G. C. Environmental, Inc.
CONSULTANTS CONTRACTORS

September 7, 2016

Mr. Dean Devoe, P. E.
Willets Point Holdings, LLC
127-50 Northern Boulevard
Flushing, New York 11368

Subject: Tank Cleaning & Tank Closure Site Assessment
46-81 Metropolitan Avenue
Maspeth, NY 11385
GCE Project No. 16-080-00
GCE Proposal No. 16090

Dear Mr. Devoe:

Enclosed please find the Tank Cleaning & Tank Closure Site Assessment Report prepared by G. C. Environmental, Inc. (GCE) for the subject Property.

If you have any questions concerning this project, please feel free to call me at (631) 206-3700 ext 111.

Very truly yours,

Gregory Collins
President

Enclosures:

G. C. Environmental, Inc.

TANK CLEANING & TANK CLOSURE SITE ASSESSMENT REPORT

OF

46-81 METROPOLITAN AVENUE
MASPETH, NY 11385

PREPARED FOR:

WILLETS POINT HOLDINGS, LLC
127-50 NORTHERN BOULEVARD,
FLUSHING, NEW YORK 11368
ATTN.: MR. DEAN DEVOE

DATE ISSUED: SEPTEMBER 7, 2016

GCE PROJECT NUMBER: 16-080-00

G. C. Environmental, Inc. is pleased to provide this "Tank Cleaning & Tank Closure Site Assessment Report" for the property located at 46-81 Metropolitan Ave., Maspeth, NY 11385, NY (the "Subject Site").

Purpose

The purpose of this report is to document cleaning of one 4,000-gallon capacity gasoline containing underground storage tank (UST), and tank closure assessment for the one 4,000-gallon capacity gasoline containing and two 4,000-gallon capacity diesel containing underground storage tanks (USTs), located on the southern exterior portion of the Subject Site and is to determine the subsurface conditions that may have been impacted from a release associated with these tanks. The two diesel tanks were emptied of product by others.

Site Description

The Site consists of approximately 196,020 acres parcel of irregular shaped of land improved with 11,000 square feet of multi-bay garage and 7,500 square feet of office space areas located in an industrial area of Queens, New York and utilized as a truck/bus terminal. The Subject Site is bounded to the north by Newtown Creek, to the south by Metropolitan Avenue, to the east by commercial facilities, to the west by commercial/industrial facilities. The USTs` location was identified as on the southern exterior portion of the Subject Site (Please, refer to Figure 1 - Site Locus Map).

Background Information

On April 25, 2014 a tank tightness test was performed by Dry As a Bone, Inc. from Rockville Center, NY. The one 4,000-gallon capacity gasoline containing and two 4,000-gallon capacity diesel containing underground storage tank system passed the tightness test (Please, refer Appendix E - Tank Test Results).

On July 14, 2016, New York State Department of Environmental Conservation (NYSDEC) was notified of an oil spill based on observations during borings at the three 4,000-gallon underground storage tanks at the Subject Site. Based on the New York State Department of Environmental Conservation (NYSDEC) Spill Incident Database Search Details report, on July 14, 2016 (Appendix F), unknown amount of oil was spilled and NYSDEC Spill Number 1603691 was assigned to the Site.

Tank Cleaning Activity

On July 14, 2016, the 4,000-gallon gasoline tank at the Subject Site was cleaned by utilizing a Vactor truck. Based on the provided information by the client and conducted stick test, the volume of the remaining gasoline product in the tank was determined as approximately 3 inches.

The existing product was pumped out through the tank openings by utilizing a Vactor truck.

Upon completion of pumping, the tank and its associated piping were pressure washed out with cleaning solution. Approximately 265-gallon gasoline & water waste liquid was legally disposed of (Please, refer to Appendix D - Waste Manifest).

Subsurface Investigation

On July 14, 2016 GCE performed a Tank Closure Site Assessment at the Site, around the UST, by installing eight (8) continuous soil borings (SB-1 through SB-8) by utilizing Geoprobe Direct Push Drilling method (Geoprobe® 6610DT), to a depth of approximately ten (10) feet below ground surface (down gradient of the UST); SB-1 and SB-2 were performed at the western portion of the UST location, SB-3 and SB-4 at the northern portion of the UST location, SB-5 and SB-6 at the eastern portion of the UST location and SB-7 and SB-8 at the southern portion of the UST location to determine the subsurface conditions around the UST system (Please, refer to Figure 2-Site Map). Prior to commencement of the work, GCE arranged for a public and private underground utility mark out to be performed at the Site.

Soil Sampling

On July 14, 2016 eight (8) continuous soil borings (SB-1 through SB-8) were performed utilizing a Geoprobe sampler, and were terminated at a depth of approximately ten (10) feet bgs. In total, eight discrete subsurface soil samples were collected at intervals (indicated in the table included below) until the desired depth or groundwater is encountered (whichever is first). Soil cores were collected in five-foot long, two-inch diameter, stainless steel macrocore piston rod samplers fitted with an internal acetate liner from SB-1 through SB-8.

The soil samples were visually classified and logged by the onsite GCE`s geologist for soil characterization purposes. The samples with the highest impact with PID, visual, and olfactory signs of contamination were sent to the lab according to the scope of work. During the sampling, moderate visual and/or olfactory signs of contamination were detected in all soil samples except for SB-4 which were more pronounced. Laboratory obtained glassware was used for the soil samples and consisted of the following:

- Volatile Organic Compounds (VOCs) (CP-51 List) - one (1) 4-ounce glass jar equipped with Teflon lined lid per sample and three (3) 40 ml vials with water and preserved with methanol with teflon lined lid per sample.

- Semi-Volatile Organic Compounds/Base Neutrals (B/Ns) (CP-51 List) - one (1) 4-ounce glass jar equipped with a teflon lined lid per sample.

Soil samples were placed into glass containers equipped with a teflon lined lid for soils. The quantity of soil was split as follows: the head space of the 4-oz glass container was allowed to develop and was subsequently field screened for the presence of total VOCs using MultiRAE systems portable photoionization detector (PID) with a 10.6 e.V. lamp, calibrated for isobutylene standards. The following soil samples were collected:

Phoenix Sample ID	Field Logged	Depth, Feet below grade	PID Readings, Parts Per Million (ppm)
BN74165	SB-1	10	5.0
BN74166	SB-2	10	3.0
BN74167	SB-3	10	3.0
BN74168	SB-4	10	33.0
BN74169	SB-5	10	4.0
BN74170	SB-6	10	4.0
BN74171	SB-7	10	5.0
BN74172	SB-8	10	5.0

The above soil samples were collected and submitted under a chain-of-custody protocol to the Phoenix Environmental Laboratories, Manchester, Connecticut, a New York State ELAP-approved laboratory. Soil samples were collected from SB-1 through SB-8 locations (field logged as: SB-1 (5-10 ft), SB-2 (5-10 ft), SB-3 (5-10 ft), SB-4 (5-10 ft), SB-5 (5-10 ft), SB-6 (8-12ft), SB-7 (5-10 ft) and SB-8 (5-10 ft)). Collected soil samples were analyzed for the presence of VOCs using EPA Method 8260, B/Ns using EPA Method 8270 according to the *New York State Department Environmental Conservation (NYSDEC) CP-51 Soil Cleanup Guidance Policy* (Regulatory Standards) (Please refer to Appendix B - for Boring Logs and Figure 2 - Property Map).

Groundwater Sampling

On July 14, 2016, one (1) soil boring (SB-4) was converted into temporary groundwater monitoring well (TGMW) and groundwater sample was collected. The TGMW was installed utilizing a Geoprobe, and was terminated at a depth of up to ten (10) feet bgs. A subsurface groundwater sample was collected at the ground water interface. During the groundwater sampling, well development was conducted using surge and pump methods. Approximately 2-3 casings of well water were purged using dedicated disposable tubing from the TGMW. The ground water sample was visually classified and logged by the onsite GCE geologist for groundwater characterization purposes. Laboratory obtained glassware and plastic bottle was used for the groundwater sample and consisted of the following:

- Volatile Organic Compounds (VOCs) - three (3) 40 ml vials preserved with HCL equipped with teflon lined lid per sample;

- Semi-Volatile Organic Compounds Base Neutrals (B/Ns) - one (1) 1000 ml amber glass bottle equipped with a teflon lined lid per sample;

- 8 RCRA Metals dissolved - one (1) 250 ml plastic bottle no preservative.

Groundwater sample from the TGMW was placed into glass containers equipped with teflon lined lids and plastic containers. The following groundwater sample was collected:

Phoenix Sample ID	Field Logged	Depth, Feet below grade	PID Readings, Parts Per Million (ppm)
BN74173	(SB-4) GW-1	8	30

The groundwater sample was analyzed for the presence of VOCs using EPA Method 8260, B/Ns using EPA Method 8270 and 8 RCRA Metals using EPA Method 6010/7000 as described in our scope of work (Please refer to Appendix B - for Boring Logs and Figure 2-Property Map).

Soil & Groundwater Sample Results

SB-1: The concentration of VOCs in sample SB-1 namely Naphthalene (420 ug/kg) was detected below *NYSDEC-CP-51 Soil Cleanup Guidance Policy* criteria of 12,000 ug/l for Naphthalene.

The concentrations of SVOCs in sample SB-1 namely Benz(a) anthracene (2,000 ug/kg), Benzo(a) pyrene (1,500 ug/kg), Benzo(b)fluoranthene (1,100 ug/kg), Benzo(k)fluoranthene (1,100 ug/kg), Chrysene (2,100 ug/kg) and Indeno (1,2,3-cd)pyrene (790 ug/kg) were detected above *NYSDEC-CP-51 Soil Cleanup Guidance Policy* criteria of 1,000 ug/kg for Benz(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene and Chrysene; 800 ug/kg for Benzo(k)fluoranthene; 500 ug/kg for Indeno(1,2,3-cd)pyrenewere. The concentrations of SVOCs in sample SB-1 namely Acenaphthene (700 ug/kg), Anthracene (1,800 ug/kg), Benzo (ghi)perylene (780 ug/kg), Fluoranthene (4,800 ug/kg), Fluorene (1,200 ug/kg), Naphthalene (770 ug/kg), Phenanthrene (7,800 ug/kg), Pyrene (5,000 ug/kg) were detected below *NYSDEC-CP-51 Soil Cleanup Guidance Policy*.

The remaining compounds (other than listed above) of VOCs and SVOCs in sample SB-1 were either not detected or detected at trace levels of *NYSDEC-CP-51 Soil Cleanup Guidance Policy*.

SB-2:

The VOCs in sample SB-2 were either not detected or detected at trace levels of *New York State Department of Environmental Conservation-(NYSDEC) CP-51 Soil Cleanup Guidance Policy*.

The concentrations of SVOCs in sample SB-2 namely Benzo(a)pyrene (280 ug/kg), Fluoranthene (480 ug/kg), Phenanthrene (410 ug/kg) and Pyrene (390 ug/kg) were detected below *NYSDEC-CP-51 Soil Cleanup Guidance Policy* criteria of 1,000 ug/kg for Benzo(a)pyrene, 100,000 ug/kg for Fluoranthene, Phenanthrene and Pyrene.

The remaining compounds (other than listed above) of VOCs and SVOCs in sample SB-2 were either not detected or detected at trace levels of *NYSDEC-CP-51 Soil Cleanup Guidance Policy*.

SB-3: The concentration of VOCs in sample SB-3 namely Methyl t-Butyl Ether (MTBE) (4.7 ug/kg) was detected below *NYSDEC-CP-51 Soil Cleanup Guidance Policy*.

The SVOCs in sample SB-3 were either not detected or detected at trace levels of *New York State Department of Environmental Conservation-(NYSDEC) CP-51 Soil Cleanup Guidance Policy*.

The remaining compounds (other than listed above) of VOCs and SVOCs in sample SB-3 were either not detected or detected at trace levels of *NYSDEC-CP-51 Soil Cleanup Guidance Policy*.

SB-4: The concentrations of VOCs in sample SB-4 namely 1,2,4-Trimethylbenzene (4,000 ug/kg) and total Xylenes (1,000 ug/kg) were detected above *NYSDEC-CP-51 Soil Cleanup Guidance Policy* criteria of 3,600 ug/kg for 1,2,4-Trimethylbenzene and 260 ug/kg for total Xylenes. The concentrations of VOCs namely 1,3,5-Trimethylbenzene (1,300 ug/kg), m&p-Xylene (1,000 ug/kg), Naphthalene (1,600 ug/kg), n-Butylbenzene (1,100 ug/kg), n-Propylbenzene (590 ug/kg), p-Isopropyltoluene (450 ug/kg) and sec-Butylbenzene (600 ug/kg) were detected below *NYSDEC-CP-51 Soil Cleanup Guidance Policy*.

The SVOCs in sample SB-4 were either not detected or detected at trace levels of *New York State Department of Environmental Conservation-(NYSDEC) CP-51 Soil Cleanup Guidance Policy*.

The remaining compounds (other than listed above) of VOCs and SVOCs in sample SB-4 were either not detected or detected at trace levels of *NYSDEC-CP-51 Soil Cleanup Guidance Policy*.

SB-5: The concentration of VOCs in sample SB-5 namely total Xylenes (492 ug/kg) was detected above *NYSDEC-CP-51 Soil Cleanup Guidance Policy* criteria of 260 ug/kg for total Xylenes. The concentrations of VOCs in sample SB-5 namely 1,2,4-Trimethylbenzene (2,100 ug/kg), 1,3,5-Trimethylbenzene (850 ug/kg), Ethylbenzene (41 ug/kg), Isopropyl benzene (74 ug/kg), m&p-Xylene (450 ug/kg), Naphthalene (600 ug/kg), n-Butylbenzene(350 ug/kg), n-Propylbenzene (320 ug/kg), p-Isopropyltoluene (220 ug/kg), sec-Butylbenzene (240 ug/kg) and tert-Butylbenzene (10 ug/kg) were detected below *NYSDEC-CP-51 Soil Cleanup Guidance Policy*.

The concentrations of SVOCs in sample SB-5 namely Fluoranthene (330 ug/kg), Phenanthrene (470 ug/kg), and Pyrene (300 ug/kg) were detected below *NYSDEC-CP-51 Soil Cleanup Guidance Policy*.

The remaining compounds (other than listed above) of VOCs and SVOCs in sample SB-5 were either not detected or detected at trace levels of *NYSDEC-CP-51 Soil Cleanup Guidance Policy*.

SB-6:

The VOCs in sample SB-6 were either not detected or detected at trace levels of *New York State Department of Environmental Conservation-(NYSDEC) CP-51 Soil Cleanup Guidance Policy*.

The concentrations of SVOCs in sample SB-6 namely Benz(a) anthracene (470 ug/kg) and Chrysene (500 ug/kg) were detected above *NYSDEC-CP-51 Soil Cleanup Guidance Policy*

criteria of 1,000 ug/l for Benz(a) anthracene and Chrysene in sample SB-6. The concentrations of SVOCs namely Benzo(a) pyrene (410 ug/kg), Benzo(b)fluoranthene (390 ug/kg), Benzo(k)fluoranthene (380 ug/kg), Fluoranthene (800 ug/kg), Phenanthrene (580 ug/kg) and Pyrene (700 ug/kg) were detected below *NYSDEC-CP-51 Soil Cleanup Guidance Policy*.

The remaining compounds (other than listed above) of VOCs and SVOCs in sample SB-6 were either not detected or detected at trace levels of *NYSDEC-CP-51 Soil Cleanup Guidance Policy*.

SB-7:

The concentrations of VOCs in sample SB-7 namely total Xylenes (270 ug/kg) was detected above *NYSDEC-CP-51 Soil Cleanup Guidance Policy* criteria of 260 ug/kg for total Xylenes. The concentrations of VOCs namely m&p-Xylene (270 ug/kg) and Naphthalene (540 ug/kg) were detected below *NYSDEC-CP-51 Soil Cleanup Guidance Policy*.

The concentrations of SVOCs in sample SB-7 namely Benz(a) anthracene (2,400 ug/kg), Benzo(a) pyrene (2,000 ug/kg), Benzo(b)fluoranthene (1,900 ug/kg), Benzo(k)fluoranthene (1,800 ug/kg), Chrysene (2,400 ug/kg) and Indeno(1,2,3-cd)pyrene (1,000 ug/kg) were detected above *NYSDEC-CP-51 Soil Cleanup Guidance Policy* criteria of 1,000 ug/l for Benz(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene and Chrysene; 800 ug/l for Benzo(k)fluoranthene; 500 ug/kg for Indeno(1,2,3-cd)pyrene. The concentrations of SVOCs in sample SB-7 namely Acenaphthene (1,900 ug/kg), Anthracene (2,100 ug/kg), Benzo(ghi)perylene (820 ug/kg), Dibenz(a,h)anthracene (320 ug/kg), Fluoranthene (5,500 ug/kg), Fluorene (2,000 ug/kg), Phenanthrene (6,500 ug/kg) and Pyrene (5,100 ug/kg) were detected below *NYSDEC-CP-51 Soil Cleanup Guidance Policy.*

The remaining compounds (other than listed above) of VOCs and SVOCs in sample SB-7 were either not detected or detected at trace levels of *NYSDEC-CP-51 Soil Cleanup Guidance Policy*.

SB-8:

The concentrations of VOCs in sample SB-8 namely Isopropyl benzene (2.3 ug/kg), m&p-Xylene (13 ug/kg), Naphthalene (4.8 ug/kg), n-Butylbenzene (5 ug/kg), n-Propylbenzene (2.4 ug/kg), o-Xylene (5 ug/kg), sec-Butylbenzene (3 ug/kg) and Total Xylenes (18 ug/kg) were detected below *NYSDEC-CP-51 Soil Cleanup Guidance Policy.*

The concentrations of SVOCs in sample SB-8 namely Benz(a) anthracene (880 ug/kg), Chrysene (920 ug/kg) and Indeno(1,2,3-cd)pyrene (530 ug/kg) were detected above *NYSDEC-CP-51 Soil Cleanup Guidance Policy* criteria of 1,000 ug/kg for Benz(a)anthracene and Chrysene and 500 ug/kg for Indeno(1,2,3-cd)pyrene. The concentrations of SVOCs in sample SB-8 namely Anthracene (330 ug/kg), Benzo(a)pyrene (870 ug/kg), Benzo(b)fluoranthene (860 ug/kg), Benzo(ghi)perylene (450 ug/kg), Benzo(k)fluoranthene (780 ug/kg), Fluoranthene (1,500 ug/kg), Phenanthrene (1,100 ug/kg) and Pyrene (1,300 ug/kg) were detected below *NYSDEC-CP-51 Soil Cleanup Guidance Policy.*

The remaining compounds (other than listed above) of VOCs and SVOCs in sample SB-8 were either not detected or detected at trace levels of *NYSDEC-CP-51 Soil Cleanup Guidance Policy*.

(Please refer to Table 1 - Summary of Detected Compounds-Soil and Appendix C-Laboratory Analytical Report).

SB-4 (GW-1):

The concentrations of Metals in sample GW-1 namely Arsenic (0.075 mg/l) and Selenium (0.049 mg/l) were detected above *New York State Department of Environmental Conservation (NYSDEC)-Technical & Operational Guidance Series (TOGS) Ambient Water Quality Standards* criteria of 0.025 mg/l for Arsenic and 0.01 mg/l for Selenium.

The concentrations of Metals in sample GW-1 namely Barium (0.026 mg/l), Chromium (0.003 mg/l), Lead (0.01mg/l) were detected below *New York State Department of Environmental Conservation (NYSDEC)-Technical & Operational Guidance Series (TOGS) Ambient Water Quality Standards* criteria of 1 mg/l for Barium; 0.05 mg/l for Chromium and 0.025 mg/l for Lead.

The concentrations of VOCs in sample GW-1 namely 1,2,4-Trimethylbenzene (220 ug/l), 1,3,5-Trimethylbenzene (56 ug/l), Benzene (31 ug/l), Ethylbenzene (57 ug/l), Isopropylbenzene (14 ug/l), Naphthalene (50 ug/l), n-Propylbenzene (26 ug/l), o-Xylene (82 ug/l), Toluene (110 ug/l) and Total Xylenes (242 ug/l) were detected above *New York State Department of Environmental Conservation (NYSDEC)-Technical & Operational Guidance Series (TOGS) Ambient Water Quality Standard* criteria of 5 ug/l for 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Ethylbenzene, Isopropylbenzene, n-Propylbenzene, o-Xylene, Toluene, Total Xylenes; 1 ug/l for Benzene and 10 ug/l for Naphthalene. The concentrations of VOCs in sample GW-1 namely m&p-Xylene (160 ug/l) was detected below *New York State Department of Environmental Conservation (NYSDEC)-Technical & Operational Guidance Series (TOGS) Ambient Water Quality Standards*.

The concentrations of SVOCs in sample GW-1 namely 2-Methylnaphthalene (140 ug/l) and Naphthalene (60 ug/l) were detected above *New York State Department of Environmental Conservation (NYSDEC)-Technical & Operational Guidance Series (TOGS) Ambient Water Quality Standards* criteria of 50 ug/l for 2-Methylnaphthalene and 10 ug/l for Naphthalene.

The remaining compounds (other than listed above) of VOCs, SVOCs and Metals in sample GW-1 were either not detected or detected at trace levels of *New York State Department of Environmental Conservation (NYSDEC)-Technical & Operational Guidance Series (TOGS) Ambient Water Quality Standards*.

(Please refer to Table 2 - Summary of Detected Compounds - Soil and Appendix C - Laboratory Analytical Report).

Conclusion and Recommendation

On July 14, 2016 GCE performed a Tank Closure Site Assessment at the Site, around the UST, by installing eight (8) continuous soil borings (SB-1 through SB-8) by utilizing Geoprobe Direct Push Drilling method (Geoprobe® 6610DT), to a depth of approximately ten (10) feet below ground surface (down gradient of the UST) and a total of eight soil (discrete) samples and one groundwater sample were collected from the above listed borings and submitted under a chain-of-custody protocol to the Phoenix Environmental Laboratories, a New York State ELAP-approved laboratory.

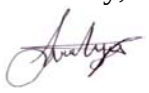
The 4,000-gallon gasoline tank cleaning was performed at the Subject Site by using a Vactor truck and pressure washer. Waste liquid was disposed of according to the applicable regulations.

Due to several elevated compounds and visual and olfactory impacts that were found in all samples around the UST location (SB-1 through SB-8), delineation of the impacted soil should be performed to determine the extent of the contamination and impacted soil should be remediated according to the NYSDEC DER 10 Technical Guidance at this location.

However, since the source of the contamination is unknown and the present storage tanks have not been in active use since the last passing tightness test in 2014, the storage tanks should be excavated and removed to aid in determining if the source of the contamination emanated from the USTs.

Feel free to contact me at (631) 206-3700, if you have any questions or concerns.

Sincerely,



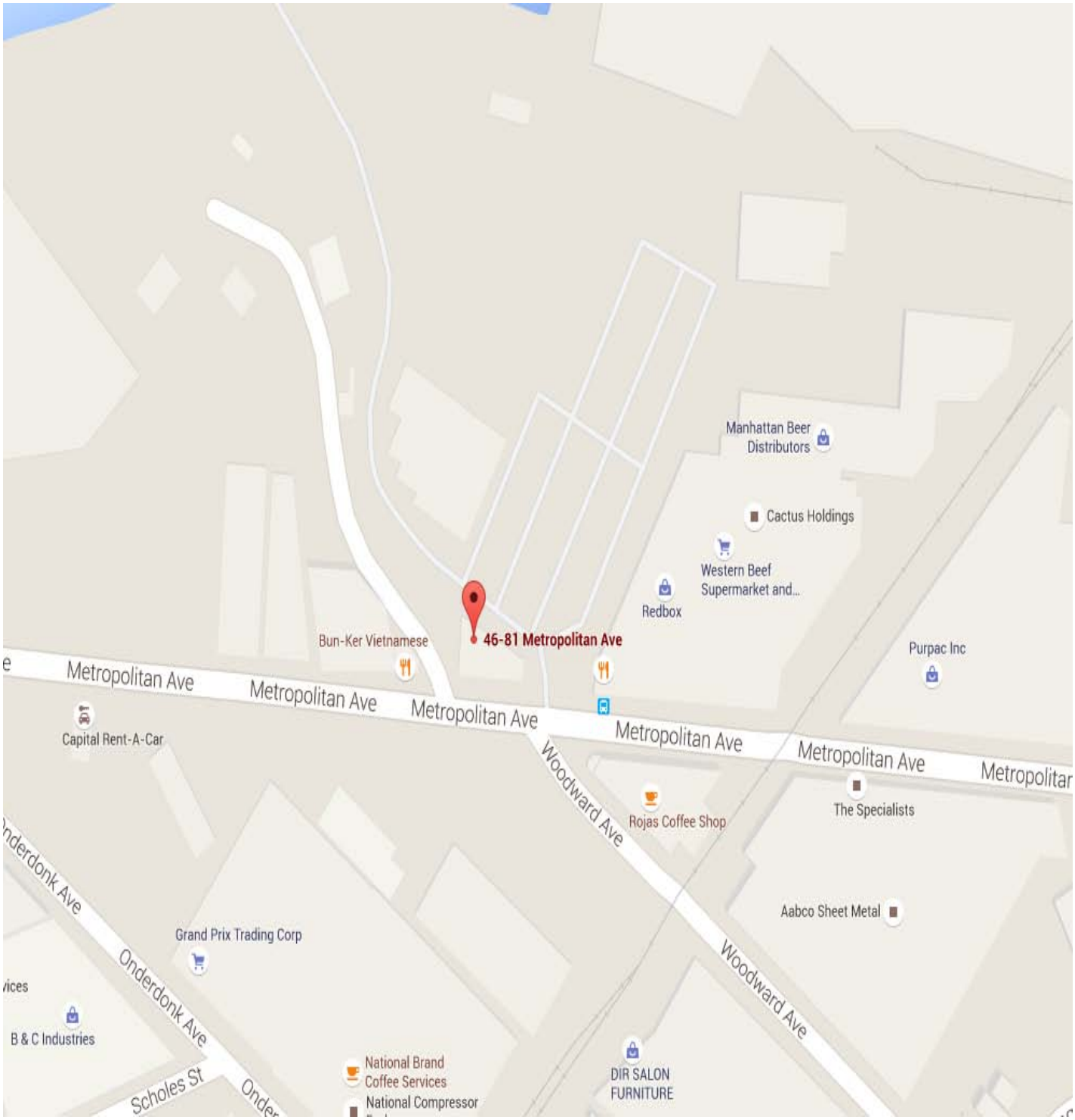
Fulya Toylular
Environmental Scientist

Enclosures:

Figure 1-3:
- Figure 1: Site Locus Map
- Figure 2: Site Map
- Figure 3: Site Water Table Map

Appendixes A-F:
- Appendix A: Photolog
- Appendix B: Boring Logs
- Appendix C: Lab Analytical Results
- Appendix D: Waste Manifest
- Appendix E: Tank Test Results
- Appendix F: NYSDEC Spill Incidents Database

LIST OF FIGURES



Map Reference: Google Map

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SITE LOCUS MAP

46-81 METROPOLITAN AVENUE
MASPETH, NY 11385

GCE PROJECT NO.: 16-080-00

FIGURE 1

LOCUS MAP

LEGEND

UST Boundary

Soil Boring Locations (Approximate)

N

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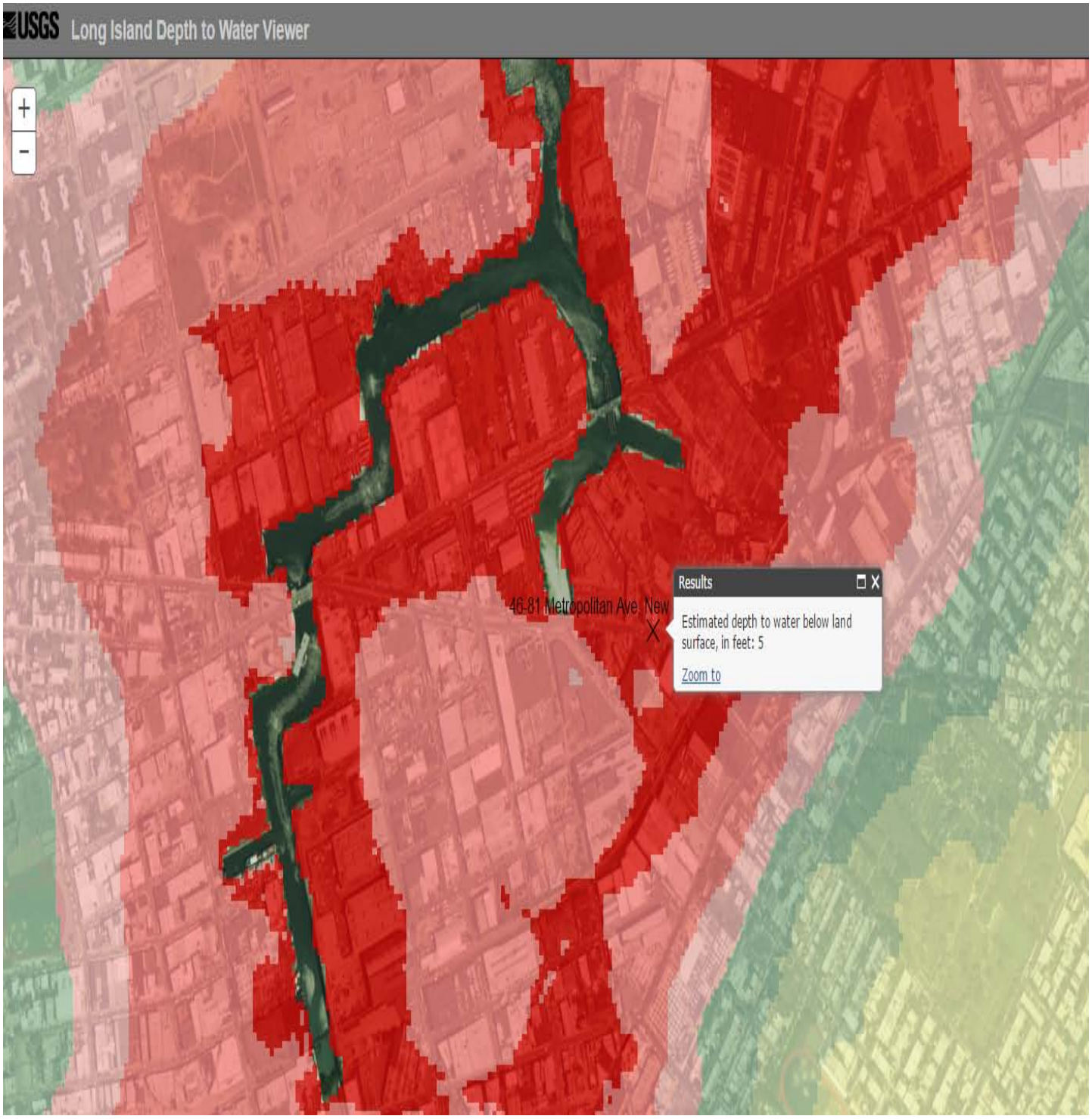
SITE MAP

46-81 METROPOLITAN AVENUE
MASPETH, NY 11385

GCE PROJECT NO.: 16-080-00

FIGURE 2

SITE MAP



Map Reference: Long Island Depth to Water Viewer

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SITE WATER TABLE MAP

46-81 METROPOLITAN AVENUE
MASPETH, NY 11385

GCE PROJECT NO.: 16-080-00

FIGURE 3

WATER TABLE MAP

LIST OF TABLES

G. C. Environmental , Inc. Job Address: 46-81 Metropolitan Ave. Maspeth, NY 11385 Project Id : 16-080-00	**Table1: Summary of Detected Compounds-Soil**									
	Lab Sample Id Collection Date Client Id Matrix	NYSDEC CP-51 Soil Cleanup Guidance	BN74165 7/14/2016 SB-1 Solid	BN74166 7/14/2016 SB-2 Solid	BN74167 7/14/2016 SB-3 Solid	BN74168 7/14/2016 SB-4 Solid	BN74169 7/14/2016 SB-5 Solid	BN74170 7/14/2016 SB-6 Solid	BN74171 7/14/2016 SB-7 Solid	BN74172 7/14/2016 SB-8 Solid
	Units									
Miscellaneous/Inorganics										
Percent Solid	%		81	82	72	68	84	84	78	81
Volatiles- STARS/CP-51 By SW8260C										
1,2,4-Trimethylbenzene	ug/kg	3,600	ND	ND	ND	4,000	2,100	ND	ND	ND
1,3,5-Trimethylbenzene	ug/kg	8,400	ND	ND	ND	1,300	850	ND	ND	ND
Ethylbenzene	ug/kg	1,000	ND	ND	ND	ND	41	ND	ND	ND
Isopropylbenzene	ug/kg	2,300	ND	ND	ND	ND	74	ND	ND	2.3
m&p-Xylene	ug/kg	NS	ND	ND	ND	1,000	450	ND	270	13
Methyl t-Butyl Ether (MTBE)	ug/kg	930	ND	ND	4.7	ND	ND	ND	ND	ND
Naphthalene	ug/kg	12,000	420	ND	ND	1,600	600	ND	540	4.8
n-Butylbenzene	ug/kg	12,000	ND	ND	ND	1,100	350	ND	ND	5
n-Propylbenzene	ug/kg	3,900	ND	ND	ND	590	320	ND	ND	2.4
o-Xylene	ug/kg	ND	ND	ND	ND	ND	42	ND	ND	5
p-Isopropyltoluene	ug/kg	10,000	ND	ND	ND	450	220	ND	ND	ND
sec-Butylbenzene	ug/kg	11,000	ND	ND	ND	600	240	ND	ND	3
tert-Butylbenzene	ug/kg	5,900	ND	ND	ND	ND	10	ND	ND	ND
Total Xylenes	ug/kg	260	ND	ND	ND	1,000	492	ND	270	18
Semivolatiles-STARS/CP-51 By SW8270D										
AceNDphthene	ug/kg	20,000	700	ND	ND	ND	ND	ND	1,900	ND
Anthracene	ug/kg	100,000	1,800	ND	ND	ND	ND	ND	2,100	330
Benz(a)anthracene	ug/kg	1,000	2,000	ND	ND	ND	ND	470	2,400	880
Benzo(a)pyrene	ug/kg	1,000	1,500	280	ND	ND	ND	410	2,000	870
Benzo(b)fluoranthene	ug/kg	1,000	1,100	ND	ND	ND	ND	390	1,900	860
Benzo(ghi)perylene	ug/kg	100,000	780	ND	ND	ND	ND	ND	820	450
Benzo(k)fluoranthene	ug/kg	800	1,100	ND	ND	ND	ND	380	1,800	780
Chrysene	ug/kg	1,000	2,100	ND	ND	ND	ND	500	2,400	920
Dibenz(a,h)anthracene	ug/kg	330	ND	ND	ND	ND	ND	ND	320	ND
Fluoranthene	ug/kg	100,000	4,800	480	ND	ND	330	800	5,500	1,500
Fluorene	ug/kg	30,000	1,200	ND	ND	ND	ND	ND	2,000	ND
Indeno(1,2,3-cd)pyrene	ug/kg	500	790	ND	ND	ND	ND	ND	1,000	530
Naphthalene	ug/kg	12,000	770	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	ug/kg	100,000	7,800	410	ND	ND	470	580	6,500	1,100
Pyrene	ug/kg	100,000	5,000	390	ND	ND	300	700	5,100	1,300

NS	No Standards
ND	None Detected
	Detected Compounds Below Regulatory Standards
	Detected Compounds Above Regulatory Standards

Note:

The compounds found less than reporting levels are considered as '' none detected''.

NYSDEC-New York State Department of Conservation

UST location was compared with NYSDEC CP-51 List

G. C. Environmental , Inc. Job Address: 46-81 Metropolitan Avenue Maspeth, New York 11385 Project Id : 16-080-00	**Table 2: Summary of Detected Compounds-Groundwater**		
	Lab Sample Id Collection Date Client Id Matrix Units	NYSDEC TOGS Ambient Water Quality Standards	BN74173 7/14/2016 SB-4(GW -1) Ground Water
Metals, Total			
Arsenic (Dissolved)	mg/L	0.025	0.075
Barium (Dissolved)	mg/L	1	0.026
Chromium (Dissolved)	mg/L	0.05	0.003
Lead (Dissolved)	mg/L	0.025	0.01
Selenium (Dissolved)	mg/L	0.01	0.049
Volatiles By SW8260C			
1,2,4-Trimethylbenzene	ug/l	5	220
1,3,5-Trimethylbenzene	ug/l	5	56
Benzene	ug/l	1	31
Ethylbenzene	ug/l	5	57
Isopropylbenzene	ug/l	5	14
m&p-Xylene	ug/l	NS	160
Naphthalene	ug/l	10	50
n-Propylbenzene	ug/l	5	26
o-Xylene	ug/l	5	82
Toluene	ug/l	5	110
Total Xylenes	ug/l	5	242
Semivolatiles By SW8270D/E625			
2-Methylnaphthalene	ug/l	50	140
Naphthalene	ug/l	10	60

NS	No Standarts
	Detected Compounds Below Regulatory Standards
	Detected Compounds Above Regulatory Standards

Note:

The compounds found less than reporting levels are considered as '' none detected''.

NYSDEC TOGS -New York State Department of Conservation Technical & Operational Guidence Series (TOGS)

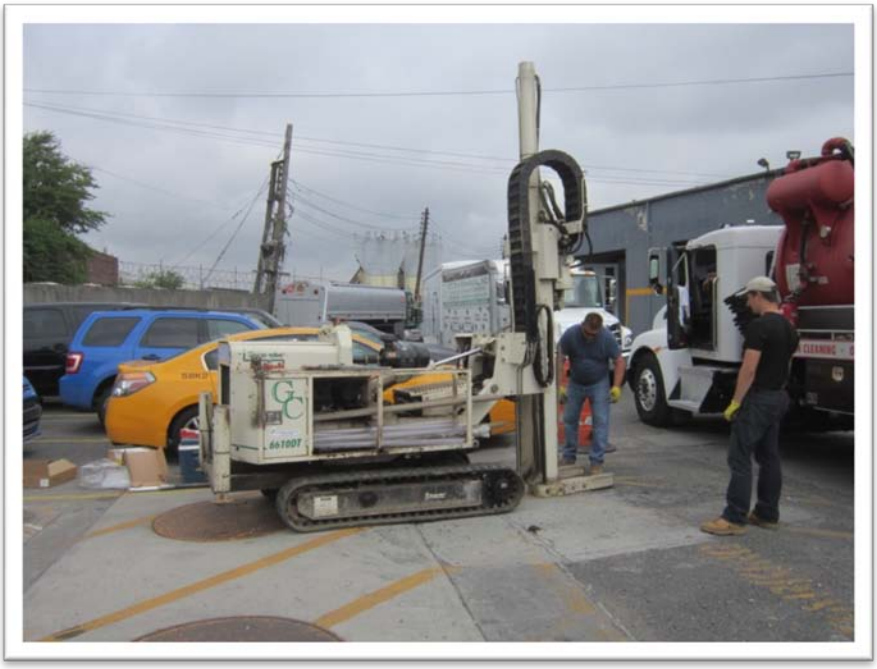
ug/l=microgram for liter

mg/L=milligram for liter

APPENDIX A

Tank Cleaning & Tank Closure Assessment

1. 46-81 Metropolitan Ave., Maspeth, NY – USTs Location



2. Performing Soil Boring by Utilizing Geoprobe

3. Typical Soil Sleeves from SB-4 Location

4. Groundwater Purging Activity at SB-4 Location

5. A Typical PID Reading by Utilizing MultiRAE

6. 4,000-gallon Gasoline UST Prior Cleaning Activity

7. Cleaning up the 4, 000-gallon Gasoline UST by Using Vactor Truck

8. 4,000-gallon Gasoline UST After Cleaning Activity

APPENDIX B

BORING/MONITORING WELL LOG

FIELD GEOLOGIST: FULYA TOYLULAR BORING CONTRACTOR: G. C. ENVIRONMENTAL, INC FOREMAN: GIGI	BORING NO: SB-1 46-81 METROPOLITAN AVE. MASPETH, NY 11385 DATE: 07/14/2016	GROUND ELEVATION: TOP OF CASING ELEVATION:

CASING: SIZE: HAMMER: FALL:	SAMPLER: TYPE: GEOPROBE 6610DT HAMMER: FALL:	GROUNDWATER LEVEL READINGS: DATE: 07/16/2016 DEPTH: APPX. 8 FT

SAMPLE							SAMPLE DESCRIPTION	WELL INSTAL.	FIELD TESTING (PPM)	NOTES
DEPTH(FT)	CAS	NO	DEPTH(FT)	PEN/REC	BLOWS					
0		S1				SOIL SAMPLING (0-5 FT)	FILL MATERIAL CONCRETE DARK GREY COLOR FINE COARSE CLAY LOAM WITH LIGHT GRAVEL		3.0	VISUAL AND/OR ODOR PETROLEM DETECTED AT 5-10 FT DEPTH
5		S2				SOIL SAMPLING (5-10 FT) GW DEPTH (APPX. 8 FT)	BLACKISH/ GREY COLOR FINE COARSE CLAYLOAM		5.0	
10							END OF THE BORE HOLE (10 FT)			

S2 SAMPLE WAS SENT TO THE LAB.

G. C. ENVIRONMENTAL, INC.
ENVIRONMENTAL CONSULTANTS

22 OAK STREET
BAYSHORE, NEW YORK 11706

TEL: (631) 206-3700
FAX: (631) 206-3729

SOIL BORINGS

46-81 METROPOLITAN AVE.
MASPETH, NY 11385

PROJECT NO: 16-080-00

DRAWING

SB-1

BORING/MONITORING WELL LOG

FIELD GEOLOGIST: FULYA TOYLULAR BORING CONTRACTOR: G. C. ENVIRONMENTAL, INC FOREMAN: GIGI	BORING NO: SB-2 46-81 METROPOLITAN AVE. MASPETH, NY 11385 DATE: 07/14/2016	GROUND ELEVATION: TOP OF CASING ELEVATION:

CASING: SIZE: HAMMER: FALL:	SAMPLER: TYPE: GEOPROBE 6610DT HAMMER: FALL:	GROUNDWATER LEVEL READINGS: DATE: 07/16/2016 DEPTH: APPX. 8 FT

SAMPLE							SAMPLE DESCRIPTION	WELL INSTAL.	FIELD TESTING (PPM)	NOTES
DEPTH(FT)	CAS	NO	DEPTH(FT)	PEN/REC	BLOWS					
0		S1				SOIL SAMPLING (0-5 FT)	FILL MATERIAL BROWN -DARK GREY FINE COARSE CLAY LOAM WITH LIGHT GRAVEL		1.0	VISUAL AND/OR ODOR PETROLEM DETECTED AT 5-10 FT DEPTH
5		S2				SOIL SAMPLING (5-10 FT) GW DEPTH (APPX. 8 FT)	BLACKISH/ GREY FINE COARSE CLAY LOAM WITH WHITE SILT		3.0	
10							END OF THE BORE HOLE (10 FT)			

S2 SAMPLE WAS SENT TO THE LAB.

G. C. ENVIRONMENTAL, INC.
ENVIRONMENTAL CONSULTANTS

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BAYSHORE, NEW YORK 11706

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SOIL BORINGS

46-81 METROPOLITAN AVE.
MASPETH, NY 11385

PROJECT NO: 16-080-00

DRAWING

SB-2

BORING/MONITORING WELL LOG

FIELD GEOLOGIST: FULYA TOYLULAR BORING CONTRACTOR: G. C. ENVIRONMENTAL, INC FOREMAN: GIGI	BORING NO: SB-3 46-81 METROPOLITAN AVE. MASPETH, NY 11385 DATE: 07/14/2016	GROUND ELEVATION: TOP OF CASING ELEVATION:

CASING: SIZE: HAMMER: FALL:	SAMPLER: TYPE: GEOPROBE 6610DT HAMMER: FALL:	GROUNDWATER LEVEL READINGS: DATE: 07/16/2016 DEPTH: APPX. 8 FT

SAMPLE							SAMPLE DESCRIPTION	WELL INSTAL.	FIELD TESTING (PPM)	NOTES
DEPTH(FT)	CAS	NO	DEPTH(FT)	PEN/REC	BLOWS					
0		S1				SOIL SAMPLING (0-5 FT)	FILL MATERIAL BROWN -DARK GREY FINE COARSE CLAY LOAM WITH LIGHT GRAVEL		1.0	VISUAL AND/OR ODOR PETROLEM DETECTED AT ALL DEPTHS
5		S2				SOIL SAMPLING (5-10 FT) GW DEPTH (APPX. 8 FT)	BLACKISH/ GREY FINE COARSE CLAY LOAM WITH WHITE SILT		3.0	
10							END OF THE BORE HOLE (10 FT)			

S2 SAMPLE WAS SENT TO THE LAB.

G. C. ENVIRONMENTAL, INC.
ENVIRONMENTAL CONSULTANTS

22 OAK STREET
BAYSHORE, NEW YORK 11706

TEL: (631) 206-3700
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SOIL BORINGS

46-81 METROPOLITAN AVE.
MASPETH, NY 11385

PROJECT NO: 16-080-00

DRAWING

SB-3

BORING/MONITORING WELL LOG

FIELD GEOLOGIST: FULYA TOYLULAR BORING CONTRACTOR: G. C. ENVIRONMENTAL, INC FOREMAN: GIGI	BORING NO: SB-4 46-81 METROPOLITAN AVE. MASPETH, NY 11385 DATE: 07/14/2016	GROUND ELEVATION: TOP OF CASING ELEVATION:

CASING: SIZE: HAMMER: FALL:	SAMPLER: TYPE: GEOPROBE 6610DT HAMMER: FALL:	GROUNDWATER LEVEL READINGS: DATE: 07/16/2016 DEPTH: APPX. 8 FT

SAMPLE							SAMPLE DESCRIPTION	WELL INSTAL.	FIELD TESTING (PPM)	NOTES
DEPTH(FT)	CAS	NO	DEPTH(FT)	PEN/REC	BLOWS					
0		S1				SOIL SAMPLING (0-5 FT)	FILL MATERIAL BLACKISH/ GREY COLOR FINE COARSE LOAMY SAND WITH GRAVEL	TEMPORARY MONITORING WELL	5.0	VISUAL AND/OR ODOR PETROLEM DETECTED AT ALL DEPTHS
5		S2				SOIL SAMPLING (5-10 FT) GW DEPTH (APPX. 8 FT)	BLACKISH/ BROWN COLOR FINE SHEENEY COARSE LOAMY SAND WITH GRAVEL		33.0	
10							END OF THE BORE HOLE (10 FT)			

S2 SAMPLE WAS SENT TO THE LAB. TEMPORARY MONITORING WELL USED FOR GW SAMPLING.

G. C. ENVIRONMENTAL, INC.
ENVIRONMENTAL CONSULTANTS

22 OAK STREET
BAYSHORE, NEW YORK 11706

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FAX: (631) 206-3729

SOIL BORINGS

46-81 METROPOLITAN AVE.
MASPETH, NY 11385

PROJECT NO: 16-080-00

DRAWING

SB-4

BORING/MONITORING WELL LOG

FIELD GEOLOGIST: FULYA TOYLULAR BORING CONTRACTOR: G. C. ENVIRONMENTAL, INC FOREMAN: GIGI	BORING NO: SB-5 46-81 METROPOLITAN AVE. MASPETH, NY 11385 DATE: 07/14/2016	GROUND ELEVATION: TOP OF CASING ELEVATION:

CASING: SIZE: HAMMER: FALL:	SAMPLER: TYPE: GEOPROBE 6610DT HAMMER: FALL:	GROUNDWATER LEVEL READINGS: DATE: 07/16/2016 DEPTH: APPX. 8 FT

SAMPLE							SAMPLE DESCRIPTION	WELL INSTAL.	FIELD TESTING (PPM)	NOTES
DEPTH(FT)	CAS	NO	DEPTH(FT)	PEN/REC	BLOWS					
0		S1				SOIL SAMPLING (0-5 FT)	FILL MATERIAL WHITE CONCRETE BLACKISH COLOR GREY FINE COARSE CLAY LOAM		3.0	VISUAL AND/OR ODOR PETROLEM DETECTED AT ALL DEPTHS
5		S2				SOIL SAMPLING (5-10 FT) GW DEPTH (APPX. 8 FT)	BLACKISH/ GREY COLOR SHEENEY FINE COARSE CLAY		4.0	
10							END OF THE BORE HOLE (10 FT)			

S2 SAMPLE WAS SENT TO THE LAB.

G. C. ENVIRONMENTAL, INC.
ENVIRONMENTAL CONSULTANTS

22 OAK STREET
BAYSHORE, NEW YORK 11706

TEL: (631) 206-3700
FAX: (631) 206-3729

SOIL BORINGS

46-81 METROPOLITAN AVE.
MASPETH, NY 11385

PROJECT NO: 16-080-00

DRAWING

SB-5

BORING/MONITORING WELL LOG

FIELD GEOLOGIST: FULYA TOYLULAR BORING CONTRACTOR: G. C. ENVIRONMENTAL, INC FOREMAN: GIGI	BORING NO: SB-6 46-81 METROPOLITAN AVE. MASPETH, NY 11385 DATE: 07/14/2016	GROUND ELEVATION: TOP OF CASING ELEVATION:

CASING: SIZE: HAMMER: FALL:	SAMPLER: TYPE: GEOPROBE 6610DT HAMMER: FALL:	GROUNDWATER LEVEL READINGS: DATE: 07/16/2016 DEPTH: APPX. 8 FT

SAMPLE							SAMPLE DESCRIPTION	WELL INSTAL.	FIELD TESTING (PPM)	NOTES
DEPTH(FT)	CAS	NO	DEPTH(FT)	PEN/REC	BLOWS					
0		S1				SOIL SAMPLING (0-5 FT)	FILL MATERIAL CONCRETE BROWN -DARK GREY FINE COLOR COARSE CLAY LOAM WITH GRAVEL		0.0	VISUAL AND/OR ODOR PETROLEM DETECTED AT 5-10 FT DEPTH
5		S2				SOIL SAMPLING (5-10 FT) GW DEPTH (APPX. 8 FT)	BLACKISH/ GREYCOLOR FINE COARSE CLAY LOAM WITH GRAVEL		4.0	
10							END OF THE BORE HOLE (10 FT)			

S2 SAMPLE WAS SENT TO THE LAB.

G. C. ENVIRONMENTAL, INC.
ENVIRONMENTAL CONSULTANTS

22 OAK STREET
BAYSHORE, NEW YORK 11706

TEL: (631) 206-3700
FAX: (631) 206-3729

SOIL BORINGS

46-81 METROPOLITAN AVE.
MASPETH, NY 11385

PROJECT NO: 16-080-00

DRAWING

SB-6

BORING/MONITORING WELL LOG

FIELD GEOLOGIST: FULYA TOYLULAR BORING CONTRACTOR: G. C. ENVIRONMENTAL, INC FOREMAN: GIGI	BORING NO: SB-7 46-81 METROPOLITAN AVE. MASPETH, NY 11385 DATE: 07/14/2016	GROUND ELEVATION: TOP OF CASING ELEVATION:

CASING: SIZE: HAMMER: FALL:	SAMPLER: TYPE: GEOPROBE 6610DT HAMMER: FALL:	GROUNDWATER LEVEL READINGS: DATE: 07/16/2016 DEPTH: APPX. 8 FT

SAMPLE							SAMPLE DESCRIPTION	WELL INSTAL.	FIELD TESTING (PPM)	NOTES
DEPTH(FT)	CAS	NO	DEPTH(FT)	PEN/REC	BLOWS					
0		S1				SOIL SAMPLING (0-5 FT)	FILL MATERIAL CONCRETE BROWN -DARK GREY COLOR FINE COARSE CLAY LOAM WITH GRAVEL		1.0	VISUAL AND/OR ODOR PETROLEM DETECTED AT 5-10 FT DEPTH
5		S2				SOIL SAMPLING (5-10 FT) GW DEPTH (APPX. 8 FT)	BLACKISH COLOR SHEENEY FINE COARSE CLAY LOAM WITH GRAVEL		5.0	
10							END OF THE BORE HOLE (10 FT)			

S2 SAMPLE WAS SENT TO THE LAB.

G. C. ENVIRONMENTAL, INC.
ENVIRONMENTAL CONSULTANTS

22 OAK STREET
BAYSHORE, NEW YORK 11706

TEL: (631) 206-3700
FAX: (631) 206-3729

SOIL BORINGS

46-81 METROPOLITAN AVE.
MASPETH, NY 11385

PROJECT NO: 16-080-00

DRAWING

SB-7

BORING/MONITORING WELL LOG

FIELD GEOLOGIST: FULYA TOYLULAR BORING CONTRACTOR: G. C. ENVIRONMENTAL, INC FOREMAN: GIGI	BORING NO: SB-8 46-81 METROPOLITAN AVE. MASPETH, NY 11385 DATE: 07/14/2016	GROUND ELEVATION: TOP OF CASING ELEVATION:

CASING: SIZE: HAMMER: FALL:	SAMPLER: TYPE: GEOPROBE 6610DT HAMMER: FALL:	GROUNDWATER LEVEL READINGS: DATE: 07/16/2016 DEPTH: APPX. 8 FT

SAMPLE							SAMPLE DESCRIPTION	WELL INSTAL.	FIELD TESTING (PPM)	NOTES
DEPTH(FT)	CAS	NO	DEPTH(FT)	PEN/REC	BLOWS					
0		S1				SOIL SAMPLING (0-5 FT)	FILL MATERIAL CONCRETE BROWN -DARK GREY COLOR FINE COARSE CLAY LOAM WITH GRAVEL		1.0	VISUAL AND/OR ODOR PETROLEM DETECTED AT 5-10 FT DEPTH
5		S2				SOIL SAMPLING (5-10 FT) GW DEPTH (APPX. 8 FT)	BLACKISH COLOR FINE COARSE CLAYLOAM WITH GRAVEL		5.0	
10							END OF THE BORE HOLE (10 FT)			

S2 SAMPLE WAS SENT TO THE LAB.

G. C. ENVIRONMENTAL, INC.
ENVIRONMENTAL CONSULTANTS

22 OAK STREET
BAYSHORE, NEW YORK 11706

TEL: (631) 206-3700
FAX: (631) 206-3729

SOIL BORINGS

46-81 METROPOLITAN AVE.
MASPETH, NY 11385

PROJECT NO: 16-080-00

DRAWING

SB-8

APPENDIX C

PHOENIX
Environmental Laboratories, Inc.

Wednesday, July 27, 2016

Attn: Ms. Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Project ID: 16-080-00
Sample ID#s: BN74165 - BN74173

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

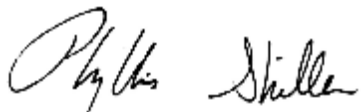
This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

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

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

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

Sincerely yours,



Phyllis Shiller
Laboratory Director

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

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

NY # 11301

SDG Comments

July 27, 2016

SDG I.D.: GBN74165

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.

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

NY # 11301

Analysis Report

July 27, 2016

FOR: Attn: Ms. Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/14/16	8:00
Location Code:	GC-ENV	Received by:	LB	07/15/16	16:56
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	10635				

Laboratory Data

SDG ID: GBN74165
Phoenix ID: BN74165

Project ID: 16-080-00
Client ID: SB-1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	81		%		07/15/16	W	SW846-%Solid
Soil Extraction SVOA PAH	Completed				07/15/16	NJ/CKV	SW3545A
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	ND	1.7	ug/Kg	1	07/21/16	HM	SW8260C
1,3,5-Trimethylbenzene	ND	1.7	ug/Kg	1	07/21/16	HM	SW8260C
Benzene	ND	3.4	ug/Kg	1	07/21/16	HM	SW8260C
Ethylbenzene	ND	3.4	ug/Kg	1	07/21/16	HM	SW8260C
Isopropylbenzene	ND	1.7	ug/Kg	1	07/21/16	HM	SW8260C
m&p-Xylene	ND	3.4	ug/Kg	1	07/21/16	HM	SW8260C
Methyl t-Butyl Ether (MTBE)	ND	1.7	ug/Kg	1	07/21/16	HM	SW8260C
Naphthalene	420	130	ug/Kg	50	07/26/16	HM	SW8260C
n-Butylbenzene	ND	1.7	ug/Kg	1	07/21/16	HM	SW8260C
n-Propylbenzene	ND	1.7	ug/Kg	1	07/21/16	HM	SW8260C
o-Xylene	ND	3.4	ug/Kg	1	07/21/16	HM	SW8260C
p-Isopropyltoluene	ND	1.7	ug/Kg	1	07/21/16	HM	SW8260C
sec-Butylbenzene	ND	1.7	ug/Kg	1	07/21/16	HM	SW8260C
tert-Butylbenzene	ND	1.7	ug/Kg	1	07/21/16	HM	SW8260C
Toluene	ND	3.4	ug/Kg	1	07/21/16	HM	SW8260C
Total Xylenes	ND	3.4	ug/Kg	1	07/21/16	HM	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4	99		%	1	07/21/16	HM	70 - 130 %
% Bromofluorobenzene	87		%	1	07/21/16	HM	70 - 130 %
% Dibromofluoromethane	94		%	1	07/21/16	HM	70 - 130 %
% Toluene-d8	97		%	1	07/21/16	HM	70 - 130 %
Semivolatiles-STARS/CP-51							
Acenaphthene	700	280	ug/Kg	1	07/16/16	DD	SW8270D

Project ID: 16-080-00
Client ID: SB-1

Phoenix I.D.: BN74165

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	ND	280	ug/Kg	1	07/16/16	DD	SW8270D
Anthracene	1800	280	ug/Kg	1	07/16/16	DD	SW8270D
Benz(a)anthracene	2000	280	ug/Kg	1	07/16/16	DD	SW8270D
Benzo(a)pyrene	1500	280	ug/Kg	1	07/16/16	DD	SW8270D
Benzo(b)fluoranthene	1100	280	ug/Kg	1	07/16/16	DD	SW8270D
Benzo(ghi)perylene	780	280	ug/Kg	1	07/16/16	DD	SW8270D
Benzo(k)fluoranthene	1100	280	ug/Kg	1	07/16/16	DD	SW8270D
Chrysene	2100	280	ug/Kg	1	07/16/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	280	ug/Kg	1	07/16/16	DD	SW8270D
Fluoranthene	4800	280	ug/Kg	1	07/16/16	DD	SW8270D
Fluorene	1200	280	ug/Kg	1	07/16/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	790	280	ug/Kg	1	07/16/16	DD	SW8270D
Naphthalene	770	280	ug/Kg	1	07/16/16	DD	SW8270D
Phenanthrene	7800	1400	ug/Kg	5	07/18/16	DD	SW8270D
Pyrene	5000	280	ug/Kg	1	07/16/16	DD	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	59		%	1	07/16/16	DD	30 - 130 %
% Nitrobenzene-d5	41		%	1	07/16/16	DD	30 - 130 %
% Terphenyl-d14	62		%	1	07/16/16	DD	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded 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.

Phyllis Shiller, Laboratory Director
July 27, 2016
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

NY # 11301

Analysis Report

July 27, 2016

FOR: Attn: Ms. Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/14/16	8:30
Location Code:	GC-ENV	Received by:	LB	07/15/16	16:56
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	10635				

Laboratory Data

SDG ID: GBN74165
Phoenix ID: BN74166

Project ID: 16-080-00
Client ID: SB-2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	82		%		07/15/16	W	SW846-%Solid
Soil Extraction SVOA PAH	Completed				07/15/16	NJ/CKV	SW3545A
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	ND	2.0	ug/Kg	1	07/21/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	2.0	ug/Kg	1	07/21/16	JLI	SW8260C
Benzene	ND	3.9	ug/Kg	1	07/21/16	JLI	SW8260C
Ethylbenzene	ND	3.9	ug/Kg	1	07/21/16	JLI	SW8260C
Isopropylbenzene	ND	2.0	ug/Kg	1	07/21/16	JLI	SW8260C
m&p-Xylene	ND	3.9	ug/Kg	1	07/21/16	JLI	SW8260C
Methyl t-Butyl Ether (MTBE)	ND	2.0	ug/Kg	1	07/21/16	JLI	SW8260C
Naphthalene	ND	2.0	ug/Kg	1	07/21/16	JLI	SW8260C
n-Butylbenzene	ND	2.0	ug/Kg	1	07/21/16	JLI	SW8260C
n-Propylbenzene	ND	2.0	ug/Kg	1	07/21/16	JLI	SW8260C
o-Xylene	ND	3.9	ug/Kg	1	07/21/16	JLI	SW8260C
p-Isopropyltoluene	ND	2.0	ug/Kg	1	07/21/16	JLI	SW8260C
sec-Butylbenzene	ND	2.0	ug/Kg	1	07/21/16	JLI	SW8260C
tert-Butylbenzene	ND	2.0	ug/Kg	1	07/21/16	JLI	SW8260C
Toluene	ND	3.9	ug/Kg	1	07/21/16	JLI	SW8260C
Total Xylenes	ND	3.9	ug/Kg	1	07/21/16	JLI	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4	99		%	1	07/21/16	JLI	70 - 130 %
% Bromofluorobenzene	92		%	1	07/21/16	JLI	70 - 130 %
% Dibromofluoromethane	94		%	1	07/21/16	JLI	70 - 130 %
% Toluene-d8	97		%	1	07/21/16	JLI	70 - 130 %
Semivolatiles-STARS/CP-51							
Acenaphthene	ND	280	ug/Kg	1	07/16/16	DD	SW8270D

Project ID: 16-080-00
Client ID: SB-2

Phoenix I.D.: BN74166

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	ND	280	ug/Kg	1	07/16/16	DD	SW8270D
Anthracene	ND	280	ug/Kg	1	07/16/16	DD	SW8270D
Benz(a)anthracene	ND	280	ug/Kg	1	07/16/16	DD	SW8270D
Benzo(a)pyrene	280	280	ug/Kg	1	07/16/16	DD	SW8270D
Benzo(b)fluoranthene	ND	280	ug/Kg	1	07/16/16	DD	SW8270D
Benzo(ghi)perylene	ND	280	ug/Kg	1	07/16/16	DD	SW8270D
Benzo(k)fluoranthene	ND	280	ug/Kg	1	07/16/16	DD	SW8270D
Chrysene	ND	280	ug/Kg	1	07/16/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	280	ug/Kg	1	07/16/16	DD	SW8270D
Fluoranthene	480	280	ug/Kg	1	07/16/16	DD	SW8270D
Fluorene	ND	280	ug/Kg	1	07/16/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	280	ug/Kg	1	07/16/16	DD	SW8270D
Naphthalene	ND	280	ug/Kg	1	07/16/16	DD	SW8270D
Phenanthrene	410	280	ug/Kg	1	07/16/16	DD	SW8270D
Pyrene	390	280	ug/Kg	1	07/16/16	DD	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	49		%	1	07/16/16	DD	30 - 130 %
% Nitrobenzene-d5	46		%	1	07/16/16	DD	30 - 130 %
% Terphenyl-d14	50		%	1	07/16/16	DD	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded 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.

Phyllis Shiller, Laboratory Director
July 27, 2016
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 27, 2016

FOR: Attn: Ms. Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/14/16	9:00
Location Code:	GC-ENV	Received by:	LB	07/15/16	16:56
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	10635				

Laboratory Data

SDG ID: GBN74165
Phoenix ID: BN74167

Project ID: 16-080-00
Client ID: SB-3

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	72		%		07/15/16	W	SW846-%Solid
Soil Extraction SVOA PAH	Completed				07/15/16	NJ/CKV	SW3545A
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	ND	160	ug/Kg	50	07/22/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	160	ug/Kg	50	07/22/16	JLI	SW8260C
Benzene	ND	5.6	ug/Kg	1	07/21/16	JLI	SW8260C
Ethylbenzene	ND	5.6	ug/Kg	1	07/21/16	JLI	SW8260C
Isopropylbenzene	ND	160	ug/Kg	50	07/22/16	JLI	SW8260C
m&p-Xylene	ND	5.6	ug/Kg	1	07/21/16	JLI	SW8260C
Methyl t-Butyl Ether (MTBE)	4.7	2.8	ug/Kg	1	07/21/16	JLI	SW8260C
Naphthalene	ND	160	ug/Kg	50	07/22/16	JLI	SW8260C
n-Butylbenzene	ND	160	ug/Kg	50	07/22/16	JLI	SW8260C
n-Propylbenzene	ND	160	ug/Kg	50	07/22/16	JLI	SW8260C
o-Xylene	ND	5.6	ug/Kg	1	07/21/16	JLI	SW8260C
p-Isopropyltoluene	ND	160	ug/Kg	50	07/22/16	JLI	SW8260C
sec-Butylbenzene	ND	160	ug/Kg	50	07/22/16	JLI	SW8260C
tert-Butylbenzene	ND	160	ug/Kg	50	07/22/16	JLI	SW8260C
Toluene	ND	5.6	ug/Kg	1	07/21/16	JLI	SW8260C
Total Xylenes	ND	5.6	ug/Kg	1	07/21/16	JLI	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4	101		%	50	07/22/16	JLI	70 - 130 %
% Bromofluorobenzene	94		%	50	07/22/16	JLI	70 - 130 %
% Dibromofluoromethane	95		%	1	07/21/16	JLI	70 - 130 %
% Toluene-d8	96		%	1	07/21/16	JLI	70 - 130 %
Semivolatiles-STARS/CP-51							
Acenaphthene	ND	320	ug/Kg	1	07/16/16	DD	SW8270D

Project ID: 16-080-00
Client ID: SB-3

Phoenix I.D.: BN74167

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	ND	320	ug/Kg	1	07/16/16	DD	SW8270D
Anthracene	ND	320	ug/Kg	1	07/16/16	DD	SW8270D
Benz(a)anthracene	ND	320	ug/Kg	1	07/16/16	DD	SW8270D
Benzo(a)pyrene	ND	320	ug/Kg	1	07/16/16	DD	SW8270D
Benzo(b)fluoranthene	ND	320	ug/Kg	1	07/16/16	DD	SW8270D
Benzo(ghi)perylene	ND	320	ug/Kg	1	07/16/16	DD	SW8270D
Benzo(k)fluoranthene	ND	320	ug/Kg	1	07/16/16	DD	SW8270D
Chrysene	ND	320	ug/Kg	1	07/16/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	320	ug/Kg	1	07/16/16	DD	SW8270D
Fluoranthene	ND	320	ug/Kg	1	07/16/16	DD	SW8270D
Fluorene	ND	320	ug/Kg	1	07/16/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	320	ug/Kg	1	07/16/16	DD	SW8270D
Naphthalene	ND	320	ug/Kg	1	07/16/16	DD	SW8270D
Phenanthrene	ND	320	ug/Kg	1	07/16/16	DD	SW8270D
Pyrene	ND	320	ug/Kg	1	07/16/16	DD	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	63		%	1	07/16/16	DD	30 - 130 %
% Nitrobenzene-d5	42		%	1	07/16/16	DD	30 - 130 %
% Terphenyl-d14	55		%	1	07/16/16	DD	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded 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.

Phyllis Shiller, Laboratory Director
July 27, 2016
Reviewed and Released by: Phyllis Shiller, Laboratory Director

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 27, 2016

FOR: Attn: Ms. Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/14/16	9:30
Location Code:	GC-ENV	Received by:	LB	07/15/16	16:56
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	10635				

Laboratory Data

SDG ID: GBN74165
Phoenix ID: BN74168

Project ID: 16-080-00
Client ID: SB-4

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	68		%		07/15/16	W	SW846-%Solid
Soil Extraction SVOA PAH	Completed				07/15/16	NJ/CKV	SW3545A
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	4000	290	ug/Kg	50	07/22/16	JLI	SW8260C
1,3,5-Trimethylbenzene	1300	290	ug/Kg	50	07/22/16	JLI	SW8260C
Benzene	ND	580	ug/Kg	50	07/22/16	JLI	SW8260C
Ethylbenzene	ND	580	ug/Kg	50	07/22/16	JLI	SW8260C
Isopropylbenzene	ND	290	ug/Kg	50	07/22/16	JLI	SW8260C
m&p-Xylene	1000	580	ug/Kg	50	07/22/16	JLI	SW8260C
Methyl t-Butyl Ether (MTBE)	ND	290	ug/Kg	50	07/22/16	JLI	SW8260C
Naphthalene	1600	290	ug/Kg	50	07/22/16	JLI	SW8260C
n-Butylbenzene	1100	290	ug/Kg	50	07/22/16	JLI	SW8260C
n-Propylbenzene	590	290	ug/Kg	50	07/22/16	JLI	SW8260C
o-Xylene	ND	580	ug/Kg	50	07/22/16	JLI	SW8260C
p-Isopropyltoluene	450	290	ug/Kg	50	07/22/16	JLI	SW8260C
sec-Butylbenzene	600	290	ug/Kg	50	07/22/16	JLI	SW8260C
tert-Butylbenzene	ND	290	ug/Kg	50	07/22/16	JLI	SW8260C
Toluene	ND	580	ug/Kg	50	07/22/16	JLI	SW8260C
Total Xylenes	1000	580	ug/Kg	50	07/22/16	JLI	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4	102		%	50	07/22/16	JLI	70 - 130 %
% Bromofluorobenzene	95		%	50	07/22/16	JLI	70 - 130 %
% Dibromofluoromethane	88		%	50	07/22/16	JLI	70 - 130 %
% Toluene-d8	98		%	50	07/22/16	JLI	70 - 130 %
Semivolatiles-STARS/CP-51							
Acenaphthene	ND	340	ug/Kg	1	07/16/16	DD	SW8270D

Project ID: 16-080-00
Client ID: SB-4

Phoenix I.D.: BN74168

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	ND	340	ug/Kg	1	07/16/16	DD	SW8270D
Anthracene	ND	340	ug/Kg	1	07/16/16	DD	SW8270D
Benz(a)anthracene	ND	330	ug/Kg	1	07/16/16	DD	SW8270D
Benzo(a)pyrene	ND	340	ug/Kg	1	07/16/16	DD	SW8270D
Benzo(b)fluoranthene	ND	340	ug/Kg	1	07/16/16	DD	SW8270D
Benzo(ghi)perylene	ND	340	ug/Kg	1	07/16/16	DD	SW8270D
Benzo(k)fluoranthene	ND	340	ug/Kg	1	07/16/16	DD	SW8270D
Chrysene	ND	340	ug/Kg	1	07/16/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	330	ug/Kg	1	07/16/16	DD	SW8270D
Fluoranthene	ND	340	ug/Kg	1	07/16/16	DD	SW8270D
Fluorene	ND	340	ug/Kg	1	07/16/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	340	ug/Kg	1	07/16/16	DD	SW8270D
Naphthalene	ND	340	ug/Kg	1	07/16/16	DD	SW8270D
Phenanthrene	ND	340	ug/Kg	1	07/16/16	DD	SW8270D
Pyrene	ND	340	ug/Kg	1	07/16/16	DD	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	67		%	1	07/16/16	DD	30 - 130 %
% Nitrobenzene-d5	49		%	1	07/16/16	DD	30 - 130 %
% Terphenyl-d14	63		%	1	07/16/16	DD	30 - 130 %

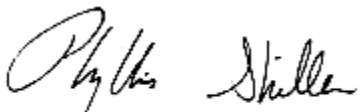
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report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

Comments:

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

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

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



Phyllis Shiller, Laboratory Director
July 27, 2016
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

NY # 11301

Analysis Report

July 27, 2016

FOR: Attn: Ms. Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/14/16	10:00
Location Code:	GC-ENV	Received by:	LB	07/15/16	16:56
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	10635				

Laboratory Data

SDG ID: GBN74165
Phoenix ID: BN74169

Project ID: 16-080-00
Client ID: SB-5

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	84		%		07/15/16	W	SW846-%Solid
Soil Extraction SVOA PAH	Completed				07/15/16	NJ/CKV	SW3545A
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	2100	170	ug/Kg	50	07/22/16	JLI	SW8260C
1,3,5-Trimethylbenzene	850	170	ug/Kg	50	07/22/16	JLI	SW8260C
Benzene	ND	9.2	ug/Kg	1	07/21/16	JLI	SW8260C
Ethylbenzene	41	9.2	ug/Kg	1	07/21/16	JLI	SW8260C
Isopropylbenzene	74	4.6	ug/Kg	1	07/21/16	JLI	SW8260C
m&p-Xylene	450	330	ug/Kg	50	07/22/16	JLI	SW8260C
Methyl t-Butyl Ether (MTBE)	ND	4.6	ug/Kg	1	07/21/16	JLI	SW8260C
Naphthalene	600	170	ug/Kg	50	07/22/16	JLI	SW8260C
n-Butylbenzene	350	170	ug/Kg	50	07/22/16	JLI	SW8260C
n-Propylbenzene	320	170	ug/Kg	50	07/22/16	JLI	SW8260C
o-Xylene	42	9.2	ug/Kg	1	07/21/16	JLI	SW8260C
p-Isopropyltoluene	220	170	ug/Kg	50	07/22/16	JLI	SW8260C
sec-Butylbenzene	240	170	ug/Kg	50	07/22/16	JLI	SW8260C
tert-Butylbenzene	10	4.6	ug/Kg	1	07/21/16	JLI	SW8260C
Toluene	ND	9.2	ug/Kg	1	07/21/16	JLI	SW8260C
Total Xylenes	492	330	ug/Kg	50	07/22/16	JLI	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4	101		%	1	07/21/16	JLI	70 - 130 %
% Bromofluorobenzene	129		%	1	07/21/16	JLI	70 - 130 %
% Dibromofluoromethane	86		%	1	07/21/16	JLI	70 - 130 %
% Toluene-d8	101		%	1	07/21/16	JLI	70 - 130 %
Semivolatiles-STARS/CP-51							
Acenaphthene	ND	280	ug/Kg	1	07/16/16	DD	SW8270D

Project ID: 16-080-00
Client ID: SB-5

Phoenix I.D.: BN74169

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	ND	280	ug/Kg	1	07/16/16	DD	SW8270D
Anthracene	ND	280	ug/Kg	1	07/16/16	DD	SW8270D
Benz(a)anthracene	ND	280	ug/Kg	1	07/16/16	DD	SW8270D
Benzo(a)pyrene	ND	280	ug/Kg	1	07/16/16	DD	SW8270D
Benzo(b)fluoranthene	ND	280	ug/Kg	1	07/16/16	DD	SW8270D
Benzo(ghi)perylene	ND	280	ug/Kg	1	07/16/16	DD	SW8270D
Benzo(k)fluoranthene	ND	280	ug/Kg	1	07/16/16	DD	SW8270D
Chrysene	ND	280	ug/Kg	1	07/16/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	280	ug/Kg	1	07/16/16	DD	SW8270D
Fluoranthene	330	280	ug/Kg	1	07/16/16	DD	SW8270D
Fluorene	ND	280	ug/Kg	1	07/16/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	280	ug/Kg	1	07/16/16	DD	SW8270D
Naphthalene	ND	280	ug/Kg	1	07/16/16	DD	SW8270D
Phenanthrene	470	280	ug/Kg	1	07/16/16	DD	SW8270D
Pyrene	300	280	ug/Kg	1	07/16/16	DD	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	55		%	1	07/16/16	DD	30 - 130 %
% Nitrobenzene-d5	53		%	1	07/16/16	DD	30 - 130 %
% Terphenyl-d14	48		%	1	07/16/16	DD	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded 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.

Phyllis Shiller, Laboratory Director
July 27, 2016
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

NY # 11301

Analysis Report

July 27, 2016

FOR: Attn: Ms. Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/14/16	10:30
Location Code:	GC-ENV	Received by:	LB	07/15/16	16:56
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	10635				

Laboratory Data

SDG ID: GBN74165
Phoenix ID: BN74170

Project ID: 16-080-00
Client ID: SB-6

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	84		%		07/15/16	W	SW846-%Solid
Soil Extraction SVOA PAH	Completed				07/15/16	NJ/CKV	SW3545A
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	ND	3.0	ug/Kg	1	07/22/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	3.0	ug/Kg	1	07/22/16	JLI	SW8260C
Benzene	ND	6.0	ug/Kg	1	07/22/16	JLI	SW8260C
Ethylbenzene	ND	6.0	ug/Kg	1	07/22/16	JLI	SW8260C
Isopropylbenzene	ND	3.0	ug/Kg	1	07/22/16	JLI	SW8260C
m&p-Xylene	ND	6.0	ug/Kg	1	07/22/16	JLI	SW8260C
Methyl t-Butyl Ether (MTBE)	ND	3.0	ug/Kg	1	07/22/16	JLI	SW8260C
Naphthalene	ND	3.0	ug/Kg	1	07/22/16	JLI	SW8260C
n-Butylbenzene	ND	3.0	ug/Kg	1	07/22/16	JLI	SW8260C
n-Propylbenzene	ND	3.0	ug/Kg	1	07/22/16	JLI	SW8260C
o-Xylene	ND	6.0	ug/Kg	1	07/22/16	JLI	SW8260C
p-Isopropyltoluene	ND	3.0	ug/Kg	1	07/22/16	JLI	SW8260C
sec-Butylbenzene	ND	3.0	ug/Kg	1	07/22/16	JLI	SW8260C
tert-Butylbenzene	ND	3.0	ug/Kg	1	07/22/16	JLI	SW8260C
Toluene	ND	6.0	ug/Kg	1	07/22/16	JLI	SW8260C
Total Xylenes	ND	6.0	ug/Kg	1	07/22/16	JLI	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4	101		%	1	07/22/16	JLI	70 - 130 %
% Bromofluorobenzene	90		%	1	07/22/16	JLI	70 - 130 %
% Dibromofluoromethane	91		%	1	07/22/16	JLI	70 - 130 %
% Toluene-d8	98		%	1	07/22/16	JLI	70 - 130 %
Semivolatiles-STARS/CP-51							
Acenaphthene	ND	270	ug/Kg	1	07/16/16	DD	SW8270D

Project ID: 16-080-00
Client ID: SB-6

Phoenix I.D.: BN74170

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	ND	270	ug/Kg	1	07/16/16	DD	SW8270D
Anthracene	ND	270	ug/Kg	1	07/16/16	DD	SW8270D
Benz(a)anthracene	470	270	ug/Kg	1	07/16/16	DD	SW8270D
Benzo(a)pyrene	410	270	ug/Kg	1	07/16/16	DD	SW8270D
Benzo(b)fluoranthene	390	270	ug/Kg	1	07/16/16	DD	SW8270D
Benzo(ghi)perylene	ND	270	ug/Kg	1	07/16/16	DD	SW8270D
Benzo(k)fluoranthene	380	270	ug/Kg	1	07/16/16	DD	SW8270D
Chrysene	500	270	ug/Kg	1	07/16/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	270	ug/Kg	1	07/16/16	DD	SW8270D
Fluoranthene	800	270	ug/Kg	1	07/16/16	DD	SW8270D
Fluorene	ND	270	ug/Kg	1	07/16/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	1	07/16/16	DD	SW8270D
Naphthalene	ND	270	ug/Kg	1	07/16/16	DD	SW8270D
Phenanthrene	580	270	ug/Kg	1	07/16/16	DD	SW8270D
Pyrene	700	270	ug/Kg	1	07/16/16	DD	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	49		%	1	07/16/16	DD	30 - 130 %
% Nitrobenzene-d5	40		%	1	07/16/16	DD	30 - 130 %
% Terphenyl-d14	40		%	1	07/16/16	DD	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded 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.

Phyllis Shiller, Laboratory Director
July 27, 2016
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 27, 2016

FOR: Attn: Ms. Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/14/16	11:00
Location Code:	GC-ENV	Received by:	LB	07/15/16	16:56
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	10635				

Laboratory Data

SDG ID: GBN74165
Phoenix ID: BN74171

Project ID: 16-080-00
Client ID: SB-7

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	78		%		07/15/16	W	SW846-%Solid
Soil Extraction SVOA PAH	Completed				07/15/16	NJ/CKV	SW3545A
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	ND	220	ug/Kg	50	07/21/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	220	ug/Kg	50	07/21/16	JLI	SW8260C
Benzene	ND	450	ug/Kg	50	07/21/16	JLI	SW8260C
Ethylbenzene	ND	450	ug/Kg	50	07/21/16	JLI	SW8260C
Isopropylbenzene	ND	220	ug/Kg	50	07/21/16	JLI	SW8260C
m&p-Xylene	270	250	ug/Kg	50	07/21/16	JLI	SW8260C
Methyl t-Butyl Ether (MTBE)	ND	220	ug/Kg	50	07/21/16	JLI	SW8260C
Naphthalene	540	220	ug/Kg	50	07/21/16	JLI	SW8260C
n-Butylbenzene	ND	220	ug/Kg	50	07/21/16	JLI	SW8260C
n-Propylbenzene	ND	220	ug/Kg	50	07/21/16	JLI	SW8260C
o-Xylene	ND	450	ug/Kg	50	07/21/16	JLI	SW8260C
p-Isopropyltoluene	ND	220	ug/Kg	50	07/21/16	JLI	SW8260C
sec-Butylbenzene	ND	220	ug/Kg	50	07/21/16	JLI	SW8260C
tert-Butylbenzene	ND	220	ug/Kg	50	07/21/16	JLI	SW8260C
Toluene	ND	450	ug/Kg	50	07/21/16	JLI	SW8260C
Total Xylenes	270	250	ug/Kg	50	07/21/16	JLI	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4	100		%	50	07/21/16	JLI	70 - 130 %
% Bromofluorobenzene	95		%	50	07/21/16	JLI	70 - 130 %
% Dibromofluoromethane	85		%	50	07/21/16	JLI	70 - 130 %
% Toluene-d8	97		%	50	07/21/16	JLI	70 - 130 %
Semivolatiles-STARS/CP-51							
Acenaphthene	1900	290	ug/Kg	1	07/16/16	DD	SW8270D

Project ID: 16-080-00
Client ID: SB-7

Phoenix I.D.: BN74171

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	ND	290	ug/Kg	1	07/16/16	DD	SW8270D
Anthracene	2100	290	ug/Kg	1	07/16/16	DD	SW8270D
Benz(a)anthracene	2400	290	ug/Kg	1	07/16/16	DD	SW8270D
Benzo(a)pyrene	2000	290	ug/Kg	1	07/16/16	DD	SW8270D
Benzo(b)fluoranthene	1900	290	ug/Kg	1	07/16/16	DD	SW8270D
Benzo(ghi)perylene	820	290	ug/Kg	1	07/16/16	DD	SW8270D
Benzo(k)fluoranthene	1800	290	ug/Kg	1	07/16/16	DD	SW8270D
Chrysene	2400	290	ug/Kg	1	07/16/16	DD	SW8270D
Dibenz(a,h)anthracene	320	290	ug/Kg	1	07/16/16	DD	SW8270D
Fluoranthene	5500	290	ug/Kg	1	07/16/16	DD	SW8270D
Fluorene	2000	290	ug/Kg	1	07/16/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	1000	290	ug/Kg	1	07/16/16	DD	SW8270D
Naphthalene	ND	290	ug/Kg	1	07/16/16	DD	SW8270D
Phenanthrene	6500	290	ug/Kg	1	07/16/16	DD	SW8270D
Pyrene	5100	290	ug/Kg	1	07/16/16	DD	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	73		%	1	07/16/16	DD	30 - 130 %
% Nitrobenzene-d5	67		%	1	07/16/16	DD	30 - 130 %
% Terphenyl-d14	66		%	1	07/16/16	DD	30 - 130 %

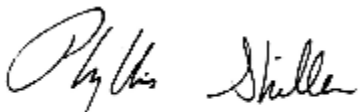
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report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

Comments:

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

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

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



Phyllis Shiller, Laboratory Director
July 27, 2016
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

NY # 11301

Analysis Report

July 27, 2016

FOR: Attn: Ms. Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/14/16	11:30
Location Code:	GC-ENV	Received by:	LB	07/15/16	16:56
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	10635				

Laboratory Data

SDG ID: GBN74165
Phoenix ID: BN74172

Project ID: 16-080-00
Client ID: SB-8

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	81		%		07/15/16	W	SW846-%Solid
Soil Extraction SVOA PAH	Completed				07/15/16	NJ/CKV	SW3545A
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	ND	2.0	ug/Kg	1	07/21/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	2.0	ug/Kg	1	07/21/16	JLI	SW8260C
Benzene	ND	4.0	ug/Kg	1	07/21/16	JLI	SW8260C
Ethylbenzene	ND	4.0	ug/Kg	1	07/21/16	JLI	SW8260C
Isopropylbenzene	2.3	2.0	ug/Kg	1	07/21/16	JLI	SW8260C
m&p-Xylene	13	4.0	ug/Kg	1	07/21/16	JLI	SW8260C
Methyl t-Butyl Ether (MTBE)	ND	2.0	ug/Kg	1	07/21/16	JLI	SW8260C
Naphthalene	4.8	2.0	ug/Kg	1	07/21/16	JLI	SW8260C
n-Butylbenzene	5.0	2.0	ug/Kg	1	07/21/16	JLI	SW8260C
n-Propylbenzene	2.4	2.0	ug/Kg	1	07/21/16	JLI	SW8260C
o-Xylene	5.0	4.0	ug/Kg	1	07/21/16	JLI	SW8260C
p-Isopropyltoluene	ND	2.0	ug/Kg	1	07/21/16	JLI	SW8260C
sec-Butylbenzene	3.0	2.0	ug/Kg	1	07/21/16	JLI	SW8260C
tert-Butylbenzene	ND	2.0	ug/Kg	1	07/21/16	JLI	SW8260C
Toluene	ND	4.0	ug/Kg	1	07/21/16	JLI	SW8260C
Total Xylenes	18.0	4.0	ug/Kg	1	07/21/16	JLI	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4	99		%	1	07/21/16	JLI	70 - 130 %
% Bromofluorobenzene	96		%	1	07/21/16	JLI	70 - 130 %
% Dibromofluoromethane	96		%	1	07/21/16	JLI	70 - 130 %
% Toluene-d8	95		%	1	07/21/16	JLI	70 - 130 %
Semivolatiles-STARS/CP-51							
Acenaphthene	ND	280	ug/Kg	1	07/16/16	DD	SW8270D

Project ID: 16-080-00
Client ID: SB-8

Phoenix I.D.: BN74172

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	ND	280	ug/Kg	1	07/16/16	DD	SW8270D
Anthracene	330	280	ug/Kg	1	07/16/16	DD	SW8270D
Benz(a)anthracene	880	280	ug/Kg	1	07/16/16	DD	SW8270D
Benzo(a)pyrene	870	280	ug/Kg	1	07/16/16	DD	SW8270D
Benzo(b)fluoranthene	860	280	ug/Kg	1	07/16/16	DD	SW8270D
Benzo(ghi)perylene	450	280	ug/Kg	1	07/16/16	DD	SW8270D
Benzo(k)fluoranthene	780	280	ug/Kg	1	07/16/16	DD	SW8270D
Chrysene	920	280	ug/Kg	1	07/16/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	280	ug/Kg	1	07/16/16	DD	SW8270D
Fluoranthene	1500	280	ug/Kg	1	07/16/16	DD	SW8270D
Fluorene	ND	280	ug/Kg	1	07/16/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	530	280	ug/Kg	1	07/16/16	DD	SW8270D
Naphthalene	ND	280	ug/Kg	1	07/16/16	DD	SW8270D
Phenanthrene	1100	280	ug/Kg	1	07/16/16	DD	SW8270D
Pyrene	1300	280	ug/Kg	1	07/16/16	DD	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	67		%	1	07/16/16	DD	30 - 130 %
% Nitrobenzene-d5	47		%	1	07/16/16	DD	30 - 130 %
% Terphenyl-d14	59		%	1	07/16/16	DD	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded 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.

Phyllis Shiller, Laboratory Director
July 27, 2016
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

NY # 11301

Analysis Report

July 27, 2016

FOR: Attn: Ms. Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		07/14/16	12:00
Location Code:	GC-ENV	Received by:	LB	07/15/16	16:56
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	10635				

Laboratory Data

SDG ID: GBN74165
Phoenix ID: BN74173

Project ID: 16-080-00
Client ID: GW-1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver (Dissolved)	< 0.001	0.001	mg/L	1	07/16/16	LK	SW6010C
Arsenic (Dissolved)	0.075	0.004	mg/L	1	07/16/16	LK	SW6010C
Barium (Dissolved)	0.026	0.002	mg/L	1	07/16/16	LK	SW6010C
Cadmium (Dissolved)	< 0.001	0.001	mg/L	1	07/16/16	LK	SW6010C
Chromium (Dissolved)	0.003	0.001	mg/L	1	07/16/16	LK	SW6010C
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	1	07/19/16	RS	SW7470A
Lead (Dissolved)	0.010	0.002	mg/L	1	07/16/16	LK	SW6010C
Selenium (Dissolved)	0.049	0.011	mg/L	1	07/16/16	LK	E200.7-10
Filtration	Completed				07/15/16	AG	0.45um Filter
Mercury Dissolved Digestion	Completed				07/19/16	W/W	SW7470A
Semi-Volatile Extraction	Completed				07/17/16	P/UU	SW3520C
Dissolved Metals Preparation	Completed				07/15/16	AG	SW3005A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	10	ug/L	10	07/18/16	MH	SW8260C
1,1,1-Trichloroethane	ND	10	ug/L	10	07/18/16	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	10	07/18/16	MH	SW8260C
1,1,2-Trichloroethane	ND	10	ug/L	10	07/18/16	MH	SW8260C
1,1-Dichloroethane	ND	10	ug/L	10	07/18/16	MH	SW8260C
1,1-Dichloroethene	ND	10	ug/L	10	07/18/16	MH	SW8260C
1,1-Dichloropropene	ND	10	ug/L	10	07/18/16	MH	SW8260C
1,2,3-Trichlorobenzene	ND	10	ug/L	10	07/18/16	MH	SW8260C
1,2,3-Trichloropropane	ND	10	ug/L	10	07/18/16	MH	SW8260C
1,2,4-Trichlorobenzene	ND	10	ug/L	10	07/18/16	MH	SW8260C
1,2,4-Trimethylbenzene	220	10	ug/L	10	07/18/16	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	10	ug/L	10	07/18/16	MH	SW8260C
1,2-Dibromoethane	ND	10	ug/L	10	07/18/16	MH	SW8260C
1,2-Dichlorobenzene	ND	10	ug/L	10	07/18/16	MH	SW8260C

Project ID: 16-080-00
Client ID: GW-1

Phoenix I.D.: BN74173

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
1,2-Dichloroethane	ND	6.0	ug/L	10	07/18/16	MH	SW8260C	
1,2-Dichloropropane	ND	10	ug/L	10	07/18/16	MH	SW8260C	
1,3,5-Trimethylbenzene	56	10	ug/L	10	07/18/16	MH	SW8260C	
1,3-Dichlorobenzene	ND	10	ug/L	10	07/18/16	MH	SW8260C	
1,3-Dichloropropane	ND	10	ug/L	10	07/18/16	MH	SW8260C	
1,4-Dichlorobenzene	ND	10	ug/L	10	07/18/16	MH	SW8260C	
2,2-Dichloropropane	ND	10	ug/L	10	07/18/16	MH	SW8260C	
2-Chlorotoluene	ND	10	ug/L	10	07/18/16	MH	SW8260C	
2-Hexanone	ND	50	ug/L	10	07/18/16	MH	SW8260C	
2-Isopropyltoluene	ND	10	ug/L	10	07/18/16	MH	SW8260C	1
4-Chlorotoluene	ND	10	ug/L	10	07/18/16	MH	SW8260C	
4-Methyl-2-pentanone	ND	50	ug/L	10	07/18/16	MH	SW8260C	
Acetone	ND	250	ug/L	10	07/18/16	MH	SW8260C	
Acrylonitrile	ND	50	ug/L	10	07/18/16	MH	SW8260C	
Benzene	31	7.0	ug/L	10	07/18/16	MH	SW8260C	
Bromobenzene	ND	10	ug/L	10	07/18/16	MH	SW8260C	
Bromochloromethane	ND	10	ug/L	10	07/18/16	MH	SW8260C	
Bromodichloromethane	ND	5.0	ug/L	10	07/18/16	MH	SW8260C	
Bromoform	ND	10	ug/L	10	07/18/16	MH	SW8260C	
Bromomethane	ND	10	ug/L	10	07/18/16	MH	SW8260C	
Carbon Disulfide	ND	50	ug/L	10	07/18/16	MH	SW8260C	
Carbon tetrachloride	ND	10	ug/L	10	07/18/16	MH	SW8260C	
Chlorobenzene	ND	10	ug/L	10	07/18/16	MH	SW8260C	
Chloroethane	ND	10	ug/L	10	07/18/16	MH	SW8260C	
Chloroform	ND	10	ug/L	10	07/18/16	MH	SW8260C	
Chloromethane	ND	10	ug/L	10	07/18/16	MH	SW8260C	
cis-1,2-Dichloroethene	ND	10	ug/L	10	07/18/16	MH	SW8260C	
cis-1,3-Dichloropropene	ND	4.0	ug/L	10	07/18/16	MH	SW8260C	
Dibromochloromethane	ND	5.0	ug/L	10	07/18/16	MH	SW8260C	
Dibromomethane	ND	10	ug/L	10	07/18/16	MH	SW8260C	
Dichlorodifluoromethane	ND	10	ug/L	10	07/18/16	MH	SW8260C	
Ethylbenzene	57	10	ug/L	10	07/18/16	MH	SW8260C	
Hexachlorobutadiene	ND	4.0	ug/L	10	07/18/16	MH	SW8260C	
Isopropylbenzene	14	10	ug/L	10	07/18/16	MH	SW8260C	
m&p-Xylene	160	10	ug/L	10	07/18/16	MH	SW8260C	
Methyl ethyl ketone	ND	50	ug/L	10	07/18/16	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	10	ug/L	10	07/18/16	MH	SW8260C	
Methylene chloride	ND	10	ug/L	10	07/18/16	MH	SW8260C	
Naphthalene	50	10	ug/L	10	07/18/16	MH	SW8260C	
n-Butylbenzene	ND	10	ug/L	10	07/18/16	MH	SW8260C	
n-Propylbenzene	26	10	ug/L	10	07/18/16	MH	SW8260C	
o-Xylene	82	10	ug/L	10	07/18/16	MH	SW8260C	
p-Isopropyltoluene	ND	10	ug/L	10	07/18/16	MH	SW8260C	
sec-Butylbenzene	ND	10	ug/L	10	07/18/16	MH	SW8260C	
Styrene	ND	10	ug/L	10	07/18/16	MH	SW8260C	
tert-Butylbenzene	ND	10	ug/L	10	07/18/16	MH	SW8260C	
Tetrachloroethene	ND	10	ug/L	10	07/18/16	MH	SW8260C	
Tetrahydrofuran (THF)	ND	25	ug/L	10	07/18/16	MH	SW8260C	1
Toluene	110	10	ug/L	10	07/18/16	MH	SW8260C	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Total Xylenes	242	10	ug/L	10	07/18/16	MH	SW8260C
trans-1,2-Dichloroethene	ND	10	ug/L	10	07/18/16	MH	SW8260C
trans-1,3-Dichloropropene	ND	4.0	ug/L	10	07/18/16	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	50	ug/L	10	07/18/16	MH	SW8260C
Trichloroethene	ND	10	ug/L	10	07/18/16	MH	SW8260C
Trichlorofluoromethane	ND	10	ug/L	10	07/18/16	MH	SW8260C
Trichlorotrifluoroethane	ND	10	ug/L	10	07/18/16	MH	SW8260C
Vinyl chloride	ND	10	ug/L	10	07/18/16	MH	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	10	07/18/16	MH	70 - 130 %
% Bromofluorobenzene	99		%	10	07/18/16	MH	70 - 130 %
% Dibromofluoromethane	99		%	10	07/18/16	MH	70 - 130 %
% Toluene-d8	101		%	10	07/18/16	MH	70 - 130 %
Semivolatiles							
1,2,4-Trichlorobenzene	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
1,2-Dichlorobenzene	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
1,2-Diphenylhydrazine	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
1,3-Dichlorobenzene	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
1,4-Dichlorobenzene	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
2,4-Dinitrotoluene	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
2,6-Dinitrotoluene	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
2-Chloronaphthalene	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
2-Methylnaphthalene	140	50	ug/L	10	07/20/16	DD	SW8270D/E625
2-Nitroaniline	ND	500	ug/L	10	07/20/16	DD	SW8270D/E625
3,3'-Dichlorobenzidine	ND	200	ug/L	10	07/20/16	DD	SW8270D/E625
3-Nitroaniline	ND	500	ug/L	10	07/20/16	DD	SW8270D/E625
4-Bromophenyl phenyl ether	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
4-Chloroaniline	ND	200	ug/L	10	07/20/16	DD	SW8270D/E625
4-Chlorophenyl phenyl ether	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
4-Nitroaniline	ND	500	ug/L	10	07/20/16	DD	SW8270D/E625
Acenaphthene	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
Acenaphthylene	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
Anthracene	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
Benz(a)anthracene	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
Benzidine	ND	200	ug/L	10	07/20/16	DD	SW8270D/E625
Benzo(a)pyrene	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
Benzo(b)fluoranthene	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
Benzo(ghi)perylene	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
Benzo(k)fluoranthene	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
Benzoic acid	ND	500	ug/L	10	07/20/16	DD	SW8270D/E625
Benzyl Alcohol	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
Benzyl butyl phthalate	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
Bis(2-chloroethoxy)methane	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
Bis(2-chloroethyl)ether	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
Bis(2-chloroisopropyl)ether	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
Bis(2-ethylhexyl)phthalate	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
Chrysene	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
Dibenz(a,h)anthracene	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
Dibenzofuran	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625

Project ID: 16-080-00
Client ID: GW-1

Phoenix I.D.: BN74173

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Diethyl phthalate	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
Dimethylphthalate	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
Di-n-butylphthalate	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
Di-n-octylphthalate	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
Fluoranthene	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
Fluorene	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
Hexachlorobenzene	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
Hexachlorobutadiene	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
Hexachlorocyclopentadiene	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
Hexachloroethane	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
Indeno(1,2,3-cd)pyrene	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
Isophorone	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
Naphthalene	60	50	ug/L	10	07/20/16	DD	SW8270D/E625
Nitrobenzene	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
N-Nitrosodimethylamine	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
N-Nitrosodi-n-propylamine	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
N-Nitrosodiphenylamine	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
Phenanthrene	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
Pyrene	ND	50	ug/L	10	07/20/16	DD	SW8270D/E625
QA/QC Surrogates							
% 2-Fluorobiphenyl	Diluted Out		%	10	07/20/16	DD	30 - 130 %
% Nitrobenzene-d5	Diluted Out		%	10	07/20/16	DD	30 - 130 %
% Terphenyl-d14	Diluted Out		%	10	07/20/16	DD	30 - 130 %

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

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

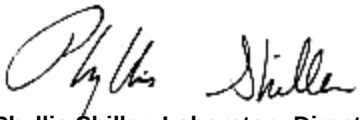
Comments:

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

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

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

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



Phyllis Shiller, Laboratory Director
July 27, 2016
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

NY # 11301

QA/QC Report

July 27, 2016

QA/QC Data

SDG I.D.: GBN74165

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 352430 (mg/L), QC Sample No: BN73818 (BN74173)													
ICP Metals - Dissolved													
Arsenic	BRL	0.004	<0.004	<0.004	NC	99.9			101			75 - 125	20
Barium	BRL	0.002	0.019	0.019	0	104			104			75 - 125	20
Cadmium	BRL	0.001	<0.001	<0.001	NC	101			100			75 - 125	20
Chromium	BRL	0.001	<0.001	<0.001	NC	99.4			99.6			75 - 125	20
Lead	BRL	0.002	<0.002	<0.002	NC	99.9			99.7			75 - 125	20
Silver	BRL	0.001	<0.001	<0.001	NC	96.9			97.6			75 - 125	20
QA/QC Batch 352609 (mg/L), QC Sample No: BN74736 (BN74173)													
Mercury (Dissolved)	BRL	0.0002	<0.0002	<0.0003	NC	91.1			89.6			70 - 130	20

Comment:

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

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NY # 11301

QA/QC Report

July 27, 2016

QA/QC Data

SDG I.D.: GBN74165

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 352451 (ug/L), QC Sample No: BN72942 (BN74173)											
Semivolatiles - Ground Water											
1,2,4-Trichlorobenzene	ND	3.5	68	67	1.5				30 - 130	20	
1,2-Dichlorobenzene	ND	1.0	55	55	0.0				30 - 130	20	
1,2-Diphenylhydrazine	ND	1.6	71	70	1.4				30 - 130	20	
1,3-Dichlorobenzene	ND	1.0	53	52	1.9				30 - 130	20	
1,4-Dichlorobenzene	ND	1.0	54	52	3.8				30 - 130	20	
2,4-Dinitrotoluene	ND	3.5	76	76	0.0				30 - 130	20	
2,6-Dinitrotoluene	ND	3.5	75	75	0.0				30 - 130	20	
2-Chloronaphthalene	ND	3.5	69	68	1.5				30 - 130	20	
2-Methylnaphthalene	ND	3.5	73	74	1.4				30 - 130	20	
2-Nitroaniline	ND	3.5	75	76	1.3				30 - 130	20	
3,3'-Dichlorobenzidine	ND	5.0	43	50	15.1				30 - 130	20	
3-Nitroaniline	ND	5.0	66	66	0.0				30 - 130	20	
4-Bromophenyl phenyl ether	ND	3.5	80	80	0.0				30 - 130	20	
4-Chloroaniline	ND	3.5	58	79	30.7				30 - 130	20	r
4-Chlorophenyl phenyl ether	ND	1.0	66	65	1.5				30 - 130	20	
4-Nitroaniline	ND	5.0	76	76	0.0				30 - 130	20	
Acenaphthene	ND	1.5	68	67	1.5				30 - 130	20	
Acenaphthylene	ND	3.5	66	67	1.5				30 - 130	20	
Anthracene	ND	1.5	76	75	1.3				30 - 130	20	
Benz(a)anthracene	ND	1.5	78	78	0.0				30 - 130	20	
Benzidine	ND	4.5	<10	82	NC				30 - 130	20	I
Benzo(a)pyrene	ND	1.5	70	70	0.0				30 - 130	20	
Benzo(b)fluoranthene	ND	1.5	79	80	1.3				30 - 130	20	
Benzo(ghi)perylene	ND	1.5	79	79	0.0				30 - 130	20	
Benzo(k)fluoranthene	ND	1.5	71	66	7.3				30 - 130	20	
Benzoic acid	ND	10	109	111	1.8				30 - 130	20	
Benzyl Alcohol	ND	5.0	80	85	6.1				30 - 130	20	
Benzyl butyl phthalate	ND	1.5	85	84	1.2				30 - 130	20	
Bis(2-chloroethoxy)methane	ND	3.5	81	84	3.6				30 - 130	20	
Bis(2-chloroethyl)ether	ND	1.0	57	56	1.8				30 - 130	20	
Bis(2-chloroisopropyl)ether	ND	1.0	61	61	0.0				30 - 130	20	
Bis(2-ethylhexyl)phthalate	ND	1.5	89	87	2.3				30 - 130	20	
Chrysene	ND	1.5	78	73	6.6				30 - 130	20	
Dibenz(a,h)anthracene	ND	1.5	79	79	0.0				30 - 130	20	
Dibenzofuran	ND	3.5	71	70	1.4				30 - 130	20	
Diethyl phthalate	ND	1.5	71	67	5.8				30 - 130	20	
Dimethylphthalate	ND	1.5	73	72	1.4				30 - 130	20	
Di-n-butylphthalate	ND	1.5	86	86	0.0				30 - 130	20	
Di-n-octylphthalate	ND	1.5	86	84	2.4				30 - 130	20	
Fluoranthene	ND	1.5	79	79	0.0				30 - 130	20	
Fluorene	ND	1.5	74	73	1.4				30 - 130	20	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Hexachlorobenzene	ND	3.5	80	79	1.3				30 - 130	20
Hexachlorobutadiene	ND	3.5	68	67	1.5				30 - 130	20
Hexachlorocyclopentadiene	ND	3.5	49	48	2.1				30 - 130	20
Hexachloroethane	ND	3.5	54	53	1.9				30 - 130	20
Indeno(1,2,3-cd)pyrene	ND	3.5	78	79	1.3				30 - 130	20
Isophorone	ND	3.5	76	78	2.6				30 - 130	20
Naphthalene	ND	1.5	70	72	2.8				30 - 130	20
Nitrobenzene	ND	3.5	65	67	3.0				30 - 130	20
N-Nitrosodimethylamine	ND	1.0	44	48	8.7				30 - 130	20
N-Nitrosodi-n-propylamine	ND	3.5	72	75	4.1				30 - 130	20
N-Nitrosodiphenylamine	ND	3.5	76	75	1.3				30 - 130	20
Phenanthrene	ND	1.5	74	73	1.4				30 - 130	20
Pyrene	ND	1.5	79	79	0.0				30 - 130	20
% 2-Fluorobiphenyl	68	%	64	62	3.2				30 - 130	20
% Nitrobenzene-d5	69	%	64	67	4.6				30 - 130	20
% Terphenyl-d14	85	%	82	84	2.4				30 - 130	20

Comment:

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

QA/QC Batch 352626 (ug/L), QC Sample No: BN73810 (BN74173 (10X))

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	88	95	7.7				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	85	95	11.1				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	85	93	9.0				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	80	89	10.7				70 - 130	30
1,1-Dichloroethane	ND	1.0	86	93	7.8				70 - 130	30
1,1-Dichloroethene	ND	1.0	87	98	11.9				70 - 130	30
1,1-Dichloropropene	ND	1.0	85	96	12.2				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	81	89	9.4				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	82	89	8.2				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	83	92	10.3				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	86	94	8.9				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	85	88	3.5				70 - 130	30
1,2-Dibromoethane	ND	1.0	85	91	6.8				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	83	90	8.1				70 - 130	30
1,2-Dichloroethane	ND	1.0	83	89	7.0				70 - 130	30
1,2-Dichloropropane	ND	1.0	84	91	8.0				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	86	96	11.0				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	84	92	9.1				70 - 130	30
1,3-Dichloropropane	ND	1.0	82	89	8.2				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	84	92	9.1				70 - 130	30
2,2-Dichloropropane	ND	1.0	74	93	22.8				70 - 130	30
2-Chlorotoluene	ND	1.0	87	96	9.8				70 - 130	30
2-Hexanone	ND	5.0	76	84	10.0				70 - 130	30
2-Isopropyltoluene	ND	1.0	86	96	11.0				70 - 130	30
4-Chlorotoluene	ND	1.0	83	92	10.3				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	78	83	6.2				70 - 130	30
Acetone	ND	5.0	66	67	1.5				70 - 130	30
Acrylonitrile	ND	5.0	81	89	9.4				70 - 130	30
Benzene	ND	0.70	86	94	8.9				70 - 130	30
Bromobenzene	ND	1.0	86	94	8.9				70 - 130	30
Bromochloromethane	ND	1.0	86	92	6.7				70 - 130	30

QA/QC Data

SDG I.D.: GBN74165

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Bromodichloromethane	ND	0.50	88	93	5.5				70 - 130	30
Bromoform	ND	1.0	87	97	10.9				70 - 130	30
Bromomethane	ND	1.0	84	99	16.4				70 - 130	30
Carbon Disulfide	ND	1.0	88	98	10.8				70 - 130	30
Carbon tetrachloride	ND	1.0	84	95	12.3				70 - 130	30
Chlorobenzene	ND	1.0	85	92	7.9				70 - 130	30
Chloroethane	ND	1.0	85	95	11.1				70 - 130	30
Chloroform	ND	1.0	86	92	6.7				70 - 130	30
Chloromethane	ND	1.0	81	87	7.1				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	85	92	7.9				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	80	89	10.7				70 - 130	30
Dibromochloromethane	ND	0.50	87	95	8.8				70 - 130	30
Dibromomethane	ND	1.0	82	89	8.2				70 - 130	30
Dichlorodifluoromethane	ND	1.0	81	93	13.8				70 - 130	30
Ethylbenzene	ND	1.0	87	95	8.8				70 - 130	30
Hexachlorobutadiene	ND	0.40	83	95	13.5				70 - 130	30
Isopropylbenzene	ND	1.0	85	95	11.1				70 - 130	30
m&p-Xylene	ND	1.0	87	95	8.8				70 - 130	30
Methyl ethyl ketone	ND	5.0	81	86	6.0				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	87	94	7.7				70 - 130	30
Methylene chloride	ND	1.0	73	80	9.2				70 - 130	30
Naphthalene	ND	1.0	85	92	7.9				70 - 130	30
n-Butylbenzene	ND	1.0	82	94	13.6				70 - 130	30
n-Propylbenzene	ND	1.0	83	93	11.4				70 - 130	30
o-Xylene	ND	1.0	85	93	9.0				70 - 130	30
p-Isopropyltoluene	ND	1.0	86	97	12.0				70 - 130	30
sec-Butylbenzene	ND	1.0	86	97	12.0				70 - 130	30
Styrene	ND	1.0	86	93	7.8				70 - 130	30
tert-Butylbenzene	ND	1.0	85	94	10.1				70 - 130	30
Tetrachloroethene	ND	1.0	82	94	13.6				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	78	83	6.2				70 - 130	30
Toluene	ND	1.0	85	93	9.0				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	85	95	11.1				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	79	88	10.8				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	82	94	13.6				70 - 130	30
Trichloroethene	ND	1.0	84	93	10.2				70 - 130	30
Trichlorofluoromethane	ND	1.0	83	92	10.3				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	83	97	15.6				70 - 130	30
Vinyl chloride	ND	1.0	84	95	12.3				70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	99	99	0.0				70 - 130	30
% Bromofluorobenzene	96	%	100	101	1.0				70 - 130	30
% Dibromofluoromethane	98	%	98	97	1.0				70 - 130	30
% Toluene-d8	100	%	100	100	0.0				70 - 130	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

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

QA/QC Batch 352395 (ug/kg), QC Sample No: BN74290 (BN74165, BN74166, BN74167, BN74168, BN74169, BN74170, BN74171, BN74172)

Polynuclear Aromatic HC - Soil

Acenaphthene	ND	230	68	62	9.2	68	59	14.2	30 - 130	30
Acenaphthylene	ND	230	64	59	8.1	64	58	9.8	30 - 130	30
Anthracene	ND	230	71	64	10.4	67	60	11.0	30 - 130	30

QA/QC Data

SDG I.D.: GBN74165

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Benz(a)anthracene	ND	230	62	57	8.4	61	55	10.3	30 - 130	30
Benzo(a)pyrene	ND	230	65	58	11.4	53	54	1.9	30 - 130	30
Benzo(b)fluoranthene	ND	230	64	61	4.8	63	57	10.0	30 - 130	30
Benzo(ghi)perylene	ND	230	71	65	8.8	52	54	3.8	30 - 130	30
Benzo(k)fluoranthene	ND	230	71	60	16.8	59	62	5.0	30 - 130	30
Chrysene	ND	230	67	61	9.4	65	59	9.7	30 - 130	30
Dibenz(a,h)anthracene	ND	230	72	65	10.2	56	60	6.9	30 - 130	30
Fluoranthene	ND	230	65	59	9.7	61	56	8.5	30 - 130	30
Fluorene	ND	230	69	63	9.1	69	62	10.7	30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	230	70	62	12.1	52	53	1.9	30 - 130	30
Naphthalene	ND	230	69	60	14.0	68	61	10.9	30 - 130	30
Phenanthrene	ND	230	73	63	14.7	67	61	9.4	30 - 130	30
Pyrene	ND	230	68	62	9.2	63	57	10.0	30 - 130	30
% 2-Fluorobiphenyl	62	%	60	56	6.9	59	55	7.0	30 - 130	30
% Nitrobenzene-d5	66	%	68	59	14.2	68	60	12.5	30 - 130	30
% Terphenyl-d14	69	%	66	59	11.2	58	52	10.9	30 - 130	30

QA/QC Batch 352966 (ug/kg), QC Sample No: BN76736 (BN74165, BN74166, BN74167, BN74169, BN74171 (50X) , BN74172)

Volatiles - Soil

1,2,4-Trimethylbenzene	ND	1.0	91	93	2.2	83	84	1.2	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	92	94	2.2	88	89	1.1	70 - 130	30
Benzene	ND	1.0	93	94	1.1	92	92	0.0	70 - 130	30
Ethylbenzene	ND	1.0	94	94	0.0	92	92	0.0	70 - 130	30
Isopropylbenzene	ND	1.0	92	93	1.1	89	90	1.1	70 - 130	30
m&p-Xylene	ND	2.0	94	94	0.0	89	90	1.1	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	87	88	1.1	85	83	2.4	70 - 130	30
Naphthalene	ND	5.0	86	90	4.5	93	92	1.1	70 - 130	30
n-Butylbenzene	ND	1.0	91	94	3.2	84	86	2.4	70 - 130	30
n-Propylbenzene	ND	1.0	89	92	3.3	86	88	2.3	70 - 130	30
o-Xylene	ND	2.0	91	92	1.1	91	92	1.1	70 - 130	30
p-Isopropyltoluene	ND	1.0	94	96	2.1	88	91	3.4	70 - 130	30
sec-Butylbenzene	ND	1.0	96	98	2.1	90	92	2.2	70 - 130	30
tert-Butylbenzene	ND	1.0	92	94	2.2	88	90	2.2	70 - 130	30
Toluene	ND	1.0	91	93	2.2	91	90	1.1	70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	100	101	1.0	100	101	1.0	70 - 130	30
% Bromofluorobenzene	94	%	101	100	1.0	100	98	2.0	70 - 130	30
% Dibromofluoromethane	94	%	101	101	0.0	100	100	0.0	70 - 130	30
% Toluene-d8	97	%	99	100	1.0	100	99	1.0	70 - 130	30

Comment:

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

QA/QC Batch 353344 (ug/kg), QC Sample No: BN76779 (BN74167 (50X) , BN74168 (50X) , BN74169 (50X) , BN74170)

Volatiles - Soil

1,2,4-Trimethylbenzene	ND	1.0	104	104	0.0	102	102	0.0	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	104	104	0.0	101	103	2.0	70 - 130	30
Benzene	ND	1.0	103	103	0.0	100	101	1.0	70 - 130	30
Ethylbenzene	ND	1.0	107	107	0.0	105	106	0.9	70 - 130	30
Isopropylbenzene	ND	1.0	102	103	1.0	101	101	0.0	70 - 130	30
m&p-Xylene	ND	2.0	107	107	0.0	105	105	0.0	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	98	98	0.0	89	89	0.0	70 - 130	30
Naphthalene	ND	5.0	105	109	3.7	108	110	1.8	70 - 130	30
n-Butylbenzene	ND	1.0	106	103	2.9	103	104	1.0	70 - 130	30
n-Propylbenzene	ND	1.0	102	101	1.0	100	100	0.0	70 - 130	30

QA/QC Data

SDG I.D.: GBN74165

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
o-Xylene	ND	2.0	105	106	0.9	105	106	0.9	70 - 130	30
p-Isopropyltoluene	ND	1.0	107	106	0.9	105	106	0.9	70 - 130	30
sec-Butylbenzene	ND	1.0	107	106	0.9	105	107	1.9	70 - 130	30
tert-Butylbenzene	ND	1.0	102	103	1.0	101	102	1.0	70 - 130	30
Toluene	ND	1.0	104	102	1.9	101	102	1.0	70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	101	100	1.0	102	102	0.0	70 - 130	30
% Bromofluorobenzene	93	%	103	102	1.0	101	101	0.0	70 - 130	30
% Dibromofluoromethane	96	%	101	102	1.0	99	101	2.0	70 - 130	30
% Toluene-d8	98	%	101	99	2.0	99	99	0.0	70 - 130	30

Comment:

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

QA/QC Batch 353622 (ug/kg), QC Sample No: BN78178 (BN74165 (50X))

Volatiles - Soil

Naphthalene	ND	5.0	113	101	11.2	102	102	0.0	70 - 130	30

Comment:

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

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.
r = This parameter is outside laboratory RPD specified recovery limits.

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

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

Phyllis Shiller, Laboratory Director
July 27, 2016

Sample Criteria Exceedences Report

GBN74165 - GC-ENV

Criteria: NY: 375, CP51S, TAGS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BN74165	$8270SSR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100	280	800	800	ug/Kg
BN74165	$8270SSR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2000	280	1000	1000	ug/Kg
BN74165	$8270SSR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	790	280	500	500	ug/Kg
BN74165	$8270SSR	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2100	280	1000	1000	ug/Kg
BN74165	$8270SSR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100	280	1000	1000	ug/Kg
BN74165	$8270SSR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1500	280	1000	1000	ug/Kg
BN74165	$8270SSR	Benzo(a)pyrene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	1500	280	1000	1000	ug/Kg
BN74165	$8270SSR	Benzo(b)fluoranthene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	1100	280	1000	1000	ug/Kg
BN74165	$8270SSR	Indeno(1,2,3-cd)pyrene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	790	280	500	500	ug/Kg
BN74165	$8270SSR	Chrysene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	2100	280	1000	1000	ug/Kg
BN74165	$8270SSR	Benz(a)anthracene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	2000	280	1000	1000	ug/Kg
BN74165	$8270SSR	Benzo(k)fluoranthene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	1100	280	800	800	ug/Kg
BN74165	$8270SSR	Chrysene	NY / TAGM - Semi-Volatiles / Soil Standards	2100	280	400	330	ug/Kg
BN74165	$8270SSR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Soil Standards	2000	280	224	330	ug/Kg
BN74168	$8021SS_MAR	Total Xylenes	NY / 375-6.8 Volatiles / Unrestricted Use Soil	1000	580	260	260	ug/Kg
BN74168	$8021SS_MAR	Total Xylenes	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	1000	580	260	260	ug/Kg
BN74168	$8021SS_MAR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	580	60	60	ug/Kg
BN74168	$8021SS_MAR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	4000	290	3600	3600	ug/Kg
BN74168	$8021SS_MAR	Benzene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	ND	580	60	60	ug/Kg
BN74168	$8021SS_MAR	1,2,4-Trimethylbenzene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	4000	290	3600	3600	ug/Kg
BN74168	$8021SS_MAR	Benzene	NY / TAGM - Volatile Organics / Soil Standards	ND	580	60	5	ug/Kg
BN74168	$8270SSR	Acenaphthene	NY / TAGM - Semi-Volatiles / Soil Standards	ND	340		330	ug/Kg
BN74168	$8270SSR	Fluorene	NY / TAGM - Semi-Volatiles / Soil Standards	ND	340		330	ug/Kg
BN74168	$8270SSR	Phenanthrene	NY / TAGM - Semi-Volatiles / Soil Standards	ND	340		330	ug/Kg
BN74168	$8270SSR	Anthracene	NY / TAGM - Semi-Volatiles / Soil Standards	ND	340		330	ug/Kg
BN74168	$8270SSR	Fluoranthene	NY / TAGM - Semi-Volatiles / Soil Standards	ND	340		330	ug/Kg
BN74168	$8270SSR	Pyrene	NY / TAGM - Semi-Volatiles / Soil Standards	ND	340		330	ug/Kg
BN74168	$8270SSR	Benzo(ghi)perylene	NY / TAGM - Semi-Volatiles / Soil Standards	ND	340		330	ug/Kg
BN74169	$8021SS_MAR	Total Xylenes	NY / 375-6.8 Volatiles / Unrestricted Use Soil	492	330	260	260	ug/Kg
BN74169	$8021SS_MAR	Total Xylenes	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	492	330	260	260	ug/Kg
BN74170	$8270SSR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Soil Standards	470	270	224	330	ug/Kg
BN74170	$8270SSR	Chrysene	NY / TAGM - Semi-Volatiles / Soil Standards	500	270	400	330	ug/Kg
BN74171	$8021SS_MAR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	450	60	60	ug/Kg
BN74171	$8021SS_MAR	Benzene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	ND	450	60	60	ug/Kg
BN74171	$8021SS_MAR	Benzene	NY / TAGM - Volatile Organics / Soil Standards	ND	450	60	5	ug/Kg
BN74171	$8021SS_MAR	Total Xylenes	NY / 375-6.8 Volatiles / Unrestricted Use Soil	270	250	260	260	ug/Kg
BN74171	$8021SS_MAR	Total Xylenes	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	270	250	260	260	ug/Kg
BN74171	$8270SSR	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2400	290	1000	1000	ug/Kg
BN74171	$8270SSR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2000	290	1000	1000	ug/Kg

Sample Criteria Exceedences Report

GBN74165 - GC-ENV

Criteria: NY: 375, CP51S, TAGS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BN74171	$8270SSR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1000	290	500	500	ug/Kg
BN74171	$8270SSR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1800	290	800	800	ug/Kg
BN74171	$8270SSR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2400	290	1000	1000	ug/Kg
BN74171	$8270SSR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1900	290	1000	1000	ug/Kg
BN74171	$8270SSR	Chrysene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	2400	290	1000	1000	ug/Kg
BN74171	$8270SSR	Benzo(k)fluoranthene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	1800	290	800	800	ug/Kg
BN74171	$8270SSR	Indeno(1,2,3-cd)pyrene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	1000	290	500	500	ug/Kg
BN74171	$8270SSR	Benzo(b)fluoranthene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	1900	290	1000	1000	ug/Kg
BN74171	$8270SSR	Benzo(a)pyrene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	2000	290	1000	1000	ug/Kg
BN74171	$8270SSR	Benz(a)anthracene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	2400	290	1000	1000	ug/Kg
BN74171	$8270SSR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Soil Standards	1800	290	1100	330	ug/Kg
BN74171	$8270SSR	Chrysene	NY / TAGM - Semi-Volatiles / Soil Standards	2400	290	400	330	ug/Kg
BN74171	$8270SSR	Dibenz(a,h)anthracene	NY / TAGM - Semi-Volatiles / Soil Standards	320	290	14	330	ug/Kg
BN74171	$8270SSR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Soil Standards	2400	290	224	330	ug/Kg
BN74171	$8270SSR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Soil Standards	1900	290	1100	330	ug/Kg
BN74172	$8270SSR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	530	280	500	500	ug/Kg
BN74172	$8270SSR	Indeno(1,2,3-cd)pyrene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	530	280	500	500	ug/Kg
BN74172	$8270SSR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Soil Standards	880	280	224	330	ug/Kg
BN74172	$8270SSR	Chrysene	NY / TAGM - Semi-Volatiles / Soil Standards	920	280	400	330	ug/Kg

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

July 27, 2016 SDG I.D.: GBN74165

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

SVOA Narration

CHEM05 07/20/16-1: BN74173

The following Initial Calibration compounds did not meet recommended response factors: Hexachlorobenzene 0.089 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet recommended response factors: Hexachlorobenzene 0.081 (0.1)
The following Continuing Calibration compounds did not meet minimum response factors: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

VOA Narration

CHEM02 07/18/16-1: BN74173

The following Initial Calibration compounds did not meet RSD% criteria: Acetone 22% (20%), Bromoform 21% (20%), Bromomethane 31% (20%), Chloroethane 27% (20%), Methylene chloride 24% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: 1,2-Dibromo-3-chloropropane 0.035 (0.05), 2-Hexanone 0.078 (0.1), Acetone 0.050 (0.1), Bromoform 0.095 (0.1), Methyl ethyl ketone 0.069 (0.1), Tetrahydrofuran (THF) 0.047 (0.05)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet recommended response factors: 1,1,2,2-Tetrachloroethane 0.288 (0.3), 1,2-Dibromo-3-chloropropane 0.035 (0.05), Tetrahydrofuran (THF) 0.042 (0.05)
The following Continuing Calibration compounds did not meet minimum response factors: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

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

NY Temperature Narration

July 27, 2016

SDG I.D.: GBN74165

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

Cooler: Yes ☑ No ☐
Coolant: IPK ☑ ICE ☐ No ☐

PHOENIX
Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

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

Temp 4 °C Pg of

Contact Options:
☑ Fax: (631) 206 1723
☑ Phone: (631) 206 1700
☑ Email: ttaylor@gcenvironmental.com

Customer: G.C. Environmental, Inc.
Address: 22 Oak Street, Bay Shore, NY 11706

Project: 16-080-00
Report to: Tanya Taylor
Invoice to: Diana Legakis

Project P.O: 10635

This section MUST be completed with Bottle Quantities.

Sampler's Signature: Tanya Date: 7.14.16

Client Sample - Information - Identification

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

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	CR-51 List (Table 2+Table 3)	VOCs 8260	SVOCs 8270	RCRA Metals 6010/7000 (Dissolved)	Soil VOA Vials [ ] methanol [2] H2O	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [3] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
74165	SB-1	S	7.14.16	8:00 am	X				3	1								
74166	SB-2	S	7.14.16	8:30 am	X				3	1								
74167	SB-3	S	7.14.16	9:00 am	X				3	1								
74168	SB-4	S	7.14.16	9:30 am	X				3	1								
74169	SB-5	S	7.14.16	10:00 am	X				3	1								
74170	SB-6	S	7.14.16	10:30 am	X				3	1								
74171	SB-7	S	7.14.16	11:00 am	X				3	1								
74172	SB-8	S	7.14.16	11:30 am	X				3	1								
74173	GW-1	GW	7.14.16	12:00 pm		X	X	X				1	1	1				

Relinquished by:	Accepted by:	Date:	Time:
		7-15-16	12:00
		7-15-16	10:30

Comments, Special Requirements or Regulations:

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

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

NY
☑ TOGS, GW
☑ CR-51 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

APPENDIX D

Lorco Petroleum Services
450 South Front St.
Elizabeth, NJ 07202
(908) 820-8800
(800) 734-0910
FAX: (908) 820-8412

LORCO PETROLEUM SERVICES

www.lorcopetroleum.com

THIS IS NOT AN INVOICE

STANDARD COLLECTION ORDER FORM

1187666

SALES ORDER # 3332.30 G

GENERATOR/LOCATION

NAME: GAS STATION

INFORMATION/ATTENTION LINE: ACCOUNT APPROVAL CODE:

DELIVERY ADDRESS: 46-81 metropol. ave.

CITY: MASPeth. STATE: NY ZIP:

PHONE NUMBER: PURCHASE ORDER NUMBER:

TIME IN: 8:00-9:00 TIME OUT: 11:00-12:00

BILL TO (IF DIFFERENT FROM LOCATION)

NAME:

INFORMATION/ATTENTION LINE: G. C. ENVIRO ACCOUNT APPROVAL CODE:

DELIVERY ADDRESS: 2 York ST.

CITY: Raynham. STATE: NY ZIP: 11706

PHONE NUMBER: PURCHASE ORDER NUMBER:

MANIFEST NUMBER: 005243G

SHIPPING INFORMATION

This is to certify that the below named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation

NO.	TYPE	QTY.	UNIT	US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	SALES REPRESENTATIVE

SERVICE SECTION

ITEM #	DESCRIPTION	WASTE CODE	QUANTITY	UNIT PRICE	PRICE	TAX	LINE TOTAL
40500	USED OIL REMOVAL						
40300	ANTIFREEZE REMOVAL						
40400	OILY WATER DISPOSAL						
41100	SLUDGE DISPOSAL						
41000	GASOLINE/WATER	D22	.265 (33)				
40900	DRUM DISPOSAL		1-K Gas tank				
40611	NEW 55 GAL DRUMS / 17H		Pump & Junk				
40515	OIL WATER SEPARATOR SERVICE		Poly tri-cell				
41513	TANK WASHER						
41507	TANK ENTRY						
41500	TRANSPORTATION						
41508	TRUCK AND OPERATOR						
41514	ADDITIONAL LABOR						

TOTAL

PARTS WASHER SERVICE INTERVAL _____ DAYS.
USED OIL CUSTOMER SERVICED EVERY 30 DAYS UNLESS OTHERWISE INDICATED.
USED OIL SERVICE INTERVAL _____ DAYS.

GENERATOR WARRANTS AND REPRESENTS THAT THE MATERIALS PROVIDED LORCO HEREUNDER HAVE NOT BEEN MIXED, COMBINED, OR OTHERWISE BLENDED IN ANY QUANTITY WITH MATERIALS CONTAINING POLYCHLORINATED BIPHENYLS (PCB) OR ANY OTHER MATERIAL DEFINED AS HAZARDOUS WASTE UNDER APPLICABLE LAWS, INCLUDING BUT NOT LIMITED TO 40 CFR PART 261, GENERATOR AGREES TO INDEMNIFY AND HOLD LORCO HARMLESS FOR ANY DAMAGES, COSTS, ATTORNEY'S FEES, ETC. ARISING OUT OF OR IN ANY WAY RELATED TO A BREACH OF THE ABOVE WARRANTY BY THE GENERATOR.

Generator certifies that the waste is ☐ used oil ☐ used antifreeze ☐ oily water ☐ oil filter ☐ parts washer solvent

☐ Other _____ Description

In accordance the N.J.A.C. 7:26-12.1 et seq, LORCO has the required permits to accept the above described waste.

X Evelyn Taylor as agent. LCCF
Print Name Title

X [signature] as agent. 7/11/16
Signature Date

GENERATOR/CUSTOMER

CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR CERTIFICATION

I certify that this generator generates less than 100 kilograms of hazardous waste per month, as defined at 40 C F R 261, and does not accumulate more than 1,000 kilograms of such waste during the month

X _____
GENERATOR'S SIGNATURE

NON CONDITIONALLY EXEMPT LARGE QUANTITY GENERATOR CERTIFICATION

DEXSIL CDT TEST RESULTS

X _____ PPM

CHARGE MY ACCOUNT FOR THIS TRANSACTION UNLESS OTHERWISE INDICATED IN THE PAYMENT SECTION. $ _____
INVOICES REFLECTING CHARGES TO CUSTOMER ARE SUBJECT TO AN INTEREST RATE OF THE LESSER OF 1½% PER MONTH (18% PER ANNUM) OR THE MAXIMUM RATE ALLOWED BY LAW ON ANY INVOICES THAT ARE NOT PAID WITHIN 30 DAYS. IN THE EVENT OF DEFAULT, LORCO SHALL BE ENTITLED TO RECOVER COSTS OF COLLECTION, INCLUDING REASONABLE ATTORNEY'S FEES. INITIAL _____

PAYMENT RECEIVED SECTION

CASH ☐	TOTAL RECEIVED
CHECK NUMBER	

In accordance with NJAC7:26-6.7b + 40CFR PART 279 LORCO has notified the US EPA of its location and used oil management activities.

X [signature]
Print Name

X [signature] 7/14/16
Signature Date

LORCO REPRESENTATIVE

C002

LORCO PETROLEUM SERVICES

www.lorcopetroleum.com

INCHES IN TANK _____

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. C052430

Carrier No. _____

LORCO PETROLEUM SERVICES, INC.

EPA ID Number NJR000023036

(Name of Carrier)

Date _____

TO: Consignee	LORCO PETROLEUM SERVICES	FROM: Shipper	Gas station
Street	450 SOUTH FRONT STREET	Street	46-81 Metropolitan Ave
Destination	ELIZABETH, NEW JERSEY 07202	Origin	Maspeth, NJ
Route	FEDERAL TERMINAL	Emergency Response Phone No.	908-820-8800
		Vehicle Number	138

No. Shipping Units	HM*	Kind of Packaging, Description of Articles, Special Marks and Exceptions	(subject to correction) RD	Rate	CHARGES
1 TT	X	UN 1203 GASOLINE MIXTURE 3, PGII, ERG 128	265	G	

FACILITY SIGNATURE Chabel Ramirez

PRINTED NAME Chabel Ramirez

DATE 7/14/16

When transporting hazardous materials include the technical or chemical name for n.o.s. (not otherwise specified) or generic description of material with appropriate UN or NA number as defined in US DOT Emergency Communication Standard (HM-126 Provide emergency response phone number in case of incident or accident in box above.

REMIT C.O.D. TO: ADDRESS:

COD Amt: $

C.O.D. FEE: PREPAID ☐ $ COLLECT ☐

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

$ _____ per _____

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

_____ Signature

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

_____ (Signature of Consignee)

TOTAL CHARGES: $

FREIGHT CHARGES:
FREIGHT PREPAID except when box at right is checked ☐
Check box if char are to b collect

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the Bill of Lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the Bill of Lading terms and conditions in governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTICE: Freight moving under this Bill of Lading is subject to the classifications and lawfully f tariffs in effect on the date of this Bill of Lading. This notice supersedes and negates any clair alleged or asserted oral or written contract, promise, representation or understanding between parties with respect to this freight, except to the extent of any written contract which establis lawful contract carriage and is signed by authorized representatives of both parties to the contr

SHIPPER

PER [signature] / is agent

CARRIER LORCO PETROLEUM SERVICES

PER Driver Sign x [signature]

DATE Date of Shipment 7/14/16

MANIFEST DOCUMENT # [illegible]

*HAZARDOUS MATERIALS MARK WITH 'X' TO DESIGNATE HAZARDOUS MATERIALS AS REFERENCED IN 49CFR § 172.

APPENDIX E

Dry As A Bone, Inc.
Underground Tank Testing , Removals & Installations

69 Capitolian Blvd.
Rockville Centre, New York 11570
P: 516-678-5115
F: 516-678-9140

153-44 S. Conduit Ave.
Jamaica, New York 11434
P: 718-949-3849
F: 718-5676688

NEW YORK STATE D.E.C

DATE: 4/25/14

Storage Tank Division

47-40 21st Street

Long Island City, NY 11101-5407

TANK TESTING PROCEDURE

PBS#: _____

NAME & ADDRESS: Commercial Property: 46-81 Metropolitan Ave. Queens, NY

SPILL#: _____.

TEST METHOD: EZY 3 LOCATOR PLUS

CERTIFICATION BY TECHNICIAN COMPLIES WITH TEST CRITERIA

TECHNICIAN QUALIFICATIONS: Cert. #: 74-3299 Exp. 2/17/15

NAME OF TECHNICIAN: T.J. O'Connor

C9503 Pressure Sensor: Serial #: 70007107 Exp. Date Apr.30, 2014

Control Box Amplifier: Serial #: E218015 Exp. Date Apr.30, 2014.

Ezy 3 Plus Probe (Microphone): Serial # M1124002 Exp. Date Apr.30. 2014

Water Sensor Display: Serial # D0921904 Exp. Date Apr.30, 2014

Water Sensor Probe: Serial # 50292 Exp. Date Apr.30, 2014

Storage tank(s) is/are found to be tight according to test criteria and pass test criteria set by the U.S. E.P.A.

SIGNATURE: _____

COMMENTS: Tanks are tight.

EZY 3 LOCATOR PLUS

PRESSURE CALCULATION & WATER SENSOR CALIBRATION

DATE	4/25/14	PBS#	NEW YORK
TOTAL TANK VOL	4000	TANK #	1 (East)
PRODUCT VOL	1160	LOCATION	Comm Property
ULLAGE VOL	2840		46-81 Metropolitan Ave.
PRODUCT TYPE	Diesel		Ridgewood, NY
Tech Sign	[signature]	Certifications	74-3299

PRESSURE SENSOR CALCULATION

24 (INCHES of PRODUCT)	x	.031 (WEIGHT of PRODUCT)	=	.74	0.00 PSI (1)
1 (INCHES of WATER in TANK)	x	0.036	=	.036	0.00 PSI (2)
Line 1 + Line 2 = Total Positive Head Pressure in Tank			=	.78	0.00 PSI (3)
0 (INCHES of WATER OUTSIDE TANK)	x	0.036	=	0	0.00 PSI (4)
Total Head Pressure Minus Outside Water Pressure			=	.78	0.00 +/- PSI (5)
Always add .5 PSI NOTE: If Line 6 is Less than .5 PSI, Line 7 shall be .5 PSI			+	.5	PSI (6)
TEST PRESSURE			=	1.28	+/- PSI (7)

	TIME	PRESSURE
Blower Started	11 03	0
Test Pressure Reached	11 06	1.33
Blower Turned Off	11 16	1.44
Test Began	11 16	1.44
Test Ended	11 26	1.43

Equipment Calibration due date and serial numbers

	Serial #	Calibration due date
Microphone	M1124002	4/14
Amp	E28915	4/14
Pressure guage	7007107	4/14

Depth of Groundwater Determined By: Double wall tank

Where:

Tank System Y / N Pass / Fail

WATER SENSOR CALIBRATION

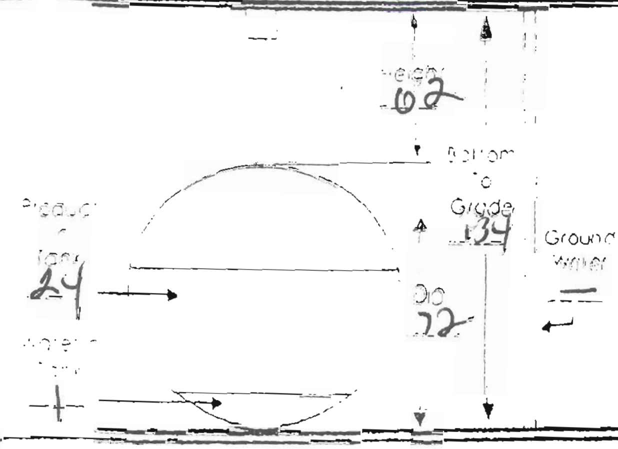
Water

Average

Water ... Test Period Began / Ended

No water

Calculation for Test Period



EZY 3 LOCATOR PLUS — FINAL REPORT

MANUFACTURED BY: ESTABROOKS INC 1-877-368-7215

DATE: 4/25/14
TOTAL TANK VOL: 4000
PRODUCT VOL: 1160
ULLAGE VOL: 2840
PRODUCT TYPE: Diesel

PBS # (NEW YORK):
TANK #: 1 (East)
LOCATION: Comm. Property
46-81 Metropolitan Ave
Ridgewood, NY

THE ACOUSTIC CHARACTERISTIC OF A LEAK REVEALS:
(CHECK ONLY ONE)

X **TIGHT SYSTEM**
THIS UNDERGROUND STORAGE SYSTEM **PASSES** THE CRITERIA SET FORTH BY THE U.S. EPA.

_____ **ULLAGE (DRY) PORTION LEAK**
THIS UNDERGROUND STORAGE SYSTEM **FAILS** THE CRITERIA SET FORTH BY THE U.S. EPA.

_____ **BELOW PRODUCT LEVEL (WET) PORTION LEAK**
THIS UNDERGROUND STORAGE SYSTEM **FAILS** THE CRITERIA STE FORTH BY THE U.S. EPA.

WATER SENSOR INDICATES
(CHECK ONLY ONE)

NO WATER INTRUSION X **WATER INTRUSION** _____ **NOT APPLICABLE** X

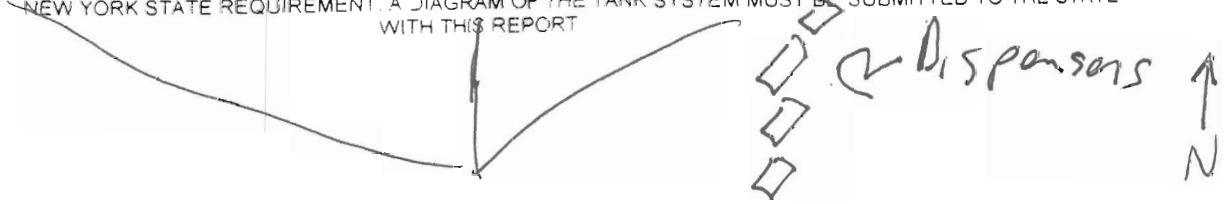
OPERATOR NAME: Print T.J. O'Connor Sign

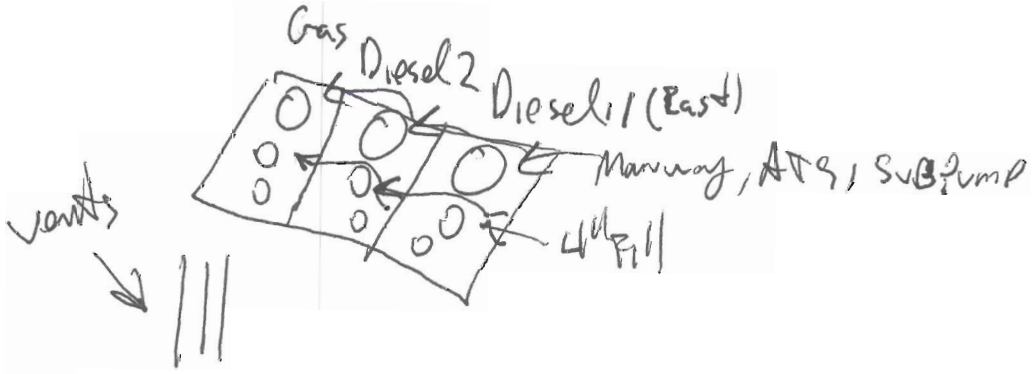
Certification # 74-3299 Expiration Date: February 17, 2015

Testing Firm: Dry as a Bone Inc. Address: 74 Chestnut St.

Telephone # (516) 678-5115 Rockville Centre, NY 11570

NEW YORK STATE REQUIREMENT: A DIAGRAM OF THE TANK SYSTEM MUST BE SUBMITTED TO THE STATE WITH THIS REPORT





EZY 3 LOCATOR PLUS

PRESSURE CALCULATION & WATER SENSOR CALIBRATION

DATE	4/25/14	PBS# NEW YORK	
TOTAL TANK VOL	4000	TANK #	2
PRODUCT VOL	3200	LOCATION	Comm Property
ULLAGE VOL	800		46-81 Metropolitan Ave.
PRODUCT TYPE	Diesel		Ridgewood, NY
Tech Sign	[signature]	Certifications	74-3299

PRESSURE SENSOR CALCULATION

54 (INCHES OF PRODUCT)	.031 ([illegible] PRODUCT)	=	1.67	0.00 PSI (1)
1 (INCHES OF WATER IN TANK)	.036	=	.036	0.00 PSI (2)
Line 1 + Line 2 = Total Product Head Pressure in Tank		=	1.71	0.00 PSI (3)
0 (INCHES OF WATER OUTSIDE TANK)	0.036	=	0	0.00 PSI (4)
Total Head Pressure Minus Outside Water Pressure		=	1.71	0.00 +/- PSI (5)
Always add .5 PSI		=	.5	PSI (6)
NOTE: If Line 6 is Less than .5 PSI, Line 7 shall be .5 PSI				
TEST PRESSURE		=	2.21	+/- PSI (7)

	TIME	PRESSURE
Blower Started	11:30	0
Test Pressure Reached	11:35	2.23
Blower Turned Off	11:45	2.24
Test Began	11:45	2.24
Test Ended	11:55	2.24

Equipment Calibration due date and serial numbers

	Serial #	Calibration due date
Microphone	M1124002	4/14
Amp	E21895	4/14
Pressure gauge	7007107	4/14

Depth of Groundwater Determined

By: Double wall Tank

Where:

Tank System: [illegible] Pass Fail

WATER SENSOR CALIBRATION

[illegible]

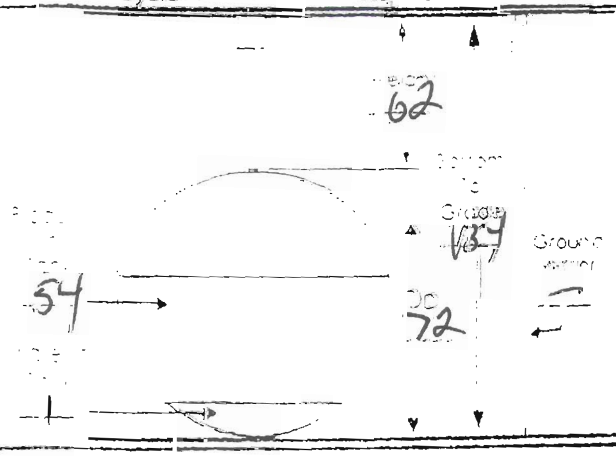
[illegible]

No water

Water [illegible] Began

Ended

Calculation [illegible]



EZY 3 LOCATOR PLUS — FINAL REPORT

MANUFACTURED BY: ESTABROOKS INC 1-877-368-7215

DATE 4/25/14

TOTAL TANK VOL 4000

PRODUCT VOL 3200

ULLAGE VOL 800

PRODUCT TYPE Diesel

PBS # NEW YORK

TANK # 2

LOCATION Comm. Property
46-81 Metropolitan Ave.
Ridgewood, NY

THE ACOUSTIC CHARACTERISTIC OF A LEAK REVEALS:

CHECK ONLY ONE:

X **TIGHT SYSTEM**
THIS UNDERGROUND STORAGE SYSTEM PASSES THE CRITERIA SET FORTH BY THE U.S. EPA.

_____ **ULLAGE (DRY) PORTION LEAK**
THIS UNDERGROUND STORAGE SYSTEM FAILS THE CRITERIA SET FORTH BY THE U.S. EPA.

_____ **BELOW PRODUCT LEVEL (WET) PORTION LEAK**
THIS UNDERGROUND STORAGE SYSTEM FAILS THE CRITERIA STE FORTH BY THE U.S. EPA.

WATER SENSOR INDICATES

CHECK ONLY ONE:

NO WATER INTRUSION X WATER INTRUSION _____ NOT APPLICABLE X

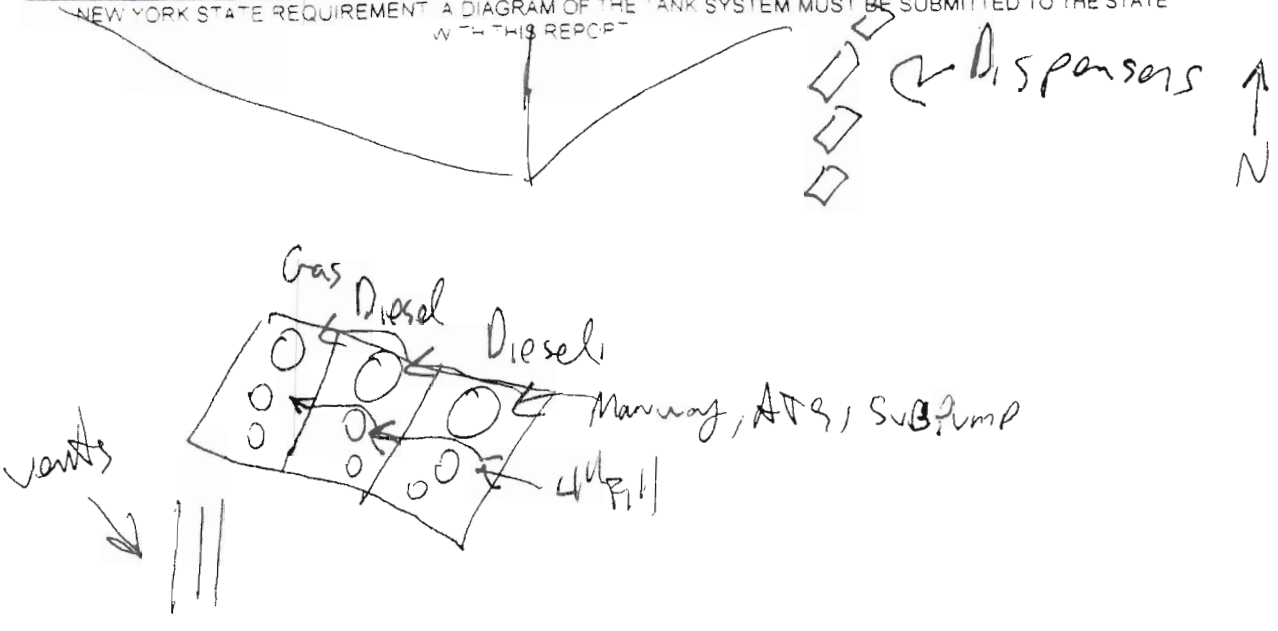
OPERATOR NAME: Print T.J. O'Connor Sign _____

Certification # 74-3299 Expiration Date February 17, 2015

Testing Firm: Dry as a Bone Inc. Address: 74 Chestnut St.

Telephone # (516) 678-5115 Rockville Centre, NY 11570

NEW YORK STATE REQUIREMENT: A DIAGRAM OF THE TANK SYSTEM MUST BE SUBMITTED TO THE STATE WITH THIS REPORT



EZY 3 LOCATOR PLUS — PRESSURE CALCULATION & WATER SENSOR CALIBRATION

DATE	4/25/14	DBS# NEW YORK	
TOTAL TANK VOL	4000	TANK #	3
PRODUCT VOL	600	LOCATION	Comm Property
ULLAGE VOL	3400		46-81 Metropolitan Ave.
PRODUCT TYPE	Gasoline		Ridgewood, NY
Tech Sign	[signature]	Certifications	74-3299

PRESSURE SENSOR CALCULATION

15 (INCHES OF PRODUCT)	.026 (S.G. OF PRODUCT)	=	.39	0.00 PSI (1)
0 (INCHES OF WATER IN TANK)	0.036	=	0	0.00 PSI (2)
Line 1 plus Line 2 = Total Positive Head Pressure in Tank		=	.39	0.00 PSI (3)
0 (INCHES OF WATER OUTSIDE TANK)	0.036	=	0	0.00 PSI (4)
Total Head Pressure Minus Outside Water Pressure		=	.39	0.00 +/- PSI (5)
Always add .5 PSI NOTE: If Line 6 is Less than .5 PSI, Line 7 shall be .5 PSI			.5	PSI (6)
TEST PRESSURE		=	.89	+/- PSI (7)

	TIME	PRESSURE
Blower Started	1159	0
Test Pressure Reached	1208	.97
Blower Turned Off	1225	1.06
Test Began	1225	1.06
Test Ended	1235	1.05

Equipment Calibration due date and serial numbers

	Serial #	Calibration due date
Microphone	MII24002	4/14
Amp	E28915	4/14
Pressure gauge	7007107	4/14

Depth of Groundwater Determined By: Double wall tank

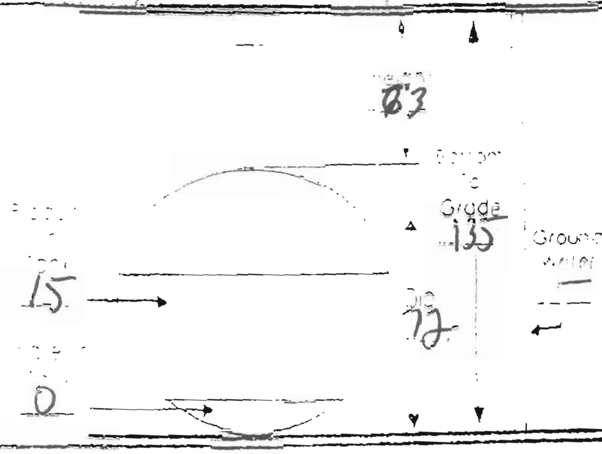
Where:

Tank System: Pass / Fail

WATER SENSOR CALIBRATION

No water

Began
Ended



EZY 3 LOCATOR PLUS — FINAL REPORT

MANUFACTURED BY: ESTABROOK'S INC (877) 368-7215

DATE 4/25/14

TOTAL TANK VOL 4000

PRODUCT VOL 600

ULLAGE VOL 3400

PRODUCT TYPE Gasoline

PBS # NEW YORK

TANK # 3

LOCATION Comm. Property
46-81 Metropolitan Ave.
Ridgewood, NY

THE ACOUSTIC CHARACTERISTIC OF A LEAK REVEALS:

CHECK ONLY ONE:

X **TIGHT SYSTEM**
THIS UNDERGROUND STORAGE SYSTEM PASSES THE CRITERIA SET FORTH BY THE U.S. EPA.

_____ **ULLAGE (DRY) PORTION LEAK**
THIS UNDERGROUND STORAGE SYSTEM FAILS THE CRITERIA SET FORTH BY THE U.S. EPA.

_____ **BELOW PRODUCT LEVEL (WET) PORTION LEAK**
THIS UNDERGROUND STORAGE SYSTEM FAILS THE CRITERIA STE FORTH BY THE U.S EPA.

WATER SENSOR INDICATES

CHECK ONLY ONE:

NO WATER INTRUSION X WATER INTRUSION _____ NOT APPLICABLE X

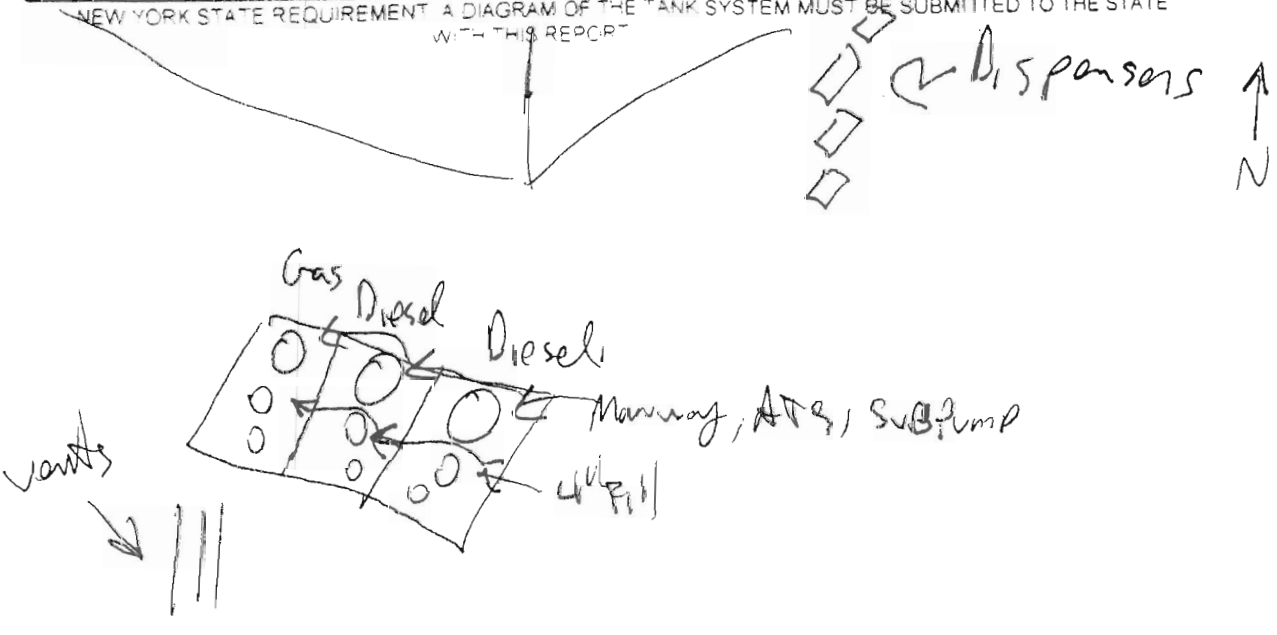
OPERATOR NAME: Print T.J. O'Connor Sign T.J. O'C

Certification # 74-3299 Expiration Date February 17, 2015

Testing Firm: Dry as a Bone Inc. Address: 74 Chestnut St.

Telephone # (516) 678-5115 Rockville Centre, NY 11570

NEW YORK STATE REQUIREMENT: A DIAGRAM OF THE TANK SYSTEM MUST BE SUBMITTED TO THE STATE WITH THIS REPORT



APPENDIX F

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 2
Spill Number: 1603691

Spill Date/Time

Spill Date: 07/14/2016 **Spill Time:** 12:27:00 PM
Call Received Date: 07/14/2016 **Call Received Time:** 08:54:00 PM

Location

Spill Name: COMMERCIAL SITE
Address: 46-81 METROPOLITAN AVE
City: MASPETH **County:** Queens

Spill Description

Material Spilled	Amount Spilled	Resource Affected
unknown petroleum	UNKNOWN	Unknown

Cause: Unknown
Source: Commercial/Industrial
Waterbody:

Record Close

Date Spill Closed: Not closed

If you have questions about this reported incident, please contact the Regional Office where the incident occurred.

Refine This Search