G. C. Environmental, Inc.
CONSULTANTS CONTRACTORS

LIMITED SUBSURFACE INVESTIGATION REPORT

2250 E 69TH STREET
BROOKLYN, NY 11234

Prepared for:
TULLY ENVIRONMENTAL, INC.
127-50 NORTHERN BOULEVARD
FLUSHING, NY 11368

MAY 9, 2023

GCE PROJECT NO:23-096-00

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The environmental assessment described herein was conducted by and/or under the supervision of the undersigned, of G. C. Environmental, Inc. (GCE). GCE's investigation consisted solely of the activities described in the Introduction of this report, in accordance with Proposal #23090 and the Consulting Services Agreement signed prior to initiation of the assessment.

Prepared By:

05/09/2023

Fulya Toylular
Environmental Scientist/Project Manager

Date

Report Reviewed and Approved By:

05/09/2023

Gregory A. Collins
President

Date

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LIST OF ACRONYMS USED IN THIS DOCUMENT

ASTM	American Society for Testing Materials
ACM	Asbestos Containing Material
B/Ns	Base Neutrals
DOT	Department of Transportation
EDR	Environmental Data Resources
EPA	Environmental Protection Agency
ESA	Environmental Site Assessment
GCE	G. C. Environmental, Inc
GPR	Ground Penetrating Radar
LBP	Lead Based Paint
NELAP	National Environmental Laboratory Accreditation
NYSDEC	New York State Department of Environmental Conservation
NYCDEP	New York City Department of Environmental Protection
ug/m^3, mcg/m^3	Microgram per Cubic meter
NYSDOH	New York State Department of Health
NYCRR	New York Code of Rules and Regulations
OER	Office of Environmental Remediation
OSHA	Occupational Health & Safety Administration
ORP	Oxidation Reduction Potential
pH	Hydrogen Ion Concentration
PCBs	Polychlorinated Biphenyls
PID	Photoionization Detector
PCE	Perchloroethylene (Tetrachloroethylene)
RAWP	Remedial Action Work Plan
RAR	Remedial Action Report
REC	Recognized Environmental Condition
SCG's	Standards, Criteria and Guidance
SCR	Site Characterization Report
SVOCs	Semi Volatile Organic Compounds
TAL	Target Analyte List
TCE	Trichloroethylene
TCA	Trichloroethane
TOGS	Technical and Operational Guidance Series
USGS	US Geological Survey
UST	Underground Storage Tank
VOC's	Volatile Organic Compounds
QA	Quality Assurance
QC	Quality Co

1.0 INTRODUCTION

This report presents the findings of a Limited Subsurface Investigation of the property located at 2250 E 69th Street, Brooklyn, New York ("Subject Site"), conducted by G. C. Environmental, Inc. (GCE) in accordance with the Consulting Services Agreement signed prior to initiation of the assessment and the ASTM 1903-19 Standards.

1.1 Purpose

The purpose of this Limited Subsurface Investigation is to determine through subsurface soil/groundwater sampling to characterize of the site if any potential contamination concern associated with the site has environmentally impacted the Site and to offer conclusions and recommendations for further investigation and corrective action, if warranted.

1.2 Site Background

The Subject Property is located at 2250 E 69th Street, Brooklyn, New York. The Subject Property a 59,999 SF rectangle-shaped parcel of land. The subject property is utilized as a storage for construction materials.

1.3 Previous Environmental Reports

No previous environmental reports are available.

2.0 INVESTIGATION FIELD ACTIVITIES

2.1 Subsurface Investigation

Prior to commencement of the work, GCE arranged for a public and private underground utility mark out to be performed at the Site. The selection of the boring locations was based on the areas of environmental concern, accessibility of the site, on-site conditions, and the locations of public/private underground utilities. To confirm the boring locations a dowsing rod was used.

On April 21, 2023, GCE performed eight (8) continuous soil borings (SB-1 thru SB-8) throughout the property, SB-8 was installed at the UST location by utilizing a geoprobe direct push method (Geoprobe® 6610DT) to a depth of twelve (12) feet (ft) below ground surface (bgs) in order to determine if the soil/groundwater at the property had been impacted.

In total four borings (SB-1, SB-4, SB-6, SB-8) were converted into temporary groundwater monitoring wells. Temporary groundwater monitoring wells were installed utilizing a geoprobe and were terminated below groundwater interface. Subsurface groundwater samples were collected at depths indicated in the table included below. Four groundwater samples (GW-1, GW-2, GW-3, and GW-4) were collected to a depth of eight to twelve (8-12) feet (ft) below ground surface (bgs) and the ground water samples were visually classified and logged by the onsite GCE environmental scientist for groundwater characterization purposes.

Upon completion of performing the borings, boring locations were filled and patched (Please refer to the Figure 2 for the Site Map and Appendix A for Photolog).

Soil Sampling and Analysis

Subsurface soil samples were collected at intervals (indicated in the below table). Soil cores were collected in four-foot long, two-inch diameter, stainless steel macrocore piston rod samplers fitted with an internal acetate liner from soil borings (SB-1 thru SB-8). Visual and petroleum type of odors were discovered in all soil samples. The PID readings were determined to be 0-3 ppm in samples. The samples with the highest PID, visual, and/or olfactory impacts (SB-1(4-8`), SB-2(8-12`), SB-4(4-8`), SB-6(4-8`)) were sent to the lab as representative samples.

Laboratory obtained glassware were used for the soil samples and consisted of the following:

- Volatile Organic Compounds (VOCs) / CP-51 - one (1) 4-ounce glass jar equipped with Teflon lined closure per sample and three (3) 40 ml vials with water and preserved with methanol with teflon lined closure per sample.
- Semi-Volatile Organic Compounds/Base Neutrals (B/Ns) / CP-51 - one (1) 4-ounce glass jar equipped with a teflon lined closure per sample.

Soil samples from the boring locations were placed into glass containers equipped with teflon lined closure. The quantity of soil was split as follows: the plastic ziploc bags were 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 table shows the soil/sludge samples submitted for lab analysis, sample IDs, sample collected depth.

Phoenix Sample ID	**Field Logged**	**Depth, Feet below grade (bgs)**	**PID Readings, Parts Per Million (ppm)**
CN89757	SB-1 (4-8`)	8-12	0.00
CN89758	SB-2 (8-12`)	8-12	0.00
NA - Visual Inspection	SB-3	8-12	0.00
CN89760	SB-4 (4-8`)	8-12	0.00
NA - Visual Inspection	SB-5	8-12	0.00
CN89760	SB-6 (4-8`)	8-12	0.00
NA - Visual Inspection	SB-7	8-12	0.00

The collected soil samples were submitted under a chain-of-custody protocol to the Phoenix Environmental Laboratories, Manchester, Connecticut, a New York State ELAP-approved laboratory. Collected samples were analyzed for the presence of VOCs using EPA Method 8260 and SVOCs using EPA Method 8270 according to the NYSDEC CP-51 List (Please refer to Appendix B for Boring Logs and Figure 2 for Site/Sampling Map).

Groundwater Sampling and Analysis

On April 21, 2023, four (4) soil borings (SB-1, SB-4 SB-6, SB-8) were converted into temporary groundwater monitoring wells and four (4) groundwater samples (GW-1, GW-2, GW-3, GW-4) were collected. 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 boring locations. The ground water samples were visually classified and logged by the onsite GCE geologist for groundwater characterization purposes. The samples with the highest visual, and/or olfactory impacts (GW-1, GW-3 and GW-4) were sent to the lab as representative samples.

Laboratory obtained glassware was utilized for the groundwater samples and consisted of the following:

- Volatile Organic Compounds (VOCs) / three (3) 40 ml vials preserved with HCL equipped with teflon lined closure per sample;
- Semi-Volatile Organic Compounds/Base Neutrals (B/Ns) - one (1) 1000 ml amber glass bottle equipped with a teflon lined closure per sample;

Groundwater samples from the borings were placed into glass containers equipped with teflon lined closure and plastic containers. The quantity of groundwater was split as follows. The following groundwater samples were collected:

Phoenix Sample ID	**Field Logged**	**Depth, Feet below grade (bgs)**	**PID Readings, Parts Per Million (ppm)**
CN89761	GW-1	6-8	0.00
CN89762	GW-3	6-8	0.00
CN89763	GW-4	6-8	0.00

The collected groundwater samples were submitted under a chain-of-custody protocol to the Phoenix Environmental Laboratories, Manchester, Connecticut, a New York State ELAP-approved laboratory. Collected samples were analyzed for the presence of VOCs using EPA Method 8260 and SVOCs using EPA Method 8270 according to the NYSDEC CP-51 List (Please refer to Appendix B for Boring Logs and Figure 2 for Site/Sampling Map).

Quality Assurance/Quality Control Program

This section provides information on the Site-specific quality assurance/quality control program.

Soil/Groundwater Sampling Methods

All equipment utilized in sampling advancement was steam cleaned prior to initial use. All metal parts of geoprobe sampler were cleaned using mechanical and chemical cleaning procedures, which consisted of brushing and sweeping off loose dirt followed by detergent washing and potable water rinsing. Soil/groundwater samples were transferred into the

appropriate containers using dedicated disposable latex gloves. All samples were carefully packed and placed in a laboratory-supplied cooler with sufficient ice packs to maintain the sample temperature at 4° C at all times during shipping to the laboratory.

Chain-of-custody protocols were maintained from sample collection to delivery to the laboratory. Field information was recorded in field report and sampling log sheets. Full documentation was made as to the location and depth of all samples collected. Each sample was labeled with GCE's project number, site name and address, the sample location and depth interval, the date and time, the initials of the sampler, and the requested analysis.

3.0 LABORATORY ANALYTICAL STANDARDS

Standards/Regulations and Findings

The soil sampling results from the soil borings were compared to the *New York State Department Environmental Conservation (NYSDEC) CP-51 Soil Cleanup Guidance Policy*. The groundwater sampling results were compared to *New York State Department of Environmental Conservation (NYSDEC)-Technical & Operational Guidance Series (TOGS) Ambient Water Quality Standards* as applicable.

All compounds of VOCs and SVOCs in all soil samples were either not detected or detected below guidance values.

The SVOCs namely Benz(a)anthracene (0.35 ug/l), Benzo(a)pyrene (0.17 ug/l), Benzo(b)fluoranthene (0.13 ug/l), Benzo(k)fluoranthene (0.11 ug/l), Chrysene (0.28 ug/l) and Indeno(1,2,3-cd)pyrene (0.07 ug/l) in sample GW-3; Benz(a)anthracene (0.16 ug/l), Benzo(a)pyrene (0.13 ug/l), Benzo(b)fluoranthene (0.12 ug/l), Benzo(k)fluoranthene (0.09 ug/l), Chrysene (0.15 ug/l), and Indeno(1,2,3-cd)pyrene (0.1 ug/l) in sample GW-4 were detected slightly above guidance values. All compounds of VOCs and remaining of SVOCs in groundwater samples were either not detected or detected below guidance values.

The lab results for groundwater indicates that the source of the contamination is on-site.

Enclosed Table 1: Summary of Detected Compounds - Soil, Table 2: Summary of Detected Compounds - Groundwater and Appendix C for Laboratory Analytical Report.)

4.0 SUMMARY OF FINDINGS AND RECOMMENDATIONS

4.1 Summary and Findings

GCE performed a subsurface investigation by installing eight soil borings in order to determine if the soil/groundwater at the property had been impacted.

In total eight (8) soil and four (4) groundwater samples were collected and in total four (4) soil and three (3) groundwater samples were sent to the lab to be analyzed. All compounds of VOCs and SVOCs in soil samples were either not detected or detected below guidance values.

A few SVOCs compounds were detected slightly above guidance values in GW-3 and G-4 samples.

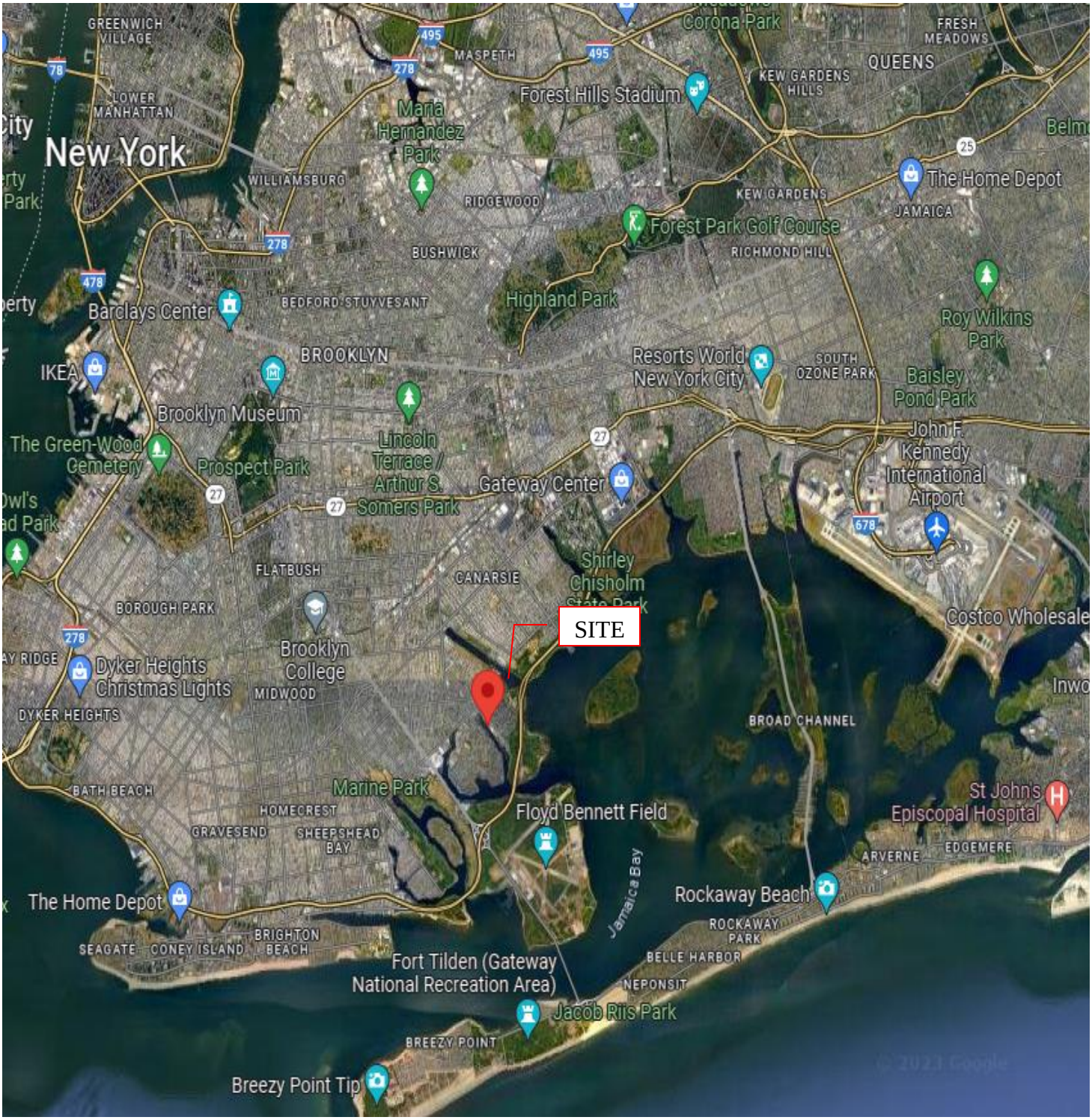
4.2 Recommendations

Based on the above findings, GCE recommends the following:

- GCE recommends no further investigation or remediation for the soil at that time, as all compounds of VOCs and SVOCs in all soil samples were either not detected or detected below guidance values.

- GCE recommends submitting the results of this investigation to the New York State Department of Environmental Conservation (NYSDEC) Region 2 for review, as a few compounds of SVOCs in GW-3 and GW-4 were detected at over guidance values in ground water.

LIST OF FIGURES



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SITE LOCUS MAP

2250 E 69TH STREET
BROOKLYN, NY 11234

GCE PROJECT NO.: 23-096-00

FIGURE 1

LOCUS MAP

LEGEND:

Soil Boring/Sample Location
SB: Soil Boring / Soil Sample Location
GW: Groundwater
Note: Drawings are not scaled. All locations are approximate.

N

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SITE MAP

2250 E 69TH STREET
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GCE PROJECT NO.: 23-096-00

FIGURE 2

SITE MAP

LIST OF TABLES

G.C. Environmental, Inc.
2250 E 69th Street
Brooklyn, NY 11234

Project Id : 23-096-00

Table 1 : Summary of the Detected Samples Results - Soil

	Lab Sample Id		NYSDEC	CN89757		CN89758		CN89759		CN89760	
	Collection Date		CP-51 Soil	4/21/2023		4/21/2023		4/21/2023		4/21/2023	
	Client Id		Soil Cleanup	SB_1 (4-8)		SB_2 (8-12)		SB_4 (4-8)		SB_6 (4-8)	
	Matrix		Guidance	Soil		Soil		Soil		Soil	
	CAS	Units		Result	RL	Result	RL	Result	RL	Result	RL
Percent Solid	PHNX - PCTSOLID	%									
Volatiles- STARS/CP-51 By SW8260C											
1,2,4-Trimethylbenzene	95-63-6	ug/Kg	3,600	< 1.0	1.0	< 1.1	1.1	< 1.1	1.1	< 65	65
1,3,5-Trimethylbenzene	108-67-8	ug/Kg	8,400	< 1.0	1.0	< 1.1	1.1	< 1.1	1.1	< 65	65
Benzene	71-43-2	ug/Kg	60	< 2.1	2.1	< 2.2	2.2	< 2.2	2.2	< 60	60
Ethylbenzene	100-41-4	ug/Kg	1,000	< 2.1	2.1	< 2.2	2.2	< 2.2	2.2	< 130	130
Isopropylbenzene	98-82-8	ug/Kg	2,300	< 1.0	1.0	< 1.1	1.1	< 1.1	1.1	810	65
m&p-Xylene	179601-23-1	ug/Kg	NS	< 2.1	2.1	< 2.2	2.2	< 2.2	2.2	< 130	130
Methyl t-Butyl Ether (MTBE)	1634-04-4	ug/Kg	930	< 1.0	1.0	1.4	1.1	< 1.1	1.1	< 65	65
Naphthalene	91-20-3	ug/Kg	12,000	< 1.0	1.0	< 1.1	1.1	< 1.1	1.1	< 65	65
n-Butylbenzene	104-51-8	ug/Kg	12,000	< 1.0	1.0	< 1.1	1.1	< 1.1	1.1	2,800	65
n-Propylbenzene	103-65-1	ug/Kg	3,900	< 1.0	1.0	< 1.1	1.1	< 1.1	1.1	1,500	65
o-Xylene	95-47-6	ug/Kg	NS	< 2.1	2.1	< 2.2	2.2	< 2.2	2.2	< 130	130
p-Isopropyltoluene	99-87-6	ug/Kg	10,000	< 1.0	1.0	< 1.1	1.1	< 1.1	1.1	< 65	65
sec-Butylbenzene	135-98-8	ug/Kg	11,000	< 1.0	1.0	< 1.1	1.1	3	1.1	3,000	65
tert-Butylbenzene	98-06-6	ug/Kg	5,900	< 1.0	1.0	< 1.1	1.1	< 1.1	1.1	240	65
Toluene	108-88-3	ug/Kg	700	< 2.1	2.1	< 2.2	2.2	< 2.2	2.2	< 130	130
Total Xylenes	1330-20-7	ug/Kg	260	< 2.1	2.1	< 2.2	2.2	< 2.2	2.2	< 130	130
Semivolatiles-STARS/CP-51 By SW8270D											
Acenaphthene	83-32-9	ug/Kg	20,000	< 270	270	< 300	300	< 260	260	5,300	2,700
Acenaphthylene	208-96-8	ug/Kg	100,000	< 270	270	< 300	300	< 260	260	< 2700	2,700
Anthracene	120-12-7	ug/Kg	100,000	< 270	270	< 300	300	< 260	260	< 2700	2,700
Benz(a)anthracene	56-55-3	ug/Kg	1,000	< 270	270	< 300	300	< 260	260	< 1000	1,000
Benzo(a)pyrene	50-32-8	ug/Kg	1,000	< 270	270	< 300	300	< 260	260	< 1000	1,000
Benzo(b)fluoranthene	205-99-2	ug/Kg	1,000	< 270	270	< 300	300	< 260	260	< 1000	1,000
Benzo(ghi)perylene	191-24-2	ug/Kg	100,000	< 270	270	< 300	300	< 260	260	< 2700	2,700
Benzo(k)fluoranthene	207-08-9	ug/Kg	800	< 270	270	< 300	300	< 260	260	< 800	800
Chrysene	218-01-9	ug/Kg	1,000	< 270	270	< 300	300	< 260	260	< 1000	1,000
Dibenz(a,h)anthracene	53-70-3	ug/Kg	330	< 270	270	< 300	300	< 260	260	< 330	330
Fluoranthene	206-44-0	ug/Kg	100,000	< 270	270	< 300	300	< 260	260	< 2700	2,700
Fluorene	86-73-7	ug/Kg	30,000	< 270	270	< 300	300	< 260	260	5,400	2,700
Indeno(1,2,3-cd)pyrene	193-39-5	ug/Kg	500	< 270	270	< 300	300	< 260	260	< 500	500
Naphthalene	91-20-3	ug/Kg	12,000	< 270	270	< 300	300	< 260	260	< 2700	2,700
Phenanthrene	85-01-8	ug/Kg	100,000	< 270	270	< 300	300	< 260	260	12,000	2,700
Pyrene	129-00-0	ug/Kg	100,000	< 270	270	< 300	300	< 260	260	< 2700	2,700

<1.0	Not Detected
NS	No Standards
1.4	Detected Compounds Below Regulatory Standards

Notes:
The compounds found less than reporting levels are considered as ''none detected.''
ug/kg - micrograms per kilogram

G. C. Environmental, Inc.
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Table 2 : Summary of the Detected Samples Results - Groundwater

	Units	NYSDEC TOGS Ambient Water Quality Standards	CN89761 4/21/2023 GW-1 Ground Water		CN89762 4/21/2023 GW-3 Ground Water		CN89763 4/21/2023 GW-4 Ground Water	
			Result	RL	Result	RL	Result	RL
Percent Solid	%							
Volatiles- STARS/CP-51 By SW8260C								
1,2,4-Trimethylbenzene	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
1,3,5-Trimethylbenzene	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Benzene	ug/L	1	< 0.70	0.70	< 0.70	0.70	< 0.7	0.7
Ethylbenzene	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Isopropylbenzene	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
m&p-Xylene	ug/L	NS	< 2.0	2.0	< 2.0	2.0	< 4.0	4.0
Methyl t-Butyl Ether (MTBE)	ug/L	NS	28	1.0	< 1.0	1.0	< 2.0	2.0
Naphthalene	ug/L	10	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
n-Butylbenzene	ug/L	5	< 1.0	1.0	1	1.0	< 2.0	2.0
n-Propylbenzene	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
o-Xylene	ug/L	5	< 2.0	2.0	< 2.0	2.0	< 4.0	4.0
p-Isopropyltoluene	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
sec-Butylbenzene	ug/L	5	< 1.0	1.0	2.2	1.0	< 2.0	2.0
tert-Butylbenzene	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Toluene	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Total Xylenes	ug/L	5	< 2.0	2.0	< 2.0	2.0	< 4.0	4.0
Semivolatiles-STARS/CP-51 By SW8270D								
2-Methylnaphthalene	ug/L	NS	1.4	0.47	0.76	0.47	< 0.56	0.56
Acenaphthene	ug/L	20	0.9	0.47	6.8	0.47	< 0.56	0.56
Acenaphthylene	ug/L	NS	< 0.47	0.47	1.6	0.47	< 0.56	0.56
Anthracene	ug/L	50	< 0.47	0.47	1.9	0.47	< 0.56	0.56
Benz(a)anthracene	ug/L	0.002	< 0.02	0.02	0.35	0.02	0.16	0.02
Benzo(a)pyrene	ug/L	NS	< 0.02	0.02	0.17	0.02	0.13	0.02
Benzo(b)fluoranthene	ug/L	0.002	< 0.02	0.02	0.13	0.02	0.12	0.02
Benzo(ghi)perylene	ug/L	NS	< 0.47	0.47	< 0.47	0.47	< 0.56	0.56
Benzo(k)fluoranthene	ug/L	0.002	< 0.02	0.02	0.11	0.02	0.09	0.02
Chrysene	ug/L	0.002	< 0.02	0.02	0.28	0.02	0.15	0.02
Dibenz(a,h)anthracene	ug/L	NS	< 0.47	0.47	< 0.47	0.47	< 0.56	0.56
Fluoranthene	ug/L	50	< 0.47	0.47	1.8	0.47	< 0.56	0.56
Fluorene	ug/L	50	1.1	0.47	7.5	0.47	< 0.56	0.56
Indeno(1,2,3-cd)pyrene	ug/L	0.002	< 0.02	0.02	0.07	0.02	0.1	0.02
Naphthalene	ug/L	10	< 0.47	0.47	< 0.47	0.47	< 0.56	0.56
Phenanthrene	ug/L	50	1.5	0.47	3.3	0.47	< 0.56	0.56
Pyrene	ug/L	50	< 0.47	0.47	1.3	0.47	< 0.56	0.56

NS	No Standards
<1.0	None Detected
28	Detected Compounds Below Regulatory Standards
0.35	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 Environmental Conservation Technical & Operational Guidence Series (TOGS)
ug/l - microgram per liter

Appendix A
Photolog

Limited Subsurface Investigation - Photo Log
2250 E 69th St., Brooklyn, NY – Site

1. Performing soil boring by utilizing a Geoprobe

2. A View of the soil sleeves

3. Performing groundwater sampling

4. Performing PID readings by utilizing a MultiRAE

Appendix B
Boring Logs

BORING/MONITORING WELL LOG

FIELD GEOLOGIST: JEREMY SAMSON BORING CONTRACTOR: G.C. ENVIRONMENTAL, INC FOREMAN: GIGI	BORING NO: SB-1 2250 E 69TH STREET BROOKLYN, NY 11234 DATE:04/21/2023	GROUND ELEVATION: TOP OF CASING ELEVATION:

DRILLING EQUPMENT: GEOPROBE 6610DT DRILLING METHOD: DIRECT PUSH SAMPLING METHOD: MACROCORE CORE LENTHG: 4 FT BORING DEPTH:12` WELL ID/DIAMETER:	GROUNDWATER LEVEL READINGS: DATE: 04/23/2023 DEPTH:GROUNDWATER WAS ENCOUNTERED AT 6-8`

SAMPLE									
DEPTH(FT)	CAS	NO		PEN/REC	BLOWS		SAMPLE DESCRIPTION	WELL INSTALL.	FIELD TESTING (PPM)	NOTES
0						SOIL SAMPLING (0-4 FT)	BROWN COLOR SILT LOAM & CONCRETE		0.0	VISUAL AND /OR ODOR SIGNS OF CONTAM. DETECTED AT DEPTHS OF 4-12 FT
4						SOIL SAMPLING (4-8 FT)	BLACKISH/GREY SANDY LOAM - WET		0.0	
8						SOIL SAMPLING (8-12 FT)	BLACKISH SANDY LOAM - WITH GRAVEL - WET		3.0	
12						→	END OF THE BORE HOLE (12 FT)			

SB-1(4-8`) & GW-1 SAMPLES WERE SENT TO THE LAB.

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SOIL BORING

2250 E 69TH STREET
BROOKLYN, NY 11214

GCE PROJECT NO.:23-096-00

DRAWING

SB-1

BORING/MONITORING WELL LOG

FIELD GEOLOGIST: JEREMY SAMSON BORING CONTRACTOR: G. C. ENVIRONMENTAL, INC FOREMAN: GIGI	BORING NO: SB-2 2250 E 69TH STREET BROOKLYN, NY 11234 DATE:04/21/2023	GROUND ELEVATION: TOP OF CASING ELEVATION:

DRILLING EQUPMENT: GEOPROBE 6610DT DRILLING METHOD: DIRECT PUSH SAMPLING METHOD: MACROCORE CORE LENTHG: 4 FT BORING DEPTH:12` WELL ID/DIAMETER:	GROUNDWATER LEVEL READINGS: DATE: 04/23/2023 DEPTH:GROUNDWATER WAS ENCOUNTERED AT 6-8`

SAMPLE									
DEPTH(FT)	CAS	NO		PEN/REC	BLOWS		SAMPLE DESCRIPTION	WELL INSTALL.	FIELD TESTING (PPM)	NOTES
0						SOIL SAMPLING (0-4 FT)	GREY COLOR SILT LOAM & CONCRETE		0.0	VISUAL AND /OR ODOR SIGNS OF CONTAM. DETECTED AT DEPTHS 4-12 FT
4						SOIL SAMPLING (4-8 FT)	CONCRETE & BLACKISH SANDY LOAM - WET WITH GRAVEL		0.0	
8						SOIL SAMPLING (8-12 FT)	BLACKISH SANDY LOAM - WET		1.0	
12						→	END OF THE BORE HOLE (12 FT)			

SB-2(8-12`) 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 BORING

2250 E 69TH STREET
BROOKLYN, NY 11214

GCE PROJECT NO.:23-096-00

DRAWING

SB-2

BORING/MONITORING WELL LOG

FIELD GEOLOGIST: JEREMY SAMSON BORING CONTRACTOR: G. C. ENVIRONMENTAL, INC FOREMAN: GIGI	BORING NO: SB-3 2250 E 69TH STREET BROOKLYN, NY 11234 DATE:04/21/2023	GROUND ELEVATION: TOP OF CASING ELEVATION:

DRILLING EQUPMENT: GEOPROBE 6610DT DRILLING METHOD: DIRECT PUSH SAMPLING METHOD: MACROCORE CORE LENTHG: 4 FT BORING DEPTH:12` WELL ID/DIAMETER:	GROUNDWATER LEVEL READINGS: DATE: 04/23/2023 DEPTH:GROUNDWATER WAS ENCOUNTERED AT 6-8`

SAMPLE										
DEPTH(FT)	CAS	NO		PEN/REC	BLOWS		SAMPLE DESCRIPTION	WELL INSTALL.	FIELD TESTING (PPM)	NOTES
0						SOIL SAMPLING (0-4 FT)	BROWN COLOR SILT LOAM & CONCRETE		0.0	VISUAL AND /OR ODOR SIGNS OF CONTAM. DETECTED AT DEPTHS 4-12 FT
4						SOIL SAMPLING (4-8 FT)	BLACKISH SANDY LOAM - MOISTURE		0.0	
8						SOIL SAMPLING (8-12 FT)	BLACKISH SANDY LOAM - WITH GRAVEL - WET		0.0	
12							END OF THE BORE HOLE (12 FT)			

NO 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 BORING

2250 E 69TH STREET
BROOKLYN, NY 11214

GCE PROJECT NO.:23-096-00

DRAWING

SB-3

BORING/MONITORING WELL LOG

FIELD GEOLOGIST: JEREMY SAMSON BORING CONTRACTOR: G. C. ENVIRONMENTAL, INC FOREMAN: GIGI	BORING NO: SB-4 2250 E 69TH STREET BROOKLYN, NY 11234 DATE:04/21/2023	GROUND ELEVATION: TOP OF CASING ELEVATION:

DRILLING EQUPMENT: GEOPROBE 6610DT DRILLING METHOD: DIRECT PUSH SAMPLING METHOD: MACROCORE CORE LENTHG: 4 FT BORING DEPTH:12` WELL ID/DIAMETER:	GROUNDWATER LEVEL READINGS: DATE: 04/23/2023 DEPTH:GROUNDWATER WAS ENCOUNTERED AT 6-8`

SAMPLE							SAMPLE DESCRIPTION	WELL INSTALL.	FIELD TESTING (PPM)	NOTES
DEPTH(FT)	CAS	NO		PEN/REC	BLOWS					
0						SOIL SAMPLING (0-4 FT)	BROWN COLOR SILT LOAM & CONCRETE		0.0	VISUAL AND /OR ODOR SIGNS OF CONTAM. DETECTED AT DEPTHS 4-12 FT
4						SOIL SAMPLING (4-8 FT)	CONCRETE & BLACKISH SANDY LOAM - WET WITH GRAVEL		0.0	
8						SOIL SAMPLING (8-12 FT)	BLACKISH SANDY LOAM - WET		0.0	
12							END OF THE BORE HOLE (12 FT)			

SB(4-8`) AND GW-3 SAMPLES WERE 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 BORING

2250 E 69TH STREET
BROOKLYN, NY 11214

GCE PROJECT NO.:23-096-00

DRAWING

SB-4

BORING/MONITORING WELL LOG

FIELD GEOLOGIST: JEREMY SAMSON BORING CONTRACTOR: G. C. ENVIRONMENTAL, INC FOREMAN: GIGI	BORING NO: SB-5 2250 E 69TH STREET BROOKLYN, NY 11234 DATE:04/21/2023	GROUND ELEVATION: TOP OF CASING ELEVATION:

DRILLING EQUPMENT: GEOPROBE 6610DT DRILLING METHOD: DIRECT PUSH SAMPLING METHOD: MACROCORE CORE LENTHG: 4 FT BORING DEPTH:12` WELL ID/DIAMETER:	GROUNDWATER LEVEL READINGS: DATE: 04/23/2023 DEPTH:GROUNDWATER WAS ENCOUNTERED AT 6-8`

SAMPLE									
DEPTH(FT)	CAS	NO		PEN/REC	BLOWS		SAMPLE DESCRIPTION	WELL INSTALL.	FIELD TESTING (PPM)	NOTES
0						SOIL SAMPLING (0-4 FT)	BROWN COLOR SILT LOAM & CONCRETE		0.0	VISUAL AND /OR ODOR SIGNS OF CONTAM. DETECTED AT DEPTHS 4-12 FT
4						SOIL SAMPLING (4-8 FT)	BLACKISH SANDY LOAM - WET WITH GRAVEL		0.0	
8						SOIL SAMPLING (8-12 FT)	BLACKISH SANDY LOAM - WET		1.0	
12							END OF THE BORE HOLE (12 FT)			

NO 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 BORING

2250 E 69TH STREET
BROOKLYN, NY 11214

GCE PROJECT NO.:23-096-00

DRAWING

SB-5

BORING/MONITORING WELL LOG

FIELD GEOLOGIST: JEREMY SAMSON BORING CONTRACTOR: G. C. ENVIRONMENTAL, INC FOREMAN: GIGI	BORING NO: SB-6 2250 E 69TH STREET BROOKLYN, NY 11234 DATE:04/21/2023	GROUND ELEVATION: TOP OF CASING ELEVATION:

DRILLING EQUPMENT: GEOPROBE 6610DT DRILLING METHOD: DIRECT PUSH SAMPLING METHOD: MACROCORE CORE LENTHG: 4 FT BORING DEPTH:12` WELL ID/DIAMETER:	GROUNDWATER LEVEL READINGS: DATE: 04/23/2023 DEPTH:GROUNDWATER WAS ENCOUNTERED AT 6-9`

SAMPLE							SAMPLE DESCRIPTION	WELL INSTALL.	FIELD TESTING (PPM)	NOTES
DEPTH(FT)	CAS	NO		PEN/REC	BLOWS					
0						SOIL SAMPLING (0-4 FT)	BROWN COLOR SILT LOAM & CONCRETE		0.0	VISUAL AND /OR ODOR SIGNS OF CONTAM. DETECTED AT DEPTHS 4-12 FT
4						SOIL SAMPLING (4-8 FT)	BLACKISH SANDY LOAM - WET		0.0	
8						SOIL SAMPLING (8-12 FT)	BLACKISH SANDY LOAM - WITH GRAVEL - WET		0.0	
12						→	END OF THE BORE HOLE (12 FT)			

SB-6 (4-8`) AND GW-3 SAMPLES WERE 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 BORING

2250 E 69TH STREET
BROOKLYN, NY 11214

GCE PROJECT NO.:23-096-00

DRAWING

SB-6

BORING/MONITORING WELL LOG

FIELD GEOLOGIST: JEREMY SAMSON BORING CONTRACTOR: G. C. ENVIRONMENTAL, INC FOREMAN: GIGI	BORING NO: SB-7 2250 E 69TH STREET BROOKLYN, NY 11234 DATE:04/21/2023	GROUND ELEVATION: TOP OF CASING ELEVATION:

DRILLING EQUPMENT: GEOPROBE 6610DT DRILLING METHOD: DIRECT PUSH SAMPLING METHOD: MACROCORE CORE LENTHG: 4 FT BORING DEPTH:12` WELL ID/DIAMETER:	GROUNDWATER LEVEL READINGS: DATE: 04/23/2023 DEPTH:GROUNDWATER WAS ENCOUNTERED AT 6-8`

SAMPLE									
DEPTH(FT)	CAS	NO		PEN/REC	BLOWS		SAMPLE DESCRIPTION	WELL INSTALL.	FIELD TESTING (PPM)	NOTES
0						SOIL SAMPLING (0-4 FT)	BROWN COLOR SILT LOAM & CONCRETE		0.0	VISUAL AND /OR ODOR SIGNS OF CONTAM. DETECTED AT DEPTHS 8-12 FT
4						SOIL SAMPLING (4-8 FT)	BROWN COLOR SILT LOAM & CONCRETE - MOISTURE		0.0	
8						SOIL SAMPLING (8-12 FT)	BLACKISH SANDY LOAM - WITH GRAVEL - WET		0.0	
12							END OF THE BORE HOLE (12 FT)			

NO 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 BORING

2250 E 69TH STREET
BROOKLYN, NY 11214

GCE PROJECT NO.:23-096-00

DRAWING

SB-7

BORING/MONITORING WELL LOG

FIELD GEOLOGIST: JEREMY SAMSON BORING CONTRACTOR: G. C. ENVIRONMENTAL, INC FOREMAN: GIGI	BORING NO: SB-8 2250 E 69TH STREET BROOKLYN, NY 11234 DATE:04/21/2023	GROUND ELEVATION: TOP OF CASING ELEVATION:

DRILLING EQUPMENT: GEOPROBE 6610DT DRILLING METHOD: DIRECT PUSH SAMPLING METHOD: MACROCORE CORE LENTHG: 4 FT BORING DEPTH:12` WELL ID/DIAMETER:	GROUNDWATER LEVEL READINGS: DATE: 04/23/2023 DEPTH:GROUNDWATER WAS ENCOUNTERED AT 6-8`

SAMPLE									
DEPTH(FT)	CAS	NO		PEN/REC	BLOWS		SAMPLE DESCRIPTION	WELL INSTALL.	FIELD TESTING (PPM)	NOTES
0						SOIL SAMPLING (0-4 FT)	BROWN COLOR SILT LOAM & CONCRETE & BRICK		0.0	VISUAL AND /OR ODOR SIGNS OF CONTAM. DETECTED AT DEPTHS 4-12 FT INSTALLED UST LOCATION
4						SOIL SAMPLING (4-8 FT)	CONCRETE/ STONE SANDY LOAM -MOISTURE WITH GRAVEL		0.0	
8						SOIL SAMPLING (8-12 FT)	BLACKISH SANDY LOAM - WET WITH GRAVEL		0.0	
12							END OF THE BORE HOLE (12 FT)			

GW-4 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 BORING

2250 E 69TH STREET
BROOKLYN, NY 11214

GCE PROJECT NO.:23-096-00

DRAWING

SB-8

Appendix C
Lab Analytical Results

PHOENIX
Environmental Laboratories, Inc.

Friday, May 05, 2023

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

Project ID: **23_096_00 (2250 E 69TH ST)**
SDG ID: **GCN89757**
Sample ID#s: CN89757 - CN89763

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. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

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 are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
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

May 05, 2023

SDG I.D.: GCN89757

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

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

Sample Id Cross Reference

May 05, 2023

SDG I.D.: GCN89757

Project ID: 23_096_00 (2250 E 69TH ST)

Client Id	Lab Id	Matrix
SB_1 (4-8)	CN89757	SOIL
SB_2 (8-12)	CN89758	SOIL
SB_4 (4-8)	CN89759	SOIL
SB_6 (4-8)	CN89760	SOIL
GW-1	CN89761	GROUND WATER
GW-3	CN89762	GROUND WATER
GW-4	CN89763	GROUND WATER

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 05, 2023

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/21/23	8:00
Location Code:	GC-ENV	Received by:	CP	04/24/23	15:43
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	12620				

Laboratory Data

SDG ID: GCN89757
Phoenix ID: CN89757

Project ID: 23_096_00 (2250 E 69TH ST)
Client ID: SB_1 (4-8)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	86		%		04/24/23	CV	SW846-%Solid
Soil Extraction for SVOA PAH	Completed				04/26/23	MO/R/M	SW3546
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	ND	1.0	ug/Kg	1	04/27/23	HM	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/Kg	1	04/27/23	HM	SW8260C
Benzene	ND	2.1	ug/Kg	1	04/27/23	HM	SW8260C
Ethylbenzene	ND	2.1	ug/Kg	1	04/27/23	HM	SW8260C
Isopropylbenzene	ND	1.0	ug/Kg	1	04/27/23	HM	SW8260C
m&p-Xylene	ND	2.1	ug/Kg	1	04/27/23	HM	SW8260C
Methyl t-Butyl Ether (MTBE)	ND	1.0	ug/Kg	1	04/27/23	HM	SW8260C
Naphthalene	ND	1.0	ug/Kg	1	04/27/23	HM	SW8260C
n-Butylbenzene	ND	1.0	ug/Kg	1	04/27/23	HM	SW8260C
n-Propylbenzene	ND	1.0	ug/Kg	1	04/27/23	HM	SW8260C
o-Xylene	ND	2.1	ug/Kg	1	04/27/23	HM	SW8260C
p-Isopropyltoluene	ND	1.0	ug/Kg	1	04/27/23	HM	SW8260C
sec-Butylbenzene	ND	1.0	ug/Kg	1	04/27/23	HM	SW8260C
tert-Butylbenzene	ND	1.0	ug/Kg	1	04/27/23	HM	SW8260C
Toluene	ND	2.1	ug/Kg	1	04/27/23	HM	SW8260C
Total Xylenes	ND	2.1	ug/Kg	1	04/27/23	HM	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4	99		%	1	04/27/23	HM	70 - 130 %
% Bromofluorobenzene	101		%	1	04/27/23	HM	70 - 130 %
% Dibromofluoromethane	96		%	1	04/27/23	HM	70 - 130 %
% Toluene-d8	98		%	1	04/27/23	HM	70 - 130 %

Project ID: 23_096_00 (2250 E 69TH ST)
Client ID: SB_1 (4-8)

Phoenix I.D.: CN89757

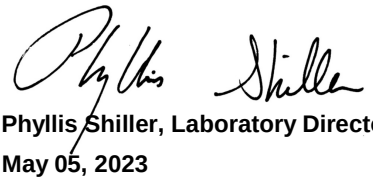
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semivolatiles-STARS/CP-51							
Acenaphthene	ND	270	ug/Kg	1	04/27/23	RM	SW8270D
Acenaphthylene	ND	270	ug/Kg	1	04/27/23	RM	SW8270D
Anthracene	ND	270	ug/Kg	1	04/27/23	RM	SW8270D
Benz(a)anthracene	ND	270	ug/Kg	1	04/27/23	RM	SW8270D
Benzo(a)pyrene	ND	270	ug/Kg	1	04/27/23	RM	SW8270D
Benzo(b)fluoranthene	ND	270	ug/Kg	1	04/27/23	RM	SW8270D
Benzo(ghi)perylene	ND	270	ug/Kg	1	04/27/23	RM	SW8270D
Benzo(k)fluoranthene	ND	270	ug/Kg	1	04/27/23	RM	SW8270D
Chrysene	ND	270	ug/Kg	1	04/27/23	RM	SW8270D
Dibenz(a,h)anthracene	ND	270	ug/Kg	1	04/27/23	RM	SW8270D
Fluoranthene	ND	270	ug/Kg	1	04/27/23	RM	SW8270D
Fluorene	ND	270	ug/Kg	1	04/27/23	RM	SW8270D
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	1	04/27/23	RM	SW8270D
Naphthalene	ND	270	ug/Kg	1	04/27/23	RM	SW8270D
Phenanthrene	ND	270	ug/Kg	1	04/27/23	RM	SW8270D
Pyrene	ND	270	ug/Kg	1	04/27/23	RM	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	61		%	1	04/27/23	RM	30 - 130 %
% Nitrobenzene-d5	56		%	1	04/27/23	RM	30 - 130 %
% Terphenyl-d14	46		%	1	04/27/23	RM	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 L=Biased Low
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 you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
May 05, 2023
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

May 05, 2023

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/21/23	8:40
Location Code:	GC-ENV	Received by:	CP	04/24/23	15:43
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	12620				

Laboratory Data

SDG ID: GCN89757
Phoenix ID: CN89758

Project ID: 23_096_00 (2250 E 69TH ST)
Client ID: SB_2 (8-12)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	78		%		04/24/23	CV	SW846-%Solid
Soil Extraction for SVOA PAH	Completed				04/26/23	MO/R/M	SW3546
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	ND	1.1	ug/Kg	1	04/27/23	HM	SW8260C
1,3,5-Trimethylbenzene	ND	1.1	ug/Kg	1	04/27/23	HM	SW8260C
Benzene	ND	2.2	ug/Kg	1	04/27/23	HM	SW8260C
Ethylbenzene	ND	2.2	ug/Kg	1	04/27/23	HM	SW8260C
Isopropylbenzene	ND	1.1	ug/Kg	1	04/27/23	HM	SW8260C
m&p-Xylene	ND	2.2	ug/Kg	1	04/27/23	HM	SW8260C
Methyl t-Butyl Ether (MTBE)	1.4	1.1	ug/Kg	1	04/27/23	HM	SW8260C
Naphthalene	ND	1.1	ug/Kg	1	04/27/23	HM	SW8260C
n-Butylbenzene	ND	1.1	ug/Kg	1	04/27/23	HM	SW8260C
n-Propylbenzene	ND	1.1	ug/Kg	1	04/27/23	HM	SW8260C
o-Xylene	ND	2.2	ug/Kg	1	04/27/23	HM	SW8260C
p-Isopropyltoluene	ND	1.1	ug/Kg	1	04/27/23	HM	SW8260C
sec-Butylbenzene	ND	1.1	ug/Kg	1	04/27/23	HM	SW8260C
tert-Butylbenzene	ND	1.1	ug/Kg	1	04/27/23	HM	SW8260C
Toluene	ND	2.2	ug/Kg	1	04/27/23	HM	SW8260C
Total Xylenes	ND	2.2	ug/Kg	1	04/27/23	HM	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4	99		%	1	04/27/23	HM	70 - 130 %
% Bromofluorobenzene	100		%	1	04/27/23	HM	70 - 130 %
% Dibromofluoromethane	98		%	1	04/27/23	HM	70 - 130 %
% Toluene-d8	98		%	1	04/27/23	HM	70 - 130 %

Project ID: 23_096_00 (2250 E 69TH ST) Phoenix I.D.: CN89758
Client ID: SB_2 (8-12)

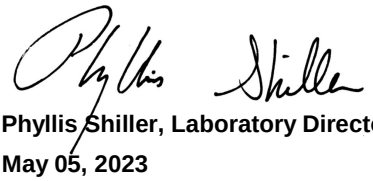
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semivolatiles-STARS/CP-51							
Acenaphthene	ND	300	ug/Kg	1	04/27/23	RM	SW8270D
Acenaphthylene	ND	300	ug/Kg	1	04/27/23	RM	SW8270D
Anthracene	ND	300	ug/Kg	1	04/27/23	RM	SW8270D
Benz(a)anthracene	ND	300	ug/Kg	1	04/27/23	RM	SW8270D
Benzo(a)pyrene	ND	300	ug/Kg	1	04/27/23	RM	SW8270D
Benzo(b)fluoranthene	ND	300	ug/Kg	1	04/27/23	RM	SW8270D
Benzo(ghi)perylene	ND	300	ug/Kg	1	04/27/23	RM	SW8270D
Benzo(k)fluoranthene	ND	300	ug/Kg	1	04/27/23	RM	SW8270D
Chrysene	ND	300	ug/Kg	1	04/27/23	RM	SW8270D
Dibenz(a,h)anthracene	ND	300	ug/Kg	1	04/27/23	RM	SW8270D
Fluoranthene	ND	300	ug/Kg	1	04/27/23	RM	SW8270D
Fluorene	ND	300	ug/Kg	1	04/27/23	RM	SW8270D
Indeno(1,2,3-cd)pyrene	ND	300	ug/Kg	1	04/27/23	RM	SW8270D
Naphthalene	ND	300	ug/Kg	1	04/27/23	RM	SW8270D
Phenanthrene	ND	300	ug/Kg	1	04/27/23	RM	SW8270D
Pyrene	ND	300	ug/Kg	1	04/27/23	RM	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	56		%	1	04/27/23	RM	30 - 130 %
% Nitrobenzene-d5	56		%	1	04/27/23	RM	30 - 130 %
% Terphenyl-d14	46		%	1	04/27/23	RM	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 L=Biased Low
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 you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
May 05, 2023
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

May 05, 2023

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/21/23	15:20
Location Code:	GC-ENV	Received by:	CP	04/24/23	15:43
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	12620				

Laboratory Data

SDG ID: GCN89757
Phoenix ID: CN89759

Project ID: 23_096_00 (2250 E 69TH ST)
Client ID: SB_4 (4-8)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	88		%		04/24/23	CV	SW846-%Solid
Soil Extraction for SVOA PAH	Completed				04/26/23	MO/R/M	SW3546
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	ND	1.1	ug/Kg	1	04/27/23	HM	SW8260C
1,3,5-Trimethylbenzene	ND	1.1	ug/Kg	1	04/27/23	HM	SW8260C
Benzene	ND	2.2	ug/Kg	1	04/27/23	HM	SW8260C
Ethylbenzene	ND	2.2	ug/Kg	1	04/27/23	HM	SW8260C
Isopropylbenzene	ND	1.1	ug/Kg	1	04/27/23	HM	SW8260C
m&p-Xylene	ND	2.2	ug/Kg	1	04/27/23	HM	SW8260C
Methyl t-Butyl Ether (MTBE)	ND	1.1	ug/Kg	1	04/27/23	HM	SW8260C
Naphthalene	ND	1.1	ug/Kg	1	04/27/23	HM	SW8260C
n-Butylbenzene	ND	1.1	ug/Kg	1	04/27/23	HM	SW8260C
n-Propylbenzene	ND	1.1	ug/Kg	1	04/27/23	HM	SW8260C
o-Xylene	ND	2.2	ug/Kg	1	04/27/23	HM	SW8260C
p-Isopropyltoluene	ND	1.1	ug/Kg	1	04/27/23	HM	SW8260C
sec-Butylbenzene	3.0	1.1	ug/Kg	1	04/27/23	HM	SW8260C
tert-Butylbenzene	ND	1.1	ug/Kg	1	04/27/23	HM	SW8260C
Toluene	ND	2.2	ug/Kg	1	04/27/23	HM	SW8260C
Total Xylenes	ND	2.2	ug/Kg	1	04/27/23	HM	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4	100		%	1	04/27/23	HM	70 - 130 %
% Bromofluorobenzene	102		%	1	04/27/23	HM	70 - 130 %
% Dibromofluoromethane	98		%	1	04/27/23	HM	70 - 130 %
% Toluene-d8	98		%	1	04/27/23	HM	70 - 130 %

Project ID: 23_096_00 (2250 E 69TH ST)
Client ID: SB_4 (4-8)

Phoenix I.D.: CN89759

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semivolatiles-STARS/CP-51							
Acenaphthene	ND	260	ug/Kg	1	04/27/23	KCA	SW8270D
Acenaphthylene	ND	260	ug/Kg	1	04/27/23	KCA	SW8270D
Anthracene	ND	260	ug/Kg	1	04/27/23	KCA	SW8270D
Benz(a)anthracene	ND	260	ug/Kg	1	04/27/23	KCA	SW8270D
Benzo(a)pyrene	ND	260	ug/Kg	1	04/27/23	KCA	SW8270D
Benzo(b)fluoranthene	ND	260	ug/Kg	1	04/27/23	KCA	SW8270D
Benzo(ghi)perylene	ND	260	ug/Kg	1	04/27/23	KCA	SW8270D
Benzo(k)fluoranthene	ND	260	ug/Kg	1	04/27/23	KCA	SW8270D
Chrysene	ND	260	ug/Kg	1	04/27/23	KCA	SW8270D
Dibenz(a,h)anthracene	ND	260	ug/Kg	1	04/27/23	KCA	SW8270D
Fluoranthene	ND	260	ug/Kg	1	04/27/23	KCA	SW8270D
Fluorene	ND	260	ug/Kg	1	04/27/23	KCA	SW8270D
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	1	04/27/23	KCA	SW8270D
Naphthalene	ND	260	ug/Kg	1	04/27/23	KCA	SW8270D
Phenanthrene	ND	260	ug/Kg	1	04/27/23	KCA	SW8270D
Pyrene	ND	260	ug/Kg	1	04/27/23	KCA	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	64		%	1	04/27/23	KCA	30 - 130 %
% Nitrobenzene-d5	60		%	1	04/27/23	KCA	30 - 130 %
% Terphenyl-d14	46		%	1	04/27/23	KCA	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 L=Biased Low
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 you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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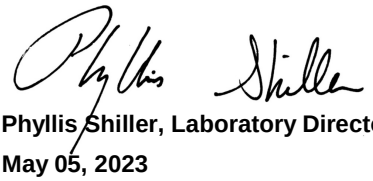

Phyllis Shiller, Laboratory Director
May 05, 2023
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

May 05, 2023

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/21/23	10:30
Location Code:	GC-ENV	Received by:	CP	04/24/23	15:43
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	12620				

Laboratory Data

SDG ID: GCN89757
Phoenix ID: CN89760

Project ID: 23_096_00 (2250 E 69TH ST)
Client ID: SB_6 (4-8)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	85		%		04/24/23	CV	SW846-%Solid
Soil Extraction for SVOA PAH	Completed				04/26/23	MO/R/M	SW3546
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	ND	65	ug/Kg	50	04/27/23	HM	SW8260C
1,3,5-Trimethylbenzene	ND	65	ug/Kg	50	04/27/23	HM	SW8260C
Benzene	ND	60	ug/Kg	50	04/27/23	HM	SW8260C
Ethylbenzene	ND	130	ug/Kg	50	04/27/23	HM	SW8260C
Isopropylbenzene	810	65	ug/Kg	50	04/27/23	HM	SW8260C
m&p-Xylene	ND	130	ug/Kg	50	04/27/23	HM	SW8260C
Methyl t-Butyl Ether (MTBE)	ND	65	ug/Kg	50	04/27/23	HM	SW8260C
Naphthalene	ND	65	ug/Kg	50	04/27/23	HM	SW8260C
n-Butylbenzene	2800	65	ug/Kg	50	04/27/23	HM	SW8260C
n-Propylbenzene	1500	65	ug/Kg	50	04/27/23	HM	SW8260C
o-Xylene	ND	130	ug/Kg	50	04/27/23	HM	SW8260C
p-Isopropyltoluene	ND	65	ug/Kg	50	04/27/23	HM	SW8260C
sec-Butylbenzene	3000	65	ug/Kg	50	04/27/23	HM	SW8260C
tert-Butylbenzene	240	65	ug/Kg	50	04/27/23	HM	SW8260C
Toluene	ND	130	ug/Kg	50	04/27/23	HM	SW8260C
Total Xylenes	ND	130	ug/Kg	50	04/27/23	HM	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4 (50x)	100		%	50	04/27/23	HM	70 - 130 %
% Bromofluorobenzene (50x)	106		%	50	04/27/23	HM	70 - 130 %
% Dibromofluoromethane (50x)	93		%	50	04/27/23	HM	70 - 130 %
% Toluene-d8 (50x)	99		%	50	04/27/23	HM	70 - 130 %

Project ID: 23_096_00 (2250 E 69TH ST) Phoenix I.D.: CN89760
Client ID: SB_6 (4-8)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semivolatiles-STARS/CP-51							
Acenaphthene	5300	2700	ug/Kg	10	04/27/23	KCA	SW8270D
Acenaphthylene	ND	2700	ug/Kg	10	04/27/23	KCA	SW8270D
Anthracene	ND	2700	ug/Kg	10	04/27/23	KCA	SW8270D
Benz(a)anthracene	ND	1000	ug/Kg	10	04/27/23	KCA	SW8270D
Benzo(a)pyrene	ND	1000	ug/Kg	10	04/27/23	KCA	SW8270D
Benzo(b)fluoranthene	ND	1000	ug/Kg	10	04/27/23	KCA	SW8270D
Benzo(ghi)perylene	ND	2700	ug/Kg	10	04/27/23	KCA	SW8270D
Benzo(k)fluoranthene	ND	800	ug/Kg	10	04/27/23	KCA	SW8270D
Chrysene	ND	1000	ug/Kg	10	04/27/23	KCA	SW8270D
Dibenz(a,h)anthracene	ND	330	ug/Kg	10	04/27/23	KCA	SW8270D
Fluoranthene	ND	2700	ug/Kg	10	04/27/23	KCA	SW8270D
Fluorene	5400	2700	ug/Kg	10	04/27/23	KCA	SW8270D
Indeno(1,2,3-cd)pyrene	ND	500	ug/Kg	10	04/27/23	KCA	SW8270D
Naphthalene	ND	2700	ug/Kg	10	04/27/23	KCA	SW8270D
Phenanthrene	12000	2700	ug/Kg	10	04/27/23	KCA	SW8270D
Pyrene	ND	2700	ug/Kg	10	04/27/23	KCA	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl (10x)	74		%	10	04/27/23	KCA	30 - 130 %
% Nitrobenzene-d5 (10x)	76		%	10	04/27/23	KCA	30 - 130 %
% Terphenyl-d14 (10x)	87		%	10	04/27/23	KCA	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 L=Biased Low
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:

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.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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

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

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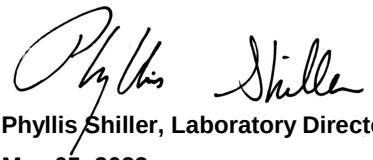

Phyllis Shiller, Laboratory Director
May 05, 2023
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

May 05, 2023

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

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/21/23	12:00
Location Code:	GC-ENV	Received by:	CP	04/24/23	15:43
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	12620				

Laboratory Data

SDG ID: GCN89757
Phoenix ID: CN89761

Project ID: 23_096_00 (2250 E 69TH ST)
Client ID: GW-1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semi-Volatile Extraction	Completed				04/27/23	X/K	SW3520C
Volatiles- Stars/CP-51							
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	04/24/23	HM	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	04/24/23	HM	SW8260C
Benzene	ND	0.70	ug/L	1	04/24/23	HM	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	04/24/23	HM	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	04/24/23	HM	SW8260C
m&p-Xylene	ND	2.0	ug/L	1	04/24/23	HM	SW8260C
Methyl t-butyl ether (MTBE)	28	1.0	ug/L	1	04/24/23	HM	SW8260C
Naphthalene	ND	1.0	ug/L	1	04/24/23	HM	SW8260C
n-Butylbenzene	ND	1.0	ug/L	1	04/24/23	HM	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	04/24/23	HM	SW8260C
o-Xylene	ND	2.0	ug/L	1	04/24/23	HM	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	04/24/23	HM	SW8260C
sec-Butylbenzene	ND	1.0	ug/L	1	04/24/23	HM	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	04/24/23	HM	SW8260C
Toluene	ND	1.0	ug/L	1	04/24/23	HM	SW8260C
Total Xylenes	ND	2.0	ug/L	1	04/24/23	HM	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	1	04/24/23	HM	70 - 130 %
% Bromofluorobenzene	96		%	1	04/24/23	HM	70 - 130 %
% Dibromofluoromethane	101		%	1	04/24/23	HM	70 - 130 %
% Toluene-d8	97		%	1	04/24/23	HM	70 - 130 %
Semivolatiles by SIM, PAH							
2-Methylnaphthalene	1.4	0.47	ug/L	1	04/28/23	KCA	SW8270D (SIM)

Project ID: 23_096_00 (2250 E 69TH ST) Phoenix I.D.: CN89761
Client ID: GW-1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acenaphthene	0.90	0.47	ug/L	1	04/28/23	KCA	SW8270D (SIM)
Acenaphthylene	ND	0.47	ug/L	1	04/28/23	KCA	SW8270D (SIM)
Anthracene	ND	0.47	ug/L	1	04/28/23	KCA	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	ug/L	1	04/28/23	KCA	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	ug/L	1	04/28/23	KCA	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	ug/L	1	04/28/23	KCA	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.47	ug/L	1	04/28/23	KCA	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	ug/L	1	04/28/23	KCA	SW8270D (SIM)
Chrysene	ND	0.02	ug/L	1	04/28/23	KCA	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.47	ug/L	1	04/28/23	KCA	SW8270D (SIM)
Fluoranthene	ND	0.47	ug/L	1	04/28/23	KCA	SW8270D (SIM)
Fluorene	1.1	0.47	ug/L	1	04/28/23	KCA	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	ug/L	1	04/28/23	KCA	SW8270D (SIM)
Naphthalene	ND	0.47	ug/L	1	04/28/23	KCA	SW8270D (SIM)
Phenanthrene	1.5	0.47	ug/L	1	04/28/23	KCA	SW8270D (SIM)
Pyrene	ND	0.47	ug/L	1	04/28/23	KCA	SW8270D (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	71		%	1	04/28/23	KCA	30 - 130 %
% Nitrobenzene-d5	98		%	1	04/28/23	KCA	30 - 130 %
% Terphenyl-d14	37		%	1	04/28/23	KCA	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 L=Biased Low
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:

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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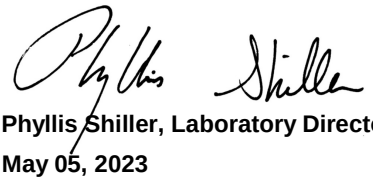

Phyllis Shiller, Laboratory Director

May 05, 2023

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

May 05, 2023

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

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/21/23	13:00
Location Code:	GC-ENV	Received by:	CP	04/24/23	15:43
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	12620				

Laboratory Data

SDG ID: GCN89757
Phoenix ID: CN89762

Project ID: 23_096_00 (2250 E 69TH ST)
Client ID: GW-3

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semi-Volatile Extraction	Completed				04/27/23	X/K	SW3520C
Volatiles- Stars/CP-51							
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	04/25/23	HM	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	04/25/23	HM	SW8260C
Benzene	ND	0.70	ug/L	1	04/25/23	HM	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	04/25/23	HM	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	04/25/23	HM	SW8260C
m&p-Xylene	ND	2.0	ug/L	1	04/25/23	HM	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	04/25/23	HM	SW8260C
Naphthalene	ND	1.0	ug/L	1	04/25/23	HM	SW8260C
n-Butylbenzene	1.0	1.0	ug/L	1	04/25/23	HM	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	04/25/23	HM	SW8260C
o-Xylene	ND	2.0	ug/L	1	04/25/23	HM	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	04/25/23	HM	SW8260C
sec-Butylbenzene	2.2	1.0	ug/L	1	04/25/23	HM	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	04/25/23	HM	SW8260C
Toluene	ND	1.0	ug/L	1	04/25/23	HM	SW8260C
Total Xylenes	ND	2.0	ug/L	1	04/25/23	HM	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	1	04/25/23	HM	70 - 130 %
% Bromofluorobenzene	97		%	1	04/25/23	HM	70 - 130 %
% Dibromofluoromethane	104		%	1	04/25/23	HM	70 - 130 %
% Toluene-d8	96		%	1	04/25/23	HM	70 - 130 %
Semivolatiles by SIM, PAH							
2-Methylnaphthalene	0.76	0.47	ug/L	1	04/28/23	KCA	SW8270D (SIM)

Project ID: 23_096_00 (2250 E 69TH ST) Phoenix I.D.: CN89762
Client ID: GW-3

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Acenaphthene	6.8	0.47	ug/L	1	04/28/23	KCA	SW8270D (SIM)	
Acenaphthylene	1.6	0.47	ug/L	1	04/28/23	KCA	SW8270D (SIM)	
Anthracene	1.9	0.47	ug/L	1	04/28/23	KCA	SW8270D (SIM)	
Benz(a)anthracene	0.35	0.02	ug/L	1	04/28/23	KCA	SW8270D (SIM)	
Benzo(a)pyrene	0.17	0.02	ug/L	1	04/28/23	KCA	SW8270D (SIM)	
Benzo(b)fluoranthene	0.13	0.02	ug/L	1	04/28/23	KCA	SW8270D (SIM)	
Benzo(ghi)perylene	ND	0.47	ug/L	1	04/28/23	KCA	SW8270D (SIM)	
Benzo(k)fluoranthene	0.11	0.02	ug/L	1	04/28/23	KCA	SW8270D (SIM)	
Chrysene	0.28	0.02	ug/L	1	04/28/23	KCA	SW8270D (SIM)	
Dibenz(a,h)anthracene	ND	0.47	ug/L	1	04/28/23	KCA	SW8270D (SIM)	
Fluoranthene	1.8	0.47	ug/L	1	04/28/23	KCA	SW8270D (SIM)	
Fluorene	7.5	0.47	ug/L	1	04/28/23	KCA	SW8270D (SIM)	
Indeno(1,2,3-cd)pyrene	0.07	0.02	ug/L	1	04/28/23	KCA	SW8270D (SIM)	
Naphthalene	ND	0.47	ug/L	1	04/28/23	KCA	SW8270D (SIM)	
Phenanthrene	3.3	0.47	ug/L	1	04/28/23	KCA	SW8270D (SIM)	
Pyrene	1.3	0.47	ug/L	1	04/28/23	KCA	SW8270D (SIM)	
QA/QC Surrogates								
% 2-Fluorobiphenyl	64		%	1	04/28/23	KCA	30 - 130 %	
% Nitrobenzene-d5	108		%	1	04/28/23	KCA	30 - 130 %	
% Terphenyl-d14	23		%	1	04/28/23	KCA	30 - 130 %	3

3 = This parameter exceeds laboratory specified limits.

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

Semi-Volatile Comment:
Poor surrogate recovery was observed for one acid and/or one base surrogate. The other surrogates associated with this sample were within QA/QC criteria. No significant bias suspected.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
May 05, 2023
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

May 05, 2023

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

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/21/23	13:30
Location Code:	GC-ENV	Received by:	CP	04/24/23	15:43
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	12620				

Laboratory Data

SDG ID: GCN89757
Phoenix ID: CN89763

Project ID: 23_096_00 (2250 E 69TH ST)
Client ID: GW-4

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semi-Volatile Extraction	Completed				04/27/23	X/K	SW3520C
Volatiles- Stars/CP-51							
1,2,4-Trimethylbenzene	ND	2.0	ug/L	2	04/25/23	HM	SW8260C
1,3,5-Trimethylbenzene	ND	2.0	ug/L	2	04/25/23	HM	SW8260C
Benzene	ND	0.7	ug/L	2	04/25/23	HM	SW8260C
Ethylbenzene	ND	2.0	ug/L	2	04/25/23	HM	SW8260C
Isopropylbenzene	ND	2.0	ug/L	2	04/25/23	HM	SW8260C
m&p-Xylene	ND	4.0	ug/L	2	04/25/23	HM	SW8260C
Methyl t-butyl ether (MTBE)	ND	2.0	ug/L	2	04/25/23	HM	SW8260C
Naphthalene	ND	2.0	ug/L	2	04/25/23	HM	SW8260C
n-Butylbenzene	ND	2.0	ug/L	2	04/25/23	HM	SW8260C
n-Propylbenzene	ND	2.0	ug/L	2	04/25/23	HM	SW8260C
o-Xylene	ND	4.0	ug/L	2	04/25/23	HM	SW8260C
p-Isopropyltoluene	ND	2.0	ug/L	2	04/25/23	HM	SW8260C
sec-Butylbenzene	ND	2.0	ug/L	2	04/25/23	HM	SW8260C
tert-Butylbenzene	ND	2.0	ug/L	2	04/25/23	HM	SW8260C
Toluene	ND	2.0	ug/L	2	04/25/23	HM	SW8260C
Total Xylenes	ND	4.0	ug/L	2	04/25/23	HM	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4 (2x)	100		%	2	04/25/23	HM	70 - 130 %
% Bromofluorobenzene (2x)	97		%	2	04/25/23	HM	70 - 130 %
% Dibromofluoromethane (2x)	102		%	2	04/25/23	HM	70 - 130 %
% Toluene-d8 (2x)	97		%	2	04/25/23	HM	70 - 130 %
Semivolatiles by SIM, PAH							
2-Methylnaphthalene	ND	0.56	ug/L	1	04/28/23	KCA	SW8270D (SIM)

Project ID: 23_096_00 (2250 E 69TH ST) Phoenix I.D.: CN89763
Client ID: GW-4

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acenaphthene	ND	0.56	ug/L	1	04/28/23	KCA	SW8270D (SIM)
Acenaphthylene	ND	0.56	ug/L	1	04/28/23	KCA	SW8270D (SIM)
Anthracene	ND	0.56	ug/L	1	04/28/23	KCA	SW8270D (SIM)
Benz(a)anthracene	0.16	0.02	ug/L	1	04/28/23	KCA	SW8270D (SIM)
Benzo(a)pyrene	0.13	0.02	ug/L	1	04/28/23	KCA	SW8270D (SIM)
Benzo(b)fluoranthene	0.12	0.02	ug/L	1	04/28/23	KCA	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.56	ug/L	1	04/28/23	KCA	SW8270D (SIM)
Benzo(k)fluoranthene	0.09	0.02	ug/L	1	04/28/23	KCA	SW8270D (SIM)
Chrysene	0.15	0.02	ug/L	1	04/28/23	KCA	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.56	ug/L	1	04/28/23	KCA	SW8270D (SIM)
Fluoranthene	ND	0.56	ug/L	1	04/28/23	KCA	SW8270D (SIM)
Fluorene	ND	0.56	ug/L	1	04/28/23	KCA	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	0.10	0.02	ug/L	1	04/28/23	KCA	SW8270D (SIM)
Naphthalene	ND	0.56	ug/L	1	04/28/23	KCA	SW8270D (SIM)
Phenanthrene	ND	0.56	ug/L	1	04/28/23	KCA	SW8270D (SIM)
Pyrene	ND	0.56	ug/L	1	04/28/23	KCA	SW8270D (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	67		%	1	04/28/23	KCA	30 - 130 %
% Nitrobenzene-d5	99		%	1	04/28/23	KCA	30 - 130 %
% Terphenyl-d14	40		%	1	04/28/23	KCA	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 L=Biased Low
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:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

Volatile Comment:
Elevated reporting limits for volatiles due to sediment in the vial.

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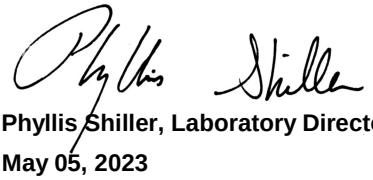

Phyllis Shiller, Laboratory Director
May 05, 2023
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

May 05, 2023

QA/QC Data

SDG I.D.: GCN89757

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 674720 (ug/kg), QC Sample No: CN90036 (CN89757, CN89758, CN89759, CN89760)											
Polynuclear Aromatic HC - Soil											
Acenaphthene	ND	230	75	67	11.3	44	57	25.7	30 - 130	30	
Acenaphthylene	ND	230	70	64	9.0	41	54	27.4	40 - 140	30	
Anthracene	ND	230	77	72	6.7	45	58	25.2	40 - 140	30	
Benz(a)anthracene	ND	230	76	72	5.4	44	61	32.4	40 - 140	30	r
Benzo(a)pyrene	ND	230	83	82	1.2	49	65	28.1	40 - 140	30	
Benzo(b)fluoranthene	ND	230	72	67	7.2	40	55	31.6	40 - 140	30	r
Benzo(ghi)perylene	ND	230	80	79	1.3	55	75	30.8	40 - 140	30	r
Benzo(k)fluoranthene	ND	230	67	66	1.5	40	54	29.8	40 - 140	30	
Chrysene	ND	230	74	71	4.1	43	58	29.7	40 - 140	30	
Dibenz(a,h)anthracene	ND	230	81	79	2.5	53	72	30.4	40 - 140	30	
Fluoranthene	ND	230	76	71	6.8	36	49	30.6	40 - 140	30	m,r
Fluorene	ND	230	78	71	9.4	45	59	26.9	40 - 140	30	
Indeno(1,2,3-cd)pyrene	ND	230	81	81	0.0	53	73	31.7	40 - 140	30	r
Naphthalene	ND	230	73	64	13.1	42	53	23.2	40 - 140	30	
Phenanthrene	ND	230	77	73	5.3	44	59	29.1	40 - 140	30	
Pyrene	ND	230	72	67	7.2	36	48	28.6	30 - 130	30	
% 2-Fluorobiphenyl	57	%	70	65	7.4	43	57	28.0	30 - 130	30	
% Nitrobenzene-d5	60	%	81	65	21.9	42	57	30.3	30 - 130	30	
% Terphenyl-d14	49	%	65	60	8.0	30	43	35.6	30 - 130	30	r
QA/QC Batch 674960 (ug/L), QC Sample No: CN89290 (CN89761, CN89762, CN89763)											
Semivolatiles by SIM, PAH - Ground Water											
2-Methylnaphthalene	ND	0.50	61	61	0.0				30 - 130	20	
Acenaphthene	ND	0.50	77	77	0.0				30 - 130	20	
Acenaphthylene	ND	0.10	84	84	0.0				30 - 130	20	
Anthracene	ND	0.10	98	93	5.2				30 - 130	20	
Benz(a)anthracene	ND	0.02	115	104	10.0				30 - 130	20	
Benzo(a)pyrene	ND	0.02	114	110	3.6				30 - 130	20	
Benzo(b)fluoranthene	ND	0.02	91	92	1.1				30 - 130	20	
Benzo(ghi)perylene	ND	0.02	75	76	1.3				30 - 130	20	
Benzo(k)fluoranthene	ND	0.02	84	86	2.4				30 - 130	20	
Chrysene	ND	0.02	87	88	1.1				30 - 130	20	
Dibenz(a,h)anthracene	ND	0.02	90	90	0.0				30 - 130	20	
Fluoranthene	ND	0.50	95	94	1.1				30 - 130	20	
Fluorene	ND	0.10	91	71	24.7				30 - 130	20	r
Indeno(1,2,3-cd)pyrene	ND	0.02	95	94	1.1				30 - 130	20	
Naphthalene	ND	0.50	60	60	0.0				30 - 130	20	
Phenanthrene	ND	0.06	81	77	5.1				30 - 130	20	
Pyrene	ND	0.07	97	95	2.1				30 - 130	20	
% 2-Fluorobiphenyl	73	%	71	61	15.2				30 - 130	20	
% Nitrobenzene-d5	87	%	90	52	53.5				30 - 130	20	r
% Terphenyl-d14	86	%	91	147	47.1				30 - 130	20	l,r

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
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 674431 (ug/L), QC Sample No: CN89180 (CN89761)											
Volatiles - Ground Water											
1,2,4-Trimethylbenzene	ND	1.0	102	106	3.8	108	116	7.1	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	104	108	3.8	110	120	8.7	70 - 130	30	
Benzene	ND	0.70	96	99	3.1	112	113	0.9	70 - 130	30	
Ethylbenzene	ND	1.0	101	105	3.9	109	117	7.1	70 - 130	30	
Isopropylbenzene	ND	1.0	101	105	3.9	108	118	8.8	70 - 130	30	
m&p-Xylene	ND	1.0	101	105	3.9	109	117	7.1	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	106	108	1.9	117	119	1.7	70 - 130	30	
Naphthalene	ND	1.0	125	132	5.4	119	131	9.6	70 - 130	30	l,m
n-Butylbenzene	ND	1.0	109	112	2.7	110	124	12.0	70 - 130	30	
n-Propylbenzene	ND	1.0	103	107	3.8	108	119	9.7	70 - 130	30	
o-Xylene	ND	1.0	100	104	3.9	110	117	6.2	70 - 130	30	
p-Isopropyltoluene	ND	1.0	106	111	4.6	110	122	10.3	70 - 130	30	
sec-Butylbenzene	ND	1.0	104	108	3.8	109	120	9.6	70 - 130	30	
tert-Butylbenzene	ND	1.0	103	107	3.8	110	119	7.9	70 - 130	30	
Toluene	ND	1.0	95	99	4.1	113	112	0.9	70 - 130	30	
% 1,2-dichlorobenzene-d4	101	%	101	100	1.0	102	102	0.0	70 - 130	30	
% Bromofluorobenzene	97	%	102	101	1.0	101	102	1.0	70 - 130	30	
% Dibromofluoromethane	100	%	100	99	1.0	102	104	1.9	70 - 130	30	
% Toluene-d8	97	%	100	101	1.0	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%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.											
QA/QC Batch 674656 (ug/L), QC Sample No: CN89389 (CN89762, CN89763 (2X))											
Volatiles - Ground Water											
1,2,4-Trimethylbenzene	ND	1.0	107	107	0.0	109	115	5.4	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	110	110	0.0	113	118	4.3	70 - 130	30	
Benzene	ND	0.70	100	100	0.0	106	112	5.5	70 - 130	30	
Ethylbenzene	ND	1.0	107	106	0.9	112	117	4.4	70 - 130	30	
Isopropylbenzene	ND	1.0	107	106	0.9	112	117	4.4	70 - 130	30	
m&p-Xylene	ND	1.0	107	105	1.9	112	116	3.5	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	106	106	0.0	110	118	7.0	70 - 130	30	
Naphthalene	ND	1.0	129	127	1.6	131	145	10.1	70 - 130	30	m
n-Butylbenzene	ND	1.0	115	113	1.8	117	123	5.0	70 - 130	30	
n-Propylbenzene	ND	1.0	110	109	0.9	113	120	6.0	70 - 130	30	
o-Xylene	ND	1.0	105	104	1.0	110	114	3.6	70 - 130	30	
p-Isopropyltoluene	ND	1.0	114	112	1.8	116	122	5.0	70 - 130	30	
sec-Butylbenzene	ND	1.0	111	110	0.9	113	119	5.2	70 - 130	30	
tert-Butylbenzene	ND	1.0	109	109	0.0	112	119	6.1	70 - 130	30	
Toluene	ND	1.0	102	101	1.0	106	112	5.5	70 - 130	30	
% 1,2-dichlorobenzene-d4	100	%	102	101	1.0	101	101	0.0	70 - 130	30	
% Bromofluorobenzene	97	%	101	101	0.0	102	101	1.0	70 - 130	30	
% Dibromofluoromethane	100	%	99	98	1.0	100	103	3.0	70 - 130	30	
% Toluene-d8	96	%	99	99	0.0	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%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.											

QA/QC Data

SDG I.D.: GCN89757

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 675325 (ug/kg), QC Sample No: CN90230 (CN89757, CN89758, CN89759)											
Volatiles - Soil (Low Level)											
1,2,4-Trimethylbenzene	ND	1.0	91	107	16.2	74			70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	95	112	16.4	78			70 - 130	30	
Benzene	ND	1.0	88	105	17.6	97			70 - 130	30	
Ethylbenzene	ND	1.0	92	109	16.9	88			70 - 130	30	
Isopropylbenzene	ND	1.0	94	111	16.6	85			70 - 130	30	
m&p-Xylene	ND	2.0	92	108	16.0	87			70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	90	104	14.4	100			70 - 130	30	
Naphthalene	ND	5.0	96	112	15.4	50			70 - 130	30	m
n-Butylbenzene	ND	1.0	97	113	15.2	64			70 - 130	30	m
n-Propylbenzene	ND	1.0	92	109	16.9	78			70 - 130	30	
o-Xylene	ND	2.0	90	107	17.3	85			70 - 130	30	
p-Isopropyltoluene	ND	1.0	96	113	16.3	72			70 - 130	30	
sec-Butylbenzene	ND	1.0	95	113	17.3	72			70 - 130	30	
tert-Butylbenzene	ND	1.0	94	112	17.5	78			70 - 130	30	
Toluene	ND	1.0	89	106	17.4	93			70 - 130	30	
% 1,2-dichlorobenzene-d4	101	%	101	100	1.0	99			70 - 130	30	
% Bromofluorobenzene	98	%	102	102	0.0	101			70 - 130	30	
% Dibromofluoromethane	98	%	102	99	3.0	100			70 - 130	30	
% Toluene-d8	99	%	101	101	0.0	102			70 - 130	30	

Comment:

The MSD is not reported for this LL soil batch.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 675325H (ug/kg), QC Sample No: CN90230 50X (CN89760 (50X))											
Volatiles - Soil (High Level)											
1,2,4-Trimethylbenzene	ND	250	125	118	5.8	114	124	8.4	70 - 130	30	
1,3,5-Trimethylbenzene	ND	250	129	122	5.6	119	127	6.5	70 - 130	30	
Benzene	ND	250	116	109	6.2	110	117	6.2	70 - 130	30	
Ethylbenzene	ND	250	124	117	5.8	115	123	6.7	70 - 130	30	
Isopropylbenzene	ND	250	127	122	4.0	119	129	8.1	70 - 130	30	
m&p-Xylene	ND	250	123	117	5.0	116	122	5.0	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	250	108	100	7.7	101	107	5.8	70 - 130	30	
Naphthalene	ND	250	126	119	5.7	128	137	6.8	70 - 130	30	m
n-Butylbenzene	ND	250	140	133	5.1	130	139	6.7	70 - 130	30	l,m
n-Propylbenzene	ND	250	128	121	5.6	119	128	7.3	70 - 130	30	
o-Xylene	ND	250	121	113	6.8	112	118	5.2	70 - 130	30	
p-Isopropyltoluene	ND	250	134	128	4.6	124	134	7.8	70 - 130	30	l,m
sec-Butylbenzene	ND	250	131	125	4.7	123	131	6.3	70 - 130	30	l,m
tert-Butylbenzene	ND	250	129	122	5.6	119	128	7.3	70 - 130	30	
Toluene	ND	250	118	111	6.1	111	119	7.0	70 - 130	30	
% 1,2-dichlorobenzene-d4	100	%	99	100	1.0	100	100	0.0	70 - 130	30	
% Bromofluorobenzene	98	%	101	102	1.0	100	100	0.0	70 - 130	30	
% Dibromofluoromethane	93	%	96	95	1.0	96	96	0.0	70 - 130	30	
% Toluene-d8	98	%	101	101	0.0	101	102	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%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Data

SDG I.D.: GCN89757

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits

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

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

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

Phyllis Shiller, Laboratory Director
May 05, 2023

Friday, May 05, 2023

Criteria: NY: 375, 375COM, CP51S, GW

State: NY

Sample Criteria Exceedances Report

GCN89757 - GC-ENV

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CN89761	$8100SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CN89761	$8100SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CN89761	$8100SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CN89761	$8100SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CN89761	$8100SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CN89761	$8100SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CN89761	$8100SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CN89761	$8100SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CN89761	$8100SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CN89761	$8100SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CN89761	$8100SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CN89762	$8100SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.11	0.02	0.002	0.002	ug/L
CN89762	$8100SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.35	0.02	0.002	0.002	ug/L
CN89762	$8100SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.07	0.02	0.002	0.002	ug/L
CN89762	$8100SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.28	0.02	0.002	0.002	ug/L
CN89762	$8100SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.17	0.02	0.002	0.002	ug/L
CN89762	$8100SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.13	0.02	0.002	0.002	ug/L
CN89762	$8100SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.35	0.02	0.002	0.002	ug/L
CN89762	$8100SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.11	0.02	0.002	0.002	ug/L
CN89762	$8100SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.28	0.02	0.002	0.002	ug/L
CN89762	$8100SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	0.07	0.02	0.002	0.002	ug/L
CN89762	$8100SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.13	0.02	0.002	0.002	ug/L
CN89763	$8100SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.16	0.02	0.002	0.002	ug/L
CN89763	$8100SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.13	0.02	0.002	0.002	ug/L
CN89763	$8100SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.12	0.02	0.002	0.002	ug/L
CN89763	$8100SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.09	0.02	0.002	0.002	ug/L
CN89763	$8100SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.15	0.02	0.002	0.002	ug/L
CN89763	$8100SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.10	0.02	0.002	0.002	ug/L
CN89763	$8100SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	0.10	0.02	0.002	0.002	ug/L
CN89763	$8100SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.16	0.02	0.002	0.002	ug/L
CN89763	$8100SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.12	0.02	0.002	0.002	ug/L
CN89763	$8100SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.09	0.02	0.002	0.002	ug/L
CN89763	$8100SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.15	0.02	0.002	0.002	ug/L

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

May 05, 2023 SDG I.D.: GCN89757

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

May 05, 2023

SDG I.D.: GCN89757

The samples in this delivery group were received at 1.1°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

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

NY/NJ/PA CHAIN OF CUSTODY RECORD

Temp 4.1 °C Pg of

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

Contact Options:
☑ Phone: 631-206-3700
☐ Fax:
☑ Email: ttaylor@gcenv.com

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

Project: 23-096-00 (2250 E 67th St.) Project P.O:
Report to: Tylyn Taylor
Invoice to: Dina Lagos
QUOTE # :

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 4.21.23

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	VOCs + SVOCs - CP-51 List - Table 3	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL NaOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
89757	SB-1 (4-8)	S	4.21.23	8:10am	X	3	1										
89758	SB-2 (8-12)	S	//	8:40am	X	3	1										
89759	SB-4 (4-8)	S	//	9:30am	X	3	1										
89760	SB-6 (4-8)	S	//	10:30am	X	3	1										
89761	GW-1	GW	//	12:00pm	X			3	1								
89762	GW-3	GW	//	1:00pm	X			3	1								
89763	GW-4	GW	//	1:30pm	X			3	1								

Relinquished by:	Accepted by:	Date:	Time:
	ZM	4.24.23	1029
ZM	[signature]	4.24.23	1843

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

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

NY
☑ TOGS GW
☑ CP-51 SOIL
☑ 375SCO Unrestricted Soil
☐ 375SCO Residential Soil
☐ 375SCO Residential Restricted Soil
☑ 375SCO Commercial Soil
☐ 375SCO Industrial Soil
☐ Subpart 5 DW

PA
☐ Clean Fill Limits
☐ PA-GW
☐ Reg Fill Limits
☐ PA Soil Restricted
☐ PA Soil non-restricted

State Samples Collected? NY

Comments, Special Requirements or Regulations:

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

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

PEL-111 Rev 10/2021

Appendix D
Limitations and Service Constraints

LIMITATIONS AND SERVICES CONSTRAINTS

Limitations

The findings set forth in the attached environmental site assessment report are strictly limited in time and scope to the date of the evaluation(s). The conclusions presented in the report are based on the services described in the report, and not on scientific tasks or procedures beyond the scope of work agreed in the purchase order/work order prior to the initialization of this assessment or the time and budgeting restraints imposed by the client.

This report may contain recommendations which are partially based on the analysis of data accumulated at the time and locations set forth in the report through the subsurface investigation. However, environmental, geological, and geotechnical conditions can vary from those encountered during this investigation, and that the limitation on available data results in some level of uncertainty with respect to the interpretation of these conditions, despite the use of standard professional care and skill. Therefore, further investigations may reveal additional data or variations of the current data which may require the enclosed recommendations to be reevaluated.

Chemical analyses may have been performed for specific parameters during the course of this assessment, as described in the text. However, it should be noted that additional chemical constituents not searched for during the current study may be present in soil and/or groundwater at the subject site.

Partial findings of this assessment are based on data provided by others. No warranty is expressed or implied with the usage of such data.

Because of these limitations, full and complete determination as to whether a certain piece of land is or is not free from environmental contamination cannot be made. The extent of testing and statistical confidence associated with an environmental site assessment is balanced against a reasonable project budget; therefore, 100 percent confidence in environmental site assessment conclusions can never be reached. Therefore, G. C. Environmental, Inc. does not provide guarantees, certifications, or warranties that a property is free from environmental contamination.

Services Constraints

Much of the information provided in this report is based upon personal interviews and research of all practically reviewable documents, records, and maps held by appropriate government and private agencies. This is subject to limitations of historical documentation, availability, and accuracy of pertinent records and the personal recollection of those persons contacted. The initial site-investigation took into account the natural and man-made features of the subject site, including any unusual or suspect phenomenon. These factors, combined with the subject site's geology, hydrology, topography, and past and present land uses served as a basis for choosing a methodology and location for subsurface investigation as well as soil and/or groundwater sampling, if conducted. The analytical results of the subsurface investigation, if provided, are meant as a representative overview of the subject site's conditions.

The locations and type of analyses of soil and /or groundwater samples, if provided, were chosen based on the same considerations listed in the paragraphs above. If samples were analyzed, they were analyzed for those parameters unique to the subject site as determined during the preceding site evaluation.

The presence of radioactive materials or wastes, biological hazards, asbestos or lead-based paint was not investigated unless specifically noted otherwise.

This report was prepared for the exclusive use of the client and/or the parties listed on the cover of the report, and is intended for the use listed in a proposal/work order or a Consulting Services Agreement signed prior to initiation of the assessment. The use of this report by any other parties or in any other manner than that listed in a proposal/work order or a Consulting Services Agreement signed prior to initiation of the assessment requires the written consent of G. C. Environmental, Inc. This report must be presented in its entirety.