: BF38385

Client ID: B6 0-2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

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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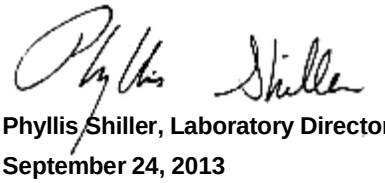

Phyllis Shiller, Laboratory Director

September 24, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President

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

September 24, 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:		09/11/13	0:00
Location Code:	EBC	Received by:	LB	09/12/13	15:57
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF38380
Phoenix ID: BF38387

Project ID: 1003 GREENE AVE.
Client ID: B1 18-20

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	95		%	09/17/13	W	E160.3
Soil Extraction SVOA PAH	Completed			09/17/13	JJ/FV	SW3545
Volatiles						
1,1,1,2-Tetrachloroethane	ND	5.3	ug/Kg	09/18/13	RM	SW8260
1,1,1-Trichloroethane	ND	5.3	ug/Kg	09/18/13	RM	SW8260
1,1,2,2-Tetrachloroethane	ND	5.3	ug/Kg	09/18/13	RM	SW8260
1,1,2-Trichloroethane	ND	5.3	ug/Kg	09/18/13	RM	SW8260
1,1-Dichloroethane	ND	5.3	ug/Kg	09/18/13	RM	SW8260
1,1-Dichloroethene	ND	5.3	ug/Kg	09/18/13	RM	SW8260
1,1-Dichloropropene	ND	5.3	ug/Kg	09/18/13	RM	SW8260
1,2,3-Trichlorobenzene	ND	5.3	ug/Kg	09/18/13	RM	SW8260
1,2,3-Trichloropropane	ND	5.3	ug/Kg	09/18/13	RM	SW8260
1,2,4-Trichlorobenzene	ND	5.3	ug/Kg	09/18/13	RM	SW8260
1,2,4-Trimethylbenzene	ND	5.3	ug/Kg	09/18/13	RM	SW8260
1,2-Dibromo-3-chloropropane	ND	5.3	ug/Kg	09/18/13	RM	SW8260
1,2-Dibromoethane	ND	5.3	ug/Kg	09/18/13	RM	SW8260
1,2-Dichlorobenzene	ND	5.3	ug/Kg	09/18/13	RM	SW8260
1,2-Dichloroethane	ND	5.3	ug/Kg	09/18/13	RM	SW8260
1,2-Dichloropropane	ND	5.3	ug/Kg	09/18/13	RM	SW8260
1,3,5-Trimethylbenzene	ND	5.3	ug/Kg	09/18/13	RM	SW8260
1,3-Dichlorobenzene	ND	5.3	ug/Kg	09/18/13	RM	SW8260
1,3-Dichloropropane	ND	5.3	ug/Kg	09/18/13	RM	SW8260
1,4-Dichlorobenzene	ND	5.3	ug/Kg	09/18/13	RM	SW8260
2,2-Dichloropropane	ND	5.3	ug/Kg	09/18/13	RM	SW8260
2-Chlorotoluene	ND	5.3	ug/Kg	09/18/13	RM	SW8260
2-Hexanone	ND	26	ug/Kg	09/18/13	RM	SW8260
2-Isopropyltoluene	ND	5.3	ug/Kg	09/18/13	RM	SW8260
4-Chlorotoluene	ND	5.3	ug/Kg	09/18/13	RM	SW8260

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	26	ug/Kg	09/18/13	RM	SW8260	
Acetone	ND	26	ug/Kg	09/18/13	RM	SW8260	
Acrylonitrile	ND	11	ug/Kg	09/18/13	RM	SW8260	
Benzene	ND	5.3	ug/Kg	09/18/13	RM	SW8260	
Bromobenzene	ND	5.3	ug/Kg	09/18/13	RM	SW8260	
Bromochloromethane	ND	5.3	ug/Kg	09/18/13	RM	SW8260	
Bromodichloromethane	ND	5.3	ug/Kg	09/18/13	RM	SW8260	
Bromoform	ND	5.3	ug/Kg	09/18/13	RM	SW8260	
Bromomethane	ND	5.3	ug/Kg	09/18/13	RM	SW8260	
Carbon Disulfide	ND	5.3	ug/Kg	09/18/13	RM	SW8260	
Carbon tetrachloride	ND	5.3	ug/Kg	09/18/13	RM	SW8260	
Chlorobenzene	ND	5.3	ug/Kg	09/18/13	RM	SW8260	
Chloroethane	ND	5.3	ug/Kg	09/18/13	RM	SW8260	
Chloroform	ND	5.3	ug/Kg	09/18/13	RM	SW8260	
Chloromethane	ND	5.3	ug/Kg	09/18/13	RM	SW8260	
cis-1,2-Dichloroethene	ND	5.3	ug/Kg	09/18/13	RM	SW8260	
cis-1,3-Dichloropropene	ND	5.3	ug/Kg	09/18/13	RM	SW8260	
Dibromochloromethane	ND	5.3	ug/Kg	09/18/13	RM	SW8260	
Dibromomethane	ND	5.3	ug/Kg	09/18/13	RM	SW8260	
Dichlorodifluoromethane	ND	5.3	ug/Kg	09/18/13	RM	SW8260	
Ethylbenzene	ND	5.3	ug/Kg	09/18/13	RM	SW8260	
Hexachlorobutadiene	ND	5.3	ug/Kg	09/18/13	RM	SW8260	
Isopropylbenzene	ND	5.3	ug/Kg	09/18/13	RM	SW8260	
m&p-Xylene	ND	5.3	ug/Kg	09/18/13	RM	SW8260	
Methyl Ethyl Ketone	ND	26	ug/Kg	09/18/13	RM	SW8260	
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	09/18/13	RM	SW8260	
Methylene chloride	ND	5.3	ug/Kg	09/18/13	RM	SW8260	
Naphthalene	ND	5.3	ug/Kg	09/18/13	RM	SW8260	
n-Butylbenzene	ND	5.3	ug/Kg	09/18/13	RM	SW8260	
n-Propylbenzene	ND	5.3	ug/Kg	09/18/13	RM	SW8260	
o-Xylene	ND	5.3	ug/Kg	09/18/13	RM	SW8260	
p-Isopropyltoluene	ND	5.3	ug/Kg	09/18/13	RM	SW8260	
sec-Butylbenzene	ND	5.3	ug/Kg	09/18/13	RM	SW8260	
Styrene	ND	5.3	ug/Kg	09/18/13	RM	SW8260	
tert-Butylbenzene	ND	5.3	ug/Kg	09/18/13	RM	SW8260	
Tetrachloroethene	ND	5.3	ug/Kg	09/18/13	RM	SW8260	
Tetrahydrofuran (THF)	ND	11	ug/Kg	09/18/13	RM	SW8260	1
Toluene	ND	5.3	ug/Kg	09/18/13	RM	SW8260	
Total Xylenes	ND	5.3	ug/Kg	09/18/13	RM	SW8260	
trans-1,2-Dichloroethene	ND	5.3	ug/Kg	09/18/13	RM	SW8260	
trans-1,3-Dichloropropene	ND	5.3	ug/Kg	09/18/13	RM	SW8260	
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	09/18/13	RM	SW8260	
Trichloroethene	ND	5.3	ug/Kg	09/18/13	RM	SW8260	
Trichlorofluoromethane	ND	5.3	ug/Kg	09/18/13	RM	SW8260	
Trichlorotrifluoroethane	ND	5.3	ug/Kg	09/18/13	RM	SW8260	
Vinyl chloride	ND	5.3	ug/Kg	09/18/13	RM	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	112		%	09/18/13	RM	70 - 130 %	
% Bromofluorobenzene	91		%	09/18/13	RM	70 - 130 %	
% Dibromofluoromethane	109		%	09/18/13	RM	70 - 130 %	

Project ID: 1003 GREENE AVE. Phoenix I.D.: BF38387

Client ID: B1 18-20

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Toluene-d8	102		%	09/18/13	RM	70 - 130 %
Semivolatiles-STARS/CP-51						
Acenaphthene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Acenaphthylene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Anthracene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Benz(a)anthracene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Benzo(a)pyrene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Benzo(b)fluoranthene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Benzo(ghi)perylene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Benzo(k)fluoranthene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Chrysene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Dibenz(a,h)anthracene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Fluoranthene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Fluorene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Naphthalene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Phenanthrene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Pyrene	ND	240	ug/Kg	09/18/13	DD	SW 8270
QA/QC Surrogates						
% 2-Fluorobiphenyl	81		%	09/18/13	DD	30 - 130 %
% Nitrobenzene-d5	79		%	09/18/13	DD	30 - 130 %
% Terphenyl-d14	82		%	09/18/13	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:

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

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

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

Phyllis Shiller, Laboratory Director

September 24, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President

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

September 24, 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:		09/11/13	0:00
Location Code:	EBC	Received by:	LB	09/12/13	15:57
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF38380
Phoenix ID: BF38388

Project ID: 1003 GREENE AVE.
Client ID: B2 10-15

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	09/17/13	W	E160.3
Soil Extraction SVOA PAH	Completed			09/17/13	JJ/FV	SW3545
Volatiles						
1,1,1,2-Tetrachloroethane	ND	280	ug/Kg	09/18/13	R/P	SW8260
1,1,1-Trichloroethane	ND	280	ug/Kg	09/18/13	R/P	SW8260
1,1,2,2-Tetrachloroethane	ND	280	ug/Kg	09/18/13	R/P	SW8260
1,1,2-Trichloroethane	ND	280	ug/Kg	09/18/13	R/P	SW8260
1,1-Dichloroethane	ND	280	ug/Kg	09/18/13	R/P	SW8260
1,1-Dichloroethene	ND	280	ug/Kg	09/18/13	R/P	SW8260
1,1-Dichloropropene	ND	280	ug/Kg	09/18/13	R/P	SW8260
1,2,3-Trichlorobenzene	ND	280	ug/Kg	09/18/13	R/P	SW8260
1,2,3-Trichloropropane	ND	280	ug/Kg	09/18/13	R/P	SW8260
1,2,4-Trichlorobenzene	ND	280	ug/Kg	09/18/13	R/P	SW8260
1,2,4-Trimethylbenzene	11000	1100	ug/Kg	09/18/13	R/P	SW8260
1,2-Dibromo-3-chloropropane	ND	280	ug/Kg	09/18/13	R/P	SW8260
1,2-Dibromoethane	ND	280	ug/Kg	09/18/13	R/P	SW8260
1,2-Dichlorobenzene	ND	280	ug/Kg	09/18/13	R/P	SW8260
1,2-Dichloroethane	ND	280	ug/Kg	09/18/13	R/P	SW8260
1,2-Dichloropropane	ND	280	ug/Kg	09/18/13	R/P	SW8260
1,3,5-Trimethylbenzene	3200	1100	ug/Kg	09/18/13	R/P	SW8260
1,3-Dichlorobenzene	ND	280	ug/Kg	09/18/13	R/P	SW8260
1,3-Dichloropropane	ND	280	ug/Kg	09/18/13	R/P	SW8260
1,4-Dichlorobenzene	ND	280	ug/Kg	09/18/13	R/P	SW8260
2,2-Dichloropropane	ND	280	ug/Kg	09/18/13	R/P	SW8260
2-Chlorotoluene	ND	280	ug/Kg	09/18/13	R/P	SW8260
2-Hexanone	ND	1400	ug/Kg	09/18/13	R/P	SW8260
2-Isopropyltoluene	ND	280	ug/Kg	09/18/13	R/P	SW8260
4-Chlorotoluene	ND	280	ug/Kg	09/18/13	R/P	SW8260

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	1400	ug/Kg	09/18/13	R/P	SW8260	
Acetone	ND	1400	ug/Kg	09/18/13	R/P	SW8260	
Acrylonitrile	ND	560	ug/Kg	09/18/13	R/P	SW8260	
Benzene	ND	280	ug/Kg	09/18/13	R/P	SW8260	
Bromobenzene	ND	280	ug/Kg	09/18/13	R/P	SW8260	
Bromochloromethane	ND	280	ug/Kg	09/18/13	R/P	SW8260	
Bromodichloromethane	ND	280	ug/Kg	09/18/13	R/P	SW8260	
Bromoform	ND	280	ug/Kg	09/18/13	R/P	SW8260	
Bromomethane	ND	280	ug/Kg	09/18/13	R/P	SW8260	
Carbon Disulfide	ND	280	ug/Kg	09/18/13	R/P	SW8260	
Carbon tetrachloride	ND	280	ug/Kg	09/18/13	R/P	SW8260	
Chlorobenzene	ND	280	ug/Kg	09/18/13	R/P	SW8260	
Chloroethane	ND	280	ug/Kg	09/18/13	R/P	SW8260	
Chloroform	ND	280	ug/Kg	09/18/13	R/P	SW8260	
Chloromethane	ND	280	ug/Kg	09/18/13	R/P	SW8260	
cis-1,2-Dichloroethene	ND	280	ug/Kg	09/18/13	R/P	SW8260	
cis-1,3-Dichloropropene	ND	280	ug/Kg	09/18/13	R/P	SW8260	
Dibromochloromethane	ND	280	ug/Kg	09/18/13	R/P	SW8260	
Dibromomethane	ND	280	ug/Kg	09/18/13	R/P	SW8260	
Dichlorodifluoromethane	ND	280	ug/Kg	09/18/13	R/P	SW8260	
Ethylbenzene	350	280	ug/Kg	09/18/13	R/P	SW8260	
Hexachlorobutadiene	ND	280	ug/Kg	09/18/13	R/P	SW8260	
Isopropylbenzene	ND	280	ug/Kg	09/18/13	R/P	SW8260	
m&p-Xylene	840	280	ug/Kg	09/18/13	R/P	SW8260	
Methyl Ethyl Ketone	ND	1400	ug/Kg	09/18/13	R/P	SW8260	
Methyl t-butyl ether (MTBE)	ND	560	ug/Kg	09/18/13	R/P	SW8260	
Methylene chloride	ND	280	ug/Kg	09/18/13	R/P	SW8260	
Naphthalene	5000	280	ug/Kg	09/18/13	R/P	SW8260	
n-Butylbenzene	1800	280	ug/Kg	09/18/13	R/P	SW8260	
n-Propylbenzene	1900	280	ug/Kg	09/18/13	R/P	SW8260	
o-Xylene	ND	280	ug/Kg	09/18/13	R/P	SW8260	
p-Isopropyltoluene	350	280	ug/Kg	09/18/13	R/P	SW8260	
sec-Butylbenzene	540	280	ug/Kg	09/18/13	R/P	SW8260	
Styrene	ND	280	ug/Kg	09/18/13	R/P	SW8260	
tert-Butylbenzene	ND	280	ug/Kg	09/18/13	R/P	SW8260	
Tetrachloroethene	ND	280	ug/Kg	09/18/13	R/P	SW8260	
Tetrahydrofuran (THF)	ND	560	ug/Kg	09/18/13	R/P	SW8260	1
Toluene	ND	280	ug/Kg	09/18/13	R/P	SW8260	
Total Xylenes	840	280	ug/Kg	09/18/13	R/P	SW8260	
trans-1,2-Dichloroethene	ND	280	ug/Kg	09/18/13	R/P	SW8260	
trans-1,3-Dichloropropene	ND	280	ug/Kg	09/18/13	R/P	SW8260	
trans-1,4-dichloro-2-butene	ND	560	ug/Kg	09/18/13	R/P	SW8260	
Trichloroethene	ND	280	ug/Kg	09/18/13	R/P	SW8260	
Trichlorofluoromethane	ND	280	ug/Kg	09/18/13	R/P	SW8260	
Trichlorotrifluoroethane	ND	280	ug/Kg	09/18/13	R/P	SW8260	
Vinyl chloride	ND	280	ug/Kg	09/18/13	R/P	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	09/18/13	R/P	70 - 130 %	
% Bromofluorobenzene	111		%	09/18/13	R/P	70 - 130 %	
% Dibromofluoromethane	95		%	09/18/13	R/P	70 - 130 %	

Project ID: 1003 GREENE AVE. Phoenix I.D.: BF38388
Client ID: B2 10-15

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Toluene-d8	106		%	09/18/13	R/P	70 - 130 %

Semivolatiles-STARS/CP-51

Acenaphthene	ND	260	ug/Kg	09/18/13	DD	SW 8270
Acenaphthylene	ND	260	ug/Kg	09/18/13	DD	SW 8270
Anthracene	ND	260	ug/Kg	09/18/13	DD	SW 8270
Benz(a)anthracene	ND	260	ug/Kg	09/18/13	DD	SW 8270
Benzo(a)pyrene	ND	260	ug/Kg	09/18/13	DD	SW 8270
Benzo(b)fluoranthene	ND	260	ug/Kg	09/18/13	DD	SW 8270
Benzo(ghi)perylene	ND	260	ug/Kg	09/18/13	DD	SW 8270
Benzo(k)fluoranthene	ND	260	ug/Kg	09/18/13	DD	SW 8270
Chrysene	ND	260	ug/Kg	09/18/13	DD	SW 8270
Dibenz(a,h)anthracene	ND	260	ug/Kg	09/18/13	DD	SW 8270
Fluoranthene	ND	260	ug/Kg	09/18/13	DD	SW 8270
Fluorene	ND	260	ug/Kg	09/18/13	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	09/18/13	DD	SW 8270
Naphthalene	910	260	ug/Kg	09/18/13	DD	SW 8270
Phenanthrene	ND	260	ug/Kg	09/18/13	DD	SW 8270
Pyrene	ND	260	ug/Kg	09/18/13	DD	SW 8270
QA/QC Surrogates						
% 2-Fluorobiphenyl	83		%	09/18/13	DD	30 - 130 %
% Nitrobenzene-d5	80		%	09/18/13	DD	30 - 130 %
% Terphenyl-d14	88		%	09/18/13	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:

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

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

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

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

Phyllis Shiller, Laboratory Director
September 24, 2013
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 24, 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:		09/11/13	0:00
Location Code:	EBC	Received by:	LB	09/12/13	15:57
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF38380
Phoenix ID: BF38390

Project ID: 1003 GREENE AVE.
Client ID: B3 28-30

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	96		%	09/17/13	W	E160.3
Soil Extraction SVOA PAH	Completed			09/17/13	JJ/FV	SW3545
Volatiles						
1,1,1,2-Tetrachloroethane	ND	5.1	ug/Kg	09/18/13	R/P	SW8260
1,1,1-Trichloroethane	ND	5.1	ug/Kg	09/18/13	R/P	SW8260
1,1,2,2-Tetrachloroethane	ND	5.1	ug/Kg	09/18/13	R/P	SW8260
1,1,2-Trichloroethane	ND	5.1	ug/Kg	09/18/13	R/P	SW8260
1,1-Dichloroethane	ND	5.1	ug/Kg	09/18/13	R/P	SW8260
1,1-Dichloroethene	ND	5.1	ug/Kg	09/18/13	R/P	SW8260
1,1-Dichloropropene	ND	5.1	ug/Kg	09/18/13	R/P	SW8260
1,2,3-Trichlorobenzene	ND	5.1	ug/Kg	09/18/13	R/P	SW8260
1,2,3-Trichloropropane	ND	5.1	ug/Kg	09/18/13	R/P	SW8260
1,2,4-Trichlorobenzene	ND	5.1	ug/Kg	09/18/13	R/P	SW8260
1,2,4-Trimethylbenzene	ND	5.1	ug/Kg	09/18/13	R/P	SW8260
1,2-Dibromo-3-chloropropane	ND	5.1	ug/Kg	09/18/13	R/P	SW8260
1,2-Dibromoethane	ND	5.1	ug/Kg	09/18/13	R/P	SW8260
1,2-Dichlorobenzene	ND	5.1	ug/Kg	09/18/13	R/P	SW8260
1,2-Dichloroethane	ND	5.1	ug/Kg	09/18/13	R/P	SW8260
1,2-Dichloropropane	ND	5.1	ug/Kg	09/18/13	R/P	SW8260
1,3,5-Trimethylbenzene	ND	5.1	ug/Kg	09/18/13	R/P	SW8260
1,3-Dichlorobenzene	ND	5.1	ug/Kg	09/18/13	R/P	SW8260
1,3-Dichloropropane	ND	5.1	ug/Kg	09/18/13	R/P	SW8260
1,4-Dichlorobenzene	ND	5.1	ug/Kg	09/18/13	R/P	SW8260
2,2-Dichloropropane	ND	5.1	ug/Kg	09/18/13	R/P	SW8260
2-Chlorotoluene	ND	5.1	ug/Kg	09/18/13	R/P	SW8260
2-Hexanone	ND	26	ug/Kg	09/18/13	R/P	SW8260
2-Isopropyltoluene	ND	5.1	ug/Kg	09/18/13	R/P	SW8260
4-Chlorotoluene	ND	5.1	ug/Kg	09/18/13	R/P	SW8260

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	26	ug/Kg	09/18/13	R/P	SW8260	
Acetone	74	26	ug/Kg	09/18/13	R/P	SW8260	
Acrylonitrile	ND	10	ug/Kg	09/18/13	R/P	SW8260	
Benzene	ND	5.1	ug/Kg	09/18/13	R/P	SW8260	
Bromobenzene	ND	5.1	ug/Kg	09/18/13	R/P	SW8260	
Bromochloromethane	ND	5.1	ug/Kg	09/18/13	R/P	SW8260	
Bromodichloromethane	ND	5.1	ug/Kg	09/18/13	R/P	SW8260	
Bromoform	ND	5.1	ug/Kg	09/18/13	R/P	SW8260	
Bromomethane	ND	5.1	ug/Kg	09/18/13	R/P	SW8260	
Carbon Disulfide	ND	5.1	ug/Kg	09/18/13	R/P	SW8260	
Carbon tetrachloride	ND	5.1	ug/Kg	09/18/13	R/P	SW8260	
Chlorobenzene	ND	5.1	ug/Kg	09/18/13	R/P	SW8260	
Chloroethane	ND	5.1	ug/Kg	09/18/13	R/P	SW8260	
Chloroform	ND	5.1	ug/Kg	09/18/13	R/P	SW8260	
Chloromethane	ND	5.1	ug/Kg	09/18/13	R/P	SW8260	
cis-1,2-Dichloroethene	ND	5.1	ug/Kg	09/18/13	R/P	SW8260	
cis-1,3-Dichloropropene	ND	5.1	ug/Kg	09/18/13	R/P	SW8260	
Dibromochloromethane	ND	5.1	ug/Kg	09/18/13	R/P	SW8260	
Dibromomethane	ND	5.1	ug/Kg	09/18/13	R/P	SW8260	
Dichlorodifluoromethane	ND	5.1	ug/Kg	09/18/13	R/P	SW8260	
Ethylbenzene	ND	5.1	ug/Kg	09/18/13	R/P	SW8260	
Hexachlorobutadiene	ND	5.1	ug/Kg	09/18/13	R/P	SW8260	
Isopropylbenzene	ND	5.1	ug/Kg	09/18/13	R/P	SW8260	
m&p-Xylene	ND	5.1	ug/Kg	09/18/13	R/P	SW8260	
Methyl Ethyl Ketone	ND	26	ug/Kg	09/18/13	R/P	SW8260	
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	09/18/13	R/P	SW8260	
Methylene chloride	ND	5.1	ug/Kg	09/18/13	R/P	SW8260	
Naphthalene	ND	5.1	ug/Kg	09/18/13	R/P	SW8260	
n-Butylbenzene	ND	5.1	ug/Kg	09/18/13	R/P	SW8260	
n-Propylbenzene	ND	5.1	ug/Kg	09/18/13	R/P	SW8260	
o-Xylene	ND	5.1	ug/Kg	09/18/13	R/P	SW8260	
p-Isopropyltoluene	ND	5.1	ug/Kg	09/18/13	R/P	SW8260	
sec-Butylbenzene	ND	5.1	ug/Kg	09/18/13	R/P	SW8260	
Styrene	ND	5.1	ug/Kg	09/18/13	R/P	SW8260	
tert-Butylbenzene	ND	5.1	ug/Kg	09/18/13	R/P	SW8260	
Tetrachloroethene	ND	5.1	ug/Kg	09/18/13	R/P	SW8260	
Tetrahydrofuran (THF)	ND	10	ug/Kg	09/18/13	R/P	SW8260	1
Toluene	ND	5.1	ug/Kg	09/18/13	R/P	SW8260	
Total Xylenes	ND	5.1	ug/Kg	09/18/13	R/P	SW8260	
trans-1,2-Dichloroethene	ND	5.1	ug/Kg	09/18/13	R/P	SW8260	
trans-1,3-Dichloropropene	ND	5.1	ug/Kg	09/18/13	R/P	SW8260	
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	09/18/13	R/P	SW8260	
Trichloroethene	ND	5.1	ug/Kg	09/18/13	R/P	SW8260	
Trichlorofluoromethane	ND	5.1	ug/Kg	09/18/13	R/P	SW8260	
Trichlorotrifluoroethane	ND	5.1	ug/Kg	09/18/13	R/P	SW8260	
Vinyl chloride	ND	5.1	ug/Kg	09/18/13	R/P	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	110		%	09/18/13	R/P	70 - 130 %	
% Bromofluorobenzene	91		%	09/18/13	R/P	70 - 130 %	
% Dibromofluoromethane	110		%	09/18/13	R/P	70 - 130 %	

Project ID: 1003 GREENE AVE. Phoenix I.D.: BF38390
Client ID: B3 28-30

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Toluene-d8	101		%	09/18/13	R/P	70 - 130 %
Semivolatiles-STARS/CP-51						
Acenaphthene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Acenaphthylene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Anthracene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Benz(a)anthracene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Benzo(a)pyrene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Benzo(b)fluoranthene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Benzo(ghi)perylene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Benzo(k)fluoranthene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Chrysene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Dibenz(a,h)anthracene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Fluoranthene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Fluorene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Naphthalene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Phenanthrene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Pyrene	ND	240	ug/Kg	09/18/13	DD	SW 8270
QA/QC Surrogates						
% 2-Fluorobiphenyl	85		%	09/18/13	DD	30 - 130 %
% Nitrobenzene-d5	86		%	09/18/13	DD	30 - 130 %
% Terphenyl-d14	87		%	09/18/13	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:

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

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
September 24, 2013
Reviewed and Released by: Bobbi Aloisa, Vice President

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

September 24, 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:		09/11/13	0:00
Location Code:	EBC	Received by:	LB	09/12/13	15:57
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF38380
Phoenix ID: BF38391

Project ID: 1003 GREENE AVE.
Client ID: B4 11-15

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	84		%	09/17/13	W	E160.3
Soil Extraction SVOA PAH	Completed			09/17/13	JJ/FV	SW3545
Volatiles						
1,1,1,2-Tetrachloroethane	ND	1500	ug/Kg	09/19/13	R/B	SW8260
1,1,1-Trichloroethane	ND	1500	ug/Kg	09/19/13	R/B	SW8260
1,1,2,2-Tetrachloroethane	ND	1500	ug/Kg	09/19/13	R/B	SW8260
1,1,2-Trichloroethane	ND	1500	ug/Kg	09/19/13	R/B	SW8260
1,1-Dichloroethane	ND	1500	ug/Kg	09/19/13	R/B	SW8260
1,1-Dichloroethene	ND	1500	ug/Kg	09/19/13	R/B	SW8260
1,1-Dichloropropene	ND	1500	ug/Kg	09/19/13	R/B	SW8260
1,2,3-Trichlorobenzene	ND	1500	ug/Kg	09/19/13	R/B	SW8260
1,2,3-Trichloropropane	ND	1500	ug/Kg	09/19/13	R/B	SW8260
1,2,4-Trichlorobenzene	ND	1500	ug/Kg	09/19/13	R/B	SW8260
1,2,4-Trimethylbenzene	20000	1500	ug/Kg	09/19/13	R/B	SW8260
1,2-Dibromo-3-chloropropane	ND	1500	ug/Kg	09/19/13	R/B	SW8260
1,2-Dibromoethane	ND	1500	ug/Kg	09/19/13	R/B	SW8260
1,2-Dichlorobenzene	ND	1500	ug/Kg	09/19/13	R/B	SW8260
1,2-Dichloroethane	ND	1500	ug/Kg	09/19/13	R/B	SW8260
1,2-Dichloropropane	ND	1500	ug/Kg	09/19/13	R/B	SW8260
1,3,5-Trimethylbenzene	5900	1500	ug/Kg	09/19/13	R/B	SW8260
1,3-Dichlorobenzene	ND	1500	ug/Kg	09/19/13	R/B	SW8260
1,3-Dichloropropane	ND	1500	ug/Kg	09/19/13	R/B	SW8260
1,4-Dichlorobenzene	ND	1500	ug/Kg	09/19/13	R/B	SW8260
2,2-Dichloropropane	ND	1500	ug/Kg	09/19/13	R/B	SW8260
2-Chlorotoluene	ND	1500	ug/Kg	09/19/13	R/B	SW8260
2-Hexanone	ND	7400	ug/Kg	09/19/13	R/B	SW8260
2-Isopropyltoluene	ND	1500	ug/Kg	09/19/13	R/B	SW8260
4-Chlorotoluene	ND	1500	ug/Kg	09/19/13	R/B	SW8260

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	7400	ug/Kg	09/19/13	R/B	SW8260	
Acetone	ND	7400	ug/Kg	09/19/13	R/B	SW8260	
Acrylonitrile	ND	3000	ug/Kg	09/19/13	R/B	SW8260	
Benzene	ND	1500	ug/Kg	09/19/13	R/B	SW8260	
Bromobenzene	ND	1500	ug/Kg	09/19/13	R/B	SW8260	
Bromochloromethane	ND	1500	ug/Kg	09/19/13	R/B	SW8260	
Bromodichloromethane	ND	1500	ug/Kg	09/19/13	R/B	SW8260	
Bromoform	ND	1500	ug/Kg	09/19/13	R/B	SW8260	
Bromomethane	ND	1500	ug/Kg	09/19/13	R/B	SW8260	
Carbon Disulfide	ND	1500	ug/Kg	09/19/13	R/B	SW8260	
Carbon tetrachloride	ND	1500	ug/Kg	09/19/13	R/B	SW8260	
Chlorobenzene	ND	1500	ug/Kg	09/19/13	R/B	SW8260	
Chloroethane	ND	1500	ug/Kg	09/19/13	R/B	SW8260	
Chloroform	ND	1500	ug/Kg	09/19/13	R/B	SW8260	
Chloromethane	ND	1500	ug/Kg	09/19/13	R/B	SW8260	
cis-1,2-Dichloroethene	ND	1500	ug/Kg	09/19/13	R/B	SW8260	
cis-1,3-Dichloropropene	ND	1500	ug/Kg	09/19/13	R/B	SW8260	
Dibromochloromethane	ND	1500	ug/Kg	09/19/13	R/B	SW8260	
Dibromomethane	ND	1500	ug/Kg	09/19/13	R/B	SW8260	
Dichlorodifluoromethane	ND	1500	ug/Kg	09/19/13	R/B	SW8260	
Ethylbenzene	5400	1500	ug/Kg	09/19/13	R/B	SW8260	
Hexachlorobutadiene	ND	1500	ug/Kg	09/19/13	R/B	SW8260	
Isopropylbenzene	ND	1500	ug/Kg	09/19/13	R/B	SW8260	
m&p-Xylene	19000	1500	ug/Kg	09/19/13	R/B	SW8260	
Methyl Ethyl Ketone	ND	7400	ug/Kg	09/19/13	R/B	SW8260	
Methyl t-butyl ether (MTBE)	ND	3000	ug/Kg	09/19/13	R/B	SW8260	
Methylene chloride	ND	1500	ug/Kg	09/19/13	R/B	SW8260	
Naphthalene	2900	1500	ug/Kg	09/19/13	R/B	SW8260	
n-Butylbenzene	ND	1500	ug/Kg	09/19/13	R/B	SW8260	
n-Propylbenzene	3500	1500	ug/Kg	09/19/13	R/B	SW8260	
o-Xylene	1600	1500	ug/Kg	09/19/13	R/B	SW8260	
p-Isopropyltoluene	ND	1500	ug/Kg	09/19/13	R/B	SW8260	
sec-Butylbenzene	ND	1500	ug/Kg	09/19/13	R/B	SW8260	
Styrene	ND	1500	ug/Kg	09/19/13	R/B	SW8260	
tert-Butylbenzene	ND	1500	ug/Kg	09/19/13	R/B	SW8260	
Tetrachloroethene	ND	1500	ug/Kg	09/19/13	R/B	SW8260	
Tetrahydrofuran (THF)	ND	3000	ug/Kg	09/19/13	R/B	SW8260	1
Toluene	ND	1500	ug/Kg	09/19/13	R/B	SW8260	
Total Xylenes	20600	1500	ug/Kg	09/19/13	R/B	SW8260	
trans-1,2-Dichloroethene	ND	1500	ug/Kg	09/19/13	R/B	SW8260	
trans-1,3-Dichloropropene	ND	1500	ug/Kg	09/19/13	R/B	SW8260	
trans-1,4-dichloro-2-butene	ND	3000	ug/Kg	09/19/13	R/B	SW8260	
Trichloroethene	ND	1500	ug/Kg	09/19/13	R/B	SW8260	
Trichlorofluoromethane	ND	1500	ug/Kg	09/19/13	R/B	SW8260	
Trichlorotrifluoroethane	ND	1500	ug/Kg	09/19/13	R/B	SW8260	
Vinyl chloride	ND	1500	ug/Kg	09/19/13	R/B	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	09/19/13	R/B	70 - 130 %	
% Bromofluorobenzene	100		%	09/19/13	R/B	70 - 130 %	
% Dibromofluoromethane	99		%	09/19/13	R/B	70 - 130 %	

Project ID: 1003 GREENE AVE. Phoenix I.D.: BF38391
Client ID: B4 11-15

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Toluene-d8	99		%	09/19/13	R/B	70 - 130 %
Semivolatiles-STARS/CP-51						
Acenaphthene	ND	270	ug/Kg	09/18/13	DD	SW 8270
Acenaphthylene	ND	270	ug/Kg	09/18/13	DD	SW 8270
Anthracene	ND	270	ug/Kg	09/18/13	DD	SW 8270
Benz(a)anthracene	ND	270	ug/Kg	09/18/13	DD	SW 8270
Benzo(a)pyrene	ND	270	ug/Kg	09/18/13	DD	SW 8270
Benzo(b)fluoranthene	ND	270	ug/Kg	09/18/13	DD	SW 8270
Benzo(ghi)perylene	ND	270	ug/Kg	09/18/13	DD	SW 8270
Benzo(k)fluoranthene	ND	270	ug/Kg	09/18/13	DD	SW 8270
Chrysene	ND	270	ug/Kg	09/18/13	DD	SW 8270
Dibenz(a,h)anthracene	ND	270	ug/Kg	09/18/13	DD	SW 8270
Fluoranthene	ND	270	ug/Kg	09/18/13	DD	SW 8270
Fluorene	ND	270	ug/Kg	09/18/13	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	09/18/13	DD	SW 8270
Naphthalene	1600	270	ug/Kg	09/18/13	DD	SW 8270
Phenanthrene	ND	270	ug/Kg	09/18/13	DD	SW 8270
Pyrene	ND	270	ug/Kg	09/18/13	DD	SW 8270
QA/QC Surrogates						
% 2-Fluorobiphenyl	80		%	09/18/13	DD	30 - 130 %
% Nitrobenzene-d5	75		%	09/18/13	DD	30 - 130 %
% Terphenyl-d14	87		%	09/18/13	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:

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

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

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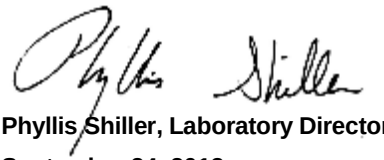

Phyllis Shiller, Laboratory Director
September 24, 2013
Reviewed and Released by: Bobbi Aloisa, Vice President

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

September 24, 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:		09/11/13	0:00
Location Code:	EBC	Received by:	LB	09/12/13	15:57
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF38380
Phoenix ID: BF38393

Project ID: 1003 GREENE AVE.
Client ID: B5 13-15

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	09/17/13	W	E160.3
Soil Extraction SVOA PAH	Completed			09/17/13	JJ/FV	SW3545
Volatiles						
1,1,1,2-Tetrachloroethane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
1,1,1-Trichloroethane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
1,1,2,2-Tetrachloroethane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
1,1,2-Trichloroethane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
1,1-Dichloroethane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
1,1-Dichloroethene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
1,1-Dichloropropene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
1,2,3-Trichlorobenzene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
1,2,3-Trichloropropane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
1,2,4-Trichlorobenzene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
1,2,4-Trimethylbenzene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
1,2-Dibromo-3-chloropropane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
1,2-Dibromoethane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
1,2-Dichlorobenzene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
1,2-Dichloroethane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
1,2-Dichloropropane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
1,3,5-Trimethylbenzene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
1,3-Dichlorobenzene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
1,3-Dichloropropane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
1,4-Dichlorobenzene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
2,2-Dichloropropane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
2-Chlorotoluene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
2-Hexanone	ND	27	ug/Kg	09/18/13	R/P	SW8260
2-Isopropyltoluene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
4-Chlorotoluene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	27	ug/Kg	09/18/13	R/P	SW8260	
Acetone	65	27	ug/Kg	09/18/13	R/P	SW8260	
Acrylonitrile	ND	11	ug/Kg	09/18/13	R/P	SW8260	
Benzene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Bromobenzene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Bromochloromethane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Bromodichloromethane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Bromoform	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Bromomethane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Carbon Disulfide	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Carbon tetrachloride	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Chlorobenzene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Chloroethane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Chloroform	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Chloromethane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
cis-1,2-Dichloroethene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
cis-1,3-Dichloropropene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Dibromochloromethane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Dibromomethane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Dichlorodifluoromethane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Ethylbenzene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Hexachlorobutadiene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Isopropylbenzene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
m&p-Xylene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Methyl Ethyl Ketone	ND	27	ug/Kg	09/18/13	R/P	SW8260	
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	09/18/13	R/P	SW8260	
Methylene chloride	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Naphthalene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
n-Butylbenzene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
n-Propylbenzene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
o-Xylene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
p-Isopropyltoluene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
sec-Butylbenzene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Styrene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
tert-Butylbenzene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Tetrachloroethene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Tetrahydrofuran (THF)	ND	11	ug/Kg	09/18/13	R/P	SW8260	1
Toluene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Total Xylenes	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
trans-1,2-Dichloroethene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
trans-1,3-Dichloropropene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	09/18/13	R/P	SW8260	
Trichloroethene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Trichlorofluoromethane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Trichlorotrifluoroethane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Vinyl chloride	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	111		%	09/18/13	R/P	70 - 130 %	
% Bromofluorobenzene	92		%	09/18/13	R/P	70 - 130 %	
% Dibromofluoromethane	116		%	09/18/13	R/P	70 - 130 %	

Project ID: 1003 GREENE AVE. Phoenix I.D.: BF38393
Client ID: B5 13-15

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Toluene-d8	103		%	09/18/13	R/P	70 - 130 %

Semivolatiles-STARS/CP-51

Acenaphthene	ND	250	ug/Kg	09/18/13	DD	SW 8270
Acenaphthylene	ND	250	ug/Kg	09/18/13	DD	SW 8270
Anthracene	ND	250	ug/Kg	09/18/13	DD	SW 8270
Benz(a)anthracene	ND	250	ug/Kg	09/18/13	DD	SW 8270
Benzo(a)pyrene	ND	250	ug/Kg	09/18/13	DD	SW 8270
Benzo(b)fluoranthene	ND	250	ug/Kg	09/18/13	DD	SW 8270
Benzo(ghi)perylene	ND	250	ug/Kg	09/18/13	DD	SW 8270
Benzo(k)fluoranthene	ND	250	ug/Kg	09/18/13	DD	SW 8270
Chrysene	ND	250	ug/Kg	09/18/13	DD	SW 8270
Dibenz(a,h)anthracene	ND	250	ug/Kg	09/18/13	DD	SW 8270
Fluoranthene	ND	250	ug/Kg	09/18/13	DD	SW 8270
Fluorene	ND	250	ug/Kg	09/18/13	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	250	ug/Kg	09/18/13	DD	SW 8270
Naphthalene	ND	250	ug/Kg	09/18/13	DD	SW 8270
Phenanthrene	ND	250	ug/Kg	09/18/13	DD	SW 8270
Pyrene	ND	250	ug/Kg	09/18/13	DD	SW 8270
QA/QC Surrogates						
% 2-Fluorobiphenyl	86		%	09/18/13	DD	30 - 130 %
% Nitrobenzene-d5	84		%	09/18/13	DD	30 - 130 %
% Terphenyl-d14	90		%	09/18/13	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:

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

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

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

Phyllis Shiller, Laboratory Director
September 24, 2013
Reviewed and Released by: Bobbi Aloisa, Vice President

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

September 24, 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:		09/11/13	0:00
Location Code:	EBC	Received by:	LB	09/12/13	15:57
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF38380
Phoenix ID: BF38394

Project ID: 1003 GREENE AVE.
Client ID: B6 18-20

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	93		%	09/17/13	W	E160.3
Soil Extraction SVOA PAH	Completed			09/17/13	JJ/FV	SW3545
Volatiles						
1,1,1,2-Tetrachloroethane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
1,1,1-Trichloroethane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
1,1,2,2-Tetrachloroethane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
1,1,2-Trichloroethane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
1,1-Dichloroethane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
1,1-Dichloroethene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
1,1-Dichloropropene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
1,2,3-Trichlorobenzene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
1,2,3-Trichloropropane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
1,2,4-Trichlorobenzene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
1,2,4-Trimethylbenzene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
1,2-Dibromo-3-chloropropane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
1,2-Dibromoethane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
1,2-Dichlorobenzene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
1,2-Dichloroethane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
1,2-Dichloropropane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
1,3,5-Trimethylbenzene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
1,3-Dichlorobenzene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
1,3-Dichloropropane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
1,4-Dichlorobenzene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
2,2-Dichloropropane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
2-Chlorotoluene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
2-Hexanone	ND	27	ug/Kg	09/18/13	R/P	SW8260
2-Isopropyltoluene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260
4-Chlorotoluene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260

Project ID: 1003 GREENE AVE.
Client ID: B6 18-20

Phoenix I.D.: BF38394

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	27	ug/Kg	09/18/13	R/P	SW8260	
Acetone	120	27	ug/Kg	09/18/13	R/P	SW8260	
Acrylonitrile	ND	11	ug/Kg	09/18/13	R/P	SW8260	
Benzene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Bromobenzene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Bromochloromethane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Bromodichloromethane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Bromoform	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Bromomethane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Carbon Disulfide	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Carbon tetrachloride	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Chlorobenzene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Chloroethane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Chloroform	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Chloromethane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
cis-1,2-Dichloroethene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
cis-1,3-Dichloropropene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Dibromochloromethane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Dibromomethane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Dichlorodifluoromethane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Ethylbenzene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Hexachlorobutadiene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Isopropylbenzene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
m&p-Xylene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Methyl Ethyl Ketone	ND	27	ug/Kg	09/18/13	R/P	SW8260	
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	09/18/13	R/P	SW8260	
Methylene chloride	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Naphthalene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
n-Butylbenzene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
n-Propylbenzene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
o-Xylene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
p-Isopropyltoluene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
sec-Butylbenzene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Styrene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
tert-Butylbenzene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Tetrachloroethene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Tetrahydrofuran (THF)	ND	11	ug/Kg	09/18/13	R/P	SW8260	1
Toluene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Total Xylenes	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
trans-1,2-Dichloroethene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
trans-1,3-Dichloropropene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	09/18/13	R/P	SW8260	
Trichloroethene	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Trichlorofluoromethane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Trichlorotrifluoroethane	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
Vinyl chloride	ND	5.4	ug/Kg	09/18/13	R/P	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	109		%	09/18/13	R/P	70 - 130 %	
% Bromofluorobenzene	90		%	09/18/13	R/P	70 - 130 %	
% Dibromofluoromethane	117		%	09/18/13	R/P	70 - 130 %	

Project ID: 1003 GREENE AVE. Phoenix I.D.: BF38394
Client ID: B6 18-20

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Toluene-d8	103		%	09/18/13	R/P	70 - 130 %
Semivolatiles-STARS/CP-51						
Acenaphthene	ND	250	ug/Kg	09/18/13	DD	SW 8270
Acenaphthylene	ND	250	ug/Kg	09/18/13	DD	SW 8270
Anthracene	ND	250	ug/Kg	09/18/13	DD	SW 8270
Benz(a)anthracene	ND	250	ug/Kg	09/18/13	DD	SW 8270
Benzo(a)pyrene	ND	250	ug/Kg	09/18/13	DD	SW 8270
Benzo(b)fluoranthene	ND	250	ug/Kg	09/18/13	DD	SW 8270
Benzo(ghi)perylene	ND	250	ug/Kg	09/18/13	DD	SW 8270
Benzo(k)fluoranthene	ND	250	ug/Kg	09/18/13	DD	SW 8270
Chrysene	ND	250	ug/Kg	09/18/13	DD	SW 8270
Dibenz(a,h)anthracene	ND	250	ug/Kg	09/18/13	DD	SW 8270
Fluoranthene	ND	250	ug/Kg	09/18/13	DD	SW 8270
Fluorene	ND	250	ug/Kg	09/18/13	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	250	ug/Kg	09/18/13	DD	SW 8270
Naphthalene	ND	250	ug/Kg	09/18/13	DD	SW 8270
Phenanthrene	ND	250	ug/Kg	09/18/13	DD	SW 8270
Pyrene	ND	250	ug/Kg	09/18/13	DD	SW 8270
QA/QC Surrogates						
% 2-Fluorobiphenyl	85		%	09/18/13	DD	30 - 130 %
% Nitrobenzene-d5	85		%	09/18/13	DD	30 - 130 %
% Terphenyl-d14	95		%	09/18/13	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:

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

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

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

Phyllis Shiller, Laboratory Director
September 24, 2013
Reviewed and Released by: Bobbi Aloisa, Vice President

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

September 24, 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:		09/11/13	0:00
Location Code:	EBC	Received by:	LB	09/12/13	15:57
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF38380
Phoenix ID: BF38395

Project ID: 1003 GREENE AVE.
Client ID: B7 18-20

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	97		%	09/17/13	W	E160.3
Soil Extraction SVOA PAH	Completed			09/17/13	JJ/FV	SW3545
Volatiles						
1,1,1,2-Tetrachloroethane	ND	5.2	ug/Kg	09/18/13	R/P	SW8260
1,1,1-Trichloroethane	ND	5.2	ug/Kg	09/18/13	R/P	SW8260
1,1,2,2-Tetrachloroethane	ND	5.2	ug/Kg	09/18/13	R/P	SW8260
1,1,2-Trichloroethane	ND	5.2	ug/Kg	09/18/13	R/P	SW8260
1,1-Dichloroethane	ND	5.2	ug/Kg	09/18/13	R/P	SW8260
1,1-Dichloroethene	ND	5.2	ug/Kg	09/18/13	R/P	SW8260
1,1-Dichloropropene	ND	5.2	ug/Kg	09/18/13	R/P	SW8260
1,2,3-Trichlorobenzene	ND	5.2	ug/Kg	09/18/13	R/P	SW8260
1,2,3-Trichloropropane	ND	5.2	ug/Kg	09/18/13	R/P	SW8260
1,2,4-Trichlorobenzene	ND	5.2	ug/Kg	09/18/13	R/P	SW8260
1,2,4-Trimethylbenzene	ND	5.2	ug/Kg	09/18/13	R/P	SW8260
1,2-Dibromo-3-chloropropane	ND	5.2	ug/Kg	09/18/13	R/P	SW8260
1,2-Dibromoethane	ND	5.2	ug/Kg	09/18/13	R/P	SW8260
1,2-Dichlorobenzene	ND	5.2	ug/Kg	09/18/13	R/P	SW8260
1,2-Dichloroethane	ND	5.2	ug/Kg	09/18/13	R/P	SW8260
1,2-Dichloropropane	ND	5.2	ug/Kg	09/18/13	R/P	SW8260
1,3,5-Trimethylbenzene	ND	5.2	ug/Kg	09/18/13	R/P	SW8260
1,3-Dichlorobenzene	ND	5.2	ug/Kg	09/18/13	R/P	SW8260
1,3-Dichloropropane	ND	5.2	ug/Kg	09/18/13	R/P	SW8260
1,4-Dichlorobenzene	ND	5.2	ug/Kg	09/18/13	R/P	SW8260
2,2-Dichloropropane	ND	5.2	ug/Kg	09/18/13	R/P	SW8260
2-Chlorotoluene	ND	5.2	ug/Kg	09/18/13	R/P	SW8260
2-Hexanone	ND	26	ug/Kg	09/18/13	R/P	SW8260
2-Isopropyltoluene	ND	5.2	ug/Kg	09/18/13	R/P	SW8260
4-Chlorotoluene	ND	5.2	ug/Kg	09/18/13	R/P	SW8260

Project ID: 1003 GREENE AVE.
Client ID: B7 18-20

Phoenix I.D.: BF38395

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	26	ug/Kg	09/18/13	R/P	SW8260	
Acetone	64	26	ug/Kg	09/18/13	R/P	SW8260	
Acrylonitrile	ND	10	ug/Kg	09/18/13	R/P	SW8260	
Benzene	ND	5.2	ug/Kg	09/18/13	R/P	SW8260	
Bromobenzene	ND	5.2	ug/Kg	09/18/13	R/P	SW8260	
Bromochloromethane	ND	5.2	ug/Kg	09/18/13	R/P	SW8260	
Bromodichloromethane	ND	5.2	ug/Kg	09/18/13	R/P	SW8260	
Bromoform	ND	5.2	ug/Kg	09/18/13	R/P	SW8260	
Bromomethane	ND	5.2	ug/Kg	09/18/13	R/P	SW8260	
Carbon Disulfide	ND	5.2	ug/Kg	09/18/13	R/P	SW8260	
Carbon tetrachloride	ND	5.2	ug/Kg	09/18/13	R/P	SW8260	
Chlorobenzene	ND	5.2	ug/Kg	09/18/13	R/P	SW8260	
Chloroethane	ND	5.2	ug/Kg	09/18/13	R/P	SW8260	
Chloroform	ND	5.2	ug/Kg	09/18/13	R/P	SW8260	
Chloromethane	ND	5.2	ug/Kg	09/18/13	R/P	SW8260	
cis-1,2-Dichloroethene	ND	5.2	ug/Kg	09/18/13	R/P	SW8260	
cis-1,3-Dichloropropene	ND	5.2	ug/Kg	09/18/13	R/P	SW8260	
Dibromochloromethane	ND	5.2	ug/Kg	09/18/13	R/P	SW8260	
Dibromomethane	ND	5.2	ug/Kg	09/18/13	R/P	SW8260	
Dichlorodifluoromethane	ND	5.2	ug/Kg	09/18/13	R/P	SW8260	
Ethylbenzene	ND	5.2	ug/Kg	09/18/13	R/P	SW8260	
Hexachlorobutadiene	ND	5.2	ug/Kg	09/18/13	R/P	SW8260	
Isopropylbenzene	ND	5.2	ug/Kg	09/18/13	R/P	SW8260	
m&p-Xylene	ND	5.2	ug/Kg	09/18/13	R/P	SW8260	
Methyl Ethyl Ketone	ND	26	ug/Kg	09/18/13	R/P	SW8260	
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	09/18/13	R/P	SW8260	
Methylene chloride	ND	5.2	ug/Kg	09/18/13	R/P	SW8260	
Naphthalene	ND	5.2	ug/Kg	09/18/13	R/P	SW8260	
n-Butylbenzene	ND	5.2	ug/Kg	09/18/13	R/P	SW8260	
n-Propylbenzene	ND	5.2	ug/Kg	09/18/13	R/P	SW8260	
o-Xylene	ND	5.2	ug/Kg	09/18/13	R/P	SW8260	
p-Isopropyltoluene	ND	5.2	ug/Kg	09/18/13	R/P	SW8260	
sec-Butylbenzene	ND	5.2	ug/Kg	09/18/13	R/P	SW8260	
Styrene	ND	5.2	ug/Kg	09/18/13	R/P	SW8260	
tert-Butylbenzene	ND	5.2	ug/Kg	09/18/13	R/P	SW8260	
Tetrachloroethene	ND	5.2	ug/Kg	09/18/13	R/P	SW8260	
Tetrahydrofuran (THF)	ND	10	ug/Kg	09/18/13	R/P	SW8260	1
Toluene	ND	5.2	ug/Kg	09/18/13	R/P	SW8260	
Total Xylenes	ND	5.2	ug/Kg	09/18/13	R/P	SW8260	
trans-1,2-Dichloroethene	ND	5.2	ug/Kg	09/18/13	R/P	SW8260	
trans-1,3-Dichloropropene	ND	5.2	ug/Kg	09/18/13	R/P	SW8260	
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	09/18/13	R/P	SW8260	
Trichloroethene	ND	5.2	ug/Kg	09/18/13	R/P	SW8260	
Trichlorofluoromethane	ND	5.2	ug/Kg	09/18/13	R/P	SW8260	
Trichlorotrifluoroethane	ND	5.2	ug/Kg	09/18/13	R/P	SW8260	
Vinyl chloride	ND	5.2	ug/Kg	09/18/13	R/P	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	109		%	09/18/13	R/P	70 - 130 %	
% Bromofluorobenzene	90		%	09/18/13	R/P	70 - 130 %	
% Dibromofluoromethane	114		%	09/18/13	R/P	70 - 130 %	

Project ID: 1003 GREENE AVE. Phoenix I.D.: BF38395
Client ID: B7 18-20

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Toluene-d8	102		%	09/18/13	R/P	70 - 130 %
Semivolatiles-STARS/CP-51						
Acenaphthene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Acenaphthylene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Anthracene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Benz(a)anthracene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Benzo(a)pyrene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Benzo(b)fluoranthene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Benzo(ghi)perylene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Benzo(k)fluoranthene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Chrysene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Dibenz(a,h)anthracene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Fluoranthene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Fluorene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Naphthalene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Phenanthrene	ND	240	ug/Kg	09/18/13	DD	SW 8270
Pyrene	ND	240	ug/Kg	09/18/13	DD	SW 8270
QA/QC Surrogates						
% 2-Fluorobiphenyl	84		%	09/18/13	DD	30 - 130 %
% Nitrobenzene-d5	83		%	09/18/13	DD	30 - 130 %
% Terphenyl-d14	89		%	09/18/13	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:

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

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

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

Phyllis Shiller, Laboratory Director
September 24, 2013
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

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

QA/QC Report

September 24, 2013

QA/QC Data

SDG I.D.: GBF38380

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 252690, QC Sample No: BF40417 (BF38381, BF38382, BF38383, BF38385)													
ICP Metals - Soil													
Aluminum	BRL	17500	25000	NC	102	107	4.8	NC	NC	NC	75 - 125	30	
Antimony	BRL	<4.5	<4.1	NC	101	104	2.9	77.1	82.3	6.5	75 - 125	30	
Arsenic	BRL	2.7	2.10	NC	96.0	101	5.1	75.0	83.7	11.0	75 - 125	30	
Barium	BRL	36.0	35.5	1.40	103	106	2.9	94.1	102	8.1	75 - 125	30	
Beryllium	BRL	<0.36	<0.33	NC	98.7	104	5.2	95.0	97.1	2.2	75 - 125	30	
Cadmium	BRL	<0.45	<0.41	NC	95.5	105	9.5	92.6	94.4	1.9	75 - 125	30	
Calcium	BRL	1430	1440	0.70	101	105	3.9	NC	NC	NC	75 - 125	30	
Chromium	BRL	3380	2510	29.5	102	107	4.8	NC	NC	NC	75 - 125	30	
Cobalt	BRL	1730	1390	21.8	98.4	106	7.4	NC	NC	NC	75 - 125	30	
Copper	BRL	91.3	105	14.0	101	110	8.5	119	88.0	30.0	75 - 125	30	
Iron	BRL	18900	17000	10.6	109	114	4.5	NC	NC	NC	75 - 125	30	
Lead	BRL	3.62	8.83	83.7	97.3	101	3.7	92.5	95.0	2.7	75 - 125	30	r
Magnesium	BRL	2480	2520	1.60	101	104	2.9	NC	NC	NC	75 - 125	30	
Manganese	BRL	403	415	2.90	101	106	4.8	NC	NC	NC	75 - 125	30	
Nickel	BRL	23600	24800	5.00	97.7	107	9.1	NC	NC	NC	75 - 125	30	
Potassium	BRL	841	738	13.0	113	116	2.6	101	>130	NC	75 - 125	30	m
Selenium	BRL	<1.8	<1.6	NC	83.1	87.3	4.9	71.4	77.2	7.8	75 - 125	30	m
Silver	BRL	2.65	2.26	15.9	97.3	104	6.7	98.8	96.3	2.6	75 - 125	30	
Sodium	BRL	147	140	4.90	112	116	3.5	129	>130	NC	75 - 125	30	m
Thallium	BRL	19.5	23.2	NC	101	105	3.9	95.5	96.5	1.0	75 - 125	30	
Vanadium	BRL	734	1140	NC	104	110	5.6	>130	>130	NC	75 - 125	30	m
Zinc	BRL	610	679	NC	97.4	104	6.6	>130	>130	NC	75 - 125	30	m
QA/QC Batch 252742, QC Sample No: BF40609 (BF38381, BF38382, BF38385)													
Mercury - Soil	BRL	<0.07	<0.06	NC	105	96.0	9.0	97.5	91.9	5.9	70 - 130	30	

Comment:

Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.

m = This parameter is outside laboratory ms/msd specified recovery limits.
r = This parameter is outside laboratory rpd specified recovery limits.

Environmental Laboratories, Inc.
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NY # 11301

QA/QC Report

September 24, 2013

QA/QC Data

SDG I.D.: GBF38380

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 252868, QC Sample No: BF38387 (BF38387)										
Volatiles - Soil										
1,1,1,2-Tetrachloroethane	ND	108	102	5.7	112	110	1.8	70 - 130	30	
1,1,1-Trichloroethane	ND	105	105	0.0	114	112	1.8	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	90	87	3.4	102	104	1.9	70 - 130	30	
1,1,2-Trichloroethane	ND	102	100	2.0	98	99	1.0	70 - 130	30	
1,1-Dichloroethane	ND	103	105	1.9	104	123	16.7	70 - 130	30	
1,1-Dichloroethene	ND	116	115	0.9	124	111	11.1	70 - 130	30	
1,1-Dichloropropene	ND	103	103	0.0	102	106	3.8	70 - 130	30	
1,2,3-Trichlorobenzene	ND	98	95	3.1	91	96	5.3	70 - 130	30	
1,2,3-Trichloropropane	ND	100	100	0.0	108	111	2.7	70 - 130	30	
1,2,4-Trichlorobenzene	ND	92	91	1.1	85	89	4.6	70 - 130	30	
1,2,4-Trimethylbenzene	ND	105	104	1.0	108	111	2.7	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	100	103	3.0	107	106	0.9	70 - 130	30	
1,2-Dibromoethane	ND	102	101	1.0	103	101	2.0	70 - 130	30	
1,2-Dichlorobenzene	ND	96	96	0.0	96	99	3.1	70 - 130	30	
1,2-Dichloroethane	ND	108	105	2.8	115	116	0.9	70 - 130	30	
1,2-Dichloropropane	ND	99	98	1.0	96	100	4.1	70 - 130	30	
1,3,5-Trimethylbenzene	ND	105	104	1.0	108	111	2.7	70 - 130	30	
1,3-Dichlorobenzene	ND	96	93	3.2	94	95	1.1	70 - 130	30	
1,3-Dichloropropane	ND	103	101	2.0	106	106	0.0	70 - 130	30	
1,4-Dichlorobenzene	ND	95	93	2.1	92	94	2.2	70 - 130	30	
2,2-Dichloropropane	ND	103	103	0.0	111	136	20.2	70 - 130	30	m
2-Chlorotoluene	ND	102	103	1.0	103	104	1.0	70 - 130	30	
2-Hexanone	ND	141	122	14.4	100	98	2.0	70 - 130	30	l
2-Isopropyltoluene	ND	107	106	0.9	110	110	0.0	70 - 130	30	
4-Chlorotoluene	ND	96	94	2.1	98	101	3.0	70 - 130	30	
4-Methyl-2-pentanone	ND	106	106	0.0	101	102	1.0	70 - 130	30	
Acetone	ND	>150	>150	NC	128	118	8.1	70 - 130	30	l
Acrylonitrile	ND	92	97	5.3	95	118	21.6	70 - 130	30	
Benzene	ND	96	95	1.0	93	97	4.2	70 - 130	30	
Bromobenzene	ND	100	99	1.0	99	101	2.0	70 - 130	30	
Bromochloromethane	ND	94	93	1.1	97	130	29.1	70 - 130	30	
Bromodichloromethane	ND	105	102	2.9	108	111	2.7	70 - 130	30	
Bromoform	ND	105	102	2.9	108	108	0.0	70 - 130	30	
Bromomethane	ND	103	101	2.0	106	97	8.9	70 - 130	30	
Carbon Disulfide	ND	109	108	0.9	116	114	1.7	70 - 130	30	
Carbon tetrachloride	ND	107	104	2.8	110	112	1.8	70 - 130	30	
Chlorobenzene	ND	99	96	3.1	97	98	1.0	70 - 130	30	
Chloroethane	ND	112	121	7.7	110	108	1.8	70 - 130	30	
Chloroform	ND	98	99	1.0	106	125	16.5	70 - 130	30	
Chloromethane	ND	95	91	4.3	90	87	3.4	70 - 130	30	
cis-1,2-Dichloroethene	ND	98	100	2.0	95	130	31.1	70 - 130	30	r

QA/QC Data

SDG I.D.: GBF38380

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
cis-1,3-Dichloropropene	ND	106	103	2.9	103	104	1.0	70 - 130	30	
Dibromochloromethane	ND	107	102	4.8	110	110	0.0	70 - 130	30	
Dibromomethane	ND	100	98	2.0	102	104	1.9	70 - 130	30	
Dichlorodifluoromethane	ND	97	97	0.0	91	91	0.0	70 - 130	30	
Ethylbenzene	ND	99	94	5.2	100	100	0.0	70 - 130	30	
Hexachlorobutadiene	ND	102	101	1.0	107	105	1.9	70 - 130	30	
Isopropylbenzene	ND	106	107	0.9	104	109	4.7	70 - 130	30	
m&p-Xylene	ND	100	96	4.1	100	102	2.0	70 - 130	30	
Methyl ethyl ketone	ND	146	120	19.5	96	92	4.3	70 - 130	30	l
Methyl t-butyl ether (MTBE)	ND	112	111	0.9	123	119	3.3	70 - 130	30	
Methylene chloride	ND	104	100	3.9	118	108	8.8	70 - 130	30	
Naphthalene	ND	107	106	0.9	101	105	3.9	70 - 130	30	
n-Butylbenzene	ND	101	102	1.0	101	104	2.9	70 - 130	30	
n-Propylbenzene	ND	100	102	2.0	101	102	1.0	70 - 130	30	
o-Xylene	ND	101	102	1.0	97	98	1.0	70 - 130	30	
p-Isopropyltoluene	ND	106	105	0.9	108	110	1.8	70 - 130	30	
sec-Butylbenzene	ND	103	102	1.0	106	108	1.9	70 - 130	30	
Styrene	ND	95	96	1.0	93	94	1.1	70 - 130	30	
tert-Butylbenzene	ND	111	111	0.0	113	116	2.6	70 - 130	30	
Tetrachloroethene	ND	98	96	2.1	101	99	2.0	70 - 130	30	
Tetrahydrofuran (THF)	ND	100	102	2.0	103	102	1.0	70 - 130	30	
Toluene	ND	96	96	0.0	95	98	3.1	70 - 130	30	
trans-1,2-Dichloroethene	ND	121	115	5.1	135	126	6.9	70 - 130	30	m
trans-1,3-Dichloropropene	ND	104	102	1.9	107	110	2.8	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	103	102	1.0	104	100	3.9	70 - 130	30	
Trichloroethene	ND	103	105	1.9	95	98	3.1	70 - 130	30	
Trichlorofluoromethane	ND	124	120	3.3	119	116	2.6	70 - 130	30	
Trichlorotrifluoroethane	ND	113	117	3.5	122	116	5.0	70 - 130	30	
Vinyl chloride	ND	102	101	1.0	92	91	1.1	70 - 130	30	
% 1,2-dichlorobenzene-d4	102	98	102	4.0	101	100	1.0	70 - 130	30	
% Bromofluorobenzene	94	102	100	2.0	102	99	3.0	70 - 130	30	
% Dibromofluoromethane	99	96	95	1.0	100	98	2.0	70 - 130	30	
% Toluene-d8	99	99	99	0.0	97	98	1.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-200%.

QA/QC Batch 252391, QC Sample No: BF39997 (BF38387, BF38388, BF38390, BF38391, BF38393, BF38394, BF38395)

Polynuclear Aromatic HC - Soil

Acenaphthene	ND	83	84	1.2	87	86	1.2	30 - 130	30	
Acenaphthylene	ND	82	82	0.0	88	88	0.0	30 - 130	30	
Anthracene	ND	84	84	0.0	88	89	1.1	30 - 130	30	
Benz(a)anthracene	ND	92	92	0.0	92	92	0.0	30 - 130	30	
Benzo(a)pyrene	ND	79	79	0.0	82	82	0.0	30 - 130	30	
Benzo(b)fluoranthene	ND	82	86	4.8	105	102	2.9	30 - 130	30	
Benzo(ghi)perylene	ND	87	89	2.3	40	41	2.5	30 - 130	30	
Benzo(k)fluoranthene	ND	84	82	2.4	104	104	0.0	30 - 130	30	
Chrysene	ND	94	94	0.0	92	93	1.1	30 - 130	30	
Dibenz(a,h)anthracene	ND	83	84	1.2	51	53	3.8	30 - 130	30	
Fluoranthene	ND	83	83	0.0	92	93	1.1	30 - 130	30	
Fluorene	ND	85	85	0.0	90	90	0.0	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	85	86	1.2	38	41	7.6	30 - 130	30	
Naphthalene	ND	80	79	1.3	81	81	0.0	30 - 130	30	
Phenanthrene	ND	85	86	1.2	88	88	0.0	30 - 130	30	

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Pyrene	ND	82	83	1.2	90	92	2.2	30 - 130	30	
% 2-Fluorobiphenyl	81	81	81	0.0	85	84	1.2	30 - 130	30	
% Nitrobenzene-d5	81	82	81	1.2	85	85	0.0	30 - 130	30	
% Terphenyl-d14	84	87	88	1.1	98	100	2.0	30 - 130	30	
QA/QC Batch 252392, QC Sample No: BF40042 (BF38380)										
Polychlorinated Biphenyls - Soil										
PCB-1016	ND	94	91	3.2	94	95	1.1	40 - 140	30	
PCB-1221	ND							40 - 140	30	
PCB-1232	ND							40 - 140	30	
PCB-1242	ND							40 - 140	30	
PCB-1248	ND							40 - 140	30	
PCB-1254	ND							40 - 140	30	
PCB-1260	ND	98	95	3.1	97	99	2.0	40 - 140	30	
PCB-1262	ND							40 - 140	30	
PCB-1268	ND							40 - 140	30	
% DCBP (Surrogate Rec)	56	100	97	3.0	98	104	5.9	30 - 150	30	
% TCMX (Surrogate Rec)	64	112	108	3.6	107	110	2.8	30 - 150	30	
QA/QC Batch 253474, QC Sample No: BF40407 (BF38388 (50, 200X) , BF38390, BF38393, BF38394, BF38395)										
Volatiles - Soil										
1,1,1,2-Tetrachloroethane	ND	104	101	2.9	108	108	0.0	70 - 130	30	
1,1,1-Trichloroethane	ND	102	101	1.0	72	107	39.1	70 - 130	30	r
1,1,2,2-Tetrachloroethane	ND	90	92	2.2	109	107	1.9	70 - 130	30	
1,1,2-Trichloroethane	ND	97	96	1.0	103	102	1.0	70 - 130	30	
1,1-Dichloroethane	ND	97	102	5.0	80	112	33.3	70 - 130	30	r
1,1-Dichloroethene	ND	112	105	6.5	83	70	17.0	70 - 130	30	
1,1-Dichloropropene	ND	95	92	3.2	59	107	57.8	70 - 130	30	m,r
1,2,3-Trichlorobenzene	ND	97	95	2.1	114	112	1.8	70 - 130	30	
1,2,3-Trichloropropane	ND	101	103	2.0	109	112	2.7	70 - 130	30	
1,2,4-Trichlorobenzene	ND	92	87	5.6	117	115	1.7	70 - 130	30	
1,2,4-Trimethylbenzene	ND	99	101	2.0	119	117	1.7	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	99	104	4.9	109	111	1.8	70 - 130	30	
1,2-Dibromoethane	ND	99	96	3.1	104	104	0.0	70 - 130	30	
1,2-Dichlorobenzene	ND	93	96	3.2	110	109	0.9	70 - 130	30	
1,2-Dichloroethane	ND	104	105	1.0	106	106	0.0	70 - 130	30	
1,2-Dichloropropane	ND	94	95	1.1	106	105	0.9	70 - 130	30	
1,3,5-Trimethylbenzene	ND	97	99	2.0	118	116	1.7	70 - 130	30	
1,3-Dichlorobenzene	ND	91	92	1.1	110	108	1.8	70 - 130	30	
1,3-Dichloropropane	ND	100	98	2.0	111	109	1.8	70 - 130	30	
1,4-Dichlorobenzene	ND	91	91	0.0	110	109	0.9	70 - 130	30	
2,2-Dichloropropane	ND	100	101	1.0	70	106	40.9	70 - 130	30	r
2-Chlorotoluene	ND	97	100	3.0	117	114	2.6	70 - 130	30	
2-Hexanone	ND	141	120	16.1	101	103	2.0	70 - 130	30	l
2-Isopropyltoluene	ND	98	99	1.0	118	115	2.6	70 - 130	30	
4-Chlorotoluene	ND	92	91	1.1	111	112	0.9	70 - 130	30	
4-Methyl-2-pentanone	ND	108	100	7.7	101	103	2.0	70 - 130	30	
Acetone	ND	>150	>150	NC	92	89	3.3	70 - 130	30	l
Acrylonitrile	ND	95	92	3.2	81	73	10.4	70 - 130	30	
Benzene	ND	90	90	0.0	105	102	2.9	70 - 130	30	
Bromobenzene	ND	95	99	4.1	112	112	0.0	70 - 130	30	
Bromochloromethane	ND	91	93	2.2	77	70	9.5	70 - 130	30	
Bromodichloromethane	ND	101	102	1.0	107	104	2.8	70 - 130	30	
Bromoform	ND	104	100	3.9	102	106	3.8	70 - 130	30	

QA/QC Data

SDG I.D.: GBF38380

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Bromomethane	ND	113	97	15.2	96	83	14.5	70 - 130	30	
Carbon Disulfide	ND	104	100	3.9	95	105	10.0	70 - 130	30	
Carbon tetrachloride	ND	100	98	2.0	103	100	3.0	70 - 130	30	
Chlorobenzene	ND	95	92	3.2	107	106	0.9	70 - 130	30	
Chloroethane	ND	120	117	2.5	102	90	12.5	70 - 130	30	
Chloroform	ND	95	98	3.1	76	105	32.0	70 - 130	30	r
Chloromethane	ND	94	87	7.7	82	70	15.8	70 - 130	30	
cis-1,2-Dichloroethene	ND	94	96	2.1	71	111	44.0	70 - 130	30	r
cis-1,3-Dichloropropene	ND	100	101	1.0	111	109	1.8	70 - 130	30	
Dibromochloromethane	ND	103	102	1.0	108	110	1.8	70 - 130	30	
Dibromomethane	ND	97	98	1.0	104	104	0.0	70 - 130	30	
Dichlorodifluoromethane	ND	102	86	17.0	85	88	3.5	70 - 130	30	
Ethylbenzene	ND	91	88	3.4	108	107	0.9	70 - 130	30	
Hexachlorobutadiene	ND	86	72	17.7	122	119	2.5	70 - 130	30	
Isopropylbenzene	ND	99	101	2.0	118	117	0.9	70 - 130	30	
m&p-Xylene	ND	93	90	3.3	109	107	1.9	70 - 130	30	
Methyl ethyl ketone	ND	143	116	20.8	72	102	34.5	70 - 130	30	l,r
Methyl t-butyl ether (MTBE)	ND	109	106	2.8	83	111	28.9	70 - 130	30	
Methylene chloride	ND	98	96	2.1	93	91	2.2	70 - 130	30	
Naphthalene	ND	104	106	1.9	109	113	3.6	70 - 130	30	
n-Butylbenzene	ND	89	81	9.4	119	116	2.6	70 - 130	30	
n-Propylbenzene	ND	92	91	1.1	114	113	0.9	70 - 130	30	
o-Xylene	ND	96	93	3.2	107	105	1.9	70 - 130	30	
p-Isopropyltoluene	ND	94	91	3.2	121	117	3.4	70 - 130	30	
sec-Butylbenzene	ND	92	91	1.1	117	116	0.9	70 - 130	30	
Styrene	ND	91	87	4.5	103	102	1.0	70 - 130	30	
tert-Butylbenzene	ND	102	103	1.0	121	119	1.7	70 - 130	30	
Tetrachloroethene	ND	90	84	6.9	107	105	1.9	70 - 130	30	
Tetrahydrofuran (THF)	ND	101	97	4.0	85	75	12.5	70 - 130	30	
Toluene	ND	90	90	0.0	104	103	1.0	70 - 130	30	
trans-1,2-Dichloroethene	ND	112	116	3.5	76	121	45.7	70 - 130	30	r
trans-1,3-Dichloropropene	ND	100	100	0.0	108	107	0.9	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	100	100	0.0	107	109	1.9	70 - 130	30	
Trichloroethene	ND	94	94	0.0	103	102	1.0	70 - 130	30	
Trichlorofluoromethane	ND	120	114	5.1	79	<40	NC	70 - 130	30	m
Trichlorotrifluoroethane	ND	105	91	14.3	103	109	5.7	70 - 130	30	
Vinyl chloride	ND	110	95	14.6	84	79	6.1	70 - 130	30	
% 1,2-dichlorobenzene-d4	102	98	102	4.0	98	97	1.0	70 - 130	30	
% Bromofluorobenzene	93	102	100	2.0	95	94	1.1	70 - 130	30	
% Dibromofluoromethane	110	97	100	3.0	103	102	1.0	70 - 130	30	
% Toluene-d8	102	99	100	1.0	98	98	0.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-200%.

QA/QC Batch 253535, QC Sample No: BF41514 (BF38391 (250X))

Volatiles - Soil

1,1,1,2-Tetrachloroethane	ND	109	106	2.8	95	95	0.0	70 - 130	30	
1,1,1-Trichloroethane	ND	106	103	2.9	97	98	1.0	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	105	100	4.9	98	97	1.0	70 - 130	30	
1,1,2-Trichloroethane	ND	110	108	1.8	92	93	1.1	70 - 130	30	
1,1-Dichloroethane	ND	105	102	2.9	95	95	0.0	70 - 130	30	
1,1-Dichloroethene	ND	105	100	4.9	95	94	1.1	70 - 130	30	
1,1-Dichloropropene	ND	106	102	3.8	101	100	1.0	70 - 130	30	

QA/QC Data

SDG I.D.: GBF38380

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,2,3-Trichlorobenzene	ND	106	101	4.8	97	98	1.0	70 - 130	30	
1,2,3-Trichloropropane	ND	105	103	1.9	91	92	1.1	70 - 130	30	
1,2,4-Trichlorobenzene	ND	103	94	9.1	98	98	0.0	70 - 130	30	
1,2,4-Trimethylbenzene	ND	111	105	5.6	83	88	5.8	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	112	105	6.5	96	97	1.0	70 - 130	30	
1,2-Dibromoethane	ND	108	105	2.8	93	91	2.2	70 - 130	30	
1,2-Dichlorobenzene	ND	107	104	2.8	96	95	1.0	70 - 130	30	
1,2-Dichloroethane	ND	105	103	1.9	92	90	2.2	70 - 130	30	
1,2-Dichloropropane	ND	105	106	0.9	95	94	1.1	70 - 130	30	
1,3,5-Trimethylbenzene	ND	110	104	5.6	101	101	0.0	70 - 130	30	
1,3-Dichlorobenzene	ND	108	103	4.7	98	97	1.0	70 - 130	30	
1,3-Dichloropropane	ND	109	104	4.7	94	94	0.0	70 - 130	30	
1,4-Dichlorobenzene	ND	106	102	3.8	95	97	2.1	70 - 130	30	
2,2-Dichloropropane	ND	105	100	4.9	97	98	1.0	70 - 130	30	
2-Chlorotoluene	ND	108	101	6.7	99	99	0.0	70 - 130	30	
2-Hexanone	ND	106	97	8.9	88	114	25.7	70 - 130	30	
2-Isopropyltoluene	ND	108	103	4.7	98	99	1.0	70 - 130	30	
4-Chlorotoluene	ND	108	101	6.7	99	99	0.0	70 - 130	30	
4-Methyl-2-pentanone	ND	106	100	5.8	88	90	2.2	70 - 130	30	
Acetone	ND	99	89	10.6	75	85	12.5	70 - 130	30	
Acrylonitrile	ND	102	97	5.0	88	87	1.1	70 - 130	30	
Benzene	ND	104	104	0.0	96	95	1.0	70 - 130	30	
Bromobenzene	ND	107	105	1.9	97	95	2.1	70 - 130	30	
Bromochloromethane	ND	104	103	1.0	94	96	2.1	70 - 130	30	
Bromodichloromethane	ND	106	105	0.9	95	93	2.1	70 - 130	30	
Bromoform	ND	110	105	4.7	94	94	0.0	70 - 130	30	
Bromomethane	ND	101	100	1.0	90	89	1.1	70 - 130	30	
Carbon Disulfide	ND	99	94	5.2	89	89	0.0	70 - 130	30	
Carbon tetrachloride	ND	107	105	1.9	99	98	1.0	70 - 130	30	
Chlorobenzene	ND	107	104	2.8	95	96	1.0	70 - 130	30	
Chloroethane	ND	106	102	3.8	57	70	20.5	70 - 130	30	m
Chloroform	ND	104	103	1.0	94	94	0.0	70 - 130	30	
Chloromethane	ND	105	102	2.9	87	86	1.2	70 - 130	30	
cis-1,2-Dichloroethene	ND	108	105	2.8	94	95	1.1	70 - 130	30	
cis-1,3-Dichloropropene	ND	105	105	0.0	97	95	2.1	70 - 130	30	
Dibromochloromethane	ND	109	105	3.7	95	95	0.0	70 - 130	30	
Dibromomethane	ND	105	105	0.0	93	93	0.0	70 - 130	30	
Dichlorodifluoromethane	ND	118	113	4.3	84	83	1.2	70 - 130	30	
Ethylbenzene	ND	106	103	2.9	99	99	0.0	70 - 130	30	
Hexachlorobutadiene	ND	107	86	21.8	103	105	1.9	70 - 130	30	
Isopropylbenzene	ND	114	110	3.6	103	103	0.0	70 - 130	30	
m&p-Xylene	ND	108	102	5.7	91	92	1.1	70 - 130	30	
Methyl ethyl ketone	ND	92	87	5.6	94	118	22.6	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	100	98	2.0	90	89	1.1	70 - 130	30	
Methylene chloride	ND	115	104	10.0	92	90	2.2	70 - 130	30	
Naphthalene	ND	115	113	1.8	90	92	2.2	70 - 130	30	
n-Butylbenzene	ND	111	93	17.6	103	105	1.9	70 - 130	30	
n-Propylbenzene	ND	111	104	6.5	101	103	2.0	70 - 130	30	
o-Xylene	ND	110	106	3.7	97	97	0.0	70 - 130	30	
p-Isopropyltoluene	ND	111	99	11.4	103	105	1.9	70 - 130	30	
sec-Butylbenzene	ND	111	103	7.5	102	104	1.9	70 - 130	30	
Styrene	ND	105	101	3.9	95	95	0.0	70 - 130	30	
tert-Butylbenzene	ND	114	111	2.7	103	104	1.0	70 - 130	30	

QA/QC Data

SDG I.D.: GBF38380

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Tetrachloroethene	ND	109	97	11.7	99	100	1.0	70 - 130	30
Tetrahydrofuran (THF)	ND	105	95	10.0	99	124	22.4	70 - 130	30
Toluene	ND	106	103	2.9	97	96	1.0	70 - 130	30
trans-1,2-Dichloroethene	ND	107	106	0.9	102	102	0.0	70 - 130	30
trans-1,3-Dichloropropene	ND	106	104	1.9	96	95	1.0	70 - 130	30
trans-1,4-dichloro-2-butene	ND	111	106	4.6	95	96	1.0	70 - 130	30
Trichloroethene	ND	108	107	0.9	95	95	0.0	70 - 130	30
Trichlorofluoromethane	ND	108	101	6.7	93	93	0.0	70 - 130	30
Trichlorotrifluoroethane	ND	107	99	7.8	96	95	1.0	70 - 130	30
Vinyl chloride	ND	114	109	4.5	92	91	1.1	70 - 130	30
% 1,2-dichlorobenzene-d4	99	99	98	1.0	100	99	1.0	70 - 130	30
% Bromofluorobenzene	95	99	99	0.0	99	100	1.0	70 - 130	30
% Dibromofluoromethane	100	98	97	1.0	97	100	3.0	70 - 130	30
% Toluene-d8	99	98	99	1.0	99	99	0.0	70 - 130	30

Comment:

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-200%.

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

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

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

Phyllis Shiller, Laboratory Director
September 24, 2013

Sample Criteria Exceedences Report

GBF38380 - EBC

Requested Criteria: 375, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BF38380	$PCB_SMR	PCB-1016	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	370	100	100	ug/Kg
BF38380	$PCB_SMR	PCB-1221	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	370	100	100	ug/Kg
BF38380	$PCB_SMR	PCB-1232	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	370	100	100	ug/Kg
BF38380	$PCB_SMR	PCB-1242	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	370	100	100	ug/Kg
BF38380	$PCB_SMR	PCB-1248	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	370	100	100	ug/Kg
BF38380	$PCB_SMR	PCB-1254	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	370	100	100	ug/Kg
BF38380	$PCB_SMR	PCB-1260	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	370	100	100	ug/Kg
BF38381	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	15.4	0.36	1	1	mg/Kg
BF38381	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.59	0.09	0.18	0.18	mg/Kg
BF38381	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	130	0.36	63	63	mg/Kg
BF38382	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	14.5	0.36	1	1	mg/Kg
BF38382	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.28	0.07	0.18	0.18	mg/Kg
BF38382	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	278	3.6	63	63	mg/Kg
BF38385	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	17.3	0.36	1	1	mg/Kg
BF38385	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.35	0.07	0.18	0.18	mg/Kg
BF38385	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	92.0	0.36	63	63	mg/Kg
BF38388	$8260SMR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	280	210	210	ug/Kg
BF38388	$8260SMR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	20	20	ug/Kg
BF38388	$8260SMR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1400	50	50	ug/Kg
BF38388	$8260SMR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	50	50	ug/Kg
BF38388	$8260SMR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	190	190	ug/Kg
BF38388	$8260SMR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	270	270	ug/Kg
BF38388	$8260SMR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	250	250	ug/Kg
BF38388	$8260SMR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1400	120	120	ug/Kg
BF38388	$8260SMR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	60	60	ug/Kg
BF38388	$8260SMR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	20	20	ug/Kg
BF38388	$8260SMR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	11000	1100	3600	3600	ug/Kg
BF38388	$8260SMR	Total Xylenes	NY / 375-6.8 Volatiles / Unrestricted Use Soil	840	280	260	260	ug/Kg
BF38390	$8260SMR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	74	26	50	50	ug/Kg
BF38391	$8260SMR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	1500	210	210	ug/Kg
BF38391	$8260SMR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential Restricted	ND	1500	900	900	ug/Kg
BF38391	$8260SMR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1500	20	20	ug/Kg
BF38391	$8260SMR	1,1-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1500	330	330	ug/Kg
BF38391	$8260SMR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	7400	50	50	ug/Kg
BF38391	$8260SMR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1500	50	50	ug/Kg
BF38391	$8260SMR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1500	190	190	ug/Kg
BF38391	$8260SMR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1500	270	270	ug/Kg

Sample Criteria Exceedences Report

GBF38380 - EBC

Requested Criteria: 375, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BF38391	$8260SMR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1500	250	250	ug/Kg
BF38391	$8260SMR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	7400	120	120	ug/Kg
BF38391	$8260SMR	Chloroform	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1500	370	370	ug/Kg
BF38391	$8260SMR	1,1,1-Trichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1500	680	680	ug/Kg
BF38391	$8260SMR	Methyl t-butyl ether (MTBE)	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	3000	930	930	ug/Kg
BF38391	$8260SMR	Carbon tetrachloride	NY / 375-6.8 Volatiles / Residential	ND	1500	1400	1400	ug/Kg
BF38391	$8260SMR	Carbon tetrachloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1500	760	760	ug/Kg
BF38391	$8260SMR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1500	60	60	ug/Kg
BF38391	$8260SMR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1500	20	20	ug/Kg
BF38391	$8260SMR	Trichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1500	470	470	ug/Kg
BF38391	$8260SMR	Toluene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1500	700	700	ug/Kg
BF38391	$8260SMR	Tetrachloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1500	1300	1300	ug/Kg
BF38391	$8260SMR	Chlorobenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1500	1100	1100	ug/Kg
BF38391	$8260SMR	Ethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	5400	1500	1000	1000	ug/Kg
BF38391	$8260SMR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	20000	1500	3600	3600	ug/Kg
BF38391	$8260SMR	1,2-Dichlorobenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1500	1100	1100	ug/Kg
BF38391	$8260SMR	Total Xylenes	NY / 375-6.8 Volatiles / Unrestricted Use Soil	20600	1500	260	260	ug/Kg
BF38393	$8260SMR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	65	27	50	50	ug/Kg
BF38394	$8260SMR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	120	27	50	50	ug/Kg
BF38395	$8260SMR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	64	26	50	50	ug/Kg

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

September 24, 2013

SDG I.D.: GBF38380

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

Temp 4°C Page 1 of 2

PHOENIX *Environmental Laboratories, Inc.*

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

Data Delivery:
☐ Fax #:
☑ Email:

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

Project: 1003 Greene Ave
Report to: EBC
Invoice to: EBC

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

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 9-11-13

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	TAL Metals	Pest/PCB 8081/8082	VOCs 8260	SVOCs 8270	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H2O	GL Soil container (2) oz	GL Soil container (8) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] As is [ ] H2SO4	PL H2SO4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
38380	B1 (0-2)	S	9-11-13		X	X					1							
38381	B2 (0-2)						X	X		1								
38382	B3 (0-2)																	
38383	B4 (0-2)																	
38384	B5 (0-2)																	
38385	B6 (0-2)																	
38386	B7 (0-2)																	
38387	B1 (18-20)						X	X		1								
38388	B2 (15-20)																	
38389	B2 (23-25)																	
38390	B3 (28-30)																	
38391	B4 (11-15)																	

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	9-12-13	11:00
[signature]	[signature]	9-12-13	15:57

Comments, Special Requirements or Regulations:
Hold samples. Call office (631) 504 6000 and confirm with Charlie Sosik.
Called & left message for Charlie 9/12/13 (LB)

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

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

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

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

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

State where samples were collected: NY

NY/NJ CHAIN OF CUSTODY RECORD

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 #:
- [x] Email:

Customer: EBC
Address:

Project: 1003 Greene Avenue
Report to:
Invoice to:

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

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 9-11-13

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

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260	SVOCs 8270	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H2O	GL Soil container (2) oz	GL Soil container (8) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
38392	B4 (18-20)	S	9-11-13		x	x		1	1							
38393	B5 (13-15)	|	|		|	|		|	|							
38394	B6 (18-20)	|	|		|	|		|	|							
38395	B7 (18-20)	|	|		|	|		|	|							

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	9-12-13	11:00
[signature]	[signature]	9-12-13	15:57

Comments, Special Requirements or Regulations:
Hold samples.

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

* SURCHARGE APPLIES

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

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

Data Format
- [ ] Phoenix Std Report
- [x] Excel
- [x] PDF
- [ ] GIS/Key
- [ ] 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

GBF 38380

Shannon - Phoenixlabs

From: Linda - Phoenixlabs [linda@phoenixlabs.com]
Sent: Tuesday, September 7, 20 3 03:34 PM
To: 'Shannon - Phoenixlabs'
Subject: FW: 0 03 Greene avenue
Importance: High
Attachments: photo.JPG

SHannon
Can you add on for me GBF38380 is the group #
thanks
Linda

From: Dominick Mosca [mailto:dmosca@ebcincny.com]
Sent: Tuesday, September 17, 2013 3:29 PM
To: Linda - Phoenixlabs
Subject: Fwd: 1003 Greene avenue

Revised Chain of Custody for 1003 Greene Avenue attached. Call if you have any quesitons.
Thanks,

Dominick Mosca
Environmental Scientist
EBC
Environmental Business Consultants
Ph: 631.504.6000 ext. 114
Fax: 631.924.2870
Cell: 631.786.7775
dmosca@ebcincny.com

PHOENIX Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

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

Temp: Pg 1 of 1

Data Delivery: ☐ Fax #: ☑ Email:

Customer: EBC
Address:

Project: 1003 Greene Avenue
Report to:
Invoice to:

Project P.O:
Phone #:
Fax #:

Client Sample - Information - Identification
Sampler's Signature: Date: 9/11/13

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	TAL Metals	PCB	VOCs 8260	SVOCs 8270 STARS
38380	B1 (0-2)	S	9/11/13			X		
38381	B2 (0-2)				X			
38382	B5 (0-2)				X			
38385	B6 (0-2)				X			
38387	B1 (18-20)						X	X
38388	* B2 (10-15)							
38390	B3 (28-30)							
38391	B4 (11-15)							
38393	B5 (13-15)							
38394	B6 (18-20)							
38395	B7 (18-20)							

Relinquished by:	Accepted by:	Date:	Time:

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

Comments, Special Requirements or Regulations:
* Sample ID formerly B2 (15-20), needs to be changed to B2 (10-15).

State where samples were collected: NY

PHOENIX
Environmental Laboratories, Inc.

Tuesday, October 22, 2013

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

Project ID: 1003 GREENE AVE BROOKLYN NY
Sample ID#s: BF64611 - BF64612

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

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

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

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

Sincerely yours,

Phyllis Shiller

Laboratory Director

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

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

October 22, 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:		10/16/13	9:30
Location Code:	EBC	Received by:	SW	10/16/13	16:02
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF64611
Phoenix ID: BF64611

Project ID: 1003 GREENE AVE BROOKLYN NY
Client ID: MW-1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Semi-Volatile Extraction	Completed			10/16/13	E/D	SW3520
Volatiles						
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	10/16/13	KCA	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	10/16/13	KCA	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	10/16/13	KCA	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	10/16/13	KCA	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	10/16/13	KCA	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	10/16/13	KCA	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	10/16/13	KCA	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	10/16/13	KCA	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	10/16/13	KCA	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	10/16/13	KCA	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	10/16/13	KCA	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	10/16/13	KCA	SW8260
1,2-Dibromoethane	ND	1.0	ug/L	10/16/13	KCA	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	10/16/13	KCA	SW8260
1,2-Dichloroethane	ND	0.60	ug/L	10/16/13	KCA	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	10/16/13	KCA	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	10/16/13	KCA	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	10/16/13	KCA	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	10/16/13	KCA	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	10/16/13	KCA	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	10/16/13	KCA	SW8260
2-Chlorotoluene	ND	1.0	ug/L	10/16/13	KCA	SW8260
2-Hexanone	ND	5.0	ug/L	10/16/13	KCA	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	10/16/13	KCA	SW8260 1
4-Chlorotoluene	ND	1.0	ug/L	10/16/13	KCA	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	10/16/13	KCA	SW8260

Project ID: 1003 GREENE AVE BROOKLYN NY
Client ID: MW-1

Phoenix I.D.: BF64611

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Acetone	ND	25	ug/L	10/16/13	KCA	SW8260	
Acrylonitrile	ND	5.0	ug/L	10/16/13	KCA	SW8260	
Benzene	ND	0.70	ug/L	10/16/13	KCA	SW8260	
Bromobenzene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
Bromochloromethane	ND	1.0	ug/L	10/16/13	KCA	SW8260	
Bromodichloromethane	ND	0.50	ug/L	10/16/13	KCA	SW8260	
Bromoform	ND	1.0	ug/L	10/16/13	KCA	SW8260	
Bromomethane	ND	1.0	ug/L	10/16/13	KCA	SW8260	
Carbon Disulfide	ND	5.0	ug/L	10/16/13	KCA	SW8260	
Carbon tetrachloride	ND	1.0	ug/L	10/16/13	KCA	SW8260	
Chlorobenzene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
Chloroethane	ND	1.0	ug/L	10/16/13	KCA	SW8260	
Chloroform	4.2	1.0	ug/L	10/16/13	KCA	SW8260	
Chloromethane	ND	1.0	ug/L	10/16/13	KCA	SW8260	
cis-1,2-Dichloroethene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
cis-1,3-Dichloropropene	ND	0.40	ug/L	10/16/13	KCA	SW8260	
Dibromochloromethane	ND	0.50	ug/L	10/16/13	KCA	SW8260	
Dibromomethane	ND	1.0	ug/L	10/16/13	KCA	SW8260	
Dichlorodifluoromethane	ND	1.0	ug/L	10/16/13	KCA	SW8260	
Ethylbenzene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
Hexachlorobutadiene	ND	0.40	ug/L	10/16/13	KCA	SW8260	
Isopropylbenzene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
m&p-Xylene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
Methyl ethyl ketone	ND	5.0	ug/L	10/16/13	KCA	SW8260	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	10/16/13	KCA	SW8260	
Methylene chloride	ND	1.0	ug/L	10/16/13	KCA	SW8260	
Naphthalene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
n-Butylbenzene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
n-Propylbenzene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
o-Xylene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
p-Isopropyltoluene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
sec-Butylbenzene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
Styrene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
tert-Butylbenzene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
Tetrachloroethene	1.7	1.0	ug/L	10/16/13	KCA	SW8260	
Tetrahydrofuran (THF)	ND	2.5	ug/L	10/16/13	KCA	SW8260	1
Toluene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
Total Xylenes	ND	1	ug/L	10/16/13	KCA	SW8260	
trans-1,2-Dichloroethene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
trans-1,3-Dichloropropene	ND	0.40	ug/L	10/16/13	KCA	SW8260	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	10/16/13	KCA	SW8260	
Trichloroethene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
Trichlorofluoromethane	ND	1.0	ug/L	10/16/13	KCA	SW8260	
Trichlorotrifluoroethane	ND	1.0	ug/L	10/16/13	KCA	SW8260	
Vinyl chloride	ND	1.0	ug/L	10/16/13	KCA	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	10/16/13	KCA	70 - 130 %	
% Bromofluorobenzene	96		%	10/16/13	KCA	70 - 130 %	
% Dibromofluoromethane	96		%	10/16/13	KCA	70 - 130 %	
% Toluene-d8	99		%	10/16/13	KCA	70 - 130 %	

Project ID: 1003 GREENE AVE BROOKLYN NY
Client ID: MW-1

Phoenix I.D.: BF64611

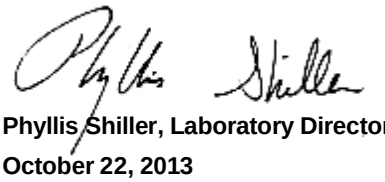
Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Semivolatiles by SIM						
2-Methylnaphthalene	ND	0.10	ug/L	10/18/13	DD	8270(SIM)
Acenaphthene	ND	0.10	ug/L	10/18/13	DD	8270(SIM)
Acenaphthylene	ND	0.10	ug/L	10/18/13	DD	8270(SIM)
Anthracene	ND	0.10	ug/L	10/18/13	DD	8270(SIM)
Benz(a)anthracene	0.02	0.020	ug/L	10/18/13	DD	8270(SIM)
Benzo(a)pyrene	ND	0.020	ug/L	10/18/13	DD	8270(SIM)
Benzo(b)fluoranthene	ND	0.020	ug/L	10/18/13	DD	8270(SIM)
Benzo(ghi)perylene	ND	0.10	ug/L	10/18/13	DD	8270(SIM)
Benzo(k)fluoranthene	ND	0.020	ug/L	10/18/13	DD	8270(SIM)
Chrysene	ND	0.020	ug/L	10/18/13	DD	8270(SIM)
Dibenz(a,h)anthracene	ND	0.010	ug/L	10/18/13	DD	8270(SIM)
Fluoranthene	ND	0.10	ug/L	10/18/13	DD	8270(SIM)
Fluorene	ND	0.10	ug/L	10/18/13	DD	8270(SIM)
Indeno(1,2,3-cd)pyrene	ND	0.020	ug/L	10/18/13	DD	8270(SIM)
Naphthalene	ND	0.10	ug/L	10/18/13	DD	8270(SIM)
Phenanthrene	ND	0.070	ug/L	10/18/13	DD	8270(SIM)
Pyrene	ND	0.10	ug/L	10/18/13	DD	8270(SIM)
QA/QC Surrogates						
% 2-Fluorobiphenyl	94		%	10/18/13	DD	30 - 130 %
% Nitrobenzene-d5	117		%	10/18/13	DD	30 - 130 %
% Terphenyl-d14	117		%	10/18/13	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.
This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director
October 22, 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

October 22, 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:		10/16/13	0:00
Location Code:	EBC	Received by:	SW	10/16/13	16:02
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF64611
Phoenix ID: BF64612

Project ID: 1003 GREENE AVE BROOKLYN NY
Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	10/16/13	KCA	SW8260	
1,1,1-Trichloroethane	ND	1.0	ug/L	10/16/13	KCA	SW8260	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	10/16/13	KCA	SW8260	
1,1,2-Trichloroethane	ND	1.0	ug/L	10/16/13	KCA	SW8260	
1,1-Dichloroethane	ND	1.0	ug/L	10/16/13	KCA	SW8260	
1,1-Dichloroethene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
1,1-Dichloropropene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
1,2,3-Trichloropropane	ND	1.0	ug/L	10/16/13	KCA	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	10/16/13	KCA	SW8260	
1,2-Dibromoethane	ND	1.0	ug/L	10/16/13	KCA	SW8260	
1,2-Dichlorobenzene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
1,2-Dichloroethane	ND	0.60	ug/L	10/16/13	KCA	SW8260	
1,2-Dichloropropane	ND	1.0	ug/L	10/16/13	KCA	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
1,3-Dichlorobenzene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
1,3-Dichloropropane	ND	1.0	ug/L	10/16/13	KCA	SW8260	
1,4-Dichlorobenzene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
2,2-Dichloropropane	ND	1.0	ug/L	10/16/13	KCA	SW8260	
2-Chlorotoluene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
2-Hexanone	ND	5.0	ug/L	10/16/13	KCA	SW8260	
2-Isopropyltoluene	ND	1.0	ug/L	10/16/13	KCA	SW8260	1
4-Chlorotoluene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
4-Methyl-2-pentanone	ND	5.0	ug/L	10/16/13	KCA	SW8260	
Acetone	ND	25	ug/L	10/16/13	KCA	SW8260	

Project ID: 1003 GREENE AVE BROOKLYN NY
Client ID: TRIP BLANK

Phoenix I.D.: BF64612

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Acrylonitrile	ND	5.0	ug/L	10/16/13	KCA	SW8260	
Benzene	ND	0.70	ug/L	10/16/13	KCA	SW8260	
Bromobenzene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
Bromochloromethane	ND	1.0	ug/L	10/16/13	KCA	SW8260	
Bromodichloromethane	ND	0.50	ug/L	10/16/13	KCA	SW8260	
Bromoform	ND	1.0	ug/L	10/16/13	KCA	SW8260	
Bromomethane	ND	1.0	ug/L	10/16/13	KCA	SW8260	
Carbon Disulfide	ND	5.0	ug/L	10/16/13	KCA	SW8260	
Carbon tetrachloride	ND	1.0	ug/L	10/16/13	KCA	SW8260	
Chlorobenzene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
Chloroethane	ND	1.0	ug/L	10/16/13	KCA	SW8260	
Chloroform	ND	1.0	ug/L	10/16/13	KCA	SW8260	
Chloromethane	ND	1.0	ug/L	10/16/13	KCA	SW8260	
cis-1,2-Dichloroethene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
cis-1,3-Dichloropropene	ND	0.40	ug/L	10/16/13	KCA	SW8260	
Dibromochloromethane	ND	0.50	ug/L	10/16/13	KCA	SW8260	
Dibromomethane	ND	1.0	ug/L	10/16/13	KCA	SW8260	
Dichlorodifluoromethane	ND	1.0	ug/L	10/16/13	KCA	SW8260	
Ethylbenzene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
Hexachlorobutadiene	ND	0.40	ug/L	10/16/13	KCA	SW8260	
Isopropylbenzene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
m&p-Xylene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
Methyl ethyl ketone	ND	5.0	ug/L	10/16/13	KCA	SW8260	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	10/16/13	KCA	SW8260	
Methylene chloride	ND	1.0	ug/L	10/16/13	KCA	SW8260	
Naphthalene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
n-Butylbenzene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
n-Propylbenzene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
o-Xylene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
p-Isopropyltoluene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
sec-Butylbenzene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
Styrene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
tert-Butylbenzene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
Tetrachloroethene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
Tetrahydrofuran (THF)	ND	2.5	ug/L	10/16/13	KCA	SW8260	1
Toluene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
Total Xylenes	ND	1	ug/L	10/16/13	KCA	SW8260	
trans-1,2-Dichloroethene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
trans-1,3-Dichloropropene	ND	0.40	ug/L	10/16/13	KCA	SW8260	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	10/16/13	KCA	SW8260	
Trichloroethene	ND	1.0	ug/L	10/16/13	KCA	SW8260	
Trichlorofluoromethane	ND	1.0	ug/L	10/16/13	KCA	SW8260	
Trichlorotrifluoroethane	ND	1.0	ug/L	10/16/13	KCA	SW8260	
Vinyl chloride	ND	1.0	ug/L	10/16/13	KCA	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	10/16/13	KCA	70 - 130 %	
% Bromofluorobenzene	96		%	10/16/13	KCA	70 - 130 %	
% Dibromofluoromethane	96		%	10/16/13	KCA	70 - 130 %	
% Toluene-d8	100		%	10/16/13	KCA	70 - 130 %	

Project ID: 1003 GREENE AVE BROOKLYN NY
Phoenix I.D.: BF64612

Client ID: TRIP BLANK

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:

TRIP BLANK INCLUDED.

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
October 22, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
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NY # 11301

QA/QC Report

October 22, 2013

QA/QC Data

SDG I.D.: GBF64611

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 257280, QC Sample No: BF64612 (BF64611, BF64612)									
Volatiles - Ground Water									
1,1,1,2-Tetrachloroethane	ND	106	114	7.3	112	111	0.9	70 - 130	30
1,1,1-Trichloroethane	ND	95	102	7.1	109	105	3.7	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	101	104	2.9	111	109	1.8	70 - 130	30
1,1,2-Trichloroethane	ND	106	112	5.5	111	111	0.0	70 - 130	30
1,1-Dichloroethane	ND	96	103	7.0	107	103	3.8	70 - 130	30
1,1-Dichloroethene	ND	93	101	8.2	106	103	2.9	70 - 130	30
1,1-Dichloropropene	ND	97	102	5.0	110	105	4.7	70 - 130	30
1,2,3-Trichlorobenzene	ND	113	123	8.5	114	123	7.6	70 - 130	30
1,2,3-Trichloropropane	ND	99	103	4.0	107	105	1.9	70 - 130	30
1,2,4-Trichlorobenzene	ND	113	116	2.6	117	121	3.4	70 - 130	30
1,2,4-Trimethylbenzene	ND	104	110	5.6	112	106	5.5	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	110	102	7.5	112	112	0.0	70 - 130	30
1,2-Dibromoethane	ND	105	109	3.7	110	113	2.7	70 - 130	30
1,2-Dichlorobenzene	ND	103	107	3.8	110	105	4.7	70 - 130	30
1,2-Dichloroethane	ND	101	102	1.0	105	105	0.0	70 - 130	30
1,2-Dichloropropane	ND	100	105	4.9	107	104	2.8	70 - 130	30
1,3,5-Trimethylbenzene	ND	103	108	4.7	111	104	6.5	70 - 130	30
1,3-Dichlorobenzene	ND	104	108	3.8	109	104	4.7	70 - 130	30
1,3-Dichloropropane	ND	103	106	2.9	108	107	0.9	70 - 130	30
1,4-Dichlorobenzene	ND	102	105	2.9	107	104	2.8	70 - 130	30
2,2-Dichloropropane	ND	80	84	4.9	101	97	4.0	70 - 130	30
2-Chlorotoluene	ND	105	110	4.7	110	103	6.6	70 - 130	30
2-Hexanone	ND	110	108	1.8	114	118	3.4	70 - 130	30
2-Isopropyltoluene	ND	103	110	6.6	111	105	5.6	70 - 130	30
4-Chlorotoluene	ND	103	107	3.8	110	105	4.7	70 - 130	30
4-Methyl-2-pentanone	ND	101	105	3.9	109	112	2.7	70 - 130	30
Acetone	ND	90	85	5.7	112	107	4.6	70 - 130	30
Acrylonitrile	ND	105	110	4.7	112	114	1.8	70 - 130	30
Benzene	ND	98	104	5.9	107	103	3.8	70 - 130	30
Bromobenzene	ND	103	105	1.9	108	104	3.8	70 - 130	30
Bromochloromethane	ND	98	105	6.9	114	110	3.6	70 - 130	30
Bromodichloromethane	ND	103	107	3.8	112	110	1.8	70 - 130	30
Bromoform	ND	104	110	5.6	112	113	0.9	70 - 130	30
Bromomethane	ND	98	103	5.0	97	102	5.0	70 - 130	30
Carbon Disulfide	ND	91	98	7.4	102	101	1.0	70 - 130	30
Carbon tetrachloride	ND	100	105	4.9	112	110	1.8	70 - 130	30
Chlorobenzene	ND	101	105	3.9	107	106	0.9	70 - 130	30
Chloroethane	ND	102	107	4.8	108	107	0.9	70 - 130	30
Chloroform	ND	97	102	5.0	108	105	2.8	70 - 130	30
Chloromethane	ND	98	114	15.1	103	100	3.0	70 - 130	30
cis-1,2-Dichloroethene	ND	101	105	3.9	109	104	4.7	70 - 130	30

QA/QC Data

SDG I.D.: GBF64611

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
cis-1,3-Dichloropropene	ND	101	107	5.8	110	108	1.8	70 - 130	30	
Dibromochloromethane	ND	108	113	4.5	114	117	2.6	70 - 130	30	
Dibromomethane	ND	104	109	4.7	113	112	0.9	70 - 130	30	
Dichlorodifluoromethane	ND	109	114	4.5	111	108	2.7	70 - 130	30	
Ethylbenzene	ND	99	105	5.9	109	107	1.9	70 - 130	30	
Hexachlorobutadiene	ND	99	112	12.3	103	105	1.9	70 - 130	30	
Isopropylbenzene	ND	105	110	4.7	110	103	6.6	70 - 130	30	
m&p-Xylene	ND	98	105	6.9	106	105	0.9	70 - 130	30	
Methyl ethyl ketone	ND	83	89	7.0	106	110	3.7	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	99	98	1.0	138	139	0.7	70 - 130	30	m
Methylene chloride	ND	92	97	5.3	103	102	1.0	70 - 130	30	
Naphthalene	ND	117	130	10.5	121	127	4.8	70 - 130	30	
n-Butylbenzene	ND	99	108	8.7	110	104	5.6	70 - 130	30	
n-Propylbenzene	ND	105	109	3.7	111	105	5.6	70 - 130	30	
o-Xylene	ND	98	104	5.9	109	106	2.8	70 - 130	30	
p-Isopropyltoluene	ND	102	109	6.6	114	106	7.3	70 - 130	30	
sec-Butylbenzene	ND	96	103	7.0	111	103	7.5	70 - 130	30	
Styrene	ND	99	103	4.0	113	111	1.8	70 - 130	30	
tert-Butylbenzene	ND	104	111	6.5	110	104	5.6	70 - 130	30	
Tetrachloroethene	ND	96	103	7.0	106	105	0.9	70 - 130	30	
Tetrahydrofuran (THF)	ND	100	105	4.9	108	110	1.8	70 - 130	30	
Toluene	ND	98	103	5.0	106	103	2.9	70 - 130	30	
trans-1,2-Dichloroethene	ND	97	100	3.0	106	103	2.9	70 - 130	30	
trans-1,3-Dichloropropene	ND	102	105	2.9	112	113	0.9	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	111	110	0.9	115	114	0.9	70 - 130	30	
Trichloroethene	ND	102	108	5.7	109	104	4.7	70 - 130	30	
Trichlorofluoromethane	ND	95	100	5.1	107	108	0.9	70 - 130	30	
Trichlorotrifluoroethane	ND	92	97	5.3	109	105	3.7	70 - 130	30	
Vinyl chloride	ND	107	114	6.3	105	102	2.9	70 - 130	30	
% 1,2-dichlorobenzene-d4	102	100	100	0.0	101	100	1.0	70 - 130	30	
% Bromofluorobenzene	95	99	101	2.0	102	103	1.0	70 - 130	30	
% Dibromofluoromethane	97	100	101	1.0	106	103	2.9	70 - 130	30	
% Toluene-d8	100	99	100	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 40-200%.

QA/QC Batch 257211, QC Sample No: BF64624 (BF64611)

Semivolatiles - Ground Water

2-Methylnaphthalene	ND	84	84	0.0				30 - 130	20	
Acenaphthene	ND	88	90	2.2				30 - 130	20	
Acenaphthylene	ND	85	86	1.2				30 - 130	20	
Anthracene	ND	88	90	2.2				30 - 130	20	
Benz(a)anthracene	ND	86	86	0.0				30 - 130	20	
Benzo(a)pyrene	ND	86	86	0.0				30 - 130	20	
Benzo(b)fluoranthene	ND	99	95	4.1				30 - 130	20	
Benzo(ghi)perylene	ND	79	78	1.3				30 - 130	20	
Benzo(k)fluoranthene	ND	91	97	6.4				30 - 130	20	
Chrysene	ND	91	91	0.0				30 - 130	20	
Dibenz(a,h)anthracene	ND	84	82	2.4				30 - 130	20	
Fluoranthene	ND	86	94	8.9				30 - 130	20	
Fluorene	ND	84	86	2.4				30 - 130	20	
Indeno(1,2,3-cd)pyrene	ND	83	81	2.4				30 - 130	20	
Naphthalene	ND	85	86	1.2				30 - 130	20	

QA/QC Data

SDG I.D.: GBF64611

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Phenanthrene	ND	90	91	1.1				30 - 130	20
Pyrene	ND	86	95	9.9				30 - 130	20
% 2-Fluorobiphenyl	89	83	82	1.2				30 - 130	20
% Nitrobenzene-d5	106	81	81	0.0				30 - 130	20
% Terphenyl-d14	90	88	99	11.8				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%)

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
October 22, 2013

Sample Criteria Exceedences Report

GBF64611 - EBC

Requested Criteria: GW

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BF64611	$8100SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.02	0.020	0.002	0.002	ug/L
BF64611	$8100SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.02	0.020	0.002	0.002	ug/L
BF64611	$8100SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.020	0.002	0.002	ug/L
BF64611	$8100SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.020	0.002	0.002	ug/L
BF64611	$8100SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.020	0.002	0.002	ug/L
BF64611	$8100SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.020	0.002	0.002	ug/L
BF64611	$8100SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.020	0.002	0.002	ug/L
BF64611	$8100SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.020	0.002	0.002	ug/L
BF64611	$8100SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.020	0.002	0.002	ug/L
BF64611	$8100SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.020	0.002	0.002	ug/L
BF64611	$8100SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.020	0.002	0.002	ug/L
BF64611	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BF64611	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BF64611	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BF64612	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BF64612	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BF64612	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L

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

NY Temperature Narration

October 22, 2013

SDG I.D.: GBF64611

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

Temp [illegible] 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: csosikeebcincny.com

Customer: EBC
Address: Ridge NY

Project: 1003 greene ave Brooklyn NY
Report to:
Invoice to:

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

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 10.16.13

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	VOC 8260	SVOC CP-51 1,4-D	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	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
641611	MW-1	GW	10/16	930	X	X				3	1					
641612	trip blank				X					2						

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	10-16-13	2305
		10-16-13	1602

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