



GEOPHYSICAL INVESTIGATION REPORT

SITE LOCATION:

**71 New Street
Huntington, New York**

PREPARED FOR:

**GEI Consultants, Inc.

110 Walt Whitman Road, Suite 204
Huntington Station, New York 11746**

PREPARED BY:

Alex Craig
Delta Geophysics Inc.
738 Front Street
Catasauqua, PA18032

February 20, 2017

Delta Geophysics, Inc. (Delta) is pleased to provide the results of the geophysical survey conducted at 71 New Street, Huntington, New York.

1.0 INTRODUCTION

On February 16th, 2017 Delta Geophysics personnel performed a limited geophysical investigation at 71 New Street, Huntington, New York. The survey will take place at the property currently occupied by Juris Publishing. The site will be surveyed for any potential underground storage tanks (USTs), leaching pools, roof drains, and interconnecting piping. During the time of the survey, subsurface conditions were unknown; surface conditions consisted of asphalt, snow, grass and asphalt.

2.0 SCOPE OF WORK

The objective of this survey was to investigate the subsurface for anomalies consistent USTs, leaching pools, roof drains, and interconnecting piping. A secondary objective was to trace a potential floor drain in the basement of the building.. All features will be marked and conveyed to the on-site representative.

3.0 METHODOLOGY

Selection of survey equipment is dependent site conditions and project objectives. For this project the technician utilized the following equipment to survey the area of concern:

- Geophysical Survey Systems Inc. SIR-3000 cart-mounted Ground Penetrating Radar (GPR) unit with a 400 Mhz antenna.
- Radiodetection RD7000 precision utility locator.
- Fisher M-Scope TW-6 pipe and cable locator.

Ground penetrating radar (commonly called GPR) is a geophysical method that has been developed over the past thirty years for shallow, high-resolution, subsurface investigations of the earth. GPR uses high frequency pulsed electromagnetic waves (generally 10 MHz to 1,000 MHz) to acquire subsurface information. Energy is propagated downward into the ground and is reflected back to the surface from boundaries at which there are electrical property contrasts. GPR is a method that is commonly used for environmental, engineering, archeological, and other shallow investigations.

The GSSI SIR-3000 GPR can accept a wide variety of antennas which provide various depths of penetration and levels of resolution. The 400 MHz antenna can achieve depths of penetration up to about 20 feet, but this depth may be greatly reduced due to site-specific conditions. Signal penetration decreases with increased soil conductivity. Conductive materials attenuate or absorb the GPR signal. As depth increases the return signal becomes weaker. Penetration is the greatest in unsaturated sands and fine gravels. Clayey, highly saline or saturated soils, areas covered by steel reinforced concrete, foundry slag, of other highly conductive materials significantly reduces GPR depth of penetration.

The 400MHz antenna was configured to transmit to a depth of approximately 10 feet below the subsurface, but actual signal penetration was limited to approximately 1-3 feet below ground surface (bgs). The limiting factor was signal attenuation from near surface soils.

The RD7000 precision utility locator uses radio emission to trace the location of metal bearing utilities. This radio emission can be active or passive. Active tracing requires the attachment of a radio transmitter to the utility, passive tracing uses radio emissions that are present on the utility. Underground electrical utilities typically emit radio signals that this device can detect.

The TW-6 is designed to find pipes, cables and other metallic objects such as underground storage tanks. One surveyor can carry both the transmitter and receiver together, making it ideally suited for exploration type searches of ferrous metal masses. Metal detectors of this type operate by generating a magnetic field at the transmitter which causes metallic objects in the subsurface to generate a secondary magnetic field. The induced secondary field is detected by the receiver, which generates an audible tone equal to the strength of the secondary field.

4.0 SURVEY FINDINGS

All accessible areas within the survey property were examined during this survey. The area was surveyed with the TW-6 and GPR for potential anomalous features, and then surveyed with the RD7000 for any potential subsurface anomalies. Delta personnel detected four anomalous features, floor drain piping and a suspect UST. The following sections detail the findings of the geophysical investigation.

Anomaly #1

Delta utilized the GPR to detect an anomaly on the northern side of the property. Transects over this area displayed a feature that is consistent with a potential dry well structure. A small, round flat metallic object was also detected in the center of the object; this is a potential manhole cover. The approximate size of the anomaly is 6.5 feet by 7 feet.

Anomaly #2

Delta utilized the GPR to detect an anomaly on the northern side of the property. Transects over this area displayed a flat rectangular object. This feature is consistent with a potential dry well structure. The approximate size of this anomaly is 6.5 feet by 7 feet.

Anomaly #3

Delta utilized the GPR to detect an anomaly on southern side of the building. Transects over this area displayed a change in soil composition with an approximate size of 4 feet by 4 feet. The center of this feature is in direct line with where the basement floor drain leaves the building; this feature could be a potential leaching structure associated with the interior floor drain.

Anomaly #4

Delta utilized the GPR to detect an anomaly on the southern side of the property. Transects over this area displayed a flat feature approximately 8.5 feet wide. The northern and southern edges of this feature could not be determined due to the close proximity of the fencing and air-conditioning units.

Suspect UST

Delta personnel utilized the TW-6 to detect a metallic feature on the northern side of the building. GPR transects over the area displayed the feature to be a cylindrical shape, consistent with a UST. A vent line was visually detected on the northern side of the building and traced with the RD7000 to termination within the feature. The approximate size of the suspect UST is 7 feet by 14 feet.

Interior Floor Drain Piping

Delta personnel utilized the RD7000 to detect and trace a floor drain detected within the basement of the building. The piping leaves the interior of the building along the southern wall; however the pipe could not be detected on the exterior portions of the property.

5.0 SURVEY LIMITATIONS

GPR depth of penetration was limited to approximately 0-3 feet bgs. The limiting factor was due to conductive soils. The TW-6 was not able to be utilized within close proximity to parked vehicles and building exterior walls. Snow piles throughout the site prevented some areas from being surveyed.

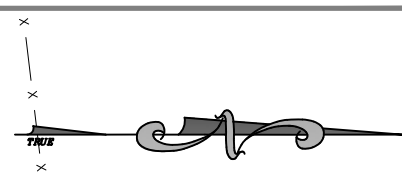
6.0 WARRANTIES AND DISCLAIMER

As with any geophysical method, it must be stressed that caution be used during any excavation or intrusive testing in proximity to any anomalies indicated in this report. In addition, the absence of detected signatures does not preclude the possibility that targets may exist. To the extent the client desires more definitive conclusions than are warranted by the currently available facts; it is specifically Delta's intent that the conclusions stated herein will be intended as guidance.

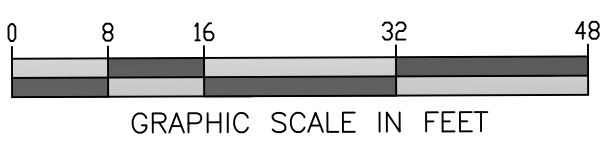
This report is based upon the application of scientific principles and professional judgment to certain facts with resultant subjective interpretations. Professional judgments expressed herein are based on the facts currently available within the limit or scope of work, budget and schedule. Delta represents that the services were performed in a manner consistent with currently accepted professional practices employed by geophysical/geological consultants under similar circumstances. No other representations to Client, express or implied, and no warranty or guarantee is included or intended in this agreement, or in any report, document, or otherwise.

This report was prepared pursuant to the contract Delta has with the Client. That contractual relationship included an exchange of information about the property that was unique and between Delta and its client and serves as the basis upon which this report was prepared. Because of the importance of the understandings between Delta and its client, reliance or any use of this report by anyone other than the Client, for whom it was prepared, is prohibited and therefore not foreseeable to Delta.

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NOTES:
 This site plan was produced from data positioned by differential GPS measurements collected in the field. Due to the errors normally present in DGPS data, this document is not intended or represented to be of survey precision. Caution should be used in all field measurements based on this site plan.
 As with any geophysical method, it must be stressed that caution be used during any excavation or intrusive testing in proximity of any anomalies indicated in this document. The absence of detected signatures does not preclude the possibility that targets exist. The geophysical data and results presented in this site plan are based upon the application of scientific principles and professional judgements to certain facts with resultant subjective interpretations. Professional judgements expressed herein are based on the facts currently available within the limits of the existing data, scope of work, budget, and schedule.
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LEGEND

- CLEAN OUT
- MANHOLE COVER
- ⊕ UTILITY POLE
- ☀ LIGHT POLE
- ⊗ FLOOR DRAIN
- E — ELECTRIC
- G — GAS
- T — TELECOMMUNICATION
- SD — STORM SEWER
- SS — SANITARY SEWER
- W — WATER
- U — UNKNOWN UTILITY

DATE	02/20/17
SCALE	1" = 16'
DWG NO.	022017
SHT NO.	1 OF 1
PROJECT.	DO21617

GEOPHYSICAL INVESTIGATION
71 NEW STREET, HUNTINGTON, NEW YORK
 FOR
GEI CONSULTANTS, INC.

DELTA Geophysics Inc.
 738 Front Street, Catasauqua, PA 18032
 Phone: (610) 231-73012

Attachment 2

Attachment 2. Sample Collection Log
Phase II Environmental Subsurface Investigation
71 New Street, Huntington, NY

Sample Point	Depth	PID (ppm)	Description
SB-1	0-5'	1.4	Dark brown silty sand; moist
	5-10'	0.9	Brown fine sand with gravel, and some red brick fragments
	10-15'	6.7	Brown fine sand with some gravel
Groundwater encountered at ~35'; sample GW-1 collected at 40'			
SB-2	0-5'	1.2	Dark brown silty sand with gravel; moist
	5-10'	0.7	Brown medium sand with gravel
	10-15'	0.5	Brown mediumsand with gravel
Groundwater encountered at ~35'; sample GW-2 collected at 40'			
SB-3	0-5'	0.9	Dark brown fine silty sand with gravel; moist
	5-10'	1.1	Brown medium sand with gravel
	10-15'	1.4	Brown medium sand
SB-4	0-5'	1.1	Dark to medium brown silty sand with some gravel
	5-10'	0.7	Brown medium sand with gravel
	10-15'	0.9	Brown medium sand with gravel
SB-5	0-5'	0.0	Dark to medium brown silty sand with some gravel
	5-10'	1.7	Light brown and rust colored fine sand with some gravel
	10-15'	0.2	Brown meduim sand
Groundwater encountered at ~35'; sample GW-3 collected at 40'			
Ext Floor Drain	0-1'	0.2	Brown poorly sorted sand and gravel

Attachment 3



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



SDG Comments

February 20, 2017

SDG I.D.: GBX70285

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

BX70286 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BX70288 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

SIM Analysis:

The lowest possible reporting limit under SIM conditions is 0.02 ug/L. The NY TOGS GA criteria for some PAHs is 0.002 ug/L. This level can not be achieved.

8260 Volatile Organics:

1,2-Dibromoethane, 1,2,3 Trichloropropane, and 1,2-Dibromo-3-chloropropane do not meet NY TOGS GA criteria, these compounds are analyzed by GC/ECD method 504 or 8011 to achieve this criteria.

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



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

Draft Progress Report

February 20, 2017

FOR: Attn: Mr. Al Jaraszewski
GEI Consultants, Inc. P.C.
110 Walt Whitman Rd Suite 204
Huntington Station, NY 11746

Sample Information

Matrix: SOIL
Location Code: GEICONS
Rush Request: 48 Hour
P.O.#:

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date

02/16/17
02/16/17

Time

8:45
17:43

Laboratory Data

SDG ID: GBX70285
Phoenix ID: BX70285

Project ID: 71 NEW ST.
Client ID: EXT FLOOR DRAIN

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.40	0.40	mg/Kg	1	02/17/17	LK	SW6010C
Arsenic	2.23	0.79	0.79	mg/Kg	1	02/17/17	LK	SW6010C
Barium	46.5	0.40	0.40	mg/Kg	1	02/17/17	LK	SW6010C
Beryllium	0.21	J 0.32	0.16	mg/Kg	1	02/17/17	LK	SW6010C
Cadmium	0.73	0.40	0.40	mg/Kg	1	02/17/17	LK	SW6010C
Chromium	8.07	0.40	0.40	mg/Kg	1	02/17/17	LK	SW6010C
Copper	72.8	0.40	0.40	mg/kg	1	02/17/17	LK	SW6010C
Mercury	0.03	J 0.03	0.02	mg/Kg	1	02/17/17	RS	SW7471B
Nickel	9.79	0.40	0.40	mg/Kg	1	02/17/17	LK	SW6010C
Lead	229	4.0	4.0	mg/Kg	10	02/17/17	LK	SW6010C
Selenium	ND	1.6	1.3	mg/Kg	1	02/17/17	LK	SW6010C
Percent Solid	89			%		02/16/17	Q	SW846-%Solid
Soil Extraction SVOA PAH	Completed					02/16/17	CKJ/CKV	SW3545A
Formaldehyde Prep for HPLC	Completed					02/17/17	MB/T	
Mercury Digestion	Completed					02/17/17	Q/Q	SW7471B
TCLP Extraction for Formaldehyde	Completed					02/16/17	Q	SW1311
Total Metals Digest	Completed					02/16/17	Z/AG/BF	SW3050B
Formaldehyde	ND	2200	2200	ug/kg	1	02/19/17	MH	SW8315A

Volatiles

1,1,1,2-Tetrachloroethane	ND	3.8	0.76	ug/Kg	1	02/17/17	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.8	0.38	ug/Kg	1	02/17/17	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.8	0.76	ug/Kg	1	02/17/17	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.8	0.76	ug/Kg	1	02/17/17	JLI	SW8260C
1,1-Dichloroethane	ND	3.8	0.76	ug/Kg	1	02/17/17	JLI	SW8260C
1,1-Dichloroethene	ND	3.8	0.38	ug/Kg	1	02/17/17	JLI	SW8260C
1,1-Dichloropropene	ND	3.8	0.38	ug/Kg	1	02/17/17	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	3.8	0.76	ug/Kg	1	02/17/17	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2,3-Trichloropropane	ND	3.8	0.38	ug/Kg	1	02/17/17	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	3.8	0.76	ug/Kg	1	02/17/17	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	3.8	0.38	ug/Kg	1	02/17/17	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	3.8	0.76	ug/Kg	1	02/17/17	JLI	SW8260C
1,2-Dibromoethane	ND	3.8	0.38	ug/Kg	1	02/17/17	JLI	SW8260C
1,2-Dichlorobenzene	ND	3.8	0.38	ug/Kg	1	02/17/17	JLI	SW8260C
1,2-Dichloroethane	ND	3.8	0.38	ug/Kg	1	02/17/17	JLI	SW8260C
1,2-Dichloropropane	ND	3.8	0.76	ug/Kg	1	02/17/17	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	3.8	0.38	ug/Kg	1	02/17/17	JLI	SW8260C
1,3-Dichlorobenzene	ND	3.8	0.38	ug/Kg	1	02/17/17	JLI	SW8260C
1,3-Dichloropropane	ND	3.8	0.76	ug/Kg	1	02/17/17	JLI	SW8260C
1,4-Dichlorobenzene	ND	3.8	0.38	ug/Kg	1	02/17/17	JLI	SW8260C
2,2-Dichloropropane	ND	3.8	0.38	ug/Kg	1	02/17/17	JLI	SW8260C
2-Chlorotoluene	ND	3.8	0.76	ug/Kg	1	02/17/17	JLI	SW8260C
2-Hexanone	ND	19	3.8	ug/Kg	1	02/17/17	JLI	SW8260C
2-Isopropyltoluene	ND	3.8	0.38	ug/Kg	1	02/17/17	JLI	SW8260C
4-Chlorotoluene	ND	3.8	0.38	ug/Kg	1	02/17/17	JLI	SW8260C
4-Methyl-2-pentanone	ND	19	3.8	ug/Kg	1	02/17/17	JLI	SW8260C
Acetone	6.5	JS 19	3.8	ug/Kg	1	02/17/17	JLI	SW8260C
Acrylonitrile	ND	7.6	0.38	ug/Kg	1	02/17/17	JLI	SW8260C
Benzene	ND	3.8	0.38	ug/Kg	1	02/17/17	JLI	SW8260C
Bromobenzene	ND	3.8	0.38	ug/Kg	1	02/17/17	JLI	SW8260C
Bromochloromethane	ND	3.8	0.38	ug/Kg	1	02/17/17	JLI	SW8260C
Bromodichloromethane	ND	3.8	0.76	ug/Kg	1	02/17/17	JLI	SW8260C
Bromoform	ND	3.8	0.76	ug/Kg	1	02/17/17	JLI	SW8260C
Bromomethane	ND	3.8	1.5	ug/Kg	1	02/17/17	JLI	SW8260C
Carbon Disulfide	ND	3.8	0.76	ug/Kg	1	02/17/17	JLI	SW8260C
Carbon tetrachloride	ND	3.8	0.76	ug/Kg	1	02/17/17	JLI	SW8260C
Chlorobenzene	ND	3.8	0.38	ug/Kg	1	02/17/17	JLI	SW8260C
Chloroethane	ND	3.8	0.38	ug/Kg	1	02/17/17	JLI	SW8260C
Chloroform	ND	3.8	0.38	ug/Kg	1	02/17/17	JLI	SW8260C
Chloromethane	ND	3.8	0.76	ug/Kg	1	02/17/17	JLI	SW8260C
cis-1,2-Dichloroethene	ND	3.8	0.38	ug/Kg	1	02/17/17	JLI	SW8260C
cis-1,3-Dichloropropene	ND	3.8	0.38	ug/Kg	1	02/17/17	JLI	SW8260C
Dibromochloromethane	ND	3.8	0.76	ug/Kg	1	02/17/17	JLI	SW8260C
Dibromomethane	ND	3.8	0.76	ug/Kg	1	02/17/17	JLI	SW8260C
Dichlorodifluoromethane	ND	3.8	0.38	ug/Kg	1	02/17/17	JLI	SW8260C
Ethylbenzene	ND	3.8	0.38	ug/Kg	1	02/17/17	JLI	SW8260C
Hexachlorobutadiene	ND	3.8	0.38	ug/Kg	1	02/17/17	JLI	SW8260C
Isopropylbenzene	ND	3.8	0.38	ug/Kg	1	02/17/17	JLI	SW8260C
m&p-Xylene	ND	3.8	0.76	ug/Kg	1	02/17/17	JLI	SW8260C
Methyl Ethyl Ketone	ND	19	3.8	ug/Kg	1	02/17/17	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	7.6	0.76	ug/Kg	1	02/17/17	JLI	SW8260C
Methylene chloride	ND	7.6	3.8	ug/Kg	1	02/17/17	JLI	SW8260C
Naphthalene	ND	3.8	0.76	ug/Kg	1	02/17/17	JLI	SW8260C
n-Butylbenzene	ND	3.8	0.38	ug/Kg	1	02/17/17	JLI	SW8260C
n-Propylbenzene	ND	3.8	0.76	ug/Kg	1	02/17/17	JLI	SW8260C
o-Xylene	ND	3.8	0.76	ug/Kg	1	02/17/17	JLI	SW8260C
p-Isopropyltoluene	ND	3.8	0.38	ug/Kg	1	02/17/17	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
sec-Butylbenzene	ND	3.8	0.38	ug/Kg	1	02/17/17	JLI	SW8260C
Styrene	ND	3.8	0.38	ug/Kg	1	02/17/17	JLI	SW8260C
tert-Butylbenzene	ND	3.8	0.38	ug/Kg	1	02/17/17	JLI	SW8260C
Tetrachloroethene	ND	3.8	0.76	ug/Kg	1	02/17/17	JLI	SW8260C
Tetrahydrofuran (THF)	ND	7.6	1.9	ug/Kg	1	02/17/17	JLI	SW8260C
Toluene	ND	3.8	0.38	ug/Kg	1	02/17/17	JLI	SW8260C
Total Xylenes	ND	3.8	0.76	ug/Kg	1	02/17/17	JLI	SW8260C
trans-1,2-Dichloroethene	ND	3.8	0.38	ug/Kg	1	02/17/17	JLI	SW8260C
trans-1,3-Dichloropropene	ND	3.8	0.38	ug/Kg	1	02/17/17	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	7.6	1.9	ug/Kg	1	02/17/17	JLI	SW8260C
Trichloroethene	ND	3.8	0.38	ug/Kg	1	02/17/17	JLI	SW8260C
Trichlorofluoromethane	ND	3.8	0.76	ug/Kg	1	02/17/17	JLI	SW8260C
Trichlorotrifluoroethane	ND	3.8	0.38	ug/Kg	1	02/17/17	JLI	SW8260C
Vinyl chloride	ND	3.8	0.38	ug/Kg	1	02/17/17	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	96			%	1	02/17/17	JLI	70 - 130 %
% Bromofluorobenzene	90			%	1	02/17/17	JLI	70 - 130 %
% Dibromofluoromethane	104			%	1	02/17/17	JLI	70 - 130 %
% Toluene-d8	95			%	1	02/17/17	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	57	31	ug/kg	1	02/17/17	JLI	SW8260C
p-Ethyltoluene	ND	38	38	ug/Kg	1	02/17/17	JLI	SW8260C TIC
1,2,4,5-Tetramethylbenzene	ND	38	38	ug/Kg	1	02/17/17	JLI	SW8260C TIC
<u>Polynuclear Aromatic HC</u>								
2-Methylnaphthalene	ND	260	110	ug/Kg	1	02/17/17	DD	SW8270D
Acenaphthene	ND	260	110	ug/Kg	1	02/17/17	DD	SW8270D
Acenaphthylene	ND	260	110	ug/Kg	1	02/17/17	DD	SW8270D
Anthracene	ND	260	120	ug/Kg	1	02/17/17	DD	SW8270D
Benz(a)anthracene	300	260	130	ug/Kg	1	02/17/17	DD	SW8270D
Benzo(a)pyrene	420	260	120	ug/Kg	1	02/17/17	DD	SW8270D
Benzo(b)fluoranthene	570	260	130	ug/Kg	1	02/17/17	DD	SW8270D
Benzo(ghi)perylene	320	260	120	ug/Kg	1	02/17/17	DD	SW8270D
Benzo(k)fluoranthene	350	260	120	ug/Kg	1	02/17/17	DD	SW8270D
Chrysene	530	260	130	ug/Kg	1	02/17/17	DD	SW8270D
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	1	02/17/17	DD	SW8270D
Fluoranthene	720	260	120	ug/Kg	1	02/17/17	DD	SW8270D
Fluorene	ND	260	120	ug/Kg	1	02/17/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	340	260	120	ug/Kg	1	02/17/17	DD	SW8270D
Naphthalene	ND	260	110	ug/Kg	1	02/17/17	DD	SW8270D
Phenanthrene	280	260	110	ug/Kg	1	02/17/17	DD	SW8270D
Pyrene	580	260	130	ug/Kg	1	02/17/17	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2-Fluorobiphenyl	53			%	1	02/17/17	DD	30 - 130 %
% Nitrobenzene-d5	58			%	1	02/17/17	DD	30 - 130 %
% Terphenyl-d14	47			%	1	02/17/17	DD	30 - 130 %
Nitrobenzene	ND	260	75	ug/kg	1	02/17/17	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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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 Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

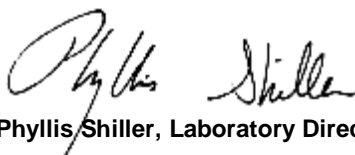
All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If 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.

PLEASE NOTE: THIS PROGRESS REPORT IS CONSIDERED PRELIMINARY DATA. THE RESULTS ENTERED HAVE NOT BEEN EXAMINED BY OUR QA/QC DEPARTMENT.



Phyllis Shiller, Laboratory Director

February 20, 2017

Official Report Release To Follow



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

Draft Progress Report

February 20, 2017

FOR: Attn: Mr. Al Jaraszewski
GEI Consultants, Inc. P.C.
110 Walt Whitman Rd Suite 204
Huntington Station, NY 11746

Sample Information

Matrix: SOIL
Location Code: GEICONS
Rush Request: 48 Hour
P.O.#:

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time
02/16/17 9:35
02/16/17 17:43

Laboratory Data

SDG ID: GBX70285
Phoenix ID: BX70286

Project ID: 71 NEW ST.
Client ID: SB-1 12-14

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.31	0.31	mg/Kg	1	02/17/17	LK	SW6010C
Arsenic	14.4	0.63	0.63	mg/Kg	1	02/17/17	LK	SW6010C
Barium	16.6	0.31	0.31	mg/Kg	1	02/17/17	LK	SW6010C
Beryllium	ND	0.25	0.13	mg/Kg	1	02/17/17	LK	SW6010C
Cadmium	0.46	0.31	0.31	mg/Kg	1	02/17/17	LK	SW6010C
Chromium	10.9	0.31	0.31	mg/Kg	1	02/17/17	LK	SW6010C
Copper	17.3	0.31	0.31	mg/kg	1	02/17/17	LK	SW6010C
Mercury	0.22	0.03	0.02	mg/Kg	1	02/17/17	RS	SW7471B
Nickel	6.96	0.31	0.31	mg/Kg	1	02/17/17	LK	SW6010C
Lead	14.4	0.31	0.31	mg/Kg	1	02/17/17	LK	SW6010C
Selenium	ND	1.3	1.1	mg/Kg	1	02/17/17	LK	SW6010C
Percent Solid	95			%		02/16/17	Q	SW846-%Solid
Soil Extraction SVOA PAH	Completed					02/16/17	CKJ/CKV	SW3545A
Formaldehyde Prep for HPLC	Completed					02/17/17	MB/T	
Mercury Digestion	Completed					02/17/17	Q/Q	SW7471B
TCLP Extraction for Formaldehyde	Completed					02/16/17	Q	SW1311
Total Metals Digest	Completed					02/16/17	Z/AG/BF	SW3050B
Formaldehyde	22000	21000	21000	ug/kg	1	02/19/17	MH	SW8315A

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.2	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.2	0.52	ug/Kg	1	02/17/17	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.2	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.2	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
1,1-Dichloroethane	ND	5.2	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
1,1-Dichloroethene	ND	5.2	0.52	ug/Kg	1	02/17/17	JLI	SW8260C
1,1-Dichloropropene	ND	5.2	0.52	ug/Kg	1	02/17/17	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.2	1.0	ug/Kg	1	02/17/17	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2,3-Trichloropropane	ND	5.2	0.52	ug/Kg	1	02/17/17	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.2	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.2	0.52	ug/Kg	1	02/17/17	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.2	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
1,2-Dibromoethane	ND	5.2	0.52	ug/Kg	1	02/17/17	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.2	0.52	ug/Kg	1	02/17/17	JLI	SW8260C
1,2-Dichloroethane	ND	5.2	0.52	ug/Kg	1	02/17/17	JLI	SW8260C
1,2-Dichloropropane	ND	5.2	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.2	0.52	ug/Kg	1	02/17/17	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.2	0.52	ug/Kg	1	02/17/17	JLI	SW8260C
1,3-Dichloropropane	ND	5.2	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.2	0.52	ug/Kg	1	02/17/17	JLI	SW8260C
2,2-Dichloropropane	ND	5.2	0.52	ug/Kg	1	02/17/17	JLI	SW8260C
2-Chlorotoluene	ND	5.2	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
2-Hexanone	ND	26	5.2	ug/Kg	1	02/17/17	JLI	SW8260C
2-Isopropyltoluene	ND	5.2	0.52	ug/Kg	1	02/17/17	JLI	SW8260C
4-Chlorotoluene	ND	5.2	0.52	ug/Kg	1	02/17/17	JLI	SW8260C
4-Methyl-2-pentanone	ND	26	5.2	ug/Kg	1	02/17/17	JLI	SW8260C
Acetone	27	S 26	5.2	ug/Kg	1	02/17/17	JLI	SW8260C
Acrylonitrile	ND	10	0.52	ug/Kg	1	02/17/17	JLI	SW8260C
Benzene	ND	5.2	0.52	ug/Kg	1	02/17/17	JLI	SW8260C
Bromobenzene	ND	5.2	0.52	ug/Kg	1	02/17/17	JLI	SW8260C
Bromochloromethane	ND	5.2	0.52	ug/Kg	1	02/17/17	JLI	SW8260C
Bromodichloromethane	ND	5.2	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
Bromoform	ND	5.2	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
Bromomethane	ND	5.2	2.1	ug/Kg	1	02/17/17	JLI	SW8260C
Carbon Disulfide	2.4	J 5.2	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
Carbon tetrachloride	ND	5.2	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
Chlorobenzene	ND	5.2	0.52	ug/Kg	1	02/17/17	JLI	SW8260C
Chloroethane	ND	5.2	0.52	ug/Kg	1	02/17/17	JLI	SW8260C
Chloroform	ND	5.2	0.52	ug/Kg	1	02/17/17	JLI	SW8260C
Chloromethane	ND	5.2	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.2	0.52	ug/Kg	1	02/17/17	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.2	0.52	ug/Kg	1	02/17/17	JLI	SW8260C
Dibromochloromethane	ND	5.2	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
Dibromomethane	ND	5.2	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
Dichlorodifluoromethane	ND	5.2	0.52	ug/Kg	1	02/17/17	JLI	SW8260C
Ethylbenzene	ND	5.2	0.52	ug/Kg	1	02/17/17	JLI	SW8260C
Hexachlorobutadiene	ND	5.2	0.52	ug/Kg	1	02/17/17	JLI	SW8260C
Isopropylbenzene	ND	5.2	0.52	ug/Kg	1	02/17/17	JLI	SW8260C
m&p-Xylene	ND	5.2	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
Methyl Ethyl Ketone	5.3	J 26	5.2	ug/Kg	1	02/17/17	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	10	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
Methylene chloride	ND	10	5.2	ug/Kg	1	02/17/17	JLI	SW8260C
Naphthalene	ND	5.2	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
n-Butylbenzene	ND	5.2	0.52	ug/Kg	1	02/17/17	JLI	SW8260C
n-Propylbenzene	ND	5.2	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
o-Xylene	ND	5.2	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
p-Isopropyltoluene	ND	5.2	0.52	ug/Kg	1	02/17/17	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
sec-Butylbenzene	ND	5.2	0.52	ug/Kg	1	02/17/17	JLI	SW8260C
Styrene	ND	5.2	0.52	ug/Kg	1	02/17/17	JLI	SW8260C
tert-Butylbenzene	ND	5.2	0.52	ug/Kg	1	02/17/17	JLI	SW8260C
Tetrachloroethene	ND	5.2	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
Tetrahydrofuran (THF)	ND	10	2.6	ug/Kg	1	02/17/17	JLI	SW8260C
Toluene	ND	5.2	0.52	ug/Kg	1	02/17/17	JLI	SW8260C
Total Xylenes	ND	5.2	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.2	0.52	ug/Kg	1	02/17/17	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.2	0.52	ug/Kg	1	02/17/17	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	10	2.6	ug/Kg	1	02/17/17	JLI	SW8260C
Trichloroethene	ND	5.2	0.52	ug/Kg	1	02/17/17	JLI	SW8260C
Trichlorofluoromethane	ND	5.2	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.2	0.52	ug/Kg	1	02/17/17	JLI	SW8260C
Vinyl chloride	ND	5.2	0.52	ug/Kg	1	02/17/17	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	98			%	1	02/17/17	JLI	70 - 130 %
% Bromofluorobenzene	95			%	1	02/17/17	JLI	70 - 130 %
% Dibromofluoromethane	102			%	1	02/17/17	JLI	70 - 130 %
% Toluene-d8	96			%	1	02/17/17	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	78	42	ug/kg	1	02/17/17	JLI	SW8260C
p-Ethyltoluene	ND	52	52	ug/Kg	1	02/17/17	JLI	SW8260C TIC
1,2,4,5-Tetramethylbenzene	ND	52	52	ug/Kg	1	02/17/17	JLI	SW8260C TIC
<u>Polynuclear Aromatic HC</u>								
2-Methylnaphthalene	ND	240	100	ug/Kg	1	02/17/17	DD	SW8270D
Acenaphthene	ND	240	110	ug/Kg	1	02/17/17	DD	SW8270D
Acenaphthylene	ND	240	98	ug/Kg	1	02/17/17	DD	SW8270D
Anthracene	ND	240	110	ug/Kg	1	02/17/17	DD	SW8270D
Benz(a)anthracene	430	240	120	ug/Kg	1	02/17/17	DD	SW8270D
Benzo(a)pyrene	420	240	110	ug/Kg	1	02/17/17	DD	SW8270D
Benzo(b)fluoranthene	330	240	120	ug/Kg	1	02/17/17	DD	SW8270D
Benzo(ghi)perylene	150	J 240	110	ug/Kg	1	02/17/17	DD	SW8270D
Benzo(k)fluoranthene	400	240	120	ug/Kg	1	02/17/17	DD	SW8270D
Chrysene	420	240	120	ug/Kg	1	02/17/17	DD	SW8270D
Dibenz(a,h)anthracene	ND	240	110	ug/Kg	1	02/17/17	DD	SW8270D
Fluoranthene	340	240	110	ug/Kg	1	02/17/17	DD	SW8270D
Fluorene	ND	240	120	ug/Kg	1	02/17/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	170	J 240	120	ug/Kg	1	02/17/17	DD	SW8270D
Naphthalene	ND	240	100	ug/Kg	1	02/17/17	DD	SW8270D
Phenanthrene	ND	240	100	ug/Kg	1	02/17/17	DD	SW8270D
Pyrene	350	240	120	ug/Kg	1	02/17/17	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2-Fluorobiphenyl	55			%	1	02/17/17	DD	30 - 130 %
% Nitrobenzene-d5	60			%	1	02/17/17	DD	30 - 130 %
% Terphenyl-d14	51			%	1	02/17/17	DD	30 - 130 %
Nitrobenzene	ND	240	70	ug/kg	1	02/17/17	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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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 Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

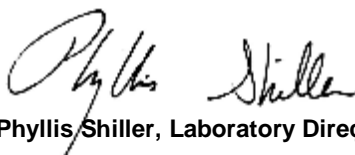
All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

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

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Phyllis Shiller, Laboratory Director

February 20, 2017

Official Report Release To Follow



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

Draft Progress Report

February 20, 2017

FOR: Attn: Mr. Al Jaraszewski
 GEI Consultants, Inc. P.C.
 110 Walt Whitman Rd Suite 204
 Huntington Station, NY 11746

Sample Information

Matrix: SOIL
 Location Code: GEICONS
 Rush Request: 48 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date: 02/16/17 11:05
 02/16/17 17:43

Laboratory Data

SDG ID: GBX70285
 Phoenix ID: BX70287

Project ID: 71 NEW ST.
 Client ID: SB-2 13-15

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.32	0.32	mg/Kg	1	02/17/17	LK	SW6010C
Arsenic	3.60	0.63	0.63	mg/Kg	1	02/17/17	LK	SW6010C
Barium	15.3	0.32	0.32	mg/Kg	1	02/17/17	LK	SW6010C
Beryllium	0.18	J 0.25	0.13	mg/Kg	1	02/17/17	LK	SW6010C
Cadmium	ND	0.32	0.32	mg/Kg	1	02/17/17	LK	SW6010C
Chromium	8.65	0.32	0.32	mg/Kg	1	02/17/17	LK	SW6010C
Copper	6.00	0.32	0.32	mg/kg	1	02/17/17	LK	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	02/17/17	RS	SW7471B
Nickel	3.72	0.32	0.32	mg/Kg	1	02/17/17	LK	SW6010C
Lead	7.20	0.32	0.32	mg/Kg	1	02/17/17	LK	SW6010C
Selenium	ND	1.3	1.1	mg/Kg	1	02/17/17	LK	SW6010C
Percent Solid	95			%		02/16/17	Q	SW846-%Solid
Soil Extraction SVOA PAH	Completed					02/16/17	CKJ/CKV	SW3545A
Formaldehyde Prep for HPLC	Completed					02/17/17	MB/T	
Mercury Digestion	Completed					02/17/17	Q/Q	SW7471B
TCLP Extraction for Formaldehyde	Completed					02/16/17	Q	SW1311
Total Metals Digest	Completed					02/16/17	Z/AG/BF	SW3050B
Formaldehyde	ND	2000	2000	ug/kg	1	02/19/17	MH	SW8315A

Volatiles- STARS/CP-51

1,2,4-Trimethylbenzene	ND	1.1	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	1.1	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
Benzene	ND	0.53	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
Ethylbenzene	ND	0.53	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
Isopropylbenzene	ND	1.1	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
m&p-Xylene	ND	1.1	0.53	ug/Kg	1	02/17/17	JLI	SW8260C
Methyl t-Butyl Ether (MTBE)	ND	0.53	0.53	ug/Kg	1	02/17/17	JLI	SW8260C
Naphthalene	ND	1.1	0.53	ug/Kg	1	02/17/17	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Butylbenzene	ND	1.1	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
n-Propylbenzene	ND	1.1	0.53	ug/Kg	1	02/17/17	JLI	SW8260C
o-Xylene	ND	1.1	0.53	ug/Kg	1	02/17/17	JLI	SW8260C
p-Isopropyltoluene	ND	1.1	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
sec-Butylbenzene	ND	1.1	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
tert-Butylbenzene	ND	1.1	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
Toluene	ND	0.53	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
Total Xylenes	ND	1.1	0.53	ug/Kg	1	02/17/17	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-Dichlorobenzene-d4	98			%	1	02/17/17	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	02/17/17	JLI	70 - 130 %
% Dibromofluoromethane	102			%	1	02/17/17	JLI	70 - 130 %
% Toluene-d8	97			%	1	02/17/17	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	2.6	0.53	ug/Kg	1	02/17/17	JLI	SW8260C
1,1,1-Trichloroethane	ND	2.6	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	2.6	0.53	ug/Kg	1	02/17/17	JLI	SW8260C
1,1,2-Trichloroethane	ND	2.6	0.53	ug/Kg	1	02/17/17	JLI	SW8260C
1,1-Dichloroethane	ND	2.6	0.53	ug/Kg	1	02/17/17	JLI	SW8260C
1,1-Dichloroethene	ND	2.6	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
1,1-Dichloropropene	ND	2.6	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	2.6	0.53	ug/Kg	1	02/17/17	JLI	SW8260C
1,2,3-Trichloropropane	ND	2.6	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	2.6	0.53	ug/Kg	1	02/17/17	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	2.6	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	2.6	0.53	ug/Kg	1	02/17/17	JLI	SW8260C
1,2-Dibromoethane	ND	2.6	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
1,2-Dichlorobenzene	ND	2.6	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
1,2-Dichloroethane	ND	2.6	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
1,2-Dichloropropane	ND	2.6	0.53	ug/Kg	1	02/17/17	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	2.6	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
1,3-Dichlorobenzene	ND	2.6	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
1,3-Dichloropropane	ND	2.6	0.53	ug/Kg	1	02/17/17	JLI	SW8260C
1,4-Dichlorobenzene	ND	2.6	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
2,2-Dichloropropane	ND	2.6	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
2-Chlorotoluene	ND	2.6	0.53	ug/Kg	1	02/17/17	JLI	SW8260C
2-Hexanone	ND	13	2.6	ug/Kg	1	02/17/17	JLI	SW8260C
2-Isopropyltoluene	ND	2.6	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
4-Chlorotoluene	ND	2.6	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
4-Methyl-2-pentanone	ND	13	2.6	ug/Kg	1	02/17/17	JLI	SW8260C
Acetone	5.6	JS 13	2.6	ug/Kg	1	02/17/17	JLI	SW8260C
Acrylonitrile	ND	5.3	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
Benzene	ND	2.6	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
Bromobenzene	ND	2.6	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
Bromochloromethane	ND	2.6	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
Bromodichloromethane	ND	2.6	0.53	ug/Kg	1	02/17/17	JLI	SW8260C
Bromoform	ND	2.6	0.53	ug/Kg	1	02/17/17	JLI	SW8260C
Bromomethane	ND	2.6	1.1	ug/Kg	1	02/17/17	JLI	SW8260C
Carbon Disulfide	ND	2.6	0.53	ug/Kg	1	02/17/17	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon tetrachloride	ND	2.6	0.53	ug/Kg	1	02/17/17	JLI	SW8260C
Chlorobenzene	ND	2.6	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
Chloroethane	ND	2.6	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
Chloroform	ND	2.6	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
Chloromethane	ND	2.6	0.53	ug/Kg	1	02/17/17	JLI	SW8260C
cis-1,2-Dichloroethene	ND	2.6	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
cis-1,3-Dichloropropene	ND	2.6	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
Dibromochloromethane	ND	2.6	0.53	ug/Kg	1	02/17/17	JLI	SW8260C
Dibromomethane	ND	2.6	0.53	ug/Kg	1	02/17/17	JLI	SW8260C
Dichlorodifluoromethane	ND	2.6	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
Ethylbenzene	ND	2.6	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
Hexachlorobutadiene	ND	2.6	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
Isopropylbenzene	ND	2.6	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
m&p-Xylene	ND	2.6	0.53	ug/Kg	1	02/17/17	JLI	SW8260C
Methyl Ethyl Ketone	ND	13	2.6	ug/Kg	1	02/17/17	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	5.3	0.53	ug/Kg	1	02/17/17	JLI	SW8260C
Methylene chloride	ND	5.3	2.6	ug/Kg	1	02/17/17	JLI	SW8260C
Naphthalene	ND	2.6	0.53	ug/Kg	1	02/17/17	JLI	SW8260C
n-Butylbenzene	ND	2.6	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
n-Propylbenzene	ND	2.6	0.53	ug/Kg	1	02/17/17	JLI	SW8260C
o-Xylene	ND	2.6	0.53	ug/Kg	1	02/17/17	JLI	SW8260C
p-Isopropyltoluene	ND	2.6	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
sec-Butylbenzene	ND	2.6	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
Styrene	ND	2.6	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
tert-Butylbenzene	ND	2.6	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
Tetrachloroethene	ND	2.6	0.53	ug/Kg	1	02/17/17	JLI	SW8260C
Tetrahydrofuran (THF)	ND	5.3	1.3	ug/Kg	1	02/17/17	JLI	SW8260C
Toluene	ND	2.6	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
Total Xylenes	ND	2.6	0.53	ug/Kg	1	02/17/17	JLI	SW8260C
trans-1,2-Dichloroethene	ND	2.6	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
trans-1,3-Dichloropropene	ND	2.6	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	5.3	1.3	ug/Kg	1	02/17/17	JLI	SW8260C
Trichloroethene	ND	2.6	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
Trichlorofluoromethane	ND	2.6	0.53	ug/Kg	1	02/17/17	JLI	SW8260C
Trichlorotrifluoroethane	ND	2.6	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
Vinyl chloride	ND	2.6	0.26	ug/Kg	1	02/17/17	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	98			%	1	02/17/17	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	02/17/17	JLI	70 - 130 %
% Dibromofluoromethane	102			%	1	02/17/17	JLI	70 - 130 %
% Toluene-d8	97			%	1	02/17/17	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	39	21	ug/kg	1	02/17/17	JLI	SW8260C
p-Ethyltoluene	ND	26	26	ug/Kg	1	02/17/17	JLI	SW8260C TIC
1,2,4,5-Tetramethylbenzene	ND	26	26	ug/Kg	1	02/17/17	JLI	SW8260C TIC
<u>Polynuclear Aromatic HC</u>								
2-Methylnaphthalene	ND	240	100	ug/Kg	1	02/17/17	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acenaphthene	ND	240	110	ug/Kg	1	02/17/17	DD	SW8270D
Acenaphthylene	150	J 240	98	ug/Kg	1	02/17/17	DD	SW8270D
Anthracene	ND	240	110	ug/Kg	1	02/17/17	DD	SW8270D
Benz(a)anthracene	570	240	120	ug/Kg	1	02/17/17	DD	SW8270D
Benzo(a)pyrene	860	240	110	ug/Kg	1	02/17/17	DD	SW8270D
Benzo(b)fluoranthene	970	240	120	ug/Kg	1	02/17/17	DD	SW8270D
Benzo(ghi)perylene	520	240	110	ug/Kg	1	02/17/17	DD	SW8270D
Benzo(k)fluoranthene	830	240	120	ug/Kg	1	02/17/17	DD	SW8270D
Chrysene	680	240	120	ug/Kg	1	02/17/17	DD	SW8270D
Dibenz(a,h)anthracene	180	J 240	110	ug/Kg	1	02/17/17	DD	SW8270D
Fluoranthene	680	240	110	ug/Kg	1	02/17/17	DD	SW8270D
Fluorene	ND	240	120	ug/Kg	1	02/17/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	660	240	120	ug/Kg	1	02/17/17	DD	SW8270D
Naphthalene	ND	240	100	ug/Kg	1	02/17/17	DD	SW8270D
Phenanthrene	ND	240	100	ug/Kg	1	02/17/17	DD	SW8270D
Pyrene	860	240	120	ug/Kg	1	02/17/17	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2-Fluorobiphenyl	66			%	1	02/17/17	DD	30 - 130 %
% Nitrobenzene-d5	64			%	1	02/17/17	DD	30 - 130 %
% Terphenyl-d14	60			%	1	02/17/17	DD	30 - 130 %
<u>Semivolatiles-STARs/CP-51</u>								
Acenaphthene	ND	240	100	ug/Kg	1	02/17/17	DD	SW8270D
Acenaphthylene	150	J 240	100	ug/Kg	1	02/17/17	DD	SW8270D
Anthracene	ND	240	100	ug/Kg	1	02/17/17	DD	SW8270D
Benz(a)anthracene	570	240	100	ug/Kg	1	02/17/17	DD	SW8270D
Benzo(a)pyrene	860	240	100	ug/Kg	1	02/17/17	DD	SW8270D
Benzo(b)fluoranthene	970	240	100	ug/Kg	1	02/17/17	DD	SW8270D
Benzo(ghi)perylene	520	240	100	ug/Kg	1	02/17/17	DD	SW8270D
Benzo(k)fluoranthene	830	240	100	ug/Kg	1	02/17/17	DD	SW8270D
Chrysene	680	240	100	ug/Kg	1	02/17/17	DD	SW8270D
Dibenz(a,h)anthracene	180	J 240	100	ug/Kg	1	02/17/17	DD	SW8270D
Fluoranthene	680	240	100	ug/Kg	1	02/17/17	DD	SW8270D
Fluorene	ND	240	100	ug/Kg	1	02/17/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	660	240	100	ug/Kg	1	02/17/17	DD	SW8270D
Naphthalene	ND	240	100	ug/Kg	1	02/17/17	DD	SW8270D
Phenanthrene	ND	240	100	ug/Kg	1	02/17/17	DD	SW8270D
Pyrene	860	240	100	ug/Kg	1	02/17/17	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2-Fluorobiphenyl	66			%	1	02/17/17	DD	30 - 130 %
% Nitrobenzene-d5	64			%	1	02/17/17	DD	30 - 130 %
% Terphenyl-d14	60			%	1	02/17/17	DD	30 - 130 %
Nitrobenzene	ND	240	70	ug/kg	1	02/17/17	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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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 Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

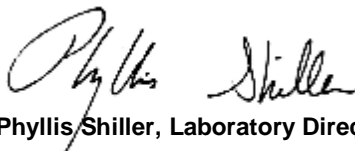
All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

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

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PLEASE NOTE: THIS PROGRESS REPORT IS CONSIDERED PRELIMINARY DATA. THE RESULTS ENTERED HAVE NOT BEEN EXAMINED BY OUR QA/QC DEPARTMENT.



Phyllis Shiller, Laboratory Director

February 20, 2017

Official Report Release To Follow



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



Draft Progress Report

February 20, 2017

FOR: Attn: Mr. Al Jaraszewski
 GEI Consultants, Inc. P.C.
 110 Walt Whitman Rd Suite 204
 Huntington Station, NY 11746

Sample Information

Matrix: SOIL
 Location Code: GEICONS
 Rush Request: 48 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date Time
 02/16/17 13:00
 02/16/17 17:43

Laboratory Data

SDG ID: GBX70285
 Phoenix ID: BX70288

Project ID: 71 NEW ST.
 Client ID: SB-5 13-15

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.33	0.33	mg/Kg	1	02/17/17	LK	SW6010C
Arsenic	ND	0.65	0.65	mg/Kg	1	02/17/17	LK	SW6010C
Barium	6.42	0.33	0.33	mg/Kg	1	02/17/17	LK	SW6010C
Beryllium	ND	0.26	0.13	mg/Kg	1	02/17/17	LK	SW6010C
Cadmium	ND	0.33	0.33	mg/Kg	1	02/17/17	LK	SW6010C
Chromium	2.92	0.33	0.33	mg/Kg	1	02/17/17	LK	SW6010C
Copper	1.91	0.33	0.33	mg/kg	1	02/17/17	LK	SW6010C
Mercury	ND	0.02	0.02	mg/Kg	1	02/17/17	RS	SW7471B
Nickel	1.72	0.33	0.33	mg/Kg	1	02/17/17	LK	SW6010C
Lead	1.04	0.33	0.33	mg/Kg	1	02/17/17	LK	SW6010C
Selenium	ND	1.3	1.1	mg/Kg	1	02/17/17	LK	SW6010C
Percent Solid	98			%		02/16/17	Q	SW846-%Solid
Soil Extraction SVOA PAH	Completed					02/16/17	CKJ/CKV	SW3545A
Formaldehyde Prep for HPLC	Completed					02/17/17	MB/T	
Mercury Digestion	Completed					02/17/17	Q/Q	SW7471B
TCLP Extraction for Formaldehyde	Completed					02/16/17	Q	SW1311
Total Metals Digest	Completed					02/16/17	Z/AG/BF	SW3050B
Formaldehyde	ND	2000	2000	ug/kg	1	02/19/17	MH	SW8315A

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.1	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.1	0.51	ug/Kg	1	02/17/17	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.1	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.1	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
1,1-Dichloroethane	ND	5.1	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
1,1-Dichloroethene	ND	5.1	0.51	ug/Kg	1	02/17/17	JLI	SW8260C
1,1-Dichloropropene	ND	5.1	0.51	ug/Kg	1	02/17/17	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.1	1.0	ug/Kg	1	02/17/17	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2,3-Trichloropropane	ND	5.1	0.51	ug/Kg	1	02/17/17	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.1	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.1	0.51	ug/Kg	1	02/17/17	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.1	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
1,2-Dibromoethane	ND	5.1	0.51	ug/Kg	1	02/17/17	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.1	0.51	ug/Kg	1	02/17/17	JLI	SW8260C
1,2-Dichloroethane	ND	5.1	0.51	ug/Kg	1	02/17/17	JLI	SW8260C
1,2-Dichloropropane	ND	5.1	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.1	0.51	ug/Kg	1	02/17/17	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.1	0.51	ug/Kg	1	02/17/17	JLI	SW8260C
1,3-Dichloropropane	ND	5.1	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.1	0.51	ug/Kg	1	02/17/17	JLI	SW8260C
2,2-Dichloropropane	ND	5.1	0.51	ug/Kg	1	02/17/17	JLI	SW8260C
2-Chlorotoluene	ND	5.1	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
2-Hexanone	ND	26	5.1	ug/Kg	1	02/17/17	JLI	SW8260C
2-Isopropyltoluene	ND	5.1	0.51	ug/Kg	1	02/17/17	JLI	SW8260C
4-Chlorotoluene	ND	5.1	0.51	ug/Kg	1	02/17/17	JLI	SW8260C
4-Methyl-2-pentanone	ND	26	5.1	ug/Kg	1	02/17/17	JLI	SW8260C
Acetone	ND	26	5.1	ug/Kg	1	02/17/17	JLI	SW8260C
Acrylonitrile	ND	10	0.51	ug/Kg	1	02/17/17	JLI	SW8260C
Benzene	ND	5.1	0.51	ug/Kg	1	02/17/17	JLI	SW8260C
Bromobenzene	ND	5.1	0.51	ug/Kg	1	02/17/17	JLI	SW8260C
Bromochloromethane	ND	5.1	0.51	ug/Kg	1	02/17/17	JLI	SW8260C
Bromodichloromethane	ND	5.1	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
Bromoform	ND	5.1	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
Bromomethane	ND	5.1	2.0	ug/Kg	1	02/17/17	JLI	SW8260C
Carbon Disulfide	ND	5.1	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
Carbon tetrachloride	ND	5.1	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
Chlorobenzene	ND	5.1	0.51	ug/Kg	1	02/17/17	JLI	SW8260C
Chloroethane	ND	5.1	0.51	ug/Kg	1	02/17/17	JLI	SW8260C
Chloroform	ND	5.1	0.51	ug/Kg	1	02/17/17	JLI	SW8260C
Chloromethane	ND	5.1	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.1	0.51	ug/Kg	1	02/17/17	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.1	0.51	ug/Kg	1	02/17/17	JLI	SW8260C
Dibromochloromethane	ND	5.1	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
Dibromomethane	ND	5.1	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
Dichlorodifluoromethane	ND	5.1	0.51	ug/Kg	1	02/17/17	JLI	SW8260C
Ethylbenzene	ND	5.1	0.51	ug/Kg	1	02/17/17	JLI	SW8260C
Hexachlorobutadiene	ND	5.1	0.51	ug/Kg	1	02/17/17	JLI	SW8260C
Isopropylbenzene	ND	5.1	0.51	ug/Kg	1	02/17/17	JLI	SW8260C
m&p-Xylene	ND	5.1	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
Methyl Ethyl Ketone	ND	26	5.1	ug/Kg	1	02/17/17	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	10	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
Methylene chloride	ND	10	5.1	ug/Kg	1	02/17/17	JLI	SW8260C
Naphthalene	ND	5.1	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
n-Butylbenzene	ND	5.1	0.51	ug/Kg	1	02/17/17	JLI	SW8260C
n-Propylbenzene	ND	5.1	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
o-Xylene	ND	5.1	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
p-Isopropyltoluene	ND	5.1	0.51	ug/Kg	1	02/17/17	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
sec-Butylbenzene	ND	5.1	0.51	ug/Kg	1	02/17/17	JLI	SW8260C
Styrene	ND	5.1	0.51	ug/Kg	1	02/17/17	JLI	SW8260C
tert-Butylbenzene	ND	5.1	0.51	ug/Kg	1	02/17/17	JLI	SW8260C
Tetrachloroethene	ND	5.1	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
Tetrahydrofuran (THF)	ND	10	2.6	ug/Kg	1	02/17/17	JLI	SW8260C
Toluene	ND	5.1	0.51	ug/Kg	1	02/17/17	JLI	SW8260C
Total Xylenes	ND	5.1	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.1	0.51	ug/Kg	1	02/17/17	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.1	0.51	ug/Kg	1	02/17/17	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	10	2.6	ug/Kg	1	02/17/17	JLI	SW8260C
Trichloroethene	ND	5.1	0.51	ug/Kg	1	02/17/17	JLI	SW8260C
Trichlorofluoromethane	ND	5.1	1.0	ug/Kg	1	02/17/17	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.1	0.51	ug/Kg	1	02/17/17	JLI	SW8260C
Vinyl chloride	ND	5.1	0.51	ug/Kg	1	02/17/17	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	98			%	1	02/17/17	JLI	70 - 130 %
% Bromofluorobenzene	98			%	1	02/17/17	JLI	70 - 130 %
% Dibromofluoromethane	101			%	1	02/17/17	JLI	70 - 130 %
% Toluene-d8	97			%	1	02/17/17	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	77	41	ug/kg	1	02/17/17	JLI	SW8260C
p-Ethyltoluene	ND	51	51	ug/Kg	1	02/17/17	JLI	SW8260C TIC
1,2,4,5-Tetramethylbenzene	ND	51	51	ug/Kg	1	02/17/17	JLI	SW8260C TIC
<u>Polynuclear Aromatic HC</u>								
2-Methylnaphthalene	ND	230	99	ug/Kg	1	02/17/17	DD	SW8270D
Acenaphthene	ND	230	100	ug/Kg	1	02/17/17	DD	SW8270D
Acenaphthylene	ND	230	93	ug/Kg	1	02/17/17	DD	SW8270D
Anthracene	ND	230	110	ug/Kg	1	02/17/17	DD	SW8270D
Benz(a)anthracene	ND	230	110	ug/Kg	1	02/17/17	DD	SW8270D
Benzo(a)pyrene	ND	230	110	ug/Kg	1	02/17/17	DD	SW8270D
Benzo(b)fluoranthene	ND	230	110	ug/Kg	1	02/17/17	DD	SW8270D
Benzo(ghi)perylene	ND	230	110	ug/Kg	1	02/17/17	DD	SW8270D
Benzo(k)fluoranthene	ND	230	110	ug/Kg	1	02/17/17	DD	SW8270D
Chrysene	ND	230	110	ug/Kg	1	02/17/17	DD	SW8270D
Dibenz(a,h)anthracene	ND	230	110	ug/Kg	1	02/17/17	DD	SW8270D
Fluoranthene	ND	230	110	ug/Kg	1	02/17/17	DD	SW8270D
Fluorene	ND	230	110	ug/Kg	1	02/17/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	230	110	ug/Kg	1	02/17/17	DD	SW8270D
Naphthalene	ND	230	96	ug/Kg	1	02/17/17	DD	SW8270D
Phenanthrene	ND	230	95	ug/Kg	1	02/17/17	DD	SW8270D
Pyrene	ND	230	110	ug/Kg	1	02/17/17	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2-Fluorobiphenyl	64			%	1	02/17/17	DD	30 - 130 %
% Nitrobenzene-d5	63			%	1	02/17/17	DD	30 - 130 %
% Terphenyl-d14	69			%	1	02/17/17	DD	30 - 130 %
Nitrobenzene	ND	230	67	ug/kg	1	02/17/17	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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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 Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

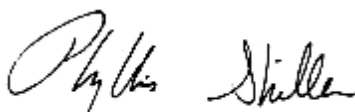
Comments:

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

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

This report must not be reproduced except in full as defined by the attached chain of custody.

PLEASE NOTE: THIS PROGRESS REPORT IS CONSIDERED PRELIMINARY DATA. THE RESULTS ENTERED HAVE NOT BEEN EXAMINED BY OUR QA/QC DEPARTMENT.



Phyllis Shiller, Laboratory Director

February 20, 2017

Official Report Release To Follow



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



Draft Progress Report

February 20, 2017

FOR: Attn: Mr. Al Jaraszewski
 GEI Consultants, Inc. P.C.
 110 Walt Whitman Rd Suite 204
 Huntington Station, NY 11746

Sample Information

Matrix: GROUND WATER
 Location Code: GEICONS
 Rush Request: 48 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date: 02/16/17 10:00
 02/16/17 17:43

Laboratory Data

SDG ID: GBX70285
 Phoenix ID: BX70289

Project ID: 71 NEW ST.
 Client ID: GW-1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	0.002	0.001	0.001	mg/L	1	02/17/17	MA	SW6010C
Arsenic	0.117	0.004	0.001	mg/L	1	02/17/17	LK	SW6010C
Barium	1.32	0.002	0.001	mg/L	1	02/17/17	LK	SW6010C
Beryllium	0.009	0.001	0.001	mg/L	1	02/17/17	LK	SW6010C
Cadmium	0.012	0.001	0.0005	mg/L	1	02/17/17	LK	SW6010C
Chromium	0.354	0.001	0.001	mg/L	1	02/17/17	LK	SW6010C
Copper	0.340	0.005	0.001	mg/L	1	02/17/17	LK	SW6010C
Mercury	ND	0.0002	0.00015	mg/L	1	02/17/17	RS	SW7470A
Nickel	0.342	0.001	0.001	mg/L	1	02/17/17	LK	SW6010C
Lead	0.102	0.002	0.001	mg/L	1	02/17/17	LK	SW6010C
Selenium	ND	0.010	0.01	mg/L	1	02/17/17	LK	SW6010C
Formaldehyde Prep by HPLC	Completed					02/16/17	MB/D	
Mercury Digestion	Completed					02/17/17	Q/Q	SW7470A
Semi-Volatile Extraction	Completed					02/16/17	P/D	SW3520C
Total Metals Digestion	Completed					02/16/17	AG	
Formaldehyde	130	50	25	ug/L	1	02/19/17	MH	E1667/SW8315A

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,1,1-Trichloroethane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	0.25	ug/L	1	02/17/17	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,1-Dichloroethane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	02/17/17	MH	SW8260C
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	02/17/17	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
2-Hexanone	ND	5.0	2.5	ug/L	1	02/17/17	MH	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	2.5	ug/L	1	02/17/17	MH	SW8260C
Acetone	ND	25	2.5	ug/L	1	02/17/17	MH	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	02/17/17	MH	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	02/17/17	MH	SW8260C
Bromobenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Bromodichloromethane	ND	0.50	0.25	ug/L	1	02/17/17	MH	SW8260C
Bromoform	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Bromomethane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Carbon Disulfide	ND	5.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Chlorobenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Chloroethane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Chloroform	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Chloromethane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	02/17/17	MH	SW8260C
Dibromochloromethane	ND	0.50	0.25	ug/L	1	02/17/17	MH	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Hexachlorobutadiene	ND	0.40	0.10	ug/L	1	02/17/17	MH	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	02/17/17	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Methylene chloride	ND	1.0	1.0	ug/L	1	02/17/17	MH	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	02/17/17	MH	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Tetrahydrofuran (THF)	ND	2.5	2.5	ug/L	1	02/17/17	MH	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Total Xylenes	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
trans-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	02/17/17	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	2.5	ug/L	1	02/17/17	MH	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	02/17/17	MH	70 - 130 %
% Bromofluorobenzene	92			%	1	02/17/17	MH	70 - 130 %
% Dibromofluoromethane	98			%	1	02/17/17	MH	70 - 130 %
% Toluene-d8	99			%	1	02/17/17	MH	70 - 130 %
p-Ethyltoluene	ND	50	50	ug/L	1	02/17/17	MH	SW8260C TIC
1,2,4,5-Tetramethylbenzene	ND	50	50	ug/L	1	02/17/17	MH	SW8260C TIC
<u>Semivolatiles by SIM</u>								
2-Methylnaphthalene	0.12	0.10	0.10	ug/L	1	02/17/17	DD	SW8270D (SIM)
Acenaphthene	ND	0.10	0.10	ug/L	1	02/17/17	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	1	02/17/17	DD	SW8270D (SIM)
Anthracene	ND	0.10	0.10	ug/L	1	02/17/17	DD	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	02/17/17	DD	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	02/17/17	DD	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	02/17/17	DD	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.10	0.10	ug/L	1	02/17/17	DD	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	02/17/17	DD	SW8270D (SIM)
Chrysene	ND	0.02	0.02	ug/L	1	02/17/17	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.01	0.01	ug/L	1	02/17/17	DD	SW8270D (SIM)
Fluoranthene	ND	0.10	0.10	ug/L	1	02/17/17	DD	SW8270D (SIM)
Fluorene	ND	0.10	0.10	ug/L	1	02/17/17	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	02/17/17	DD	SW8270D (SIM)
Naphthalene	ND	0.10	0.10	ug/L	1	02/17/17	DD	SW8270D (SIM)
Phenanthrene	ND	0.07	0.07	ug/L	1	02/17/17	DD	SW8270D (SIM)
Pyrene	ND	0.10	0.10	ug/L	1	02/17/17	DD	SW8270D (SIM)
<u>QA/QC Surrogates</u>								
% 2-Fluorobiphenyl	66			%	1	02/17/17	DD	30 - 130 %
% Nitrobenzene-d5	80			%	1	02/17/17	DD	30 - 130 %
% Terphenyl-d14	85			%	1	02/17/17	DD	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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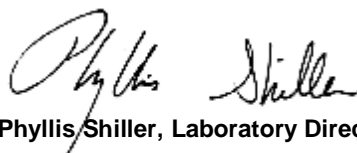
1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

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

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.

PLEASE NOTE: THIS PROGRESS REPORT IS CONSIDERED PRELIMINARY DATA. THE RESULTS ENTERED HAVE NOT BEEN EXAMINED BY OUR QA/QC DEPARTMENT.



Phyllis Shiller, Laboratory Director

February 20, 2017

Official Report Release To Follow



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

Draft Progress Report

February 20, 2017

FOR: Attn: Mr. Al Jaraszewski
 GEI Consultants, Inc. P.C.
 110 Walt Whitman Rd Suite 204
 Huntington Station, NY 11746

Sample Information

Matrix: GROUND WATER
 Location Code: GEICONS
 Rush Request: 48 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date: 02/16/17
 02/16/17
 Time: 11:30
 17:43

Laboratory Data

SDG ID: GBX70285
 Phoenix ID: BX70290

Project ID: 71 NEW ST.
 Client ID: GW-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.001	0.001	mg/L	1	02/17/17	MA	SW6010C
Arsenic	0.117	0.004	0.001	mg/L	1	02/17/17	LK	SW6010C
Barium	1.55	0.002	0.001	mg/L	1	02/17/17	LK	SW6010C
Beryllium	0.012	0.001	0.001	mg/L	1	02/17/17	LK	SW6010C
Cadmium	0.014	0.001	0.0005	mg/L	1	02/17/17	LK	SW6010C
Chromium	0.474	0.001	0.001	mg/L	1	02/17/17	LK	SW6010C
Copper	0.400	0.005	0.001	mg/L	1	02/17/17	LK	SW6010C
Mercury	ND	0.0002	0.00015	mg/L	1	02/17/17	RS	SW7470A
Nickel	0.340	0.001	0.001	mg/L	1	02/17/17	LK	SW6010C
Lead	0.103	0.002	0.001	mg/L	1	02/17/17	LK	SW6010C
Selenium	ND	0.010	0.01	mg/L	1	02/17/17	LK	SW6010C
Formaldehyde Prep by HPLC	Completed					02/16/17	MB/D	
Mercury Digestion	Completed					02/17/17	Q/Q	SW7470A
Semi-Volatile Extraction	Completed					02/16/17	P/D	SW3520C
Total Metals Digestion	Completed					02/16/17	AG	
Formaldehyde	62	50	25	ug/L	1	02/19/17	MH	E1667/SW8315A

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,1,1-Trichloroethane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	0.25	ug/L	1	02/17/17	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,1-Dichloroethane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	02/17/17	MH	SW8260C
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	02/17/17	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
2-Hexanone	ND	5.0	2.5	ug/L	1	02/17/17	MH	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	2.5	ug/L	1	02/17/17	MH	SW8260C
Acetone	3.5	JS 25	2.5	ug/L	1	02/17/17	MH	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	02/17/17	MH	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	02/17/17	MH	SW8260C
Bromobenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Bromodichloromethane	ND	0.50	0.25	ug/L	1	02/17/17	MH	SW8260C
Bromoform	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Bromomethane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Carbon Disulfide	ND	5.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Chlorobenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Chloroethane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Chloroform	0.32	J 1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Chloromethane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	02/17/17	MH	SW8260C
Dibromochloromethane	ND	0.50	0.25	ug/L	1	02/17/17	MH	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Hexachlorobutadiene	ND	0.40	0.10	ug/L	1	02/17/17	MH	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	02/17/17	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Methylene chloride	ND	1.0	1.0	ug/L	1	02/17/17	MH	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	02/17/17	MH	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	2.5	ug/L	1	02/17/17	MH	SW8260C	
Toluene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C	
Total Xylenes	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	02/17/17	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	2.5	ug/L	1	02/17/17	MH	SW8260C	
Trichloroethene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C	
Vinyl chloride	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C	
<u>QA/QC Surrogates</u>									
% 1,2-dichlorobenzene-d4	98			%	1	02/17/17	MH	70 - 130 %	
% Bromofluorobenzene	93			%	1	02/17/17	MH	70 - 130 %	
% Dibromofluoromethane	97			%	1	02/17/17	MH	70 - 130 %	
% Toluene-d8	98			%	1	02/17/17	MH	70 - 130 %	
p-Ethyltoluene	ND	50	50	ug/L	1	02/17/17	MH	SW8260C TIC	
1,2,4,5-Tetramethylbenzene	ND	50	50	ug/L	1	02/17/17	MH	SW8260C TIC	
<u>Semivolatiles by SIM</u>									
2-Methylnaphthalene	ND	0.10	0.10	ug/L	1	02/17/17	DD	SW8270D (SIM)	
Acenaphthene	ND	0.10	0.10	ug/L	1	02/17/17	DD	SW8270D (SIM)	
Acenaphthylene	ND	0.10	0.10	ug/L	1	02/17/17	DD	SW8270D (SIM)	
Anthracene	ND	0.10	0.10	ug/L	1	02/17/17	DD	SW8270D (SIM)	
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	02/17/17	DD	SW8270D (SIM)	
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	02/17/17	DD	SW8270D (SIM)	
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	02/17/17	DD	SW8270D (SIM)	
Benzo(ghi)perylene	ND	0.10	0.10	ug/L	1	02/17/17	DD	SW8270D (SIM)	
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	02/17/17	DD	SW8270D (SIM)	
Chrysene	ND	0.02	0.02	ug/L	1	02/17/17	DD	SW8270D (SIM)	
Dibenz(a,h)anthracene	ND	0.01	0.01	ug/L	1	02/17/17	DD	SW8270D (SIM)	
Fluoranthene	ND	0.10	0.10	ug/L	1	02/17/17	DD	SW8270D (SIM)	
Fluorene	ND	0.10	0.10	ug/L	1	02/17/17	DD	SW8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	02/17/17	DD	SW8270D (SIM)	
Naphthalene	ND	0.10	0.10	ug/L	1	02/17/17	DD	SW8270D (SIM)	
Phenanthrene	ND	0.07	0.07	ug/L	1	02/17/17	DD	SW8270D (SIM)	
Pyrene	ND	0.10	0.10	ug/L	1	02/17/17	DD	SW8270D (SIM)	
<u>QA/QC Surrogates</u>									
% 2-Fluorobiphenyl	64			%	1	02/17/17	DD	30 - 130 %	
% Nitrobenzene-d5	75			%	1	02/17/17	DD	30 - 130 %	
% Terphenyl-d14	78			%	1	02/17/17	DD	30 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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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 Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

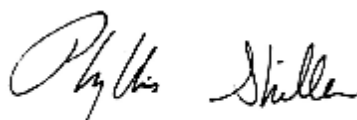
Comments:

S - Laboratory solvent, contamination is possible.

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

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PLEASE NOTE: THIS PROGRESS REPORT IS CONSIDERED PRELIMINARY DATA. THE RESULTS ENTERED HAVE NOT BEEN EXAMINED BY OUR QA/QC DEPARTMENT.



Phyllis Shiller, Laboratory Director

February 20, 2017

Official Report Release To Follow



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



Draft Progress Report

February 20, 2017

FOR: Attn: Mr. Al Jaraszewski
 GEI Consultants, Inc. P.C.
 110 Walt Whitman Rd Suite 204
 Huntington Station, NY 11746

Sample Information

Matrix: GROUND WATER
 Location Code: GEICONS
 Rush Request: 48 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date

02/16/17
 02/16/17

Time

13:10
 17:43

Laboratory Data

SDG ID: GBX70285
 Phoenix ID: BX70291

Project ID: 71NEW ST.
 Client ID: GW-3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	0.001	0.001	0.001	mg/L	1	02/17/17	MA	SW6010C
Arsenic	0.065	0.004	0.001	mg/L	1	02/17/17	LK	SW6010C
Barium	1.54	0.002	0.001	mg/L	1	02/17/17	LK	SW6010C
Beryllium	0.009	0.001	0.001	mg/L	1	02/17/17	LK	SW6010C
Cadmium	0.014	0.001	0.0005	mg/L	1	02/17/17	LK	SW6010C
Chromium	1.06	0.001	0.001	mg/L	1	02/17/17	LK	SW6010C
Copper	0.737	0.005	0.001	mg/L	1	02/17/17	LK	SW6010C
Mercury	ND	0.0002	0.00015	mg/L	1	02/17/17	RS	SW7470A
Nickel	0.512	0.001	0.001	mg/L	1	02/17/17	LK	SW6010C
Lead	0.098	0.002	0.001	mg/L	1	02/17/17	LK	SW6010C
Selenium	ND	0.010	0.01	mg/L	1	02/17/17	LK	SW6010C
Formaldehyde Prep by HPLC	Completed					02/16/17	MB/D	
Mercury Digestion	Completed					02/17/17	Q/Q	SW7470A
Semi-Volatile Extraction	Completed					02/16/17	P/D	SW3520C
Total Metals Digestion	Completed					02/16/17	AG	
Formaldehyde	120	50	25	ug/L	1	02/19/17	MH	E1667/SW8315A

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,1,1-Trichloroethane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	0.25	ug/L	1	02/17/17	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,1-Dichloroethane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	02/17/17	MH	SW8260C
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	02/17/17	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
2-Hexanone	ND	5.0	2.5	ug/L	1	02/17/17	MH	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	2.5	ug/L	1	02/17/17	MH	SW8260C
Acetone	4.7	JS 25	2.5	ug/L	1	02/17/17	MH	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	02/17/17	MH	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	02/17/17	MH	SW8260C
Bromobenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Bromodichloromethane	ND	0.50	0.25	ug/L	1	02/17/17	MH	SW8260C
Bromoform	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Bromomethane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Carbon Disulfide	ND	5.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Chlorobenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Chloroethane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Chloroform	0.30	J 1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Chloromethane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	02/17/17	MH	SW8260C
Dibromochloromethane	ND	0.50	0.25	ug/L	1	02/17/17	MH	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Hexachlorobutadiene	ND	0.40	0.10	ug/L	1	02/17/17	MH	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	02/17/17	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Methylene chloride	ND	1.0	1.0	ug/L	1	02/17/17	MH	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	02/17/17	MH	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Tetrahydrofuran (THF)	ND	2.5	2.5	ug/L	1	02/17/17	MH	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Total Xylenes	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
trans-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	02/17/17	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	2.5	ug/L	1	02/17/17	MH	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	02/17/17	MH	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	98			%	1	02/17/17	MH	70 - 130 %
% Bromofluorobenzene	93			%	1	02/17/17	MH	70 - 130 %
% Dibromofluoromethane	99			%	1	02/17/17	MH	70 - 130 %
% Toluene-d8	99			%	1	02/17/17	MH	70 - 130 %
p-Ethyltoluene	ND	50	50	ug/L	1	02/17/17	MH	SW8260C TIC
1,2,4,5-Tetramethylbenzene	ND	50	50	ug/L	1	02/17/17	MH	SW8260C TIC
<u>Semivolatiles by SIM</u>								
2-Methylnaphthalene	ND	0.10	0.10	ug/L	1	02/17/17	DD	SW8270D (SIM)
Acenaphthene	ND	0.10	0.10	ug/L	1	02/17/17	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	1	02/17/17	DD	SW8270D (SIM)
Anthracene	ND	0.10	0.10	ug/L	1	02/17/17	DD	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	02/17/17	DD	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	02/17/17	DD	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	02/17/17	DD	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.10	0.10	ug/L	1	02/17/17	DD	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	02/17/17	DD	SW8270D (SIM)
Chrysene	ND	0.02	0.02	ug/L	1	02/17/17	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.01	0.01	ug/L	1	02/17/17	DD	SW8270D (SIM)
Fluoranthene	ND	0.10	0.10	ug/L	1	02/17/17	DD	SW8270D (SIM)
Fluorene	ND	0.10	0.10	ug/L	1	02/17/17	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	02/17/17	DD	SW8270D (SIM)
Naphthalene	ND	0.10	0.10	ug/L	1	02/17/17	DD	SW8270D (SIM)
Phenanthrene	ND	0.07	0.07	ug/L	1	02/17/17	DD	SW8270D (SIM)
Pyrene	ND	0.10	0.10	ug/L	1	02/17/17	DD	SW8270D (SIM)
<u>QA/QC Surrogates</u>								
% 2-Fluorobiphenyl	67			%	1	02/17/17	DD	30 - 130 %
% Nitrobenzene-d5	80			%	1	02/17/17	DD	30 - 130 %
% Terphenyl-d14	81			%	1	02/17/17	DD	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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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 Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

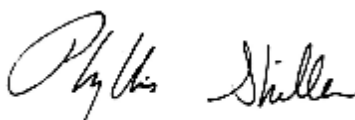
Comments:

S - Laboratory solvent, contamination is possible.

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.

PLEASE NOTE: THIS PROGRESS REPORT IS CONSIDERED PRELIMINARY DATA. THE RESULTS ENTERED HAVE NOT BEEN EXAMINED BY OUR QA/QC DEPARTMENT.



Phyllis Shiller, Laboratory Director

February 20, 2017

Official Report Release To Follow

Sample Criteria Exceedances Report

Criteria: NY: GW, SUF, TOG-SED

GBX70285 - GEICONS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BX70285	CU-SM	Copper	NY / TOGs - Sediment / Metals	72.8	0.40	33	5	mg/kg
BX70285	PB-SM	Lead	NY / TOGs - Sediment / Metals	229	4.0	33	2	mg/Kg
BX70286	AS-SM	Arsenic	NY / TOGs - Sediment / Metals	14.4	0.63	14	3	mg/Kg
BX70286	HG-SM	Mercury	NY / TOGs - Sediment / Metals	0.22	0.03	0.17	0.2	mg/Kg
BX70289	\$8100SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BX70289	\$8100SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BX70289	\$8100SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BX70289	\$8100SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BX70289	\$8100SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BX70289	\$8100SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BX70289	\$8100SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BX70289	\$8100SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BX70289	\$8100SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BX70289	\$8100SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BX70289	\$8100SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BX70289	\$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BX70289	\$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BX70289	\$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BX70289	AS-WM	Arsenic	NY / TOGS - Water Quality / GA Criteria	0.117	0.004	0.025	0.025	mg/L
BX70289	BA-WM	Barium	NY / TOGS - Water Quality / GA Criteria	1.32	0.002	1	1	mg/L
BX70289	BE-WM	Beryllium	NY / TOGS - Water Quality / GA Criteria	0.009	0.001	0.003	0.003	mg/L
BX70289	CD-WM	Cadmium	NY / TOGS - Water Quality / GA Criteria	0.012	0.001	0.005	0.005	mg/L
BX70289	CR-WM	Chromium	NY / TOGS - Water Quality / GA Criteria	0.354	0.001	0.05	0.05	mg/L
BX70289	CU-WM	Copper	NY / TOGS - Water Quality / GA Criteria	0.340	0.005	0.2	0.2	mg/L
BX70289	NI-WM	Nickel	NY / TOGS - Water Quality / GA Criteria	0.342	0.001	0.1	0.1	mg/L
BX70289	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.102	0.002	0.025	0.025	mg/L
BX70290	\$8100SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BX70290	\$8100SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BX70290	\$8100SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BX70290	\$8100SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BX70290	\$8100SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BX70290	\$8100SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BX70290	\$8100SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BX70290	\$8100SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BX70290	\$8100SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BX70290	\$8100SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BX70290	\$8100SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BX70290	\$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BX70290	\$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BX70290	\$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L

Sample Criteria Exceedances Report

Criteria: NY: GW, SUF, TOG-SED

GBX70285 - GEICONS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BX70290	AS-WM	Arsenic	NY / TOGS - Water Quality / GA Criteria	0.117	0.004	0.025	0.025	mg/L
BX70290	BA-WM	Barium	NY / TOGS - Water Quality / GA Criteria	1.55	0.002	1	1	mg/L
BX70290	BE-WM	Beryllium	NY / TOGS - Water Quality / GA Criteria	0.012	0.001	0.003	0.003	mg/L
BX70290	CD-WM	Cadmium	NY / TOGS - Water Quality / GA Criteria	0.014	0.001	0.005	0.005	mg/L
BX70290	CR-WM	Chromium	NY / TOGS - Water Quality / GA Criteria	0.474	0.001	0.05	0.05	mg/L
BX70290	CU-WM	Copper	NY / TOGS - Water Quality / GA Criteria	0.400	0.005	0.2	0.2	mg/L
BX70290	NI-WM	Nickel	NY / TOGS - Water Quality / GA Criteria	0.340	0.001	0.1	0.1	mg/L
BX70290	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.103	0.002	0.025	0.025	mg/L
BX70291	\$8100SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BX70291	\$8100SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BX70291	\$8100SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BX70291	\$8100SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BX70291	\$8100SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BX70291	\$8100SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BX70291	\$8100SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BX70291	\$8100SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BX70291	\$8100SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BX70291	\$8100SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BX70291	\$8100SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BX70291	\$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BX70291	\$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BX70291	\$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BX70291	AS-WM	Arsenic	NY / TOGS - Water Quality / GA Criteria	0.065	0.004	0.025	0.025	mg/L
BX70291	BA-WM	Barium	NY / TOGS - Water Quality / GA Criteria	1.54	0.002	1	1	mg/L
BX70291	BE-WM	Beryllium	NY / TOGS - Water Quality / GA Criteria	0.009	0.001	0.003	0.003	mg/L
BX70291	CD-WM	Cadmium	NY / TOGS - Water Quality / GA Criteria	0.014	0.001	0.005	0.005	mg/L
BX70291	CR-WM	Chromium	NY / TOGS - Water Quality / GA Criteria	1.06	0.001	0.05	0.05	mg/L
BX70291	CU-WM	Copper	NY / TOGS - Water Quality / GA Criteria	0.737	0.005	0.2	0.2	mg/L
BX70291	NI-WM	Nickel	NY / TOGS - Water Quality / GA Criteria	0.512	0.001	0.1	0.1	mg/L
BX70291	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.098	0.002	0.025	0.025	mg/L

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

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

Coolant: Yes No
 IPK ICE

Temp 5 °C Pg of

Contact Options:

Fax
 Phone
 Email

Customer: GEL Consultants
 Address: 110 W. W Rd
Huntington Station NY

Project: 72 New St
 Report to: A J JARASZEWSKI
 Invoice to: " "

Project P.O.:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification
 Sampler's Signature: J Pollut Date: 2/16/17

Matrix Code:
 DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe
 OIL=Oil B=Bulk L=Liquid

Analysis Request

*CP-51 Table 3
 SCDS Part 129.95
 Plus Formaldehyde*

*302 amber
 Soil: VOA by air 4
 GL Soil container 4
 GL Spill container 8
 45 ml VOA Vial 8
 GL amber 100ml 1 as is H₂O
 PL As is 1250ml 1 as is H₂O
 PL H2SO4 1 250ml 1 800ml 1 1000ml
 PL HNO3 250ml 1 500ml
 PL NaOH 250ml
 Bacteria Bottle*

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled															
70285	Ext Floor Drain S	S	2/16/17	0845	X														
70286	SB-1 12-14			0935	X														
70287	SB-2 13-15			1105	X	X													
70288	SB-5 13-15			1300	X														
70289	GW-1	GW		1000	X														
70290	GW-2			1130	X														
70291	GW-3			1310	X														

Relinquished by: J Pollut Accepted by: [Signature]
 Date: 2-16-17 Time: 13:45

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
 TAGM 4048 GW
 TAGM 4048 SOIL
 NY375 Unrestricted Use Soil
 NY375 Residential Soil
 Restricted/Residential
 Commercial
 Industrial

Data Format
 Phoenix Std Report
 Excel
 PDF
 GIS/Key
 EQulS
 NJ HazMat EDD
 NY EZ EDD (ASP)
 Other

Comments, Special Requirements or Regulations:

State where samples were collected: _____

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

Linda Chapman

From: Michael Lapman
Sent: Monday, February 20, 2017 8:46 AM
To: Linda Chapman
Subject: FW: 72 New St

Linda:

Please see the below from Stephanie. can you please revise? Thank you.

Regards,
Michael Lapman
Phoenix Environmental Laboratories, Inc.
587 East Middle Turnpike
Manchester, CT 06040
Direct Line: 917.449.0850
Laboratory: 860.812.0086
www.phoenixlabs.com



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From: "Pollert, Stephanie" <spollert@geiconsultants.com>
Date: Monday, February 20, 2017 at 8:42 AM
To: Michael Lapman <michael@phoenixlabs.com>
Cc: "Jaroszewski, Albert" <AJaroszewski@geiconsultants.com>
Subject: FW: 72 New St

Good Morning Michael,

It looks like there was a mistake on the COC for this project. The Site address is 71 New Street, not 72. Can we have that corrected?

Sorry for the inconvenience.

Stephanie



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

Draft Progress Report

March 29, 2017

FOR: Attn: Mr. Al Jaraszewski
 GEI Consultants, Inc. P.C.
 110 Walt Whitman Rd Suite 204
 Huntington Station, NY 11746

Sample Information

Matrix: SOIL
 Location Code: GEICONS
 Rush Request: 72 Hour
 P.O.#: 1700841

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date Time
 03/24/17 8:50
 03/24/17 17:29

Laboratory Data

SDG ID: GBX93862
 Phoenix ID: BX93862

Project ID: 1700841 71 NEW ST.
 Client ID: DS1 4-6

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	87		%		03/24/17	Q	SW846-%Solid
Formaldehyde Prep for HPLC	Completed				03/27/17	MBJ/D	
TCLP Extraction for Formaldehyde	Completed				03/25/17	W	SW1311
Formaldehyde	5300	2300	ug/kg	1	03/29/17	MH	SW8315A

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

Comments:

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

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

PLEASE NOTE: THIS PROGRESS REPORT IS CONSIDERED PRELIMINARY DATA. THE RESULTS ENTERED HAVE NOT BEEN EXAMINED BY OUR QA/QC DEPARTMENT.

Phyllis Shiller, Laboratory Director

March 29, 2017

Official Report Release To Follow



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

Draft Progress Report

March 29, 2017

FOR: Attn: Mr. Al Jaraszewski
 GEI Consultants, Inc. P.C.
 110 Walt Whitman Rd Suite 204
 Huntington Station, NY 11746

Sample Information

Matrix: SOIL
 Location Code: GEICONS
 Rush Request: 72 Hour
 P.O.#: 1700841

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date Time
 03/24/17 9:10
 03/24/17 17:29

Laboratory Data

SDG ID: GBX93862
 Phoenix ID: BX93863

Project ID: 1700841 71 NEW ST.
 Client ID: DS1 10-12

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	86		%		03/24/17	Q	SW846-%Solid
Formaldehyde Prep for HPLC	Completed				03/27/17	MBJ/D	
TCLP Extraction for Formaldehyde	Completed				03/25/17	W	SW1311
Formaldehyde	6700	2300	ug/kg	1	03/29/17	MH	SW8315A

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

Comments:

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Phyllis Shiller, Laboratory Director

March 29, 2017

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

Draft Progress Report

March 29, 2017

FOR: Attn: Mr. Al Jaraszewski
 GEI Consultants, Inc. P.C.
 110 Walt Whitman Rd Suite 204
 Huntington Station, NY 11746

Sample Information

Matrix: SOIL
 Location Code: GEICONS
 Rush Request: 72 Hour
 P.O.#: 1700841

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date Time
 03/24/17 9:30
 03/24/17 17:29

Laboratory Data

SDG ID: GBX93862
 Phoenix ID: BX93864

Project ID: 1700841 71 NEW ST.
 Client ID: DS2 4-6

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	95		%		03/24/17	Q	SW846-%Solid
Formaldehyde Prep for HPLC	Completed				03/27/17	MBJ/D	
TCLP Extraction for Formaldehyde	Completed				03/25/17	W	SW1311
Formaldehyde	8200	2100	ug/kg	1	03/29/17	MH	SW8315A

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

Comments:

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Phyllis Shiller, Laboratory Director

March 29, 2017

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

Draft Progress Report

March 29, 2017

FOR: Attn: Mr. Al Jaraszewski
 GEI Consultants, Inc. P.C.
 110 Walt Whitman Rd Suite 204
 Huntington Station, NY 11746

Sample Information

Matrix: SOIL
 Location Code: GEICONS
 Rush Request: 72 Hour
 P.O.#: 1700841

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date Time
 03/24/17 9:40
 03/24/17 17:29

Laboratory Data

SDG ID: GBX93862
 Phoenix ID: BX93865

Project ID: 1700841 71 NEW ST.
 Client ID: DS2 10-12

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	94		%		03/24/17	Q	SW846-%Solid
Formaldehyde Prep for HPLC	Completed				03/27/17	MBJ/D	
TCLP Extraction for Formaldehyde	Completed				03/25/17	W	SW1311
Formaldehyde	ND	2100	ug/kg	1	03/29/17	MH	SW8315A

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

Comments:

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Phyllis Shiller, Laboratory Director
March 29, 2017
Official Report Release To Follow



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

Draft Progress Report

March 29, 2017

FOR: Attn: Mr. Al Jaraszewski
 GEI Consultants, Inc. P.C.
 110 Walt Whitman Rd Suite 204
 Huntington Station, NY 11746

Sample Information

Matrix: SOIL
 Location Code: GEICONS
 Rush Request: 72 Hour
 P.O.#: 1700841

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date Time
 03/24/17 10:30
 03/24/17 17:29

Laboratory Data

SDG ID: GBX93862
 Phoenix ID: BX93866

Project ID: 1700841 71 NEW ST.
 Client ID: DS3 4-6

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	95		%		03/24/17	Q	SW846-%Solid
Formaldehyde Prep for HPLC	Completed				03/27/17	MBJ/D	
TCLP Extraction for Formaldehyde	Completed				03/25/17	W	SW1311
Formaldehyde	7800	2100	ug/kg	1	03/29/17	MH	SW8315A

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

Comments:

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Phyllis Shiller, Laboratory Director

March 29, 2017

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

Draft Progress Report

March 29, 2017

FOR: Attn: Mr. Al Jaraszewski
 GEI Consultants, Inc. P.C.
 110 Walt Whitman Rd Suite 204
 Huntington Station, NY 11746

Sample Information

Matrix: SOIL
 Location Code: GEICONS
 Rush Request: 72 Hour
 P.O.#: 1700841

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date Time
 03/24/17 10:40
 03/24/17 17:29

Laboratory Data

SDG ID: GBX93862
 Phoenix ID: BX93867

Project ID: 1700841 71 NEW ST.
 Client ID: DS3 10-12

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	95		%		03/24/17	Q	SW846-%Solid
Formaldehyde Prep for HPLC	Completed				03/27/17	MBJ/D	
TCLP Extraction for Formaldehyde	Completed				03/25/17	W	SW1311
Formaldehyde	4500	2100	ug/kg	1	03/29/17	MH	SW8315A

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

March 29, 2017

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Sample Criteria Exceedances Report

GBX93862 - GEICONS

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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*** No Data to Display ***

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



NY/NJ CHAIN OF CUSTODY RECORD



PHOENIX

Environmental Laboratories, Inc.

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Contact Options:

Fax:
Phone:
Email:

Customer: GEI Consultants Project P.O.: 1700841
Address: 115 West Whitman Rd Report to: Al Juraszewski
Huntington St. NY Invoice to: it

This section **MUST** be completed with **Bottle Quantities.**

Client Sample - Information - Identification

Sampler's Signature: A. Pollock Date: 3/24/17

Matrix Code: DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe
OIL=Oil B=Bulk L=Liquid

Analysis Request
Formaldehyde

GL VOA Vals [methanol] [H2O]	
GL Soil container () oz	
40 mL VOA Vial [As] [HCl]	
GL VOA Vial [As] [HCl]	
PL As Is [250ml] [500ml] [1000ml]	
PL H2SO4 [250ml] [500ml] [1000ml]	
PL HNO3 250ml	
PL NaOH 250ml	
Bacteria Bottle	

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
93800	DS1 4-6	S	3/24/17	0850
93803	DS1 10-12			0910
93804	DS2 4-6			0930
93805	DS2 10-12			0940
93800	DS3 4-6			1030
93807	DS3 10-12			1040

Relinquished by: A. Pollock Accepted by: [Signature]
[Signature] Date: 3-24-17 Time: 13:30
3:24 17:00

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 TAGM 4046 GW
TAGM 4046 SOIL
NY375 Unrestricted Use Soil
NY375 Residential Soil
Restricted/Residential
Commercial
Industrial

Data Format: Phoenix Std Report Excel PDF GIS/Key EQUIS NJ Hazsite EDD NY EZ EDD (ASP) Other _____

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

State where samples were collected: NY